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  - 1.551.1 Available under license
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- 1.559 go-socket-io 0.0.0-20170525141029-5447e71f36d3**

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**1.576 robot-telemetry\_proto 0.0.0-20200323210835-95d018a77332**

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- 1.689 libyaml 0.2.2 1**
  - 1.689.1 Available under license
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  - 1.690.1 Available under license
- 1.691 py3-html5lib 1.1-r1**
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## 1.697 sqlhooks 1.3.0

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# 1.1 lib-pq 1.10.4

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```
//go:build go1.10
// +build go1.10

package pq

import (
    "context"
    "database/sql/driver"
)

// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
    return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A
// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
// on it.
type NoticeHandlerConnector struct {
    driver.Connector
    noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
```

```

// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
    c, err := n.Connector.Connect(ctx)
    if err == nil {
        SetNoticeHandler(c, n.noticeHandler)
    }
    return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and setting the notice
// handler. A nil notice handler may be used to unset it.
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        c.noticeHandler = handler
        return c
    }
    return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}

```

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## 1.2 errors 0.9.1

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## 1.3 apt 2.0.8

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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```
Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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## 1.4 jinja2 2.11.2

### 1.4.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
import io
import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/jinja2/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*?)"', f.read(), re.M).group(1)

setup(
    name="Jinja2",
    version=version,
    url="https://palletsprojects.com/p/jinja/",
    project_urls={
        "Documentation": "https://jinja.palletsprojects.com/",
        "Code": "https://github.com/pallets/jinja",
        "Issue tracker": "https://github.com/pallets/jinja/issues",
    },
    license="BSD-3-Clause",
    author="Armin Ronacher",
    author_email="armin.ronacher@active-4.com",
    maintainer="Pallets",
    maintainer_email="contact@palletsprojects.com",
```

```

description="A very fast and expressive template engine.",
long_description=readme,
classifiers=[
    "Development Status :: 5 - Production/Stable",
    "Environment :: Web Environment",
    "Intended Audience :: Developers",
    "License :: OSI Approved :: BSD License",
    "Operating System :: OS Independent",
    "Programming Language :: Python",
    "Programming Language :: Python :: 2",
    "Programming Language :: Python :: 2.7",
    "Programming Language :: Python :: 3",
    "Programming Language :: Python :: 3.5",
    "Programming Language :: Python :: 3.6",
    "Programming Language :: Python :: 3.7",
    "Programming Language :: Python :: 3.8",
    "Programming Language :: Python :: Implementation :: CPython",
    "Programming Language :: Python :: Implementation :: PyPy",
    "Topic :: Internet :: WWW/HTTP :: Dynamic Content",
    "Topic :: Software Development :: Libraries :: Python Modules",
    "Topic :: Text Processing :: Markup :: HTML",
],
packages=find_packages("src"),
package_dir={"": "src"},
include_package_data=True,
python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
install_requires=["MarkupSafe>=0.23"],
extras_require={"i18n": ["Babel>=0.8"]},
entry_points={"babel.extractors": ["jinja2 = jinja2.ext:babel_extract[i18n]"]},
)

```

Found in path(s):

\* /opt/cola/permits/1160880513\_1620412497.03/0/jinja2-2-11-2-1-tar-gz/Jinja2-2.11.2/setup.py

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Found in path(s):

\* /opt/cola/permits/1160880513\_1620412497.03/0/jinja2-2-11-2-1-tar-gz/Jinja2-2.11.2/LICENSE.rst

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Metadata-Version: 2.1

Name: Jinja2

Version: 2.11.2

Summary: A very fast and expressive template engine.

Home-page: <https://palletsprojects.com/p/jinja/>

Author: Armin Ronacher

Author-email: [armin.ronacher@active-4.com](mailto:armin.ronacher@active-4.com)

Maintainer: Pallets

Maintainer-email: [contact@palletsprojects.com](mailto:contact@palletsprojects.com)

License: BSD-3-Clause

Project-URL: Documentation, <https://jinja.palletsprojects.com/>

Project-URL: Code, <https://github.com/pallets/jinja>

Project-URL: Issue tracker, <https://github.com/pallets/jinja/issues>

Description: Jinja

=====

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async

functions.

- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

## Installing

-----

Install and update using `pip`\_:

.. code-block:: text

```
$ pip install -U Jinja2
```

.. \_pip: <https://pip.pypa.io/en/stable/quickstart/>

## In A Nutshell

-----

.. code-block:: jinja

```
{% extends "base.html" % }
{% block title % }Members{% endblock % }
{% block content % }
<ul>
  {% for user in users % }
    <li><a href="{{ user.url }}">{{ user.username }}</a></li>
  {% endfor % }
</ul>
{% endblock % }
```

## Links

-----

- Website: <https://palletsprojects.com/p/jinja/>
- Documentation: <https://jinja.palletsprojects.com/>
- Releases: <https://pypi.org/project/Jinja2/>
- Code: <https://github.com/pallets/jinja>



- Issue tracker: <https://github.com/pallets/jinja/issues>
- Test status: [https://dev.azure.com/pallets/jinja/\\_build](https://dev.azure.com/pallets/jinja/_build)
- Official chat: <https://discord.gg/t6rrQZH>

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: 3.7

Classifier: Programming Language :: Python :: 3.8

Classifier: Programming Language :: Python :: Implementation :: CPython

Classifier: Programming Language :: Python :: Implementation :: PyPy

Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content

Classifier: Topic :: Software Development :: Libraries :: Python Modules

Classifier: Topic :: Text Processing :: Markup :: HTML

Requires-Python: >=2.7, !=3.0.\*, !=3.1.\*, !=3.2.\*, !=3.3.\*, !=3.4.\*

Description-Content-Type: text/x-rst

Provides-Extra: i18n

Found in path(s):

\* /opt/cola/permits/1160880513\_1620412497.03/0/jinja2-2-11-2-1-tar-gz/Jinja2-2.11.2/PKG-INFO

\* /opt/cola/permits/1160880513\_1620412497.03/0/jinja2-2-11-2-1-tar-gz/Jinja2-2.11.2/src/Jinja2.egg-info/PKG-INFO

## 1.5 sqlite 3.36.0-r0

### 1.5.1 Available under license :

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/\*

\*\* CAPI3REF: Configuration Options

\*\* KEYWORDS: {configuration option}

\*\*

\*\* These constants are the available integer configuration options that

\*\* can be passed as the first argument to the [sqlite3\_config()] interface.

\*\*

\*\* New configuration options may be added in future releases of SQLite.

\*\* Existing configuration options might be discontinued. Applications

\*\* should check the return code from [sqlite3\_config()] to make sure that

\*\* the call worked. The [sqlite3\_config()] interface will return a  
 \*\* non-zero [error code] if a discontinued or unsupported configuration option  
 \*\* is invoked.  
 \*\*  
 \*\* <dl>  
 \*\* [[SQLITE\_CONFIG\_SINGLETHREAD]] <dt>SQLITE\_CONFIG\_SINGLETHREAD</dt>  
 \*\* <dd>There are no arguments to this option. ^This option sets the  
 \*\* [threading mode] to Single-thread. In other words, it disables  
 \*\* all mutexing and puts SQLite into a mode where it can only be used  
 \*\* by a single thread. ^If SQLite is compiled with  
 \*\* the [SQLITE\_THREADSAFE | SQLITE\_THREADSAFE=0] compile-time option then  
 \*\* it is not possible to change the [threading mode] from its default  
 \*\* value of Single-thread and so [sqlite3\_config()] will return  
 \*\* [SQLITE\_ERROR] if called with the SQLITE\_CONFIG\_SINGLETHREAD  
 \*\* configuration option.</dd>  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_MULTITHREAD]] <dt>SQLITE\_CONFIG\_MULTITHREAD</dt>  
 \*\* <dd>There are no arguments to this option. ^This option sets the  
 \*\* [threading mode] to Multi-thread. In other words, it disables  
 \*\* mutexing on [database connection] and [prepared statement] objects.  
 \*\* The application is responsible for serializing access to  
 \*\* [database connections] and [prepared statements]. But other mutexes  
 \*\* are enabled so that SQLite will be safe to use in a multi-threaded  
 \*\* environment as long as no two threads attempt to use the same  
 \*\* [database connection] at the same time. ^If SQLite is compiled with  
 \*\* the [SQLITE\_THREADSAFE | SQLITE\_THREADSAFE=0] compile-time option then  
 \*\* it is not possible to set the Multi-thread [threading mode] and  
 \*\* [sqlite3\_config()] will return [SQLITE\_ERROR] if called with the  
 \*\* SQLITE\_CONFIG\_MULTITHREAD configuration option.</dd>  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_SERIALIZED]] <dt>SQLITE\_CONFIG\_SERIALIZED</dt>  
 \*\* <dd>There are no arguments to this option. ^This option sets the  
 \*\* [threading mode] to Serialized. In other words, this option enables  
 \*\* all mutexes including the recursive  
 \*\* mutexes on [database connection] and [prepared statement] objects.  
 \*\* In this mode (which is the default when SQLite is compiled with  
 \*\* [SQLITE\_THREADSAFE=1]) the SQLite library will itself serialize access  
 \*\* to [database connections] and [prepared statements] so that the  
 \*\* application is free to use the same [database connection] or the  
 \*\* same [prepared statement] in different threads at the same time.  
 \*\* ^If SQLite is compiled with  
 \*\* the [SQLITE\_THREADSAFE | SQLITE\_THREADSAFE=0] compile-time option then  
 \*\* it is not possible to set the Serialized [threading mode] and  
 \*\* [sqlite3\_config()] will return [SQLITE\_ERROR] if called with the  
 \*\* SQLITE\_CONFIG\_SERIALIZED configuration option.</dd>  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_MALLOC]] <dt>SQLITE\_CONFIG\_MALLOC</dt>  
 \*\* <dd> ^The SQLITE\_CONFIG\_MALLOC option takes a single argument which is

\*\* a pointer to an instance of the [sqlite3\_mem\_methods] structure.

\*\* The argument specifies

\*\* alternative low-level memory allocation routines to be used in place of

\*\* the memory allocation routines built into SQLite.)^ ^SQLite makes

\*\* its own private copy of the content of the [sqlite3\_mem\_methods] structure

\*\* before the [sqlite3\_config()] call returns.</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_GETMALLOC]] <dt>SQLITE\_CONFIG\_GETMALLOC</dt>

\*\* <dd> ^The SQLITE\_CONFIG\_GETMALLOC option takes a single argument which

\*\* is a pointer to an instance of the [sqlite3\_mem\_methods] structure.

\*\* The [sqlite3\_mem\_methods]

\*\* structure is filled with the currently defined memory allocation routines.)^

\*\* This option can be used to overload the default memory allocation

\*\* routines with a wrapper that simulations memory allocation failure or

\*\* tracks memory usage, for example. </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_SMALL\_MALLOC]] <dt>SQLITE\_CONFIG\_SMALL\_MALLOC</dt>

\*\* <dd> ^The SQLITE\_CONFIG\_SMALL\_MALLOC option takes single argument of

\*\* type int, interpreted as a boolean, which if true provides a hint to

\*\* SQLite that it should avoid large memory allocations if possible.

\*\* SQLite will run faster if it is free to make large memory allocations,

\*\* but some application might prefer to run slower in exchange for

\*\* guarantees about memory fragmentation that are possible if large

\*\* allocations are avoided. This hint is normally off.

\*\* </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_MEMSTATUS]] <dt>SQLITE\_CONFIG\_MEMSTATUS</dt>

\*\* <dd> ^The SQLITE\_CONFIG\_MEMSTATUS option takes single argument of type int,

\*\* interpreted as a boolean, which enables or disables the collection of

\*\* memory allocation statistics. ^When memory allocation statistics are

\*\* disabled, the following SQLite interfaces become non-operational:

\*\* <ul>

\*\* <li> [sqlite3\_hard\_heap\_limit64()]

\*\* <li> [sqlite3\_memory\_used()]

\*\* <li> [sqlite3\_memory\_highwater()]

\*\* <li> [sqlite3\_soft\_heap\_limit64()]

\*\* <li> [sqlite3\_status64()]

\*\* </ul>)^

\*\* ^Memory allocation statistics are enabled by default unless SQLite is

\*\* compiled with [SQLITE\_DEFAULT\_MEMSTATUS]=0 in which case memory

\*\* allocation statistics are disabled by default.

\*\* </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_SCRATCH]] <dt>SQLITE\_CONFIG\_SCRATCH</dt>

\*\* <dd> The SQLITE\_CONFIG\_SCRATCH option is no longer used.

\*\* </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_PAGECACHE]] <dt>SQLITE\_CONFIG\_PAGECACHE</dt>

\*\* <dd> ^The `SQLITE_CONFIG_PAGECACHE` option specifies a memory pool  
 \*\* that SQLite can use for the database page cache with the default page  
 \*\* cache implementation.  
 \*\* This configuration option is a no-op if an application-defined page  
 \*\* cache implementation is loaded using the `[SQLITE_CONFIG_PAGECACHE2]`.  
 \*\* ^There are three arguments to `SQLITE_CONFIG_PAGECACHE`: A pointer to  
 \*\* 8-byte aligned memory (`pMem`), the size of each page cache line (`sz`),  
 \*\* and the number of cache lines (`N`).  
 \*\* The `sz` argument should be the size of the largest database page  
 \*\* (a power of two between 512 and 65536) plus some extra bytes for each  
 \*\* page header. ^The number of extra bytes needed by the page header  
 \*\* can be determined using `[SQLITE_CONFIG_PAGECACHE_HDRSZ]`.  
 \*\* ^It is harmless, apart from the wasted memory,  
 \*\* for the `sz` parameter to be larger than necessary. The `pMem`  
 \*\* argument must be either a `NULL` pointer or a pointer to an 8-byte  
 \*\* aligned block of memory of at least `sz*N` bytes, otherwise  
 \*\* subsequent behavior is undefined.  
 \*\* ^When `pMem` is not `NULL`, SQLite will strive to use the memory provided  
 \*\* to satisfy page cache needs, falling back to `[sqlite3_malloc()]` if  
 \*\* a page cache line is larger than `sz` bytes or if all of the `pMem` buffer  
 \*\* is exhausted.  
 \*\* ^If `pMem` is `NULL` and `N` is non-zero, then each database connection  
 \*\* does an initial bulk allocation for page cache memory  
 \*\* from `[sqlite3_malloc()]` sufficient for `N` cache lines if `N` is positive or  
 \*\* of `-1024*N` bytes if `N` is negative. . ^If additional  
 \*\* page cache memory is needed beyond what is provided by the initial  
 \*\* allocation, then SQLite goes to `[sqlite3_malloc()]` separately for each  
 \*\* additional cache line. </dd>  
 \*\*  
 \*\* `[SQLITE_CONFIG_HEAP]` <dt>`SQLITE_CONFIG_HEAP`</dt>  
 \*\* <dd> ^The `SQLITE_CONFIG_HEAP` option specifies a static memory buffer  
 \*\* that SQLite will use for all of its dynamic memory allocation needs  
 \*\* beyond those provided for by `[SQLITE_CONFIG_PAGECACHE]`.  
 \*\* ^The `SQLITE_CONFIG_HEAP` option is only available if SQLite is compiled  
 \*\* with either `[SQLITE_ENABLE_MEMSYS3]` or `[SQLITE_ENABLE_MEMSYS5]` and returns  
 \*\* `[SQLITE_ERROR]` if invoked otherwise.  
 \*\* ^There are three arguments to `SQLITE_CONFIG_HEAP`:  
 \*\* An 8-byte aligned pointer to the memory,  
 \*\* the number of bytes in the memory buffer, and the minimum allocation size.  
 \*\* ^If the first pointer (the memory pointer) is `NULL`, then SQLite reverts  
 \*\* to using its default memory allocator (the system `malloc()` implementation),  
 \*\* undoing any prior invocation of `[SQLITE_CONFIG_MALLOC]`. ^If the  
 \*\* memory pointer is not `NULL` then the alternative memory  
 \*\* allocator is engaged to handle all of SQLites memory allocation needs.  
 \*\* The first pointer (the memory pointer) must be aligned to an 8-byte  
 \*\* boundary or subsequent behavior of SQLite will be undefined.  
 \*\* The minimum allocation size is capped at  $2^{12}$ . Reasonable values  
 \*\* for the minimum allocation size are  $2^5$  through  $2^8$ .</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_MUTEX]] <dt>SQLITE\_CONFIG\_MUTEX</dt>

\*\* <dd> ^(The SQLITE\_CONFIG\_MUTEX option takes a single argument which is a pointer to an instance of the [sqlite3\_mutex\_methods] structure. The argument specifies alternative low-level mutex routines to be used in place the mutex routines built into SQLite.)^ ^SQLite makes a copy of the content of the [sqlite3\_mutex\_methods] structure before the call to [sqlite3\_config()] returns. ^If SQLite is compiled with the [SQLITE\_THREADSafe | SQLITE\_THREADSafe=0] compile-time option then the entire mutexing subsystem is omitted from the build and hence calls to [sqlite3\_config()] with the SQLITE\_CONFIG\_MUTEX configuration option will return [SQLITE\_ERROR].</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_GETMUTEX]] <dt>SQLITE\_CONFIG\_GETMUTEX</dt>

\*\* <dd> ^(The SQLITE\_CONFIG\_GETMUTEX option takes a single argument which is a pointer to an instance of the [sqlite3\_mutex\_methods] structure. The [sqlite3\_mutex\_methods] structure is filled with the currently defined mutex routines.)^ This option can be used to overload the default mutex allocation routines with a wrapper used to track mutex usage for performance profiling or testing, for example. ^If SQLite is compiled with the [SQLITE\_THREADSafe | SQLITE\_THREADSafe=0] compile-time option then the entire mutexing subsystem is omitted from the build and hence calls to [sqlite3\_config()] with the SQLITE\_CONFIG\_GETMUTEX configuration option will return [SQLITE\_ERROR].</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_LOOKASIDE]] <dt>SQLITE\_CONFIG\_LOOKASIDE</dt>

\*\* <dd> ^(The SQLITE\_CONFIG\_LOOKASIDE option takes two arguments that determine the default size of lookaside memory on each [database connection]. The first argument is the size of each lookaside buffer slot and the second is the number of slots allocated to each database connection.)^ ^(SQLITE\_CONFIG\_LOOKASIDE sets the <i>default</i> lookaside size. The [SQLITE\_DBCONFIG\_LOOKASIDE] option to [sqlite3\_db\_config()] can be used to change the lookaside configuration on individual connections.)^ </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_PCACHE2]] <dt>SQLITE\_CONFIG\_PCACHE2</dt>

\*\* <dd> ^(The SQLITE\_CONFIG\_PCACHE2 option takes a single argument which is a pointer to an [sqlite3\_pcache\_methods2] object. This object specifies the interface to a custom page cache implementation.)^ ^SQLite makes a copy of the [sqlite3\_pcache\_methods2] object.</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_GETPCACHE2]] <dt>SQLITE\_CONFIG\_GETPCACHE2</dt>

\*\* <dd> ^(The SQLITE\_CONFIG\_GETPCACHE2 option takes a single argument which is a pointer to an [sqlite3\_pcache\_methods2] object. SQLite copies of the current page cache implementation into that object.)^ </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_LOG]] <dt>SQLITE\_CONFIG\_LOG</dt>

\*\* <dd> The SQLITE\_CONFIG\_LOG option is used to configure the SQLite
 \*\* global [error log].
 \*\* (^The SQLITE\_CONFIG\_LOG option takes two arguments: a pointer to a
 \*\* function with a call signature of void(\*)(void\*,int,const char\*),
 \*\* and a pointer to void. ^If the function pointer is not NULL, it is
 \*\* invoked by [sqlite3\_log()] to process each logging event. ^If the
 \*\* function pointer is NULL, the [sqlite3\_log()] interface becomes a no-op.
 \*\* ^The void pointer that is the second argument to SQLITE\_CONFIG\_LOG is
 \*\* passed through as the first parameter to the application-defined logger
 \*\* function whenever that function is invoked. ^The second parameter to
 \*\* the logger function is a copy of the first parameter to the corresponding
 \*\* [sqlite3\_log()] call and is intended to be a [result code] or an
 \*\* [extended result code]. ^The third parameter passed to the logger is
 \*\* log message after formatting via [sqlite3\_snprintf()].
 \*\* The SQLite logging interface is not reentrant; the logger function
 \*\* supplied by the application must not invoke any SQLite interface.
 \*\* In a multi-threaded application, the application-defined logger
 \*\* function must be threadsafe. </dd>
 \*\*
 \*\* [[SQLITE\_CONFIG\_URI]] <dt>SQLITE\_CONFIG\_URI
 \*\* <dd>^The SQLITE\_CONFIG\_URI option takes a single argument of type int.
 \*\* If non-zero, then URI handling is globally enabled. If the parameter is zero,
 \*\* then URI handling is globally disabled.)^ ^If URI handling is globally
 \*\* enabled, all filenames passed to [sqlite3\_open()], [sqlite3\_open\_v2()],
 \*\* [sqlite3\_open16()] or
 \*\* specified as part of [ATTACH] commands are interpreted as URIs, regardless
 \*\* of whether or not the [SQLITE\_OPEN\_URI] flag is set when the database
 \*\* connection is opened. ^If it is globally disabled, filenames are
 \*\* only interpreted as URIs if the SQLITE\_OPEN\_URI flag is set when the
 \*\* database connection is opened. ^By default, URI handling is globally
 \*\* disabled. The default value may be changed by compiling with the
 \*\* [SQLITE\_USE\_URI] symbol defined.)^
 \*\*
 \*\* [[SQLITE\_CONFIG\_COVERING\_INDEX\_SCAN]] <dt>SQLITE\_CONFIG\_COVERING\_INDEX\_SCAN
 \*\* <dd>^The SQLITE\_CONFIG\_COVERING\_INDEX\_SCAN option takes a single integer
 \*\* argument which is interpreted as a boolean in order to enable or disable
 \*\* the use of covering indices for full table scans in the query optimizer.
 \*\* ^The default setting is determined
 \*\* by the [SQLITE\_ALLOW\_COVERING\_INDEX\_SCAN] compile-time option, or is "on"
 \*\* if that compile-time option is omitted.
 \*\* The ability to disable the use of covering indices for full table scans
 \*\* is because some incorrectly coded legacy applications might malfunction
 \*\* when the optimization is enabled. Providing the ability to
 \*\* disable the optimization allows the older, buggy application code to work
 \*\* without change even with newer versions of SQLite.
 \*\*
 \*\* [[SQLITE\_CONFIG\_PCACHE]] [[SQLITE\_CONFIG\_GETPCACHE]]
 \*\* <dt>SQLITE\_CONFIG\_PCACHE and SQLITE\_CONFIG\_GETPCACHE

\*\* <dd> These options are obsolete and should not be used by new code.  
 \*\* They are retained for backwards compatibility but are now no-ops.  
 \*\* </dd>  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_SQLLOG]]  
 \*\* <dt>SQLITE\_CONFIG\_SQLLOG  
 \*\* <dd>This option is only available if sqlite is compiled with the  
 \*\* [SQLITE\_ENABLE\_SQLLOG] pre-processor macro defined. The first argument should  
 \*\* be a pointer to a function of type void(\*)(void\*,sqlite3\*,const char\*, int).  
 \*\* The second should be of type (void\*). The callback is invoked by the library  
 \*\* in three separate circumstances, identified by the value passed as the  
 \*\* fourth parameter. If the fourth parameter is 0, then the database connection  
 \*\* passed as the second argument has just been opened. The third argument  
 \*\* points to a buffer containing the name of the main database file. If the  
 \*\* fourth parameter is 1, then the SQL statement that the third parameter  
 \*\* points to has just been executed. Or, if the fourth parameter is 2, then  
 \*\* the connection being passed as the second parameter is being closed. The  
 \*\* third parameter is passed NULL in this case. An example of using this  
 \*\* configuration option can be seen in the "test\_sqllog.c" source file in  
 \*\* the canonical SQLite source tree.</dd>  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_MMAP\_SIZE]]  
 \*\* <dt>SQLITE\_CONFIG\_MMAP\_SIZE  
 \*\* <dd>^SQLITE\_CONFIG\_MMAP\_SIZE takes two 64-bit integer (sqlite3\_int64) values  
 \*\* that are the default mmap size limit (the default setting for  
 \*\* [PRAGMA mmap\_size]) and the maximum allowed mmap size limit.  
 \*\* ^The default setting can be overridden by each database connection using  
 \*\* either the [PRAGMA mmap\_size] command, or by using the  
 \*\* [SQLITE\_FCNTL\_MMAP\_SIZE] file control. ^(The maximum allowed mmap size  
 \*\* will be silently truncated if necessary so that it does not exceed the  
 \*\* compile-time maximum mmap size set by the  
 \*\* [SQLITE\_MAX\_MMAP\_SIZE] compile-time option.)^  
 \*\* ^If either argument to this option is negative, then that argument is  
 \*\* changed to its compile-time default.  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_WIN32\_HEAPSIZE]]  
 \*\* <dt>SQLITE\_CONFIG\_WIN32\_HEAPSIZE  
 \*\* <dd>^The SQLITE\_CONFIG\_WIN32\_HEAPSIZE option is only available if SQLite is  
 \*\* compiled for Windows with the [SQLITE\_WIN32\_MALLOC] pre-processor macro  
 \*\* defined. ^SQLITE\_CONFIG\_WIN32\_HEAPSIZE takes a 32-bit unsigned integer value  
 \*\* that specifies the maximum size of the created heap.  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_PCACHE\_HDRSZ]]  
 \*\* <dt>SQLITE\_CONFIG\_PCACHE\_HDRSZ  
 \*\* <dd>^The SQLITE\_CONFIG\_PCACHE\_HDRSZ option takes a single parameter which  
 \*\* is a pointer to an integer and writes into that integer the number of extra  
 \*\* bytes per page required for each page in [SQLITE\_CONFIG\_PAGECACHE].  
 \*\* The amount of extra space required can change depending on the compiler,

\*\* target platform, and SQLite version.  
\*\*

\*\* [[SQLITE\_CONFIG\_PMASZ]]  
\*\* <dt>SQLITE\_CONFIG\_PMASZ  
\*\* <dd>^The SQLITE\_CONFIG\_PMASZ option takes a single parameter which  
\*\* is an unsigned integer and sets the "Minimum PMA Size" for the multithreaded  
\*\* sorter to that integer. The default minimum PMA Size is set by the  
\*\* [SQLITE\_SORTER\_PMASZ] compile-time option. New threads are launched  
\*\* to help with sort operations when multithreaded sorting  
\*\* is enabled (using the [PRAGMA threads] command) and the amount of content  
\*\* to be sorted exceeds the page size times the minimum of the  
\*\* [PRAGMA cache\_size] setting and this value.  
\*\*

\*\* [[SQLITE\_CONFIG\_STMTJRNL\_SPILL]]  
\*\* <dt>SQLITE\_CONFIG\_STMTJRNL\_SPILL  
\*\* <dd>^The SQLITE\_CONFIG\_STMTJRNL\_SPILL option takes a single parameter which  
\*\* becomes the [statement journal] spill-to-disk threshold.  
\*\* [Statement journals] are held in memory until their size (in bytes)  
\*\* exceeds this threshold, at which point they are written to disk.  
\*\* Or if the threshold is -1, statement journals are always held  
\*\* exclusively in memory.  
\*\* Since many statement journals never become large, setting the spill  
\*\* threshold to a value such as 64KiB can greatly reduce the amount of  
\*\* I/O required to support statement rollback.  
\*\* The default value for this setting is controlled by the  
\*\* [SQLITE\_STMTJRNL\_SPILL] compile-time option.  
\*\*

\*\* [[SQLITE\_CONFIG\_SORTERREF\_SIZE]]  
\*\* <dt>SQLITE\_CONFIG\_SORTERREF\_SIZE  
\*\* <dd>The SQLITE\_CONFIG\_SORTERREF\_SIZE option accepts a single parameter  
\*\* of type (int) - the new value of the sorter-reference size threshold.  
\*\* Usually, when SQLite uses an external sort to order records according  
\*\* to an ORDER BY clause, all fields required by the caller are present in the  
\*\* sorted records. However, if SQLite determines based on the declared type  
\*\* of a table column that its values are likely to be very large - larger  
\*\* than the configured sorter-reference size threshold - then a reference  
\*\* is stored in each sorted record and the required column values loaded  
\*\* from the database as records are returned in sorted order. The default  
\*\* value for this option is to never use this optimization. Specifying a  
\*\* negative value for this option restores the default behaviour.  
\*\* This option is only available if SQLite is compiled with the  
\*\* [SQLITE\_ENABLE\_SORTER\_REFERENCES] compile-time option.  
\*\*

\*\* [[SQLITE\_CONFIG\_MEMDB\_MAXSIZE]]  
\*\* <dt>SQLITE\_CONFIG\_MEMDB\_MAXSIZE  
\*\* <dd>The SQLITE\_CONFIG\_MEMDB\_MAXSIZE option accepts a single parameter  
\*\* [sqlite3\_int64] parameter which is the default maximum size for an in-memory  
\*\* database created using [sqlite3\_deserialize()]. This default maximum



```
** size can be adjusted up or down for individual databases using the
** [SQLITE_FCNTL_SIZE_LIMIT] [sqlite3_file_control|file-control]. If this
** configuration setting is never used, then the default maximum is determined
** by the [SQLITE_MEMMIB_DEFAULT_MAXSIZE] compile-time option. If that
** compile-time option is not set, then the default maximum is 1073741824.
** </dl>
**/
```

Found in path(s):

```
*/opt/cola/permits/1188427916_1645733692.08/0/sqlite-amalgamation-3380000-zip/sqlite-amalgamation-3380000/sqlite3.h
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
** CAPI3REF: Configuration Options
```

```
** KEYWORDS: {configuration option}
```

```
**
```

```
** These constants are the available integer configuration options that
** can be passed as the first argument to the [sqlite3_config()] interface.
```

```
**
```

```
** New configuration options may be added in future releases of SQLite.
```

```
** Existing configuration options might be discontinued. Applications
** should check the return code from [sqlite3_config()] to make sure that
** the call worked. The [sqlite3_config()] interface will return a
** non-zero [error code] if a discontinued or unsupported configuration option
** is invoked.
```

```
**
```

```
** <dl>
```

```
** [[SQLITE_CONFIG_SINGLETHREAD]] <dt>SQLITE_CONFIG_SINGLETHREAD</dt>
```

```
** <dd>There are no arguments to this option. ^This option sets the
** [threading mode] to Single-thread. In other words, it disables
** all mutexing and puts SQLite into a mode where it can only be used
** by a single thread. ^If SQLite is compiled with
```

```
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
** it is not possible to change the [threading mode] from its default
```

```
** value of Single-thread and so [sqlite3_config()] will return
** [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD
** configuration option.</dd>
```

```
**
```

```
** [[SQLITE_CONFIG_MULTITHREAD]] <dt>SQLITE_CONFIG_MULTITHREAD</dt>
```

```
** <dd>There are no arguments to this option. ^This option sets the
** [threading mode] to Multi-thread. In other words, it disables
** mutexing on [database connection] and [prepared statement] objects.
```

```
** The application is responsible for serializing access to
** [database connections] and [prepared statements]. But other mutexes
** are enabled so that SQLite will be safe to use in a multi-threaded
** environment as long as no two threads attempt to use the same
** [database connection] at the same time. ^If SQLite is compiled with
```

\*\* the [SQLITE\_THREADSAFE | SQLITE\_THREADSAFE=0] compile-time option then  
 \*\* it is not possible to set the Multi-thread [threading mode] and  
 \*\* [sqlite3\_config()] will return [SQLITE\_ERROR] if called with the  
 \*\* SQLITE\_CONFIG\_MULTITHREAD configuration option.</dd>  
 \*\*

\*\* [[SQLITE\_CONFIG\_SERIALIZED]] <dt>SQLITE\_CONFIG\_SERIALIZED</dt>  
 \*\* <dd>There are no arguments to this option. ^This option sets the  
 \*\* [threading mode] to Serialized. In other words, this option enables  
 \*\* all mutexes including the recursive  
 \*\* mutexes on [database connection] and [prepared statement] objects.  
 \*\* In this mode (which is the default when SQLite is compiled with  
 \*\* [SQLITE\_THREADSAFE=1]) the SQLite library will itself serialize access  
 \*\* to [database connections] and [prepared statements] so that the  
 \*\* application is free to use the same [database connection] or the  
 \*\* same [prepared statement] in different threads at the same time.  
 \*\* ^If SQLite is compiled with  
 \*\* the [SQLITE\_THREADSAFE | SQLITE\_THREADSAFE=0] compile-time option then  
 \*\* it is not possible to set the Serialized [threading mode] and  
 \*\* [sqlite3\_config()] will return [SQLITE\_ERROR] if called with the  
 \*\* SQLITE\_CONFIG\_SERIALIZED configuration option.</dd>  
 \*\*

\*\* [[SQLITE\_CONFIG\_MALLOC]] <dt>SQLITE\_CONFIG\_MALLOC</dt>  
 \*\* <dd> ^The SQLITE\_CONFIG\_MALLOC option takes a single argument which is  
 \*\* a pointer to an instance of the [sqlite3\_mem\_methods] structure.  
 \*\* The argument specifies  
 \*\* alternative low-level memory allocation routines to be used in place of  
 \*\* the memory allocation routines built into SQLite.)^ ^SQLite makes  
 \*\* its own private copy of the content of the [sqlite3\_mem\_methods] structure  
 \*\* before the [sqlite3\_config()] call returns.</dd>  
 \*\*

\*\* [[SQLITE\_CONFIG\_GETMALLOC]] <dt>SQLITE\_CONFIG\_GETMALLOC</dt>  
 \*\* <dd> ^The SQLITE\_CONFIG\_GETMALLOC option takes a single argument which  
 \*\* is a pointer to an instance of the [sqlite3\_mem\_methods] structure.  
 \*\* The [sqlite3\_mem\_methods]  
 \*\* structure is filled with the currently defined memory allocation routines.)^  
 \*\* This option can be used to overload the default memory allocation  
 \*\* routines with a wrapper that simulations memory allocation failure or  
 \*\* tracks memory usage, for example. </dd>  
 \*\*

\*\* [[SQLITE\_CONFIG\_SMALL\_MALLOC]] <dt>SQLITE\_CONFIG\_SMALL\_MALLOC</dt>  
 \*\* <dd> ^The SQLITE\_CONFIG\_SMALL\_MALLOC option takes single argument of  
 \*\* type int, interpreted as a boolean, which if true provides a hint to  
 \*\* SQLite that it should avoid large memory allocations if possible.  
 \*\* SQLite will run faster if it is free to make large memory allocations,  
 \*\* but some application might prefer to run slower in exchange for  
 \*\* guarantees about memory fragmentation that are possible if large  
 \*\* allocations are avoided. This hint is normally off.  
 \*\* </dd>

```

**
** [[SQLITE_CONFIG_MEMSTATUS]] <dt>SQLITE_CONFIG_MEMSTATUS</dt>
** <dd> ^The SQLITE_CONFIG_MEMSTATUS option takes single argument of type int,
** interpreted as a boolean, which enables or disables the collection of
** memory allocation statistics. ^(When memory allocation statistics are
** disabled, the following SQLite interfaces become non-operational:
** <ul>
** <li> [sqlite3_hard_heap_limit64()]
** <li> [sqlite3_memory_used()]
** <li> [sqlite3_memory_highwater()]
** <li> [sqlite3_soft_heap_limit64()]
** <li> [sqlite3_status64()]
** </ul>)^
** ^Memory allocation statistics are enabled by default unless SQLite is
** compiled with [SQLITE_DEFAULT_MEMSTATUS]=0 in which case memory
** allocation statistics are disabled by default.
** </dd>
**
** [[SQLITE_CONFIG_SCRATCH]] <dt>SQLITE_CONFIG_SCRATCH</dt>
** <dd> The SQLITE_CONFIG_SCRATCH option is no longer used.
** </dd>
**
** [[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt>
** <dd> ^The SQLITE_CONFIG_PAGECACHE option specifies a memory pool
** that SQLite can use for the database page cache with the default page
** cache implementation.
** This configuration option is a no-op if an application-defined page
** cache implementation is loaded using the [SQLITE_CONFIG_PCACHE2].
** ^There are three arguments to SQLITE_CONFIG_PAGECACHE: A pointer to
** 8-byte aligned memory (pMem), the size of each page cache line (sz),
** and the number of cache lines (N).
** The sz argument should be the size of the largest database page
** (a power of two between 512 and 65536) plus some extra bytes for each
** page header. ^The number of extra bytes needed by the page header
** can be determined using [SQLITE_CONFIG_PCACHE_HDRSZ].
** ^It is harmless, apart from the wasted memory,
** for the sz parameter to be larger than necessary. The pMem
** argument must be either a NULL pointer or a pointer to an 8-byte
** aligned block of memory of at least sz*N bytes, otherwise
** subsequent behavior is undefined.
** ^When pMem is not NULL, SQLite will strive to use the memory provided
** to satisfy page cache needs, falling back to [sqlite3_malloc()] if
** a page cache line is larger than sz bytes or if all of the pMem buffer
** is exhausted.
** ^If pMem is NULL and N is non-zero, then each database connection
** does an initial bulk allocation for page cache memory
** from [sqlite3_malloc()] sufficient for N cache lines if N is positive or
** of -1024*N bytes if N is negative, . ^If additional

```

\*\* page cache memory is needed beyond what is provided by the initial  
 \*\* allocation, then SQLite goes to [sqlite3\_malloc()] separately for each  
 \*\* additional cache line. </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_HEAP]] <dt>SQLITE\_CONFIG\_HEAP</dt>  
 \*\* <dd> ^The SQLITE\_CONFIG\_HEAP option specifies a static memory buffer  
 \*\* that SQLite will use for all of its dynamic memory allocation needs  
 \*\* beyond those provided for by [SQLITE\_CONFIG\_PAGECACHE].  
 \*\* ^The SQLITE\_CONFIG\_HEAP option is only available if SQLite is compiled  
 \*\* with either [SQLITE\_ENABLE\_MEMSYS3] or [SQLITE\_ENABLE\_MEMSYS5] and returns  
 \*\* [SQLITE\_ERROR] if invoked otherwise.  
 \*\* ^There are three arguments to SQLITE\_CONFIG\_HEAP:  
 \*\* An 8-byte aligned pointer to the memory,  
 \*\* the number of bytes in the memory buffer, and the minimum allocation size.  
 \*\* ^If the first pointer (the memory pointer) is NULL, then SQLite reverts  
 \*\* to using its default memory allocator (the system malloc() implementation),  
 \*\* undoing any prior invocation of [SQLITE\_CONFIG\_MALLOC]. ^If the  
 \*\* memory pointer is not NULL then the alternative memory  
 \*\* allocator is engaged to handle all of SQLite's memory allocation needs.  
 \*\* The first pointer (the memory pointer) must be aligned to an 8-byte  
 \*\* boundary or subsequent behavior of SQLite will be undefined.  
 \*\* The minimum allocation size is capped at 2\*\*12. Reasonable values  
 \*\* for the minimum allocation size are 2\*\*5 through 2\*\*8.</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_MUTEX]] <dt>SQLITE\_CONFIG\_MUTEX</dt>  
 \*\* <dd> ^(The SQLITE\_CONFIG\_MUTEX option takes a single argument which is a  
 \*\* pointer to an instance of the [sqlite3\_mutex\_methods] structure.  
 \*\* The argument specifies alternative low-level mutex routines to be used  
 \*\* in place of the mutex routines built into SQLite.)^ ^SQLite makes a copy of  
 \*\* the content of the [sqlite3\_mutex\_methods] structure before the call to  
 \*\* [sqlite3\_config()] returns. ^If SQLite is compiled with  
 \*\* the [SQLITE\_THREADSAFE | SQLITE\_THREADSAFE=0] compile-time option then  
 \*\* the entire mutexing subsystem is omitted from the build and hence calls to  
 \*\* [sqlite3\_config()] with the SQLITE\_CONFIG\_MUTEX configuration option will  
 \*\* return [SQLITE\_ERROR].</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_GETMUTEX]] <dt>SQLITE\_CONFIG\_GETMUTEX</dt>  
 \*\* <dd> ^(The SQLITE\_CONFIG\_GETMUTEX option takes a single argument which  
 \*\* is a pointer to an instance of the [sqlite3\_mutex\_methods] structure. The  
 \*\* [sqlite3\_mutex\_methods]  
 \*\* structure is filled with the currently defined mutex routines.)^  
 \*\* This option can be used to overload the default mutex allocation  
 \*\* routines with a wrapper used to track mutex usage for performance  
 \*\* profiling or testing, for example. ^If SQLite is compiled with  
 \*\* the [SQLITE\_THREADSAFE | SQLITE\_THREADSAFE=0] compile-time option then  
 \*\* the entire mutexing subsystem is omitted from the build and hence calls to  
 \*\* [sqlite3\_config()] with the SQLITE\_CONFIG\_GETMUTEX configuration option will  
 \*\* return [SQLITE\_ERROR].</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_LOOKASIDE]] <dt>SQLITE\_CONFIG\_LOOKASIDE</dt>

\*\* <dd> ^(The SQLITE\_CONFIG\_LOOKASIDE option takes two arguments that determine

\*\* the default size of lookaside memory on each [database connection].

\*\* The first argument is the

\*\* size of each lookaside buffer slot and the second is the number of

\*\* slots allocated to each database connection.)^ ^(SQLITE\_CONFIG\_LOOKASIDE

\*\* sets the <i>default</i> lookaside size. The [SQLITE\_DBCONFIG\_LOOKASIDE]

\*\* option to [sqlite3\_db\_config()] can be used to change the lookaside

\*\* configuration on individual connections.)^ </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_PCACHE2]] <dt>SQLITE\_CONFIG\_PCACHE2</dt>

\*\* <dd> ^(The SQLITE\_CONFIG\_PCACHE2 option takes a single argument which is

\*\* a pointer to an [sqlite3\_pcache\_methods2] object. This object specifies

\*\* the interface to a custom page cache implementation.)^

\*\* ^SQLite makes a copy of the [sqlite3\_pcache\_methods2] object.</dd>

\*\*

\*\* [[SQLITE\_CONFIG\_GETPCACHE2]] <dt>SQLITE\_CONFIG\_GETPCACHE2</dt>

\*\* <dd> ^(The SQLITE\_CONFIG\_GETPCACHE2 option takes a single argument which

\*\* is a pointer to an [sqlite3\_pcache\_methods2] object. SQLite copies of

\*\* the current page cache implementation into that object.)^ </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_LOG]] <dt>SQLITE\_CONFIG\_LOG</dt>

\*\* <dd> The SQLITE\_CONFIG\_LOG option is used to configure the SQLite

\*\* global [error log].

\*\* (^The SQLITE\_CONFIG\_LOG option takes two arguments: a pointer to a

\*\* function with a call signature of void(\*)(void\*,int,const char\*),

\*\* and a pointer to void. ^If the function pointer is not NULL, it is

\*\* invoked by [sqlite3\_log()] to process each logging event. ^If the

\*\* function pointer is NULL, the [sqlite3\_log()] interface becomes a no-op.

\*\* ^The void pointer that is the second argument to SQLITE\_CONFIG\_LOG is

\*\* passed through as the first parameter to the application-defined logger

\*\* function whenever that function is invoked. ^The second parameter to

\*\* the logger function is a copy of the first parameter to the corresponding

\*\* [sqlite3\_log()] call and is intended to be a [result code] or an

\*\* [extended result code]. ^The third parameter passed to the logger is

\*\* log message after formatting via [sqlite3\_snprintf()].

\*\* The SQLite logging interface is not reentrant; the logger function

\*\* supplied by the application must not invoke any SQLite interface.

\*\* In a multi-threaded application, the application-defined logger

\*\* function must be threadsafe. </dd>

\*\*

\*\* [[SQLITE\_CONFIG\_URI]] <dt>SQLITE\_CONFIG\_URI

\*\* <dd>^(The SQLITE\_CONFIG\_URI option takes a single argument of type int.

\*\* If non-zero, then URI handling is globally enabled. If the parameter is zero,

\*\* then URI handling is globally disabled.)^ ^If URI handling is globally

\*\* enabled, all filenames passed to [sqlite3\_open()], [sqlite3\_open\_v2()],

\*\* [sqlite3\_open16()] or

\*\* specified as part of [ATTACH] commands are interpreted as URIs, regardless  
 \*\* of whether or not the [SQLITE\_OPEN\_URI] flag is set when the database  
 \*\* connection is opened. ^If it is globally disabled, filenames are  
 \*\* only interpreted as URIs if the SQLITE\_OPEN\_URI flag is set when the  
 \*\* database connection is opened. ^By default, URI handling is globally  
 \*\* disabled. The default value may be changed by compiling with the  
 \*\* [SQLITE\_USE\_URI] symbol defined.)^  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_COVERING\_INDEX\_SCAN]] <dt>SQLITE\_CONFIG\_COVERING\_INDEX\_SCAN  
 \*\* <dd>^The SQLITE\_CONFIG\_COVERING\_INDEX\_SCAN option takes a single integer  
 \*\* argument which is interpreted as a boolean in order to enable or disable  
 \*\* the use of covering indices for full table scans in the query optimizer.  
 \*\* ^The default setting is determined  
 \*\* by the [SQLITE\_ALLOW\_COVERING\_INDEX\_SCAN] compile-time option, or is "on"  
 \*\* if that compile-time option is omitted.  
 \*\* The ability to disable the use of covering indices for full table scans  
 \*\* is because some incorrectly coded legacy applications might malfunction  
 \*\* when the optimization is enabled. Providing the ability to  
 \*\* disable the optimization allows the older, buggy application code to work  
 \*\* without change even with newer versions of SQLite.  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_PCACHE]] [[SQLITE\_CONFIG\_GETPCACHE]]  
 \*\* <dt>SQLITE\_CONFIG\_PCACHE and SQLITE\_CONFIG\_GETPCACHE  
 \*\* <dd> These options are obsolete and should not be used by new code.  
 \*\* They are retained for backwards compatibility but are now no-ops.  
 \*\* </dd>  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_SQLLOG]]  
 \*\* <dt>SQLITE\_CONFIG\_SQLLOG  
 \*\* <dd>This option is only available if sqlite is compiled with the  
 \*\* [SQLITE\_ENABLE\_SQLLOG] pre-processor macro defined. The first argument should  
 \*\* be a pointer to a function of type void\*(void\*,sqlite3\*,const char\*, int).  
 \*\* The second should be of type (void\*). The callback is invoked by the library  
 \*\* in three separate circumstances, identified by the value passed as the  
 \*\* fourth parameter. If the fourth parameter is 0, then the database connection  
 \*\* passed as the second argument has just been opened. The third argument  
 \*\* points to a buffer containing the name of the main database file. If the  
 \*\* fourth parameter is 1, then the SQL statement that the third parameter  
 \*\* points to has just been executed. Or, if the fourth parameter is 2, then  
 \*\* the connection being passed as the second parameter is being closed. The  
 \*\* third parameter is passed NULL In this case. An example of using this  
 \*\* configuration option can be seen in the "test\_sqllog.c" source file in  
 \*\* the canonical SQLite source tree.</dd>  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_MMAP\_SIZE]]  
 \*\* <dt>SQLITE\_CONFIG\_MMAP\_SIZE  
 \*\* <dd>^SQLITE\_CONFIG\_MMAP\_SIZE takes two 64-bit integer (sqlite3\_int64) values  
 \*\* that are the default mmap size limit (the default setting for

\*\* [PRAGMA mmap\_size]) and the maximum allowed mmap size limit.  
 \*\* ^The default setting can be overridden by each database connection using  
 \*\* either the [PRAGMA mmap\_size] command, or by using the  
 \*\* [SQLITE\_FCNTL\_MMAP\_SIZE] file control. ^(The maximum allowed mmap size  
 \*\* will be silently truncated if necessary so that it does not exceed the  
 \*\* compile-time maximum mmap size set by the  
 \*\* [SQLITE\_MAX\_MMAP\_SIZE] compile-time option.)^  
 \*\* ^If either argument to this option is negative, then that argument is  
 \*\* changed to its compile-time default.  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_WIN32\_HEAPSIZE]]  
 \*\* <dt>SQLITE\_CONFIG\_WIN32\_HEAPSIZE  
 \*\* <dd>^The SQLITE\_CONFIG\_WIN32\_HEAPSIZE option is only available if SQLite is  
 \*\* compiled for Windows with the [SQLITE\_WIN32\_MALLOC] pre-processor macro  
 \*\* defined. ^SQLITE\_CONFIG\_WIN32\_HEAPSIZE takes a 32-bit unsigned integer value  
 \*\* that specifies the maximum size of the created heap.  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_PCACHE\_HDRSZ]]  
 \*\* <dt>SQLITE\_CONFIG\_PCACHE\_HDRSZ  
 \*\* <dd>^The SQLITE\_CONFIG\_PCACHE\_HDRSZ option takes a single parameter which  
 \*\* is a pointer to an integer and writes into that integer the number of extra  
 \*\* bytes per page required for each page in [SQLITE\_CONFIG\_PAGECACHE].  
 \*\* The amount of extra space required can change depending on the compiler,  
 \*\* target platform, and SQLite version.  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_PMASZ]]  
 \*\* <dt>SQLITE\_CONFIG\_PMASZ  
 \*\* <dd>^The SQLITE\_CONFIG\_PMASZ option takes a single parameter which  
 \*\* is an unsigned integer and sets the "Minimum PMA Size" for the multithreaded  
 \*\* sorter to that integer. The default minimum PMA Size is set by the  
 \*\* [SQLITE\_SORTER\_PMASZ] compile-time option. New threads are launched  
 \*\* to help with sort operations when multithreaded sorting  
 \*\* is enabled (using the [PRAGMA threads] command) and the amount of content  
 \*\* to be sorted exceeds the page size times the minimum of the  
 \*\* [PRAGMA cache\_size] setting and this value.  
 \*\*  
 \*\* [[SQLITE\_CONFIG\_STMTJRNL\_SPILL]]  
 \*\* <dt>SQLITE\_CONFIG\_STMTJRNL\_SPILL  
 \*\* <dd>^The SQLITE\_CONFIG\_STMTJRNL\_SPILL option takes a single parameter which  
 \*\* becomes the [statement journal] spill-to-disk threshold.  
 \*\* [Statement journals] are held in memory until their size (in bytes)  
 \*\* exceeds this threshold, at which point they are written to disk.  
 \*\* Or if the threshold is -1, statement journals are always held  
 \*\* exclusively in memory.  
 \*\* Since many statement journals never become large, setting the spill  
 \*\* threshold to a value such as 64KiB can greatly reduce the amount of  
 \*\* I/O required to support statement rollback.  
 \*\* The default value for this setting is controlled by the

```

** [SQLITE_STMTJRNL_SPILL] compile-time option.
**
** [[SQLITE_CONFIG_SORTERREF_SIZE]]
** <dt>SQLITE_CONFIG_SORTERREF_SIZE
** <dd>The SQLITE_CONFIG_SORTERREF_SIZE option accepts a single parameter
** of type (int) - the new value of the sorter-reference size threshold.
** Usually, when SQLite uses an external sort to order records according
** to an ORDER BY clause, all fields required by the caller are present in the
** sorted records. However, if SQLite determines based on the declared type
** of a table column that its values are likely to be very large - larger
** than the configured sorter-reference size threshold - then a reference
** is stored in each sorted record and the required column values loaded
** from the database as records are returned in sorted order. The default
** value for this option is to never use this optimization. Specifying a
** negative value for this option restores the default behaviour.
** This option is only available if SQLite is compiled with the
** [SQLITE_ENABLE_SORTER_REFERENCES] compile-time option.
**
** [[SQLITE_CONFIG_MEMDB_MAXSIZE]]
** <dt>SQLITE_CONFIG_MEMDB_MAXSIZE
** <dd>The SQLITE_CONFIG_MEMDB_MAXSIZE option accepts a single parameter
** [sqlite3_int64] parameter which is the default maximum size for an in-memory
** database created using [sqlite3_deserialize()]. This default maximum
** size can be adjusted up or down for individual databases using the
** [SQLITE_FCNTL_SIZE_LIMIT] [sqlite3_file_control|file-control]. If this
** configuration setting is never used, then the default maximum is determined
** by the [SQLITE_MEMDB_DEFAULT_MAXSIZE] compile-time option. If that
** compile-time option is not set, then the default maximum is 1073741824.
** </dd>
** /
** /*
** The "printf" code that follows dates from the 1980's. It is in
** the public domain.
**
** *****
**
** This file contains code for a set of "printf"-like routines. These
** routines format strings much like the printf() from the standard C
** library, though the implementation here has enhancements to support
** SQLite.
** /
** /*
** 2004 May 22
**
** The author disclaims copyright to this source code. In place of
** a legal notice, here is a blessing:
**
** May you do good and not evil.

```



```

** May you find forgiveness for yourself and forgive others.
** May you share freely, never taking more than you give.
**
*****
**
** This file contains the VFS implementation for unix-like operating systems
** include Linux, MacOSX, *BSD, QNX, VxWorks, AIX, HPUX, and others.
**
** There are actually several different VFS implementations in this file.
** The differences are in the way that file locking is done. The default
** implementation uses Posix Advisory Locks. Alternative implementations
** use flock(), dot-files, various proprietary locking schemas, or simply
** skip locking all together.
**
** This source file is organized into divisions where the logic for various
** subfunctions is contained within the appropriate division. PLEASE
** KEEP THE STRUCTURE OF THIS FILE INTACT. New code should be placed
** in the correct division and should be clearly labeled.
**
** The layout of divisions is as follows:
**
** * General-purpose declarations and utility functions.
** * Unique file ID logic used by VxWorks.
** * Various locking primitive implementations (all except proxy locking):
**   + for Posix Advisory Locks
**   + for no-op locks
**   + for dot-file locks
**   + for flock() locking
**   + for named semaphore locks (VxWorks only)
**   + for AFP filesystem locks (MacOSX only)
** * sqlite3_file methods not associated with locking.
** * Definitions of sqlite3_io_methods objects for all locking
**   methods plus "finder" functions for each locking method.
** * sqlite3_vfs method implementations.
** * Locking primitives for the proxy uber-locking-method. (MacOSX only)
** * Definitions of sqlite3_vfs objects for all locking methods
**   plus implementations of sqlite3_os_init() and sqlite3_os_end().
**
**/
/*
** Return a pointer to the "temporary page" buffer held internally
** by the pager. This is a buffer that is big enough to hold the
** entire content of a database page. This buffer is used internally
** during rollback and will be overwritten whenever a rollback
** occurs. But other modules are free to use it too, as long as
** no rollbacks are happening.
**/

```

Found in path(s):

```
* /opt/cola/permits/1188427916_1645733692.08/0/sqlite-amalgamation-3380000-zip/sqlite-amalgamation-3380000/sqlite3.c
```

No license file was found, but licenses were detected in source scan.

```
/* This will be more informative in a later version. */
```

Found in path(s):

```
* /opt/cola/permits/1188427916_1645733692.08/0/sqlite-amalgamation-3380000-zip/sqlite-amalgamation-3380000/shell.c
```

## 1.6 go-uber-org-multierr 1.6.0

### 1.6.1 Available under license :

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## 1.7 xz 5.2.5-r1

### 1.7.1 Available under license :

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=====

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```
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## 1.8 nuid 1.0.1

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## 1.9 py3-progress 1.6-r0

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## 1.18 arrow apache-arrow-3.0.0

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- \* Mark Wiebe
- \* Continuum Analytics

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogeralsing@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

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## 1.22 gojsondiff 1.0.0

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## 1.23 mpclib 1.1.0 1

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```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
```

- \* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
- \* <http://www.hypermall.com/>
- \* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY
- \* interrupts us (except possibly for removal/insertion of the cable?)
- \* 10/4/97 - began heavy inline documentation of the code. Corrected typos
- \* and spelling mistakes.
- \* 10/5/97 - added code to handle PHY interrupts, disable PHY on
- \* loss of link, and correctly re-enable PHY when link is
- \* re-established. (put back CFG\_PHYIE)
- \*
- \* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
- \*
- \* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
- \*
- \* Linux driver for the IDT77201 NICStAR PCI ATM controller.
- \* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
- \* see init\_nicstar() for PHY initialization to change this. This driver
- \* expects the Linux ATM stack to support scatter-gather lists
- \* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
- \*
- \* Implementing minimal-copy of received data:
- \* IDT always receives data into a small buffer, then large buffers
- \* as needed. This means that data must always be copied to create
- \* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
- \* Fix is simple: make large buffers large enough to hold entire
- \* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then
- \* copy small buffer contents to head of large buffer.
- \* Trick is to avoid fragmenting Linux, due to need for a lot of large
- \* buffers. This is done by 2 things:
- \* 1) skb->destructor / skb->atm.recycle\_buffer
- \* combined, allow nicstar\_free\_rx\_skb to be called to
- \* recycle large data buffers
- \* 2) skb\_clone of received buffers
- \* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation
- \* details.
- \*
- \*
- \*
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\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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```
@import 'mediawiki.mixins.less';
```

```
@import '../mmv.mixins.less';
```

```
.mw-mmvm-permission-box {  
  position: relative;  
  width: 90%;  
  margin: 10px 20px 0;
```

```
&.empty {  
  display: none;  
}
```

```
h3 {  
  margin: 10px;  
  padding: 0;  
  color: #54595d;  
  font-size: 0.95em;  
}
```

```

.mw-mmiv-permission-close {
display: none;
position: absolute;
top: 12px;
right: 8px;
width: 16px;
height: 16px;
background-image( 'img/x_gray.svg' );
cursor: pointer;
}

.mw-mmiv-permission-text {
@text-font-size: 0.9em;
@text-line-height: 1.4;
@lines-shown: 3;
position: relative;
max-height: @lines-shown * @text-line-height * @text-font-size;
overflow: hidden;
margin: 0 10px 10px;
font-size: @text-font-size;
line-height: @text-line-height;
color: #54595d;

.mw-mmiv-permission-text-fader {
position: absolute;
top: ( @lines-shown - 1 ) * @text-line-height * @text-font-size;
width: 100%;
height: @text-line-height * @text-font-size;
.fade-out-vertical();
text-align: right;

a {
padding: 3px 0 0 1em;
background-color: #fff;
font-size: 1em;
}
}
}

.mw-mmiv-permission-html {
padding: 0 15px 15px;
display: none;
max-height: 400px;
overflow: auto;
}

&.full-size {

```

```
.mw-mmV-permission-close {
display: block;
}

.mw-mmV-permission-text {
display: none;
}

.mw-mmV-permission-html {
display: block;
border-top: 1px solid #f8f9fa;
}
}
}
```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

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<signature of Ty Coon>, 1 April 1989  
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```
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```

```
<signature of Ty Coon>, 1 April 1989
```

Ty Coon, President of Vice

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## 1.31 python-idna 2.8-1

### 1.31.1 Available under license :

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```
* /opt/cola/permits/1138607654_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/LICENSE.rst
```

No license file was found, but licenses were detected in source scan.

```
"""
```

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

```
"""
```

```
import io, sys
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
```

```

'name': 'idna',
'packages': ['idna'],
'version': package_data['__version__'],
'description': 'Internationalized Domain Names in Applications (IDNA)',
'long_description': io.open("README.rst", encoding="UTF-8").read(),
'author': 'Kim Davies',
'author_email': 'kim@cynosure.com.au',
'license': 'BSD-like',
'url': 'https://github.com/kjd/idna',
'classifiers': [
    'Development Status :: 5 - Production/Stable',
    'Intended Audience :: Developers',
    'Intended Audience :: System Administrators',
    'License :: OSI Approved :: BSD License',
    'Operating System :: OS Independent',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Topic :: Internet :: Name Service (DNS)',
    'Topic :: Software Development :: Libraries :: Python Modules',
    'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
'test_suite': 'tests',
}

```

```
setup(**arguments)
```

```
if __name__ == '__main__':
    main()
```

Found in path(s):

\* /opt/cola/permits/1138607654\_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/setup.py

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Metadata-Version: 1.2

Name: idna

Version: 2.8

Summary: Internationalized Domain Names in Applications (IDNA)

Home-page: <https://github.com/kjd/idna>

Author: Kim Davies

Author-email: [kim@cynosure.com.au](mailto:kim@cynosure.com.au)

License: BSD-like

Description: Internationalized Domain Names in Applications (IDNA)

=====

Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in `RFC 5891 <<http://tools.ietf.org/html/rfc5891>>`\_. This is the latest version of the protocol and is sometimes referred to as “IDNA 2008”.

This library also provides support for Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`\_.

This acts as a suitable replacement for the “encodings.idna” module that comes with the Python standard library, but only supports the old, deprecated IDNA specification (RFC 3490 <<http://tools.ietf.org/html/rfc3490>>`\_).

Basic functions are simply executed:

```
.. code-block:: pycon

# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.

# Python 2
>>> import idna
>>> idna.encode(u'.')
'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
.
```

Packages

-----

The latest tagged release version is published in the PyPI repository:

```
.. image:: https://badge.fury.io/py/idna.svg
:target: http://badge.fury.io/py/idna
```

Installation

-----

To install this library, you can use pip:

```
.. code-block:: bash
```

```
$ pip install idna
```

Alternatively, you can install the package using the bundled setup script:

```
.. code-block:: bash
```

```
$ python setup.py install
```

This library works with Python 2.7 and Python 3.4 or later.

## Usage

-----

For typical usage, the `encode` and `decode` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.
```

You may use the codec encoding and decoding methods using the `idna.codec` module:

```
.. code-block:: pycon
```

```
# Python 2
>>> import idna.codec
>>> print u'.'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.
```

Conversions can be applied at a per-label basis using the `ulabel` or `alabel` functions if necessary:

```
.. code-block:: pycon
```

```
# Python 2
>>> idna.alabel(u")
'xn--0zwm56d'
```

Compatibility Mapping (UTS #46)

+++++

As described in `RFC 5895 <<http://tools.ietf.org/html/rfc5895>>`, the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`, it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as \*LATIN CAPITAL LETTER K\* is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

.. code-block:: pycon

```
# Python 3
>>> import idna
>>> idna.encode(u'Königsgäßchen')
...
idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
>>> idna.encode('Königsgäßchen', uts46=True)
b'xn--knigsgchen-b4a3dun'
>>> print(idna.decode('xn--knigsgchen-b4a3dun'))
königsgäßchen
```

Transitional processing provides conversions to help transition from the older 2003 standard to the current standard. For example, in the original IDNA specification, the \*LATIN SMALL LETTER SHARP S\* (ß) was converted into two \*LATIN SMALL LETTER S\* (ss), whereas in the current IDNA specification this conversion is not performed.

.. code-block:: pycon

```
# Python 2
>>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
'xn--knigsgschen-lcb0w'
```

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce unexpected incompatible results.

``encodings.idna`` Compatibility

+++++

Function calls from the Python built-in `encodings.idna` module are mapped to their IDNA 2008 equivalents using the `idna.compat` module. Simply substitute the `import` clause in your code to refer to the new module name.

#### Exceptions

-----

All errors raised during the conversion following the specification should raise an exception derived from the `idna.IDNAError` base class.

More specific exceptions that may be generated as `idna.IDNABidiError` when the error reflects an illegal combination of left-to-right and right-to-left characters in a label; `idna.InvalidCodepoint` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and `idna.InvalidCodepointContext` when the codepoint is illegal based on its positional context (i.e. it is CONTEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

#### Building and Diagnostics

-----

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria in the respective standards. These tables are computed using the command-line script `tools/idna-data`.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:

- \* `idna-data make-libdata`. Generates `idnadata.py` and `uts46data.py`, the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors who wish to track this library against a different Unicode version may use this tool to manually generate a different version of the `idnadata.py` and `uts46data.py` files.
- \* `idna-data make-table`. Generate a table of the IDNA disposition (e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC 5892 and the pre-computed tables published by IANA <<http://iana.org/>>.
- \* `idna-data U+0061`. Prints debugging output on the various properties associated with an individual Unicode codepoint (in this case, U+0061), that are used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging or analysis.

The tool accepts a number of arguments, described using `idna-data -h`. Most notably, the `--version` argument allows the specification of the version of Unicode to use

in computing the table data. For example, ``idna-data --version 9.0.0 make-libdata`` will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work in Python 2.7.

## Testing

-----

The library has a test suite based on each rule of the IDNA specification, as well as tests that are provided as part of the Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`.

The tests are run automatically on each commit at Travis CI:

```
.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
   :target: https://travis-ci.org/kjd/idna
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Topic :: Internet :: Name Service (DNS)

Classifier: Topic :: Software Development :: Libraries :: Python Modules

Classifier: Topic :: Utilities

Requires-Python: >=2.7, !=3.0.\*, !=3.1.\*, !=3.2.\*, !=3.3.\*

Found in path(s):

\* /opt/cola/permits/1138607654\_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/idna.egg-info/PKG-INFO

\* /opt/cola/permits/1138607654\_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/PKG-INFO

## 1.32 centrifugal-protocol 0.3.4

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# 1.34 argon2 0~20171227 0.2

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Upstream-Name: phc-winner-argon2

Source: <https://github.com/P-H-C/phc-winner-argon2>

Upstream-Contact: <https://github.com/P-H-C/phc-winner-argon2/issues>

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Argon2 reference source code package - reference C implementations

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## 1.38 python-certifi 2020.12.5

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

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## 1.42 gobject-introspection 1.64.1-

### 1~ubuntu20.04.1

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## 1.43 pcre 8.39-12ubuntu0.1

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THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

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## 1.44 pyserial 3.5

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## 1.46 py3-certifi 2020.12.5-r1

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

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```
Damian Gryski <dgryski@gmail.com>
Jan Mercl <0xjnm@gmail.com>
Jonathan Swinney <jswinney@amazon.com>
Kai Backman <kaib@golang.org>
Klaus Post <klauspost@gmail.com>
Marc-Antoine Ruel <maruel@chromium.org>
Nigel Tao <nigeltao@golang.org>
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Sebastien Binet <seb.binet@gmail.com>
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# Contributions to the urllib3 project

## Creator & Maintainer

\* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

In chronological order:

- \* victor.vde <<http://code.google.com/u/victor.vde/>>
- \* HTTPS patch (which inspired HTTPSConnectionPool)
  
- \* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
  
- \* niphlod <niphlod@gmail.com>
- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers
  
- \* btoconnor <brian@btoconnor.net>
- \* Non-multipart encoding for POST requests
  
- \* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>
- \* Code review, PEP8 compliance, benchmark fix
  
- \* kennethreitz <me@kennethreitz.com>
- \* Bugfixes, suggestions, Requests integration
  
- \* georgemarshall <<https://github.com/georgemarshall>>
- \* Bugfixes, Improvements and Test coverage
  
- \* Thomas Kluyver <thomas@kluyver.me.uk>
- \* Python 3 support
  
- \* brandon-rhodes <<http://rhodesmill.org/brandon>>
- \* Design review, bugfixes, test coverage.
  
- \* studer <theo.studer@gmail.com>
- \* IPv6 url support and test coverage
  
- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
- \* Support for explicitly closing pooled connections

- \* hartator <hartator@gmail.com>
- \* Corrected multipart behavior for params
  
- \* Thomas Weischuh <thomas@t-8ch.de>
- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>
- \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
  
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- \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<https://lukasa.co.uk/about/>>
- \* Stream method for Response objects.
- \* Return native strings in header values.
- \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
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- \* Stephen Holsapple <sholsapp@gmail.com>
- \* Added abstraction for granular control of request fields
  
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- \* Support for non-ASCII header parameters
  
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- \* HTTPResponse.tell() for determining amount received over the wire

- \* Nipunn Koorapati <nipunn1313@gmail.com>
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- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <https://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation
  
- \* Aaron Meurer <asmeurer@gmail.com>
- \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
- \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration

- \* Tomas Tomecek <ttomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <magicalgirl@google.com>
- \* App Engine environment tests.
- \* Documentation re-write.
  
- \* John Krauss <https://github.com/talos>
- \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <https://github.com/jmoldow>
- \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
- \* Creation of ``HTTPConnectionPool.ResponseCls``.
  
- \* Predrag Gruevski <https://github.com/obi1kenobi>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <https://github.com/a-tal>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <https://evanmeagher.net>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <jayvdb@gmail.com>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <andy.m.caldwell@googlemail.com>
- \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <ville.skytta@iki.fi>
- \* Logging efficiency improvements, spelling fixes, Travis config.



- \* Shige Takeda <smtakeda@gmail.com>
- \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jess Shapiro <jesse@jesseshapiro.net>
- \* Various character-encoding fixes/tweaks
- \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <http://dafoster.net/>
- \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <jeremy@jcline.org>
- \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <palaviv@gmail.com>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <nate.prewitt@gmail.com>
- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <sethmichaellarson@protonmail.com>
- \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <alex.dias@smarkets.com>
- \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
- \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
- \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.

- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite
  
- \* Will Bond <will@wbond.net>
- \* Add Python 2.6 support to ``contrib.securetransport``
  
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6
  
- \* Tim Bell <https://github.com/timb07>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
  
- \* Justin Bramley <https://github.com/jbramleycl>
- \* Add ability to handle multiple Content-Encodings
  
- \* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
- \* Remove Authorization header regardless of case when redirecting to cross-site
  
- \* [Your name or handle] <[email or website]>
- \* [Brief summary of your changes]

## 1.50 mpdecimal 2.4.2-3

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## A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
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ACPA,KAGAO/G,UAAA,WACAZrH,KAAA2rH,UACA3rH,KAAA2rH,SAAApnG,WAGAmnG,SAAA,WACA1r  
H,KAAA2rH,UACA3rH,KAAA2rH,SAAAJD,UAGAOe,eAAA,WACA9sH,KAAA2rH,UAEA3rH,KAAA2rH,SA  
AApmE,UAGAwN,E,UAAA,WACA,IAAAx/G,EAAAvN,KAAAUvN,OAIa,MAHA,oBAAAA,IACAA,OAEA,kBA  
AAA,EAEe+J,GAAO/J,GACiD,YAAhE,qBAAAA,EAAA,YAAyDk9G,GAAOI9G,KAA0Bu8F,GAASv8F,EAAA  
+gG,KAElG/gG,EAAA+gG,IACuE,YAAhE,qBAAA/gG,EAAA,YAAyDk9G,GAAOI9G,KAA0Bu8F,GAASv8F,  
GAElGA,EAEA,MAEA++G,OAAA,SAAAt+E,GACAhUc,KAAA4ID,MAAA,OAAA5X,IAEAw+E,QAAA,SAA  
Ax+E,GACAhUc,KAAA+rH,cAAA,GACA/rH,KAAA4ID,MAAA,kBACA5ID,KAAA4ID,MAAA,QAAA5X,IAE  
Ay+E,OAAA,SAAAz+E,GACAhUc,KAAA4ID,MAAA,OAAA5X,IAEA0+E,SAAA,SAAA1+E,GACAhUc,KAA

A+rH,cAAA,GAGA/rH,KAAAMsH,cACAnsH,KAAA4ID,MAAA,kBACA5ID,KAAA4ID,MAAA,SAAA5X,IAE  
A2+E,UAAA,SAAA3+E,GACAA,GAAA,YAAAA,EAAA3jC,OAIArK,KAAA4ID,MAAA,sBACA5ID,KAAA4ID  
,MAAA,cAEAgN,E,WAAA,SAAA5+E,GACAA,GAAA,aAAAA,EAAA3jC,OAIArK,KAAA4ID,MAAA,sBACA5I  
D,KAAA4ID,MAAA,aAEaUmE,YAAA,WAEAnsH,KAAAAsuG,KAAAtuG,KAAAI2G,MAAA5uD,OACArND,KA  
AAsuG,IAAAAtjG,YAAAhL,KAAAI2G,MAAA5uD,OAEArND,KAAAsuG,KAAAtuG,KAAAI2G,MAAArZf,SAC  
A5iB,KAAAsuG,IAAAAtjG,YAAAhL,KAAAI2G,MAAArZf,UAKAmpG,aAAA,SAAAr9F,GACAA,GACA1uB,K  
AAAI2G,MAAA5uD,QACArND,KAAA4rH,WAA4Bzd,GAAUnuG,KAAAI2G,MAAA5uD,MAAArND,KAAA8s  
H,eAAAJrH,KAAA7B,MAAmDmrH,KAEzFnrH,KAAAI2G,MAAArZf,UACA5iB,KAAA6rH,aAA8B1d,GAAUn  
uG,KAAAI2G,MAAArZf,QAAA5iB,KAAA8sH,eAAAJrH,KAAA7B,MAAqDmrH,OAG7FnrH,KAAA4rH,aACA  
5rH,KAAA4rH,WAAAXtC,aACAp+E,KAAA4rH,WAAA,MAEA5rH,KAAA6rH,eACA7rH,KAAA6rH,aAAAZtC,  
aACAp+E,KAAA6rH,aAAA,UC3TemB,GAAA,CACfvxD,OAAA,CAAW2vD,IACXnpE,OAAA,SAAAsZ,GACA  
,OAAAA,EAAA,OACAh4B,MAAA,WACA5Y,MAAA,CAAcC,QAAA,QACd9U,MAAA,CAAc88F,eAAA,IACT  
,CAAAR3C,EAAA,OAAa85B,IAAA,SAAer1F,KAAAywG,OAAAppD,OAAAkU,EAAA,OAAgC85B,IAAA,WA  
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A6I,OACAIwC,QAAA,IAEAvgC,QAAA,CACAvY,KAAA6I,OACAIwC,QAAA,IAEakiE,SAAA,CACAh+G,KA  
AA,CAAA6I,OAAAxF,OACAy1C,QAAA,SAEAwmC,UAAA,CACAt/E,KAAA6I,OACAIwC,QAAA,UAGA7+C,  
QAAA,CACAWnH,cAAA,WAEA,IAAAv+G,EAAAvN,KAAA+sH,YAOA,OANAx/G,EACAvN,KAAA2rH,SAA  
A,IAA4BpB,GAAOh9G,EAAAvN,KAAAsH,YAAAJsH,KAAAsQD,QAEnCrsD,KAAA2rH,SAAA,KACQ/c,GAA  
I,2CAEZ5uG,KAAA2rH,yBC4BAsB,GAAA,CACAr4B,QACAh0F,KAAA,cACAusD,WAAA,CACA+/D,cAAAn  
O,GACA7E,OAAA5J,GACA6c,aAAAZL,GACA0L,SAAAJ,GACAhrE,SAAArE,GAAA,YACAxoB,cACAYy,oB  
AEAXrF,MAAA,CAIA8G,SAAA,CACAvuB,KAAA6I,OACAIwC,QAAA,SAKAmqE,WAAA,CACAjjH,KAAA+  
4C,SAKAK7D,QAAA,CACAj0G,KAAA6I,OACAIwC,QAAA,kBAAAwgD,GAAA,WAAAZiG,IAAA,kBAKAm  
D,MAAA,CACAh9C,KAAA6I,OACAIwC,QAAA,kBAAAwgD,GAAA,WAAAZiG,IAAA,cAKAqSH,cAAA,CAC  
AljH,KAAAQD,MACAy1C,QAAA,kBAAAwgD,GAAA,WAAAZiG,IAAA,iCAKA6jG,QAAA,CACA16F,KAAA  
6I,OACAIwC,QAAA,kBAAAwgD,GAAA,WAAAZiG,IAAA,eAGA6nB,KAvDA,WAwDA,OACA41F,mBAAA,E  
ACAT,gBAAA,IAGA55G,QAAA,CACA+5G,qBADA,WAEAr+G,KAAA2+G,mBAAA,GAEAJ,aAJA,WAKAv+  
G,KAAAK+G,gBAAAI+G,KAAAK+G,eACAI+G,KAAAsQD,MAAAzG,MAAA,qBACA5ID,KAAAsQD,MAAAz  
G,MAAA,wBAGApuB,SAAA,CACAwmF,YADA,WAEA,OAAAh+G,KAAAsH,WAAA,oBCIjqVE,GAAA,GC  
QjVC,cAAYpsB,GACdmsB,GACAZP,GACAc,IACF,EACA,KACA,KACA,OAlA4O,GAAShgH,QAAAq1F,OAA  
A,kBACM,IAAAkrB,GAAAD,WCPBXE,GAAM,WAAgB,IAAAzrE,EAAAliD,KAAAmID,EAAAD,EAAAE,eAA  
0BC,EAAAH,EAAAI,MAAAD,IAAAF,EAAwB,OAAAE,EAAA,OAAIbvsC,MAAA,CAAOB,GAAAYtC,EAAA  
0rE,aAC7GC,GAAE,GCMnBC,GAAA,EAKAC,GAAA,CACAntH,KAAA,mBACAkb,MAAA,CAIAkX,IAAA,C  
ACA3+B,KAAA6I,OACAUqD,UAAA,GAKAtwD,QAAA,CACA9C,KAAAtJ,OACAoiD,QAAA,uBAGAp6B,KAI  
BA,WAmBA,OACA6kG,SAAA,eAAAJkH,SAAAmkH,MAGA9pE,QAvBA,WAuBA,IAAA2B,EAAA3ID,KACA  
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,EAAA4c,aCrC0V+gH,GAAA,GCOtVC,GAAY9sB,GACd6sB,GACAP,GACAE,IACF,EACA,KACA,KACA,M  
AIAM,GAAShhH,QAAAq1F,OAAA,uBACM,ICnBX4rB,GAAQC,GDmBGC,GAAAH,WEIbfl,GAAA,wBAKAC  
,GAAA,CACA5tH,KAAA,cACAkb,MAAA,CAIA+W,OAAA,CACAx+B,KAAA+4C,SAKA/IB,SAAA,CACAhz  
B,KAAAg5C,OACAF,QAAA,KAKAvGD,IAAA,CACAYH,KAAA6I,OACAIwC,QAAA,QAGAp6B,KAXBA,WAY  
BA,OACAnE,MAAA,OACAo/B,SAAA,EACAc,aAAA,IAGAJB,MAAA,CACAhb,OADA,SACA23E,GACAxgH,  
KAAAYuH,iBAGAxSE,OApCA,SAoCAsZ,GACA,OAAAA,EAAAv7D,KAAA4C,IAAA,CAAA+nB,MAAA3qB,  
KAAA2qB,MAAA0qE,IAAA,aAAAr1F,KAAAYwG,OAAAttD,UAEaA,QAvCA,WAuCA,IAAA2B,EAAA3ID,K  
ACAA,KAAA0uH,gBAAA,WACA/oE,EAAA3B,SAAA,EACA2B,EAAAgpE,cACAhpE,EAAaipE,WAAA13G,i  
BAAA,gBAAAYuC,EAAAgpE,gBAGAn3F,SAAA,CACAq3F,mBADA,WAEA,OACApvF,SAAA,SACAqvF,sBA  
AA,SACAC,sBAAA,GAAApIH,OAAA3J,KAAAq9B,SAAA,MACAsB,OAAA3+B,KAAAgkD,QAAA,GAAAr6C  
,OAAA3J,KAAA4uH,WAAA9pE,aAAA,UAGAKqE,sBATA,WAUa,OACAvvF,SAAA,SACAqvF,sBAAA,SACA  
C,sBAAA,GAAApIH,OAAA3J,KAAAq9B,SAAA,MACAsB,OAAA3+B,KAAAgkD,QAAA,GAAAr6C,OAAA3J,  
KAAAIvH,aAAA,eAGAC,oBAjBA,WAmBA,OAAAlvH,KAAA6oC,OAAA,GAAA7oC,KAAAgvH,uBAEArK,G





```

Object.defineProperty(ns, 'default', { enumerable: true, value: value });
(function(mode & 2 && typeof value !== 'string') for(var key in value) __webpack_require__d(ns, key, function(key) { return value[key]; }).bind(null, key));
return ns;
}
// getDefaultExport function for compatibility with non-harmony modules
__webpack_require__.n = function(module) {
  var getter = module && module.__esModule ?
    function getDefault() { return module['default']; } :
    function getModuleExports() { return module; };
  __webpack_require__d(getter, 'a', getter);
  return getter;
};
Object.prototype.hasOwnProperty.call(__webpack_require__.o = function(object, property) { return Object.prototype.hasOwnProperty.call(object, property); });
__webpack_public_path__
__webpack_require__.p = "";
// Load entry module and return exports
__webpack_require__(__webpack_require__.s = "fb15");
var Symbol = require('./_Symbol');
// Used for built-in method references.
var objectProto = Object.prototype;
// Used to check objects for own properties.
var hasOwnProperty = objectProto.hasOwnProperty;
// Used to resolve the
[ toStringTag ](http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.tostring)
of values.
var nativeObjectToString = objectProto.toString;
// Built-in value references.
var symToStringTag = Symbol ? Symbol.toStringTag : undefined;
// A specialized version of `baseGetTag` which ignores
`Symbol.toStringTag` values.
var private = '@private'
var param = { * } value The value to query.
@returns {string}
Returns the raw `toStringTag`.
function getRawTag(value) {
  var isOwn = hasOwnProperty.call(value, symToStringTag),
      tag = value[symToStringTag];
  try {
    value[symToStringTag] = undefined;
    var unmasked = true;
  } catch (e) {}
  var result = nativeObjectToString.call(value);
  if (unmasked) {
    if (isOwn) {
      value[symToStringTag] = tag;
    } else {
      delete value[symToStringTag];
    }
  }
  return result;
}
module.exports = getRawTag;
"use strict";
var LIBRARY = require('./_library');
var $export = require('./_export');
var redefine = require('./_redefine');
var hide = require('./_hide');
var Iterators = require('./_iterators');
var $iterCreate = require('./_iter-create');
var setToStringTag = require('./_set-to-string-tag');
var getPrototypeOf = require('./_object-gpo');
var ITERATOR = require('./_wks')('iterator');
var BUGGY = !([].keys && 'next' in [].keys()); // Safari has buggy iterators w/o `next`
var FF_ITERATOR = '@@iterator';
var KEYS = 'keys';
var VALUES = 'values';
var returnThis = function () { return this; };
module.exports = function (Base, NAME, Constructor, next, DEFAULT, IS_SET, FORCED) {
  var $iterCreate($iterCreate(Constructor, NAME, next));
  var getMethod = function (kind) {
    if (!BUGGY && kind in proto) return proto[kind];
    switch (kind) {
      case KEYS: return function keys() { return new Constructor(this, kind); };
      case VALUES: return function values() { return new Constructor(this, kind); };
    }
    return function entries() { return new Constructor(this, kind); };
  };
  var TAG = NAME + 'Iterator';
  var DEF_VALUES = DEFAULT == VALUES;
  var VALUES_BUG = false;
  var proto = Base.prototype;
  var $native = proto[ITERATOR] || proto[FF_ITERATOR] || DEFAULT && proto[DEFAULT];
  var $default = $native || getMethod(DEFAULT);
  var $entries = DEFAULT ? !DEF_VALUES ? $default : getMethod('entries') : undefined;
  var $anyNative = NAME == 'Array' ? proto.entries || $native : $native;
  var methods, key, IteratorPrototype;
  // Fix native
  ($anyNative) ? {
    IteratorPrototype = getPrototypeOf($anyNative.call(new Base()));
    if (IteratorPrototype !== Object.prototype && IteratorPrototype.next) {
      // Set @@toStringTag to native iterators
      setToStringTag(IteratorPrototype, TAG, true);
      // fix for some old engines
      if (!LIBRARY && typeof IteratorPrototype[ITERATOR] != 'function') hide(IteratorPrototype, ITERATOR, returnThis);
    }
  }
  // fix Array#{values, @@iterator}.name in V8 / FF
  if (DEF_VALUES && $native && $native.name !== VALUES) {
    VALUES_BUG = true;
    $default = function values() { return $native.call(this); };
  }
  // Define iterator
  if ((!LIBRARY || FORCED) && (BUGGY || VALUES_BUG || !proto[ITERATOR])) {
    hide(proto, ITERATOR, $default);
  }
  // Plug for library
  Iterators[NAME] = $default;
  Iterators[TAG] = returnThis;
  if (DEFAULT) {
    methods = {
      values: DEF_VALUES ? $default : getMethod(VALUES),
      keys: IS_SET ? $default : getMethod(KEYS),
      entries: $entries
    };
    if (FORCED) for (key in methods) {
      if (!(key in proto)) redefine(proto, key, methods[key]);
    } else $export($export.P + $export.F * (BUGGY || VALUES_BUG), NAME, methods);
  }
  return methods;
};
var isPrototype = require('./_isPrototype');
var nativeKeys = require('./_nativeKeys');
// Used for built-in method references.
var objectProto =

```

```

Object.prototype;\n\n/** Used to check objects for own properties. *\n\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * The base implementation of `_.keys` which doesn't treat sparse arrays as
dense.\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array
of property names.\n */\nfunction baseKeys(object) {\n  if (!isPrototype(object)) {\n    return nativeKeys(object);\n  }\n  var result = [];\n  for (var key in Object(object)) {\n    if (hasOwnProperty.call(object, key) && key !=
'constructor') {\n      result.push(key);\n    }\n  }\n  return result;\n}\n\nmodule.exports = baseKeys;\n", "var Symbol
= require('./_Symbol'),\n  isArguments = require('./isArguments'),\n  isArray = require('./isArray');\n\n/** Built-in
value references. *\n\nvar spreadableSymbol = Symbol ? Symbol.isConcatSpreadable : undefined;\n\n/**\n * Checks
if `value` is a flattenable `arguments` object or array.\n * @private\n * @param {*} value The value to check.\n *
@return {boolean} Returns `true` if `value` is flattenable, else `false`.\n */\nfunction isFlattenable(value) {\n
return isArray(value) || isArguments(value) ||\n  !(spreadableSymbol && value &&
value[spreadableSymbol]);\n}\n\nmodule.exports = isFlattenable;\n", "/**\n * This method returns `false`.\n * @static\n *
@memberOf _\n * @since 4.13.0\n * @category Util\n * @returns {boolean} Returns `false`.\n *
@example\n * _._.times(2, _._.stubFalse);\n * // => [false, false]\n */\nfunction stubFalse() {\n  return
false;\n}\n\nmodule.exports = stubFalse;\n", "/**\n * Appends the elements of `values` to `array`.\n * @private\n *
@param {Array} array The array to modify.\n * @param {Array} values The values to append.\n * @returns
{Array} Returns `array`.\n */\nfunction arrayPush(array, values) {\n  var index = -1,\n    length = values.length,\n
offset = array.length;\n\n  while (++index < length) {\n    array[offset + index] = values[index];\n  }\n  return
array;\n}\n\nmodule.exports = arrayPush;\n", "var isObject = require('./isObject');\n\n/**\n * Checks if `value` is
suitable for strict equality comparisons, i.e. `===`.\n * @private\n * @param {*} value The value to check.\n *
@return {boolean} Returns `true` if `value` is suitable for strict\n * equality comparisons, else `false`.\n */\nfunction
isStrictComparable(value) {\n  return value === value && !isObject(value);\n}\n\nmodule.exports =
isStrictComparable;\n", "import mod from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-
oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/SharingOptions.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export * from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/SharingOptions.vue?vue&type=style&index=0&lang=scss&\"; // https://github.com/tc39/proposal-
promise-finally\n'use strict';\nvar $export = require('./_export');\nvar core = require('./_core');\nvar global =
require('./_global');\nvar speciesConstructor = require('./_species-constructor');\nvar promiseResolve =
require('./_promise-resolve');\n\n$export($export.P + $export.R, 'Promise', { 'finally': function (onFinally) {\n  var C
= speciesConstructor(this, core.Promise || global.Promise);\n  var isFunction = typeof onFinally == 'function';\n  return
this.then(\n    isFunction ? function (x) {\n      return promiseResolve(C, onFinally()).then(function () { return
x; });\n    } : onFinally,\n    isFunction ? function (e) {\n      return promiseResolve(C, onFinally()).then(function () {
throw e; });\n    } : onFinally\n  );\n});\n", "var baseIsNative = require('./_baseIsNative'),\n  getValue =
require('./_getValue');\n\n/**\n * Gets the native function at `key` of `object`.\n * @private\n * @param
{Object} object The object to query.\n * @param {string} key The key of the method to get.\n * @returns {*}
Returns the function if it's native, else `undefined`.\n */\nfunction getNative(object, key) {\n  var value =
getValue(object, key);\n  return baseIsNative(value) ? value : undefined;\n}\n\nmodule.exports = getNative;\n", "use
strict";\n\n21.2.5.3 get RegExp.prototype.flags\nvar anObject = require('./_an-object');\n\nmodule.exports = function ()
{\n  var that = anObject(this);\n  var result = "";\n  if (that.global) result += 'g';\n  if (that.ignoreCase) result +=
'i';\n  if (that.multiline) result += 'm';\n  if (that.unicode) result += 'u';\n  if (that.sticky) result += 'y';\n  return

```

```

result;\n};\n", "var root = require('./_root'),\n  stubFalse = require('./stubFalse');\n\n/** Detect free variable
`exports`.*/\nvar freeExports = typeof exports === 'object' && exports && !exports.nodeType && exports;\n\n/**
Detect free variable `module`.*/\nvar freeModule = freeExports && typeof module === 'object' && module &&
!module.nodeType && module;\n\n/** Detect the popular CommonJS extension `module.exports`.*/\nvar
moduleExports = freeModule && freeModule.exports === freeExports;\n\n/** Built-in value references.*/\nvar
Buffer = moduleExports ? root.Buffer : undefined;\n\n/** Built-in method references for those with the same name as
other `lodash` methods.*/\nvar nativeIsBuffer = Buffer ? Buffer.isBuffer : undefined;\n\n/**\n * Checks if `value`
is a buffer.\n * \n * @static\n * @memberOf _\n * @since 4.3.0\n * @category Lang\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is a buffer, else `false`.\n * @example\n * \n *
_.isBuffer(new Buffer(2));\n * // => true\n * \n * _.isBuffer(new Uint8Array(2));\n * // => false\n * \n * \n * \n *
var isBuffer =
nativeIsBuffer || stubFalse;\n\nmodule.exports = isBuffer;\n", "// 19.1.2.14 / 15.2.3.14 Object.keys(O)\nvar $keys =
require('./_object-keys-internal');\nvar enumBugKeys = require('./_enum-bug-keys');\n\nmodule.exports =
Object.keys || function keys(O) {\n  return $keys(O, enumBugKeys);\n};\n", "var identity = require('./identity'),\n
overRest = require('./_overRest'),\n  setToString = require('./_setToString');\n\n/**\n * The base implementation of
`_rest` which doesn't validate or coerce arguments.\n * \n * @private\n * @param {Function} func The function to
apply a rest parameter to.\n * @param {number} [start=func.length-1] The start position of the rest parameter.\n *
@return {Function} Returns the new function.\n * \n * \n * \n * \n * \n * \n * \n * \n * \n * \n * \n * \n *
function baseRest(func, start) {\n  return
setToString(overRest(func, start, identity), func + "");\n}\n\nmodule.exports = baseRest;\n", "import mod from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbeddableFooter.vue?vue&type=style&index=0&id=36cb84e2&lang=scss&scoped=true&\"; export
default mod; export * from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-
0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbeddableFooter.vue?vue&type=style&index=0&id=36cb84e2&lang=scss&scoped=true&\";\"use
strict\";\n\nmodule.exports = function (x) {\n\tif (!x) return false;\n\tif (typeof x === 'symbol') return true;\n\tif
(!x.constructor) return false;\n\tif (x.constructor.name !== 'Symbol') return false;\n\treturn
(x[x.constructor.toStringTag] === 'Symbol');\n};\n", "/*!\n * jQuery JavaScript Library v3.3.1\n *
https://jquery.com/\n * \n * Includes Sizzle.js\n * https://sizzlejs.com/\n * \n * Copyright JS Foundation and other
contributors\n * Released under the MIT license\n * https://jquery.org/license\n * \n * Date: 2018-01-20T17:24Z\n
*\n * \n *
function( global, factory ) {\n\tif ( !use strict\";\n\tif ( typeof module === \"object\" && typeof
module.exports === \"object\" ) {\n\t\t// For CommonJS and CommonJS-like environments where a proper
`window` is present, execute the factory and get jQuery.\n\t\t// For environments that do not have a `window`
with a `document` (such as Node.js), expose a factory as module.exports.\n\t\t// This accentuates the need for
the creation of a real `window`. e.g. var jQuery = require(\"jquery\")(window);\n\t\t// See ticket #14549 for
more info.\n\t\tmodule.exports = global.document ?\n\t\t\tfactory( global, true ) :\n\t\t\tfunction( w ) {\n\t\t\t\tif (
!w.document )\n\t\t\t\t\tthrow new Error( \"jQuery requires a window with a document\" );\n\t\t\t\treturn
factory( w );\n\t\t\t};\n\t\t} else {\n\t\t\tfactory( global );\n\t\t}\n\t}\n\n// Pass this if window is not defined yet\n})(
typeof window !== \"undefined\" ? window : this, function( window, noGlobal ) {\n\t// Edge <= 12 - 13+, Firefox <=18 -
45+, IE 10 - 11, Safari 5.1 - 9+, iOS 6 - 9.1\n\t// throw exceptions when non-strict code (e.g., ASP.NET 4.5) accesses
strict mode\n\t// arguments.callee.caller (trac-13335). But as of jQuery 3.0 (2016), strict mode should be common\n\t//
enough that all such attempts are guarded in a try block.\n\t\"use strict\";\n\tvar arr = [];\n\tvar document =
window.document;\n\tvar getProto = Object.getPrototypeOf;\n\tvar slice = arr.slice;\n\tvar concat =

```









```

( qsaError ) {
  finally {
    ( nid === expando ) {
      context.removeAttribute( "id" );
    }
  }
  All others
  return select( selector.replace( rtrim, "$1" ), context, results, seed );
}

/**
 * Create key-value caches of limited size
 * @returns {function(string, object)}
 * Returns the Object data after storing it on itself with
 * property name the (space-suffixed) string and (if the cache
 * is larger than Expr.cacheLength)
 * deleting the oldest entry
 */
function createCache() {
  var keys = [];
  function cache( key, value ) {
    // Use (key + " ") to avoid collision with native prototype properties (see Issue #157)
    if ( keys.push( key + " " ) > Expr.cacheLength ) {
      // Only keep the most recent entries
      delete cache[ keys.shift() ];
    }
    return ( cache[ key + " " ] = value );
  }
  return cache;
}

/**
 * Mark a function for special use by Sizzle
 * @param {Function} fn The function to mark
 */
function markFunction( fn ) {
  fn[ expando ] = true;
  return fn;
}

/**
 * Support testing using an element
 * @param {Function} fn Passed the created element and returns a boolean result
 */
function assert( fn ) {
  var el = document.createElement( "fieldset" );
  try {
    return !!fn( el );
  } catch ( e ) {
    return false;
  } finally {
    // Remove from its parent by default
    if ( el.parentNode ) {
      el.parentNode.removeChild( el );
    }
    // release memory in IE
    el = null;
  }
}

/**
 * Adds the same handler for all of the specified attrs
 * @param {String} attrs Pipe-separated list of attributes
 * @param {Function} handler The method that will be applied
 */
function addHandle( attrs, handler ) {
  var arr = attrs.split( "|" );
  var i = arr.length;
  while ( i-- ) {
    Expr.attrHandle[ arr[i] ] = handler;
  }
}

/**
 * Checks document order of two siblings
 * @param {Element} a
 * @param {Element} b
 * @returns {Number}
 * Returns less than 0 if a precedes b, greater than 0 if a follows b
 */
function siblingCheck( a, b ) {
  var cur = b && a, diff = cur && a.nodeType === 1 && b.nodeType === 1 && a.sourceIndex - b.sourceIndex;
  // Use IE sourceIndex if available on both nodes
  if ( diff ) {
    return diff;
  }
  // Check if b follows a
  if ( cur ) {
    while ( cur = cur.nextSibling ) {
      if ( cur === b ) {
        return -1;
      }
    }
  }
  return a ? 1 : -1;
}

/**
 * Returns a function to use in pseudos for input types
 * @param {String} type
 */
function createInputPseudo( type ) {
  return function( elem ) {
    var name = elem.nodeName.toLowerCase();
    return name === "input" && elem.type === type;
  };
}

/**
 * Returns a function to use in pseudos for buttons
 * @param {String} type
 */
function createButtonPseudo( type ) {
  return function( elem ) {
    var name = elem.nodeName.toLowerCase();
    return ( name === "input" || name === "button" ) && elem.type === type;
  };
}

/**
 * Returns a function to use in pseudos for :enabled/:disabled
 * @param {Boolean} disabled true for :disabled; false for :enabled
 */
function createDisabledPseudo( disabled ) {
  // Known :disabled false positives: fieldset[disabled] > legend:nth-of-type(n+2) :can-disable
  return function( elem ) {
    // Only certain elements can match :enabled or :disabled
    // https://html.spec.whatwg.org/multipage/scripting.html#selector-enabled
    // https://html.spec.whatwg.org/multipage/scripting.html#selector-disabled
    if ( "form" in elem ) {
      // Check for inherited disabledness on relevant non-disabled elements:
      // * listed form-associated elements in a disabled fieldset
      // https://html.spec.whatwg.org/multipage/forms.html#category-listed
      // https://html.spec.whatwg.org/multipage/forms.html#concept-fe-disabled
      // * option elements in a disabled optgroup
      // https://html.spec.whatwg.org/multipage/forms.html#concept-option-disabled
      // All such elements have a "form" property
      if ( elem.parentNode && elem.disabled === false ) {
        // Option elements defer to a parent optgroup if present
        if ( "label" in elem ) {
          if ( !elem.parentNode.disabled ) {
            return elem.disabled === disabled;
          }
        }
        return elem.disabled === disabled;
      }
    }
    // Support: IE 6 - 11
    // Use the isDisabled shortcut property to check for disabled fieldset ancestors
    return elem.isDisabled === disabled ||
      // Where there is no isDisabled, check manually
      !elem.isDisabled && !disabledAncestor( elem ) && elem.disabled === disabled;
  };
}

/**
 * Returns a function to use in pseudos for positionals
 * @param {Function} fn
 */
function createPositionalPseudo( fn ) {
  return function( ) {
    return fn( elem );
  };
}

```





```

return [ elem ];
TAG = support.getElementsByTagName ? function( tag, context ) {
  if ( typeof context.getElementsByTagName !== "undefined" ) {
    return context.getElementsByTagName( tag );
  }
  // DocumentFragment nodes don't have gEBTN
  else if ( support.qsa ) {
    return context.querySelectorAll( tag );
  }
  // By happy coincidence, a (broken) gEBTN appears on DocumentFragment nodes
  return context.getElementsByTagName( tag );
}
// Filter out possible comments
function( tag ) {
  while ( ( elem = results[i++] ) ) {
    if ( elem.nodeType === 1 ) {
      tmp.push( elem );
    }
  }
  return tmp;
}
// Class
Expr.find( "CLASS" ) = support.getElementsByClassName && function( className, context ) {
  if ( typeof context.getElementsByClassName !== "undefined" && documentIsHTML ) {
    return context.getElementsByClassName( className );
  }
  // QSA/matchesSelector
  //-----
  //----- *
  // QSA and matchesSelector
  // matchesSelector(:active) reports false when true (IE9/Opera 11.5)
  // trbuggyMatches = [];
  // qSa(:focus) reports false when true (Chrome 21)
  // We allow this because of a bug in IE8/9 that throws an error
  // whenever `document.activeElement` is accessed on an iframe
  // So, we allow :focus to pass through QSA all the time to avoid the IE error
  // See https://bugs.jquery.com/ticket/13378
  // trbuggyQSA = [];
  // (support.qsa = rnative.test( document.querySelector ))
  // Build QSA regex
  // Regex strategy adopted from Diego Perini
  // assert(function( el ) {
  //   Select is set to empty string on purpose
  //   This is to test IE's treatment of not explicitly
  //   setting a boolean content attribute,
  //   since its presence should be enough
  //   https://bugs.jquery.com/ticket/12359
  //   docElem.appendChild( el ).innerHTML = "<a id=" + expando + "></a>" +
  //   "<select id=" + expando + "><option selected=" +
  //   "></option></select>";
  //   Support: IE8, Opera 11-12.16
  //   Nothing should be selected when empty strings follow
  //   ^= or $= or *=
  //   The test attribute must be unknown in Opera but "safe" for WinRT
  //   https://msdn.microsoft.com/en-us/library/ie/hh465388.aspx#attribute_section
  //   el.querySelectorAll( "[msallowcapture^=]" ).length
  //   {
  //     trbuggyQSA.push( "[*^$]=|" + whitespace + "(?:'|\\/|\\\\)" );
  //     Support: IE8
  //     Boolean attributes and "value" are not treated correctly
  //     !el.querySelectorAll( "[selected]" ).length
  //     {
  //       trbuggyQSA.push( "\\|[" + whitespace + "(?:value|" +
  //         booleans + ")" );
  //       Support: Chrome<29, Android<4.4, Safari<7.0+, iOS<7.0+, PhantomJS<1.9.8+
  //       !el.querySelectorAll( "[id~=" + expando + "]" ).length
  //       {
  //         trbuggyQSA.push( "~=" );
  //         Webkit/Opera - :checked should return selected option elements
  //         http://www.w3.org/TR/2011/REC-css3-selectors-20110929/#checked
  //         IE8 throws error here and will not see later tests
  //         !el.querySelectorAll( ":checked" ).length
  //         {
  //           trbuggyQSA.push( ":checked" );
  //           Support: Safari 8+, iOS 8+
  //           https://bugs.webkit.org/show_bug.cgi?id=136851
  //           In-page `selector#id sibling-combinator selector` fails
  //           !el.querySelectorAll( "a#" + expando + "*" ).length
  //           {
  //             trbuggyQSA.push( ".#.[+~]" );
  //           }
  //           assert(function( el ) {
  //             el.innerHTML = "<a href=" + disabled + "></a>" +
  //             "<select disabled=" + disabled + "><option></select>";
  //             Support: Windows 8 Native Apps
  //             The type and name attributes are restricted during .innerHTML
  //             assignment
  //             input = document.createElement( "input" );
  //             input.setAttribute( "type", "hidden" );
  //             tel.appendChild( input ).setAttribute( "name", "D" );
  //             Support: IE8
  //             Enforce case-sensitivity of name attribute
  //             el.querySelectorAll( "[name=d]" ).length
  //             {
  //               trbuggyQSA.push( "name|" + whitespace + "[*^$]!~?=" );
  //               FF 3.5 - :enabled/:disabled and hidden elements (hidden
  //               elements are still enabled)
  //               IE8 throws error here and will not see later tests
  //               el.querySelectorAll( ":enabled" ).length !== 2
  //               {
  //                 trbuggyQSA.push( ":enabled", ":disabled" );
  //               }
  //               Support: IE9-11+
  //               IE's :disabled selector does not pick up the children of
  //               disabled fieldsets
  //               docElem.appendChild( el ).disabled = true;
  //               el.querySelectorAll( ":disabled" ).length !== 2
  //               {
  //                 trbuggyQSA.push( ":enabled", ":disabled" );
  //               }
  //               Opera 10-11 does not throw on post-comma

```



```

document, null, [ elem ] ).length > 0;
};
$.contains = function( context, elem ) {
// Set document vars if needed
if ( ( context.ownerDocument || context ) !== document ) {
$.setDocument( context );
}
return contains( context, elem );
};
$.attr = function( elem, name ) {
// Set document vars if needed
if ( ( elem.ownerDocument || elem ) !== document ) {
$.setDocument( elem );
}
var fn = Expr.attrHandle[ name.toLowerCase() ],
// Don't get fooled by Object.prototype properties (jQuery #13807)
tval = fn && hasOwn.call( Expr.attrHandle, name.toLowerCase() ) ? fn( elem, name, !documentIsHTML ) :
$.undefined;
return val !== undefined ? tval : $.support.attributes || !documentIsHTML ?
$.telem.getAttribute( name ) : $.t( val = elem.getAttributeNode( name ) ) && val.specified ? tval.value : $.t( null );
};
$.escape = function( sel ) {
return ( sel + "" ).replace( rcssescape, fcssescape );
};
$.error = function( msg ) {
throw new Error( "Syntax error, unrecognized expression: " + msg );
};
/**
 * Document sorting and removing duplicates
 * @param {ArrayLike} results
 */
$.uniqueSort = function( results ) {
var elem,
duplicates = [],
tj = 0,
ti = 0;
// Unless we
*know* we can detect duplicates, assume their presence
hasDuplicate = !support.detectDuplicates;
sortInput = !support.sortStable && results.slice( 0 );
results.sort( sortOrder );
if ( hasDuplicate ) {
while ( ( elem = results[ i++ ] ) ) {
if ( elem === results[ i ] ) {
tj = duplicates.push( i );
}
}
}
// Clear input after sorting to release objects
// See https://github.com/jquery/sizzle/pull/225
sortInput = null;
return results;
};
/**
 * Utility function for retrieving the text value of an array of DOM nodes
 * @param {Array|Element} elem
 */
$.getText = function( elem ) {
var node,
ret = "",
ti = 0,
nodeType = elem.nodeType;
if ( !nodeType ) {
// If no nodeType, this is expected to be an array
while ( ( node = elem[ i++ ] ) ) {
// Do not traverse comment nodes
ret += getText( node );
}
} else if ( nodeType === 1 || nodeType === 9 || nodeType === 11 ) {
// Use textContent for elements
// innerText usage removed for consistency of new lines (jQuery #11153)
if ( typeof elem.textContent === "string" ) {
return elem.textContent;
} else {
// Traverse its children
for ( elem = elem.firstChild; elem; elem = elem.nextSibling ) {
ret += getText( elem );
}
}
} else if ( nodeType === 3 || nodeType === 4 ) {
return elem.nodeValue;
}
// Do not include comment or processing instruction nodes
return ret;
};
$.Expr = Sizzle.selectors = {
// Can be adjusted by the user
cacheLength: 50,
createPseudo: markFunction,
match: matchExpr,
tattrHandle: {},
tfind: {},
trelative: { ">": { dir: "parentNode", first: true },
" ": { dir: "parentNode" },
"+": { dir: "previousSibling", first: true },
"~": { dir: "previousSibling" } },
tpreFilter: { "ATTR": function( match ) {
match[1].replace( runescape, funescape );
// Move the given value to match[3] whether quoted or unquoted
match[3] = ( match[3] || match[4] || match[5] || "" ).replace( runescape, funescape );
if ( match[2] === "~=" ) {
match[3] = " " + match[3] + " ";
}
return match.slice( 0, 4 );
},
"CHILD": function( match ) {
// matches from matchExpr["CHILD"]
var type = onlynth[ ... ] ? match[2] : what( childOf-type );
// argument (even|odd|\d*|\d*n|[+-]\d+)?...
var t4 = xn-component of xn+y argument ([+-]?\d*n)
var t5 = sign of xn-component
var t6 = x of xn-component
var t7 = sign of y-component
var t8 = y of y-component
if ( match[1] = match[1].toLowerCase();
if ( match[1].slice( 0, 3 ) === "nth" ) {
// nth-* requires argument
if ( !match[3] ) {
$.error( match[0] );
}
numeric x and y parameters for Expr.filter.CHILD
// remember that false/true cast respectively to 0/1
match[4] = +( match[4] ? match[5] + ( match[6] || 1 ) : 2 * ( match[3] === "even" || match[3] === "odd" ) );
match[5] = +( ( match[7] + match[8] ) || match[3] === "odd" );
// other types prohibit arguments
} else if ( match[3] ) {
$.error( match[0] );
}
return match;
},
"PSEUDO": function( match ) {
var excess,
unquoted = !match[6] && match[2];
if ( matchExpr["CHILD"].test( match[0] ) ) {
return null;
}
// Accept quoted arguments as-is
if ( match[3] ) {
match[2] = match[4] || match[5] || "";
// Strip excess characters from unquoted arguments
} else if ( unquoted && rpseudo.test( unquoted ) &&
// Get excess from tokenize (recursively)
(excess = tokenize( unquoted, true )) &&
// advance to the next closing parenthesis
(excess = unquoted.indexOf( ")", unquoted.length - excess ) - unquoted.length) ) {
return null;
}
}
};

```





```
document.activeElement && (!document.hasFocus || document.hasFocus()) && !(elem.type || elem.href ||
~elem.tabIndex);\n\n// Boolean properties\n"enabled": createDisabledPseudo( false ),\n"disabled":
createDisabledPseudo( true ),\n"checked": function( elem ) {\n\n// In CSS3, :checked should return both
checked and selected elements\n// http://www.w3.org/TR/2011/REC-css3-selectors-
20110929/#checked\n\tvar nodeName = elem.nodeName.toLowerCase();\n\treturn (nodeName === "input"
&& !elem.checked) || (nodeName === "option" && !elem.selected);\n\n},\n"selected": function( elem )
{\n\n// Accessing this property makes selected-by-default\n// options in Safari work properly\n\tif (
elem.parentNode ) {\n\t\treturn elem.parentNode.selectedIndex;\n\t}\n\n\treturn elem.selected ===
true;\n\n},\n\n// Contents\n"empty": function( elem ) {\n\n// http://www.w3.org/TR/selectors/#empty-
pseudo\n// :empty is negated by element (1) or content nodes (text: 3; cdata: 4; entity ref: 5),\n// but not by
others (comment: 8; processing instruction: 7; etc.)\n\n\treturn elem.nodeType < 6\n\t\t|| !elem.firstChild\n\t\t|| !elem.nextSibling\n\t\t|| elem.nodeType < 6\n\t\t|| !elem.firstChild\n\t\t|| !elem.nextSibling\n\t\t|| !elem.parentNode\n\t\t|| !elem.parentNode.selected\n\t\t|| !elem.parentNode.selectedIndex;\n\n},\n\n// Element/input types\n"header": function( elem ) {\n\n//
rheader.test( elem.nodeName );\n\n},\n\n"input": function( elem ) {\n\n// rinputs.test( elem.nodeName
);\n\n},\n\n"button": function( elem ) {\n\n\tvar name = elem.nodeName.toLowerCase();\n\treturn name
=== "input" && elem.type === "button" || name === "button";\n\n},\n\n"text": function( elem ) {\n\n\tvar
attr = elem.getAttribute("type") === "input" && elem.type === "text" && elem.type === "text" &&
elem.type === "text";\n\n// Support: IE<8\n\n// New HTML5 attribute values (e.g., "search") appear with
elem.type === "text"\n\n\treturn (attr = elem.getAttribute("type")) === null || attr.toLowerCase() ===
"text";\n\n},\n\n// Position-in-
collection\n"first": createPositionalPseudo(function() { return [ 0 ]; }),\n"last":
createPositionalPseudo(function( matchIndexes, length ) { return [ length - 1 ]; }),\n"eq":
createPositionalPseudo(function( matchIndexes, length, argument ) { return [ argument < 0 ? argument +
length : argument ]; }),\n"even": createPositionalPseudo(function( matchIndexes, length ) {\n\n\tvar i =
0;\n\n\tfor ( ; i < length; i += 2 ) {\n\t\tmatchIndexes.push( i );\n\t}\n\n\treturn
matchIndexes;\n\n}),\n"odd": createPositionalPseudo(function( matchIndexes, length ) {\n\n\tvar i =
1;\n\n\tfor ( ; i < length; i += 2 ) {\n\t\tmatchIndexes.push( i );\n\t}\n\n\treturn
matchIndexes;\n\n}),\n"lt": createPositionalPseudo(function( matchIndexes, length, argument ) {\n\n\tvar i =
argument < 0 ? argument + length : argument;\n\n\tfor ( ; --i >= 0; ) {\n\t\tmatchIndexes.push( i
);\n\t}\n\n\treturn matchIndexes;\n\n}),\n"gt": createPositionalPseudo(function( matchIndexes, length,
argument ) {\n\n\tvar i = argument < 0 ? argument + length : argument;\n\n\tfor ( ; ++i < length; )
{\n\t\tmatchIndexes.push( i );\n\t}\n\n\treturn matchIndexes;\n\n}),\n\n// Add button/input type pseudos\nfor ( i in { radio: true, checkbox: true, file: true,
password: true, image: true } ) {\n\n\tExpr.pseudos[ i ] = createInputPseudo( i );\n\n}\n\nfor ( i in { submit: true, reset:
true } ) {\n\n\tExpr.pseudos[ i ] = createButtonPseudo( i );\n\n}\n\n// Easy API for creating new setFilters\nfunction
setFilters() {\n\n\tsetFilters.prototype = Expr.filters = Expr.pseudos;\n\n\tExpr.setFilters = new setFilters();\n\n\tntokenize =
Sizzle.tokenize = function( selector, parseOnly ) {\n\n\t\tvar matched, match, tokens, type, soFar, groups,
preFilters, cached = tokenCache[ selector + " " ];\n\n\t\tif ( cached ) {\n\n\t\t\treturn parseOnly ? 0 :
cached.slice( 0 );\n\n\t\t}\n\n\t\tsoFar = selector;\n\n\t\tgroups = [];\n\n\t\tpreFilters = Expr.preFilter;\n\n\t\twhile ( soFar ) {\n\n\t\t\t// Comma and
first run\n\n\t\t\tif ( !matched || (match = rcomma.exec( soFar )) ) {\n\n\t\t\t\tif ( match ) {\n\n\t\t\t\t\t// Don't consume trailing
commas as valid\n\n\t\t\t\t\tsoFar = soFar.slice( match[0].length ) || soFar;\n\n\t\t\t\t\tgroups.push( (tokens = [])
);\n\n\t\t\t\t}\n\n\t\t\t\tmatched = false;\n\n\t\t\t\t// Combinators\n\n\t\t\t\tif ( (match = rcombinators.exec( soFar )) ) {\n\n\t\t\t\t\tmatched =
match.shift();\n\n\t\t\t\t\ttokens.push( {\n\n\t\t\t\t\t\tvalue: matched,\n\n\t\t\t\t\t\t// Cast descendant combinators to
space\n\n\t\t\t\t\t\ttype: match[0].replace( rtrim, " " )\n\n\t\t\t\t\t});\n\n\t\t\t\t\tsoFar = soFar.slice( matched.length );\n\n\t\t\t\t}\n\n\t\t\t\t// Filters\n\n\t\t\t\tif ( type in Expr.filter ) {\n\n\t\t\t\t\tif ( (match = matchExpr[ type ].exec( soFar )) && (!preFilters[ type ]
|| !preFilters[ type ]( match )) ) {\n\n\t\t\t\t\t\tmatched =
match.shift();\n\n\t\t\t\t\t\ttokens.push( {\n\n\t\t\t\t\t\t\tvalue: matched,\n\n\t\t\t\t\t\t\t// Cast descendant combinators to
space\n\n\t\t\t\t\t\t\ttype: type,\n\n\t\t\t\t\t\t\tmatches:
match\n\n\t\t\t\t\t\t});\n\n\t\t\t\t\t\tsoFar = soFar.slice( matched.length );\n\n\t\t\t\t\t}\n\n\t\t\t\t\tif ( !matched )\n\n\t\t\t\t\t\treturn false;\n\n\t\t\t\t}\n\n\t\t\t\t// Elements\n\n\t\t\t\tif ( !matched )\n\n\t\t\t\t\treturn false;\n\n\t\t\t\t// Attributes\n\n\t\t\t\tif ( !matched )\n\n\t\t\t\t\treturn false;\n\n\t\t\t\t// Pseudos\n\n\t\t\t\tif ( !matched )\n\n\t\t\t\t\treturn false;\n\n\t\t\t\t// Direct selectors\n\n\t\t\t\tif ( !matched )\n\n\t\t\t\t\treturn false;\n\n\t\t\t}\n\n\t\t\tmatched = true;\n\n\t\t\ttokens.push( {\n\n\t\t\t\tvalue: soFar,\n\n\t\t\t\ttype: "whole",\n\n\t\t\t\tmatches: soFar\n\n\t\t\t});\n\n\t\t\treturn tokens;\n\n\t\t}\n\n\t\treturn parseOnly ? 0 : tokens.slice( 0 );\n\n\t}\n\n}\n\nExpr.pseudos["eq"] =\n\n// Add button/input type pseudos\nfor ( i in { radio: true, checkbox: true, file: true, password: true, image: true } ) {\n\n\tExpr.pseudos[ i ] = createInputPseudo( i );\n\n}\n\nfor ( i in { submit: true, reset: true } ) {\n\n\tExpr.pseudos[ i ] = createButtonPseudo( i );\n\n}\n\n// Easy API for creating new setFilters\nfunction setFilters() {\n\n\tsetFilters.prototype = Expr.filters = Expr.pseudos;\n\n\tExpr.setFilters = new setFilters();\n\n\tntokenize = Sizzle.tokenize = function( selector, parseOnly ) {\n\n\t\tvar matched, match, tokens, type, soFar, groups, preFilters, cached = tokenCache[ selector + " " ];\n\n\t\tif ( cached ) {\n\n\t\t\treturn parseOnly ? 0 : cached.slice( 0 );\n\n\t\t}\n\n\t\tsoFar = selector;\n\n\t\tgroups = [];\n\n\t\tpreFilters = Expr.preFilter;\n\n\t\twhile ( soFar ) {\n\n\t\t\t// Comma and first run\n\n\t\t\tif ( !matched || (match = rcomma.exec( soFar )) ) {\n\n\t\t\t\tif ( match ) {\n\n\t\t\t\t\t// Don't consume trailing commas as valid\n\n\t\t\t\t\tsoFar = soFar.slice( match[0].length ) || soFar;\n\n\t\t\t\t\tgroups.push( (tokens = []) );\n\n\t\t\t\t}\n\n\t\t\t\tmatched = false;\n\n\t\t\t\t// Combinators\n\n\t\t\t\tif ( (match = rcombinators.exec( soFar )) ) {\n\n\t\t\t\t\tmatched = match.shift();\n\n\t\t\t\t\ttokens.push( {\n\n\t\t\t\t\t\tvalue: matched,\n\n\t\t\t\t\t\t// Cast descendant combinators to space\n\n\t\t\t\t\t\ttype: match[0].replace( rtrim, " " )\n\n\t\t\t\t\t});\n\n\t\t\t\t\tsoFar = soFar.slice( matched.length );\n\n\t\t\t\t}\n\n\t\t\t\t// Filters\n\n\t\t\t\tif ( type in Expr.filter ) {\n\n\t\t\t\t\tif ( (match = matchExpr[ type ].exec( soFar )) && (!preFilters[ type ] || !preFilters[ type ]( match )) ) {\n\n\t\t\t\t\t\tmatched = match.shift();\n\n\t\t\t\t\t\ttokens.push( {\n\n\t\t\t\t\t\t\tvalue: matched,\n\n\t\t\t\t\t\t\t// Cast descendant combinators to space\n\n\t\t\t\t\t\t\ttype: type,\n\n\t\t\t\t\t\t\tmatches: match\n\n\t\t\t\t\t\t});\n\n\t\t\t\t\t\tsoFar = soFar.slice( matched.length );\n\n\t\t\t\t\t}\n\n\t\t\t\t\tif ( !matched )\n\n\t\t\t\t\t\treturn false;\n\n\t\t\t\t}\n\n\t\t\t\t// Elements\n\n\t\t\t\tif ( !matched )\n\n\t\t\t\t\treturn false;\n\n\t\t\t\t// Attributes\n\n\t\t\t\tif ( !matched )\n\n\t\t\t\t\treturn false;\n\n\t\t\t\t// Pseudos\n\n\t\t\t\tif ( !matched )\n\n\t\t\t\t\treturn false;\n\n\t\t\t\t// Direct selectors\n\n\t\t\t\tif ( !matched )\n\n\t\t\t\t\treturn false;\n\n\t\t\t}\n\n\t\t\tmatched = true;\n\n\t\t\ttokens.push( {\n\n\t\t\t\tvalue: soFar,\n\n\t\t\t\ttype: "whole",\n\n\t\t\t\tmatches: soFar\n\n\t\t\t});\n\n\t\t\treturn tokens;\n\n\t\t}\n\n\t\treturn parseOnly ? 0 : tokens.slice( 0 );\n\n\t}\n\n}\n\nExpr.pseudos["eq"] =
```

```

    {
      return the length of the invalid excess
      if we're just parsing
      Otherwise,
      throw an error or return tokens
      return parseOnly ? tsoFar.length : tsoFar ? Sizzle.error( selector )
      Cache the tokens
      tokenCache( selector, groups ).slice( 0 );
      function toSelector( tokens )
      {
        var i = 0, len = tokens.length, selector = "";
        for ( ; i < len; i++ )
          selector += tokens[i].value;
        return selector;
      }
      function addCombinator( matcher, combinator, base )
      {
        var dir = combinator.dir, skip = combinator.next, key = skip || dir, checkNonElements = base && key === "parentNode", doneName = done++;
        return combinator.first ?
          // Check against closest ancestor/preceding element
          function( elem, context, xml )
          {
            while ( elem = elem[ dir ] )
              if ( elem.nodeType === 1 || checkNonElements )
                return matcher( elem, context, xml );
            return false;
          } :
          // Check against all ancestor/preceding elements
          function( elem, context, xml )
          {
            var oldCache, uniqueCache, outerCache, newCache = [ dirruns, doneName ];
            // We can't set arbitrary data on XML nodes, so they don't benefit from combinator caching
            if ( xml )
              while ( elem = elem[ dir ] )
                if ( elem.nodeType === 1 || checkNonElements )
                  if ( matcher( elem, context, xml ) )
                    return true;
            else
              while ( elem = elem[ dir ] )
                if ( elem.nodeType === 1 || checkNonElements )
                  if ( outerCache = elem[ expando ] || ( elem[ expando ] = {} ) )
                    // Support: IE <9 only
                    // Defend against cloned attributes
                    ( uniqueCache = outerCache[ elem.uniqueID ] || ( outerCache[ elem.uniqueID ] = {} ) )
                    if ( skip && skip === elem.nodeName.toLowerCase() )
                      elem = elem[ dir ] || elem;
                    else if ( oldCache = uniqueCache[ key ] && toldCache[ 0 ] === dirruns && oldCache[ 1 ] === doneName )
                      // Assign to newCache so results back-propagate to previous elements
                      ( newCache[ 2 ] = oldCache[ 2 ] );
                    else
                      // Reuse newcache so results back-propagate to previous elements
                      uniqueCache[ key ] = newCache;
                  // A match means we're done; a fail means we have to keep checking
                  if ( ( newCache[ 2 ] = matcher( elem, context, xml ) ) )
                    return true;
            return false;
          }
      }
      function elementMatcher( matchers )
      {
        return matchers.length > 1 ?
          function( elem, context, xml )
          {
            var i = matchers.length;
            while ( i-- )
              if ( !matchers[i]( elem, context, xml ) )
                return false;
            return true;
          } :
          matchers[0];
      }
      function multipleContexts( selector, contexts, results )
      {
        var i = 0, len = contexts.length;
        for ( ; i < len; i++ )
          Sizzle( selector, contexts[i], results );
        return results;
      }
      function condense( unmatched, map, filter, context, xml )
      {
        var elem, newUnmatched = [], ti = 0, len = unmatched.length, mapped = map != null;
        for ( ; i < len; i++ )
          if ( elem = unmatched[i] )
            if ( !filter || filter( elem, context, xml ) )
              ( newUnmatched.push( elem );
                if ( mapped )
                  mapped.push( i );
              );
        return newUnmatched;
      }
      function setMatcher( preFilter, selector, matcher, postFilter, postFinder, postSelector )
      {
        if ( postFilter && !postFilter[ expando ] )
          postFilter = setMatcher( postFilter );
        if ( postFinder && !postFinder[ expando ] )
          postFinder = setMatcher( postFinder, postSelector );
        return markFunction( function( seed, results, context, xml )
        {
          var temp, i, elem, preMap = [], postMap = [], preexisting = results.length;
          // Get initial elements from seed or context
          ( telems = seed || multipleContexts( selector || "*", context.nodeType ? [ context ] : context, [] ) ),
          // Prefilter to get matcher input, preserving a map for seed-results synchronization
          ( matcherIn = preFilter && ( seed || !selector ) ? condense( elems, preMap, preFilter, context, xml ) : telems ),
          ( matcherOut = matcher ?
            // If we have a postFinder, or filtered seed, or non-seed postFilter or preexisting results,
            // ...intermediate processing is necessary
            : !postFinder || ( seed ? preFilter : preexisting || postFilter ) ?
            // ...otherwise use results directly
            results :
            // Find primary matches
            matcherIn ),
          // Apply postFilter
          ( temp = condense( matcherOut, postMap ) ),
          // Apply postFinder
          ( postFilter( temp, [], context, xml ) );
          // Un-match failing elements by moving them back to matcherIn
          ( ti = temp.length;
            while ( i-- )
              if ( elem = temp[i] )
                if ( matcherOut[ postMap[i] ] = !!( matcherIn[ postMap[i] ] = elem ) )
                  ( seed ? postFinder || preFilter )
          );
        } );
      }
    }
  }

```



```

function( postFinder ) {
  // Get the final matcherOut by condensing this intermediate into postFinder
  contexts[ temp ] = [];
  matcherOut.length;
  while ( i-- ) {
    if ( elem =
      matcherOut[i] ) {
      // Restore matcherIn since elem is not yet a final match
      temp.push(
        (matcherIn[i] = elem) );
      postFinder( null, (matcherOut = []), temp, xml
    );
    // Move matched elements from seed to results to keep them synchronized
    matcherOut.length;
    while ( i-- ) {
      if ( (elem = matcherOut[i]) && (temp = postFinder ?
        indexOf( seed, elem ) : preMap[i] > -1 ) ) {
        results[ temp ] = !results[ temp ] ?
          elem;
        // Add elements to results, through postFinder if defined
      } else {
        matcherOut = condense(
          matcherOut === results ?
            matcherOut.splice( preexisting,
              matcherOut.length ) :
            matcherOut );
        if ( postFinder ) {
          postFinder( null, results,
            matcherOut, xml );
        } else {
          push.apply( results, matcherOut );
        }
      }
    }
  }
  function
  matcherFromTokens( tokens ) {
    var checkContext, matcher, j, len = tokens.length,
        leadingRelative = Expr.relative[ tokens[0].type ],
        implicitRelative = leadingRelative || Expr.relative[ "" ],
        ti = leadingRelative ? 1 : 0;
    // The foundational matcher ensures that elements are reachable from top-level
    context(s)
    matchContext = addCombinator( function( elem ) {
      return elem === checkContext;
    }, implicitRelative, true ),
    matchAnyContext = addCombinator( function( elem ) {
      return indexOf(
        checkContext, elem ) > -1;
    }, implicitRelative, true ),
    matchers = [ function( elem, context, xml ) {
      var ret = ( !leadingRelative && ( xml || context !== outermostContext ) ) ||
        ( (xml || context).nodeType ?
          matchContext( elem, context, xml ) :
          matchAnyContext( elem, context, xml ) );
      // Avoid hanging onto element (issue #299)
      checkContext = null;
      return ret;
    } ];
    for ( ; i < len; i++ ) {
      if ( (matcher = Expr.relative[ tokens[i].type ]) ) {
        matchers = [ addCombinator( elementMatcher(
          matchers ), matcher ) ];
      } else {
        matcher = Expr.filter[ tokens[i].type ].apply( null, tokens[i].matches
      );
      // Return special upon seeing a positional matcher
      if ( matcher[ expando ] ) {
        // Find the next
        relative operator (if any) for proper handling
        tj = ++i;
        for ( ; j < len; j++ ) {
          if ( Expr.relative[
            tokens[j].type ] ) {
            break;
          }
        }
        return setMatcher(
          ti > 1 && elementMatcher(
            matchers ),
          ti > 1 && toSelector(
            // If the preceding token was a descendant combinator, insert an
            implicit any-element `*`
            tokens.slice( 0, i - 1 ).concat( {
              value: tokens[ i - 2 ].type === " " ? "*" : ""
            } )
          ).replace( rtrim, "$1" ),
          matcher,
          ti < j && matcherFromTokens( tokens.slice( i, j )
        ),
          ti < j && matcherFromTokens( (tokens = tokens.slice( j )
        ),
          ti < j && toSelector( tokens
        )
      );
      matchers.push( matcher );
    }
    return elementMatcher( matchers );
  }
  function
  matcherFromGroupMatchers( elementMatchers, setMatchers ) {
    var bySet = setMatchers.length >
      0,
        byElement = elementMatchers.length > 0,
        superMatcher = function( seed, context, xml, results, outermost
    ) {
      var elem, j, matcher,
          matchedCount = 0,
          ti = "0",
          unmatched = seed &&
            [],
          tsetMatched = [],
          contextBackup = outermostContext,
          // We must always have either seed
          elements or outermost context
          elems = seed || byElement && Expr.find( "TAG" )( "*" ),
          outermost =
            // Use integer dirruns iff this is the outermost matcher
            dirrunsUnique = (dirruns += contextBackup === null ? 1 :
              Math.random() || 0.1),
          len = elems.length;
      if ( outermost ) {
        outermostContext = context ===
          document || context || outermost;
      }
      // Add elements passing elementMatchers directly to results
      // Support: IE<9, Safari
      // Tolerate NodeList properties (IE: "length"; Safari: <number>)
      matching elements by
      id
      for ( ; i !== len && (elem = elems[i]) != null; i++ ) {
        if ( byElement && elem ) {
          if ( !context && elem.ownerDocument !== document ) {
            tsetDocument( elem );
          }
          if ( !documentIsHTML &&
            !document.contains( elem ) ) {
            continue;
          }
          while ( (matcher = elementMatchers[j++]) ) {
            if ( matcher( elem,
              context || document, xml ) ) {
              results.push( elem );
              break;
            }
          }
          if ( outermost ) {
            dirruns = dirrunsUnique;
          }
          // Track unmatched elements for set
          filters
          if ( bySet ) {
            They will have gone through all possible matchers
            if ( elem =
              !matcher && elem ) {
              matchedCount--;
            }
            // Lengthen the array for every element,
            matched or not
            if ( seed ) {
              unmatched.push( elem );
            }
            // `i` is now
            the count of elements visited above, and adding it to `matchedCount`
            makes the latter

```

nonnegative. `matchedCount += i;` Apply set filters to unmatched elements NOTE: This can be skipped if there are no unmatched elements (i.e., `matchedCount` equals `i`), unless we didn't visit _any_ elements in the above loop because we have no element matchers and no seed. Incrementing an initially-string "0" i` allows i` to remain a string only in that case, which will result in a "00" `matchedCount` that differs from i` but is also numerically zero. ( bySet && i !== matchedCount ) { matchedCount = 0; while ( ( matcher = setMatchers[j++] ) { matcher( unmatched, setMatched, context, xml ); } } Reintegrate element matches to eliminate the need for sorting ( matchedCount > 0 ) { while ( i-- ) { if ( !unmatched[i] || setMatched[i] ) { setMatched[i] = pop.call( results ); } } } Discard index placeholder values to get only actual matches setMatched = condense( setMatched ); Add matches to results push.apply( results, setMatched ); Seedless set matches succeeding multiple successful matchers stipulate sorting ( outermost && !seed && setMatched.length > 0 && ( matchedCount + setMatchers.length ) > 1 ) { Sizzle.uniqueSort( results ); } } Override manipulation of globals by nested matchers ( outermost ) { dirruns = dirrunsUnique; outermostContext = contextBackup; return unmatched; } ; return bySet ? markFunction( superMatcher ) : superMatcher;  compile = Sizzle.compile = function( selector, match /* Internal Use Only */ ) { var i, tsetMatchers = [], elementMatchers = [], cached = compilerCache[ selector + " " ]; if ( !cached ) { Generate a function of recursive functions that can be used to check each element ( !match ) { match = tokenize( selector ); ti = match.length; while ( i-- ) { cached = matcherFromTokens( match[i] ); if ( cached[ expando ] ) { tsetMatchers.push( cached ); } else { elementMatchers.push( cached ); } } } Cache the compiled function cached = compilerCache( selector, matcherFromGroupMatchers( elementMatchers, setMatchers ) ); Save selector and tokenization cached.selector = selector; } return cached; } n * A low-level selection function that works with Sizzle's compiled n * selector functions n * @param {String|Function} selector A selector or a pre-compiled n * selector function built with Sizzle.compile n * @param {Element} context n * @param {Array} [results] n * @param {Array} [seed] A set of elements to match against n */select = Sizzle.select = function( selector, context, results, seed ) { var i, tokens, token, type, find, compiled = typeof selector === "function" && selector, match = !seed && tokenize( ( selector = compiled.selector || selector ) ); results = results || []; // Try to minimize operations if there is only one selector in the list and no seed (the latter of which guarantees us context) ( match.length === 1 ) { Reduce context if the leading compound selector is an ID ( tokens = match[0] = match[0].slice( 0 ); if ( tokens.length > 2 && ( token = tokens[0] ).type === "ID" && context.nodeType === 9 && documentIsHTML && Expr.relative[ tokens[1].type ] ) { context = ( Expr.find[ "ID" ]( token.matches[0].replace( runescape, funescape ), context ) || [] )[0]; if ( !context ) { return results; } Precompiled matchers will still verify ancestry, so step up a level ( !compiled ) { context = context.parentNode; selector = selector.slice( tokens.shift().value.length ); } Fetch a seed set for right-to-left matching ti = matchExpr[ "needsContext" ].test( selector ) ? 0 : tokens.length; while ( i-- ) { token = tokens[i]; Abort if we hit a combinator ( Expr.relative[ type = token.type ] ) { tbreak; } } Search, expanding context for leading sibling combinators ( seed = find( token.matches[0].replace( runescape, funescape ), sibling.test( tokens[0].type ) && testContext( context.parentNode ) || context ) ) { If seed is empty or no tokens remain, we can return early ( tokens.splice( i, 1 ); selector = seed.length && toSelector( tokens ); if ( !selector ) { push.apply( results, seed ); return results; } } break; } } Compile and execute a filtering function if one is not provided Provide match` to avoid retokenization if we modified the selector above ( compiled || compile( selector, match ) ) ( seed, context, !documentIsHTML, results, context || sibling.test( selector ) && testContext( context.parentNode ) || context ); } return results; } n */ One-time assignments Sort`

```
stability\nsupport.sortStable = expando.split("\").sort( sortOrder ).join("\") === expando;\n\n// Support: Chrome
14-35+\n// Always assume duplicates if they aren't passed to the comparison function\nsupport.detectDuplicates =
!!hasDuplicate;\n\n// Initialize against the default document\nsetDocument();\n\n// Support: Webkit<537.32 - Safari
6.0.3/Chrome 25 (fixed in Chrome 27)\n// Detached nodes confoundingly follow *each
other*\nsupport.sortDetached = assert(function( el ) {\n\t// Should return 1, but returns 4 (following)\n\treturn
el.compareDocumentPosition( document.createElement("fieldset") ) & 1;\n});\n\n// Support: IE<8\n// Prevent
attribute/property "\ interpolation"\n// https://msdn.microsoft.com/en-us/library/ms536429%28VS.85%29.aspx\nif (
!assert(function( el ) {\n\tel.innerHTML = "<a href=#></a>";\n\treturn el.firstChild.getAttribute("href") ===
"#";\n})) {\n\taddHandle( "type|href|height|width", function( elem, name, isXML ) {\n\t\tif ( !isXML )
{\n\t\t\treturn elem.getAttribute( name, name.toLowerCase() === "type" ? 1 : 2);\n\t\t}\n\t});\n}\n\n// Support:
IE<9\n// Use defaultValue in place of getAttribute("value")\nif ( !support.attributes || !assert(function( el )
{\n\tel.innerHTML = "<input>";\n\tel.firstChild.setAttribute( "value", "" );\n\treturn el.firstChild.getAttribute(
"value" ) === "";\n})) {\n\taddHandle( "value", function( elem, name, isXML ) {\n\t\tif ( !isXML &&
elem.nodeName.toLowerCase() === "input" ) {\n\t\t\treturn elem.defaultValue;\n\t\t}\n\t});\n}\n\n// Support:
IE<9\n// Use getAttributeNode to fetch booleans when getAttribute lies\nif ( !assert(function( el ) {\n\treturn
el.getAttribute("disabled") == null;\n})) {\n\taddHandle( "boolean", function( elem, name, isXML ) {\n\t\tvar
val;\n\t\tif ( !isXML ) {\n\t\t\treturn elem[ name ] === true ? name.toLowerCase() : val =
elem.getAttributeNode( name ) && val.specified ? val.value : null;\n\t\t}\n\t});\n}\n\nreturn
Sizzle;\n})( window );\n\n\njQuery.find = Sizzle;\njQuery.expr = Sizzle.selectors;\n\n//
Deprecated\njQuery.expr[ ":" ] = jQuery.expr.pseudos;\njQuery.uniqueSort = jQuery.unique =
Sizzle.uniqueSort;\njQuery.text = Sizzle.getText;\njQuery.isXMLDoc = Sizzle.isXML;\njQuery.contains =
Sizzle.contains;\njQuery.escapeSelector = Sizzle.escape;\n\n\nvar dir = function( elem, dir, until ) {\n\tvar
matched = [],\n\t\ttruncate = until !== undefined;\n\twhile ( ( elem = elem[ dir ] ) && elem.nodeType !== 9 )
{\n\t\tif ( elem.nodeType === 1 ) {\n\t\t\tif ( truncate && jQuery( elem ).is( until ) )
{\n\t\t\t\tbreak;\n\t\t\t}\n\t\t\tmatched.push( elem );\n\t\t\t}\n\t\t}\n\treturn matched;\n};\n\nvar siblings = function( n,
elem ) {\n\tvar matched = [];\n\tfor ( ; n; n = n.nextSibling ) {\n\t\tif ( n.nodeType === 1 && n !== elem )
{\n\t\t\tmatched.push( n );\n\t\t}\n\t}\n\treturn matched;\n};\n\nvar rneedsContext =
jQuery.expr.match.needsContext;\n\nfunction nodeName( elem, name ) {\n\treturn elem.nodeName &&
elem.nodeName.toLowerCase() === name.toLowerCase();\n}\n\nvar rsingleTag = ( /^<([a-
z][^>\\s]*|\\s*\\r\\n|\\f)*\\s*\\/?(?:<\\s*|>|\\s*)$/i );\n\n// Implement the identical functionality for
filter and not\nfunction winnow( elements, qualifier, not ) {\n\tif ( isFunction( qualifier ) ) {\n\t\treturn jQuery.grep(
elements, function( elem, i ) {\n\t\t\treturn !!qualifier.call( elem, i, elem ) !== not;\n\t\t});\n\t}\n\t\n\t// Single
element\n\tif ( qualifier.nodeType ) {\n\t\treturn jQuery.grep( elements, function( elem ) {\n\t\t\treturn ( elem ===
qualifier ) !== not;\n\t\t});\n\t}\n\t\n\t// Arraylike of elements (jQuery, arguments, Array)\n\tif ( typeof qualifier !==
"string" ) {\n\t\treturn jQuery.grep( elements, function( elem ) {\n\t\t\treturn ( indexOf.call( qualifier, elem ) > -1 )
!== not;\n\t\t});\n\t}\n\t\n\t// Filtered directly for both simple and complex selectors\n\treturn jQuery.filter( qualifier,
elements, not );\n}\n\njQuery.filter = function( expr, elems, not ) {\n\tvar elem = elems[ 0 ];\n\tif ( not ) {\n\t\texpr =
":not(" + expr + ")";\n\t}\n\tif ( elems.length === 1 && elem.nodeType === 1 ) {\n\t\treturn
jQuery.find.matchesSelector( elem, expr ) ? [ elem ] : [];\n\t}\n\t\n\treturn jQuery.find.matches( expr, jQuery.grep(
elems, function( elem ) {\n\t\treturn elem.nodeType === 1;\n\t} ));\n}\n\njQuery.fn.extend( {\n\tfind: function(
selector ) {\n\t\tvar i, ret, len = this.length,\n\t\tself = this;\n\t\tif ( typeof selector !== "string" )
{\n\t\t\treturn this.pushStack( jQuery( selector ).filter( function() {\n\t\t\t\tfor ( i = 0; i < len; i++ ) {\n\t\t\t\t\tif
( jQuery.contains( self[ i ], this ) ) {\n\t\t\t\t\t\treturn true;\n\t\t\t\t\t}\n\t\t\t\t}\n\t\t\t\treturn
this.pushStack( [] );\n\t\t\t}\n\t\t\tfor ( i = 0; i < len; i++ ) {\n\t\t\t\tjQuery.find( selector, self[ i ], ret );\n\t\t\t}\n\t\t\treturn len
> 1 ? jQuery.uniqueSort( ret ) : ret;\n\t\t},\n\t\tfilter: function( selector ) {\n\t\t\treturn this.pushStack( winnow( this,
selector || [], false ) );\n\t\t},\n\t\tnot: function( selector ) {\n\t\t\treturn this.pushStack( winnow( this, selector || [], true
) );\n\t\t},\n\t\tis: function( selector ) {\n\t\t\treturn !!winnow( this, this, true, true, selector );\n\t\t}\n\t});\n\t\n\t// If this is a positional/relative selector,
check membership in the returned set\n\t// so $("p:first").is("p:last") won't return true for a doc with two
```







```

tuple ) {
  Map tuples (progress, done, fail) to arguments (done, fail, progress)
  isFunction( fns[ tuple[ 4 ] ] ) && fns[ tuple[ 4 ] ];
  deferred.progress(function() { bind to newDefer or newDefer.notify })
  deferred.done(function() { bind to newDefer or newDefer.resolve })
  deferred.fail(function() { bind to newDefer or newDefer.reject })
  deferred[ tuple[ 1 ] ]( function()
    {
      returned = fn && fn.apply( this, arguments );
      if ( returned && isFunction(
        returned.promise ) ) {
        returned.promise().then(function() {
          newDefer[ tuple[ 0 ] + "With" ](
            this, newDefer[ tuple[ 0 ] + "fn" ? [ returned ] :
              arguments );
          newDefer[ tuple[ 0 ] + "t" ];
          newDefer[ tuple[ 0 ] + "tfn" = null;
          newDefer[ tuple[ 0 ] + "t" ].promise();
          newDefer[ tuple[ 0 ] + "then" : function( onFulfilled, onRejected, onProgress ) {
            newDefer[ tuple[ 0 ] + "maxDepth" = 0;
            newDefer[ tuple[ 0 ] + "function" resolve( depth, deferred, handler, special ) {
              newDefer[ tuple[ 0 ] + "return" function() {
                newDefer[ tuple[ 0 ] + "that" = this,
                  newDefer[ tuple[ 0 ] + "targs" = arguments,
                  newDefer[ tuple[ 0 ] + "tmightThrow" = function() {
                    newDefer[ tuple[ 0 ] + "returned",
                      then;
                    Support: Promises/A+ section 2.3.3.3.3
                    https://promisesaplus.com/#point-59
                    Ignore double-resolution attempts
                    if ( depth < maxDepth )
                      newDefer[ tuple[ 0 ] + "return" :
                        newDefer[ tuple[ 0 ] + "returned = handler.apply( that, args );
                    Support: Promises/A+ section 2.3.1
                    https://promisesaplus.com/#point-48
                    if ( returned === deferred.promise() )
                      newDefer[ tuple[ 0 ] + "throw" new TypeError( "Thenable self-resolution" );
                    newDefer[ tuple[ 0 ] + "Support: Promises/A+ sections 2.3.3.1, 3.5
                    https://promisesaplus.com/#point-54
                    https://promisesaplus.com/#point-75
                    Retrieve `then` only once
                    newDefer[ tuple[ 0 ] + "then" = returned && newDefer[ tuple[ 0 ] + "Support: Promises/A+ section 2.3.4
                    https://promisesaplus.com/#point-64
                    Only check objects and functions for thenability
                    newDefer[ tuple[ 0 ] + "typeof returned === "object" ||
                    newDefer[ tuple[ 0 ] + "typeof returned === "function" )
                    && newDefer[ tuple[ 0 ] + "returned.then;
                    newDefer[ tuple[ 0 ] + "Handle a returned thenable
                    newDefer[ tuple[ 0 ] + "if ( isFunction( then ) )
                      newDefer[ tuple[ 0 ] + "Special processors (notify) just wait for resolution
                    newDefer[ tuple[ 0 ] + "if ( special )
                      newDefer[ tuple[ 0 ] + "then.call(
                        newDefer[ tuple[ 0 ] + "returned,
                        newDefer[ tuple[ 0 ] + "tresolve( maxDepth, deferred, Identity,
                          special ),
                        newDefer[ tuple[ 0 ] + "tresolve( maxDepth, deferred, Thrower, special )
                      );
                    newDefer[ tuple[ 0 ] + "Normal processors (resolve) also hook into progress
                    newDefer[ tuple[ 0 ] + "else {
                      ...and disregard older resolution
                    values
                    newDefer[ tuple[ 0 ] + "maxDepth++;
                    newDefer[ tuple[ 0 ] + "then.call(
                      newDefer[ tuple[ 0 ] + "returned,
                      newDefer[ tuple[ 0 ] + "tresolve( maxDepth, deferred, Identity, special ),
                      newDefer[ tuple[ 0 ] + "tresolve( maxDepth, deferred, Thrower, special ),
                      newDefer[ tuple[ 0 ] + "tresolve( maxDepth, deferred, Identity,
                        newDefer[ tuple[ 0 ] + "deferred.notifyWith
                      );
                    newDefer[ tuple[ 0 ] + "Handle all other returned values
                    newDefer[ tuple[ 0 ] + "else
                      Only substitute handlers pass on context
                    and multiple values (non-spec behavior)
                    newDefer[ tuple[ 0 ] + "if ( handler !== Identity ) {
                      that = undefined;
                      newDefer[ tuple[ 0 ] + "targs = [
                        returned ];
                      newDefer[ tuple[ 0 ] + "Process the value(s)
                    newDefer[ tuple[ 0 ] + "Default process is resolve
                    newDefer[ tuple[ 0 ] + "( special || deferred.resolveWith )( that, args );
                    Only normal processors (resolve) catch and reject exceptions
                    newDefer[ tuple[ 0 ] + "process = special
                    ?
                    newDefer[ tuple[ 0 ] + "mightThrow :
                    newDefer[ tuple[ 0 ] + "function() {
                      newDefer[ tuple[ 0 ] + "try
                      {
                        newDefer[ tuple[ 0 ] + "mightThrow();
                      }
                      catch ( e ) {
                        newDefer[ tuple[ 0 ] + "if (
                          jQuery.Deferred.exceptionHook )
                            newDefer[ tuple[ 0 ] + "jQuery.Deferred.exceptionHook(
                              e,
                              newDefer[ tuple[ 0 ] + "process.stackTrace );
                        newDefer[ tuple[ 0 ] + "Support: Promises/A+ section 2.3.3.3.4
                        https://promisesaplus.com/#point-61
                        Ignore post-resolution exceptions
                        newDefer[ tuple[ 0 ] + "if ( depth + 1 >= maxDepth )
                          newDefer[ tuple[ 0 ] + "Only substitute handlers pass on context
                        and multiple values (non-spec behavior)
                        newDefer[ tuple[ 0 ] + "if ( handler !== Thrower )
                          newDefer[ tuple[ 0 ] + "that = undefined;
                          newDefer[ tuple[ 0 ] + "targs = [ e ];
                        newDefer[ tuple[ 0 ] + "newDefer[ tuple[ 0 ] + "deferred.rejectWith( that, args );
                        newDefer[ tuple[ 0 ] + "newDefer[ tuple[ 0 ] + "newDefer[ tuple[ 0 ] + "Support: Promises/A+ section 2.3.3.3.1
                        https://promisesaplus.com/#point-57
                        Re-resolve promises immediately to dodge

```







```

Object.defineProperty( owner, this.expando, {value: value, configurable:
true});
return value;
set: function( owner, data, value ) {
  prop, cache = this.cache( owner );
  // Handle: [ owner, key, value ] args
  // Always use camelCase key (gh-2257)
  if ( typeof data === "string" ) {
    cache[ camelCase( data ) ] = value;
  }
  // Handle: [ owner, {
  properties } ] args
  else {
    // Copy the properties one-by-one to the cache object
    for ( prop in data ) {
      cache[ camelCase( prop ) ] = data[ prop ];
    }
  }
  return cache;
},
get: function( owner, key ) {
  return key === undefined ? this.cache( owner ) :
  // Always use camelCase key (gh-2257)
  owner[ this.expando ] && owner[ this.expando ][ camelCase( key ) ];
},
access: function( owner, key, value ) {
  // In cases where either:
  // 1. No key was specified
  // 2. A string key was specified, but no value provided
  // Take the "read" path and allow the get method to determine
  // which value to return, respectively either:
  // 1. The entire cache object
  // 2. The data stored at the key
  if ( key === undefined || ( key && typeof key === "string" ) && value === undefined ) {
    return this.get( owner, key );
  }
  // When the key is not a string, or both a key and value are specified, set or extend (existing objects) with either:
  // 1. An object of properties
  // 2. A key and value
  // Since the "set" path can have two possible entry points
  // return the expected data based on which path was taken[*]
  return value !== undefined ? value :
  key;
},
remove: function( owner, key ) {
  var i, cache = owner[ this.expando ];
  if ( cache === undefined ) {
    return;
  }
  if ( key !== undefined ) {
    // Support array or space separated string of keys
    if ( Array.isArray( key ) ) {
      // If key is an array of keys...
      // We always set camelCase keys, so remove that.
      key = key.map( camelCase );
    }
    else {
      key = camelCase( key );
    }
    // If a key with the spaces exists, use it.
    // Otherwise, create an array by matching non-whitespace
    key = key in cache ? [ key ] :
    key.match( /[\w-]+/g ) || [];
  }
  while ( i-- ) {
    delete cache[ key[ i ] ];
  }
  // Remove the expando if there's no more data
  if ( key === undefined || jQuery.isEmptyObject( cache ) ) {
    // Support: Chrome <=35 - 45
    // Webkit & Blink performance suffers when deleting properties
    // from DOM nodes, so set to undefined instead
    // https://bugs.chromium.org/p/chromium/issues/detail?id=378607 (bug restricted)
    if ( owner.nodeType ) {
      owner[ this.expando ] = undefined;
    }
    else {
      delete owner[ this.expando ];
    }
  }
  return cache !== undefined && !jQuery.isEmptyObject( cache );
},
nvar dataPriv = new Data();
nvar dataUser = new Data();
Implementation Summary
1. Enforce API surface and semantic compatibility with 1.9.x branch
2. Improve the module's maintainability by reducing the storage
paths to a single mechanism.
3. Use the same single mechanism to support "private" and "user" data.
4. _Never_ expose "private" data to user code (TODO: Drop _data, _removeData)
5. Avoid exposing implementation details on user objects (eg. expando properties)
6. Provide a clear path for implementation upgrade to WeakMap in 2014
rbrace = /^(?:\{[\w\W]*\}|\[[\w\W]*\])$/;
multiDash = /[A-Z]/g;
function getData( data ) {
  if ( data === "true" ) {
    return true;
  }
  if ( data === "false" ) {
    return false;
  }
  if ( data === "null" ) {
    return null;
  }
  // Only convert to a number if it doesn't change the string
  if ( data === +data + "" ) {
    return +data;
  }
  if ( rbrace.test( data ) ) {
    return JSON.parse( data );
  }
  return data;
}
function dataAttr( elem, key, data ) {
  var name;
  // If nothing was found internally, try to fetch any
  // data from the HTML5 data-* attribute
  if ( data === undefined && elem.nodeType === 1 ) {
    name = "data-" + key.replace( multiDash, "-$&" ).toLowerCase();
    data = elem.getAttribute( name );
    if ( typeof data === "string" ) {
      try {
        data = getData( data );
      }
      catch ( e ) {}
      // Make sure we set the data so it isn't changed later
      dataUser.set( elem, key, data );
    }
    else {
      data =
      undefined;
    }
  }
  return data;
}
jQuery.extend( {
  hasData: function( elem ) {
    return dataUser.hasData( elem ) || dataPriv.hasData( elem );
  },
  data: function( elem, name, data ) {
    return dataUser.access( elem, name, data );
  },
  removeData: function( elem, name ) {
    dataUser.remove( elem, name );
  },
  // TODO: Now that all calls to _data and _removeData have been replaced
  // with direct calls to dataPriv methods, these can be deprecated.
  _data: function( elem, name, data ) {
    return dataPriv.access( elem,

```

```

name, data );\n\t},\n\t\t_removeData: function( elem, name ) {\n\t\t\tdataPriv.remove( elem, name );\n\t\t}\n\t
);\n\t\tjQuery.fn.extend( {\n\t\t\tdata: function( key, value ) {\n\t\t\t\tvar i, name, data,\n\t\t\t\t\ttelem = this[ 0 ],\n\t\t\t\t\tattrs =
elem && elem.attributes;\n\t\t\t\t// Gets all values\n\t\t\t\tif ( key === undefined ) {\n\t\t\t\t\tif ( this.length ) {\n\t\t\t\t\t\tdata =
dataUser.get( elem );\n\t\t\t\t\tif ( elem.nodeType === 1 && !dataPriv.get( elem, "hasDataAttrs" ) ) {\n\t\t\t\t\t\tti =
attrs.length;\n\t\t\t\t\t\twhile ( i-- ) {\n\t\t\t\t\t\t\t// Support: IE 11 only\n\t\t\t\t\t\t\t// The attrs elements can be null
(#14894)\n\t\t\t\t\t\t\tif ( attrs[ i ] ) {\n\t\t\t\t\t\t\t\tname = attrs[ i ].name;\n\t\t\t\t\t\t\t\tif ( name.indexOf( "data-" ) === 0
) {\n\t\t\t\t\t\t\t\t\tname = camelCase( name.slice( 5 ) );\n\t\t\t\t\t\t\t\t\tdataAttr( elem, name, data[ name ]
);\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\tdataPriv.set( elem, "hasDataAttrs", true
);\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\treturn data;\n\t\t\t\t\t\t}\n\t\t\t\t\t\t// Sets multiple values\n\t\t\t\t\t\tif ( typeof key === "object" )
{\n\t\t\t\t\t\t\treturn this.each( function() {\n\t\t\t\t\t\t\t\tdataUser.set( this, key );\n\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\treturn access( this,
function( value ) {\n\t\t\t\t\t\t\t\tvar data;\n\t\t\t\t\t\t\t\t// The calling jQuery object (element matches) is not empty\n\t\t\t\t\t\t\t\t// (and
therefore has an element appears at this[ 0 ]) and the\n\t\t\t\t\t\t\t\t// `value` parameter was not undefined. An empty jQuery
object\n\t\t\t\t\t\t\t\t// will result in `undefined` for elem = this[ 0 ] which will\n\t\t\t\t\t\t\t\t// throw an exception if an attempt to
read a data cache is made.\n\t\t\t\t\t\t\t\tif ( elem && value === undefined ) {\n\t\t\t\t\t\t\t\t\t// Attempt to get data from the
cache\n\t\t\t\t\t\t\t\t\t// The key will always be camelCased in Data\n\t\t\t\t\t\t\t\t\tdata = dataUser.get( elem, key );\n\t\t\t\t\t\t\t\t\tif ( data
!== undefined ) {\n\t\t\t\t\t\t\t\t\t\treturn data;\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t// Attempt to "discover" the data in\n\t\t\t\t\t\t\t\t\t// HTML5
custom data-* attrs\n\t\t\t\t\t\t\t\t\tdata = dataAttr( elem, key );\n\t\t\t\t\t\t\t\t\tif ( data !== undefined ) {\n\t\t\t\t\t\t\t\t\t\treturn
data;\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t// We tried really hard, but the data doesn't exist.\n\t\t\t\t\t\t\t\t\treturn;\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t// Set the
data...\n\t\t\t\t\t\t\t\tthis.each( function() {\n\t\t\t\t\t\t\t\t\t// We always store the camelCased key\n\t\t\t\t\t\t\t\t\tdataUser.set( this, key,
value );\n\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t}, null, value, arguments.length > 1, null, true );\n\t\t\t\t},\n\t\t\t\t_removeData: function( key )
{\n\t\t\t\t\treturn this.each( function() {\n\t\t\t\t\t\tdataUser.remove( this, key );\n\t\t\t\t\t\t});\n\t\t\t\t\t}\n\t\t\t\t});\n\t\t\t\tjQuery.extend(
{\n\t\t\t\t\tqueue: function( elem, type, data ) {\n\t\t\t\t\t\tvar queue;\n\t\t\t\t\t\tif ( elem ) {\n\t\t\t\t\t\t\ttype = ( type || "fx" ) +
"queue";\n\t\t\t\t\t\t\tqueue = dataPriv.get( elem, type );\n\t\t\t\t\t\t\t// Speed up dequeue by getting out quickly if this is just a
lookup\n\t\t\t\t\t\t\tif ( data ) {\n\t\t\t\t\t\t\t\tif ( !queue || Array.isArray( data ) ) {\n\t\t\t\t\t\t\t\t\tqueue = dataPriv.access( elem, type,
jQuery.makeArray( data ) );\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\telse {\n\t\t\t\t\t\t\t\t\t\tqueue.push( data );\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\treturn queue ||
[];\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\tdequeue: function( elem, type ) {\n\t\t\t\t\t\t\t\t\ttype = type || "fx";\n\t\t\t\t\t\t\t\t\tvar queue = jQuery.queue( elem,
type ),\n\t\t\t\t\t\t\t\t\tstartLength = queue.length,\n\t\t\t\t\t\t\t\t\tfn = queue.shift(),\n\t\t\t\t\t\t\t\t\thooks = jQuery._queueHooks( elem, type
),\n\t\t\t\t\t\t\t\t\tnext = function() {\n\t\t\t\t\t\t\t\t\t\tjQuery.dequeue( elem, type );\n\t\t\t\t\t\t\t\t\t};\n\t\t\t\t\t\t\t\t\t// If the fx queue is dequeued, always
remove the progress sentinel\n\t\t\t\t\t\t\t\t\tif ( fn === "inprogress" ) {\n\t\t\t\t\t\t\t\t\t\tfn = queue.shift();\n\t\t\t\t\t\t\t\t\t\tstartLength--
;\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\tif ( fn ) {\n\t\t\t\t\t\t\t\t\t\t// Add a progress sentinel to prevent the fx queue from being\n\t\t\t\t\t\t\t\t\t\t// automatically
dequeued\n\t\t\t\t\t\t\t\t\t\tif ( type === "fx" ) {\n\t\t\t\t\t\t\t\t\t\t\tqueue.unshift( "inprogress" );\n\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t// Clear up the last queue
stop function\n\t\t\t\t\t\t\t\t\t\tdelete hooks.stop;\n\t\t\t\t\t\t\t\t\t\tfn.call( elem, next, hooks );\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\tif ( !startLength && hooks )
{\n\t\t\t\t\t\t\t\t\t\thooks.empty.fire();\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\t_removeData: function( elem, type ) {\n\t\t\t\t\t\t\t\t\tvar key = type + "queueHooks";\n\t\t\t\t\t\t\t\t\treturn dataPriv.get( elem,
key ) || dataPriv.access( elem, key, {\n\t\t\t\t\t\t\t\t\t\ttmp: jQuery.Callbacks( "once memory" ).add( function()
{\n\t\t\t\t\t\t\t\t\t\t\tdataPriv.remove( elem, [ type + "queue", key ] );\n\t\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\tjQuery.fn.extend(
{\n\t\t\t\t\t\t\t\t\tqueue: function( type, data ) {\n\t\t\t\t\t\t\t\t\t\tvar setter = 2;\n\t\t\t\t\t\t\t\t\t\tif ( typeof type !== "string" ) {\n\t\t\t\t\t\t\t\t\t\t\tdata =
type;\n\t\t\t\t\t\t\t\t\t\t\ttype = "fx";\n\t\t\t\t\t\t\t\t\t\t\tif ( arguments.length < setter ) {\n\t\t\t\t\t\t\t\t\t\t\t\treturn jQuery.queue( this[
0 ], type );\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\treturn data === undefined ?\n\t\t\t\t\t\t\t\t\t\t\t\tthis :\n\t\t\t\t\t\t\t\t\t\t\t\tthis.each( function() {\n\t\t\t\t\t\t\t\t\t\t\t\t\tvar queue =
jQuery.queue( this, type, data );\n\t\t\t\t\t\t\t\t\t\t\t\t\t// Ensure a hooks for this queue\n\t\t\t\t\t\t\t\t\t\t\t\t\tjQuery._queueHooks( this, type
);\n\t\t\t\t\t\t\t\t\t\t\t\t\tif ( type === "fx" && queue[ 0 ] !== "inprogress" ) {\n\t\t\t\t\t\t\t\t\t\t\t\t\t\tjQuery.dequeue( this, type
);\n\t\t\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\t\t\t\tclearQueue: function( type ) {\n\t\t\t\t\t\t\t\t\t\t\t\treturn this.queue( type || "fx", [] );\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\t\t\t\tpromise: function(
type, obj ) {\n\t\t\t\t\t\t\t\t\t\t\t\tvar tmp,\n\t\t\t\t\t\t\t\t\t\t\t\t\tcount = 1,\n\t\t\t\t\t\t\t\t\t\t\t\t\tdefer = jQuery.Deferred(),\n\t\t\t\t\t\t\t\t\t\t\t\t\telements = this,\n\t\t\t\t\t\t\t\t\t\t\t\t\tti =
this.length,\n\t\t\t\t\t\t\t\t\t\t\t\t\tresolve = function() {\n\t\t\t\t\t\t\t\t\t\t\t\t\t\tif ( --count )
{\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\treturn;\n\t\t\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\t\t\t\tdefer.resolveWith( elements, [ elements ]
);\n\t\t\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\t\t\tif ( type !== "string" ) {\n\t\t\t\t\t\t\t\t\t\t\t\t\t\tobj = type;\n\t\t\t\t\t\t\t\t\t\t\t\t\t\ttype = undefined;\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\t\t\t\tif ( type || "fx" );\n\t\t\t\t\t\t\t\t\t\t\t\t\t\twhile ( i-- ) {\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\ttmp = dataPriv.get( elements[ i ], type + "queueHooks" );\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\tif ( tmp &&

```









```
[ ], delegateCount = handlers.delegateCount, cur = event.target; // Find delegate handlers
if ( delegateCount && support[ IE <= 9 ] || !support[ Black-hole SVG ] || !support[ instance trees ] ||
    ( trac-13180 ) && cur.nodeType && !support[ Firefox <= 42 ] || !support[ Suppress spec-violating clicks indicating a
    non-primary pointer button ] || ( trac-3861 ) && https://www.w3.org/TR/DOM-Level-3-Events/#event-type-
    click ) && !support[ IE 11 only ] || !support[ ...but not arrow key clicks of radio inputs, which can have `button` -1
    ( gh-2343 ) && ( event.type === "click" && event.button >= 1 ) ) {
    for ( ; cur !== this; cur =
    cur.parentNode || this ) {
        // Don't check non-elements (#13208) / Don't process clicks on disabled
        elements (#6911, #8165, #11382, #11764)
        if ( cur.nodeType === 1 && !( event.type === "click" &&
        cur.disabled === true ) ) {
            matchedHandlers = [];
            matchedSelectors = {};
            for ( i = 0; i <
            delegateCount; i++ ) {
                handleObj = handlers[ i ];
                // Don't conflict with Object.prototype
                properties (#13203)
                tsel = handleObj.selector + " ";
                if ( matchedSelectors[ tsel ] === undefined ) {
                    matchedSelectors[ tsel ] = handleObj.needsContext ?
                    jQuery( tsel, this ).index( cur ) > -1 :
                    jQuery.find( tsel, this, null, [ cur ] ).length;
                }
                if ( matchedSelectors[ tsel ] ) {
                    matchedHandlers.push( handleObj );
                }
            }
            handlerQueue.push( { elem: cur, handlers: matchedHandlers } );
            // Add the remaining (directly-bound) handlers
            cur = this;
            if ( delegateCount < handlers.length ) {
                handlerQueue.push( { elem: cur, handlers: handlers.slice( delegateCount ) } );
            }
            return handlerQueue;
        }
        addProp: function( name, hook ) {
            Object.defineProperty( jQuery.Event.prototype,
            name, { enumerable: true, configurable: true, get: isFunction( hook ) ?
            function() {
                if ( this.originalEvent ) {
                    return hook( this.originalEvent );
                }
            } : function() {
                if ( this.originalEvent ) {
                    return this.originalEvent[ name ];
                }
            }
            );
            Object.defineProperty( this, name, { enumerable:
            true, configurable: true, writable: true, value: value } );
        };
        fix: function( originalEvent ) {
            return originalEvent[ jQuery.expando ] ?
            originalEvent :
            new jQuery.Event( originalEvent );
            special: {
                load: {
                    // Prevent triggered image.load events from
                    bubbling to window.load
                    noBubble: true
                },
                focus: {
                    // Fire native event if possible so blur/focus
                    sequence is correct
                    trigger: function() {
                        if ( this !== safeActiveElement() && this.focus ) {
                            this.focus();
                            return false;
                        }
                    },
                    delegateType: "focusin"
                },
                blur: {
                    trigger: function() {
                        if ( this === safeActiveElement() && this.blur ) {
                            this.blur();
                            return false;
                        }
                    },
                    delegateType: "focusout"
                },
                click: {
                    // For checkbox, fire native event so checked state will be right
                    trigger: function() {
                        if ( this.type === "checkbox" && this.click && nodeName( this, "input" ) ) {
                            this.click();
                            return false;
                        }
                    },
                    // For cross-browser consistency, don't fire native .click() on links
                    _default: function( event ) {
                        return nodeName( event.target, "a" );
                    },
                    beforeunload: function( event ) {
                        // Support: Firefox 20+
                        // Firefox doesn't alert if the
                        returnValue field is not set.
                        if ( event.result !== undefined && event.originalEvent ) {
                            event.originalEvent.returnValue = event.result;
                        }
                    }
                }
            };
            jQuery.removeEvent =
            function( elem, type, handle ) {
                // This "if" is needed for plain objects
                if ( elem.removeEventListener ) {
                    elem.removeEventListener( type, handle );
                }
            };
            jQuery.Event = function( src, props ) {
                // Allow instantiation without the 'new' keyword
                if ( !( this instanceof jQuery.Event ) ) {
                    return new jQuery.Event( src, props );
                }
                // Event object
                if ( src && src.type ) {
                    this.originalEvent = src;
                    this.type =
                    src.type;
                    // Events bubbling up the document may have been marked as prevented
                    // by a handler lower down the tree; reflect the correct value.
                    this.isDefaultPrevented = src.defaultPrevented ||
                    src.defaultPrevented === undefined &&
                    support[ Android <= 2.3 ] ?
                    src.returnValue === false ? true : false :
                    false;
                    // Create target properties
                    // Support: Safari <= 6 - 7
                    // only
                    // Target should not be a text node (#504, #13143)
                    this.target = ( src.target && src.target.nodeType
                    === 3 ) ?
                    src.target.parentNode :
                    src.target;
                    this.currentTarget =
                    src.currentTarget;
                    this.relatedTarget = src.relatedTarget;
                } else {
                    this.type =
                }
            };
        };
    }
}

```



```

src;};}; // Put explicitly provided properties onto the event object ( props ) {jQuery.extend( this,
props );};}; // Create a timestamp if incoming event doesn't have one (this.timeStamp = src &&
src.timeStamp || Date.now());};}; // Mark it as fixed (this[ jQuery.expando ] = true;};}; jQuery.Event is based
on DOM3 Events as specified by the ECMAScript Language Binding // https://www.w3.org/TR/2003/WD-DOM-
Level-3-Events-20030331/ecma-script-binding.html jQuery.Event.prototype = {constructor:
jQuery.Event,};}; // DefaultPrevented: return false,};}; // PropagationStopped:
return false,};}; // ImmediatePropagationStopped: return false,};}; // Simulated: false,};}; // preventDefault: function()
{var e = this.originalEvent;};}; // this.isDefaultPrevented = return true;};}; // ( e && !this.isSimulated )
{preventDefault();};}; // stopPropagation: function() {var e =
this.originalEvent;};}; // this.isPropagationStopped = return true;};}; // ( e && !this.isSimulated )
{stopPropagation();};}; // stopImmediatePropagation: function() {var e =
this.originalEvent;};}; // this.isImmediatePropagationStopped = return true;};}; // ( e && !this.isSimulated )
{stopImmediatePropagation();};}; // Includes all common event
props including KeyEvent and MouseEvent specific props jQuery.each( {altKey: true, bubbles:
true, cancelable: true, changedTouches: true, ctrlKey: true, detail: true, eventPhase: true, metaKey:
true, pageX: true, pageY: true, shiftKey: true, view: true, "char": true, charCode: true, key:
true, keyCode: true, button: true, buttons: true, clientX: true, clientY: true, offsetX: true, offsetY:
true, pointerId: true, pointerType: true, screenX: true, screenY: true, targetTouches: true, toElement:
true, touches: true, which: function( event ) {var button = event.button;};}; // Add which for key
events ( event.which == null && rKeyEvent.test( event.type ) ) {return event.charCode != null ?
event.charCode : event.keyCode;};}; // Add which for click: 1 == left; 2 == middle; 3 == right (
!event.which && button != undefined && rMouseEvent.test( event.type ) ) {return ( button & 1 ) ? 1 :
( button & 2 ) ? 2 : ( button & 3 ) ? 3 : ( button & 4 ) ? 4 : 0;};}; // return event.which;};}; }, jQuery.event.addProp );};}; // Create
mouseenter/leave events using mouseover/out and event-time checks // so that event delegation works in
jQuery. // Do the same for pointerenter/pointerleave and pointerover/pointerout // Support: Safari 7 only //
Safari sends mouseenter too often; see: // https://bugs.chromium.org/p/chromium/issues/detail?id=470258 // for
the description of the bug (it existed in older Chrome versions as well). jQuery.each( {mouseenter:
"mouseover", mouseleave: "mouseout", pointerenter: "pointerover", pointerleave: "pointerout"},
function( orig, fix ) {jQuery.event.special[ orig ] = {delegateType: fix, bindType: fix,};}; // handle:
function( event ) {var ret, target = this, related = event.relatedTarget, handleObj =
event.handleObj;};}; // For mouseenter/leave call the handler if related is outside the target. // NB: No
relatedTarget if the mouse left/entered the browser window ( !related || ( related !== target &&
!jQuery.contains( target, related ) ) ) {event.type = handleObj.origType;};}; // ret =
handleObj.handler.apply( this, arguments );};}; // event.type = fix;};}; // return ret;};}; };
});};}; jQuery.fn.extend( {on: function( types, selector, data, fn ) {return on( this, types, selector, data, fn
);};}; // one: function( types, selector, data, fn ) {return on( this, types, selector, data, fn, 1 );};}; // off:
function( types, selector, fn ) {var handleObj, type;};}; // ( types && types.preventDefault &&
types.handleObj ) {var event = jQuery.Event( type, {handleObj: types.handleObj,};}; // jQuery(
types.delegateTarget ).off( type, selector, data, fn, types.handleObj.namespace ? types.handleObj.namespace + "." +
handleObj.namespace
: types.handleObj.origType, types.handleObj.selector, types.handleObj.handler );};}; // return
this;};}; // ( typeof types === "object" ) {jQuery( types-object [, selector] ).off( type in types )
{jQuery.off( type, selector, types[ type ] );};}; // return this;};}; // ( selector === false || typeof
selector === "function" ) {jQuery( types [, fn] ).off( fn = selector, selector = undefined );};}; // ( fn
=== false ) {return false;};}; // return this.each( function() {jQuery.event.remove( this, types,
fn, selector );};}; // } );};}; // See
https://github.com/eslint/eslint/issues/3229

```





```

elem.nodeType === 1 ) {
return elem.innerHTML;
}

// See if we can take a shortcut and just use innerHTML
if ( typeof value === "string" && !noInnerhtml.test( value ) && !wrapMap[
rtagName.exec( value ) || [ "\", '\"] ][ 1 ].toLowerCase() ) {
value = jQuery.htmlPrefilter( value );
try {
for ( ; i < l; i++ ) {
elem = this[ i ] || {};
// Remove element nodes and prevent memory leaks
if ( elem.nodeType === 1 ) {
jQuery.cleanData( getAll( elem, false ) );
elem.innerHTML = value;
}
elem = 0;
}
// If using innerHTML throws an exception, use the fallback method
} catch ( e ) {}
}

if ( this.empty().append( value );
, null, value, arguments.length );
},
replaceWith:
function() {
var ignored = [];
// Make the changes, replacing each non-ignored context element with the new content
return domManip( this, arguments, function( elem ) {
var parent = this.parentNode;
jQuery.inArray( this, ignored ) < 0 {
jQuery.cleanData( getAll( this ) );
if ( parent ) {
parent.replaceChild( elem, this );
}
}
// Force callback invocation
}, ignored );
};
};
jQuery.each( ["append", "prepend", "insertBefore", "insertAfter", "replaceAll"], function( name, original ) {
jQuery.fn[ name ] = function( selector ) {
var elems,
ret = [],
insert = jQuery( selector ),
last = insert.length - 1,
i = 0;
for ( ; i <= last; i++ ) {
elems = i === last ? this : this.clone( true );
jQuery( insert[ i ] )( original )( elems );
// Support: Android <=4.0 only, PhantomJS 1 only
// .get() because push.apply(_, arraylike) throws on ancient WebKit
push.apply( ret, elems.get() );
}

return this.pushStack( ret );
};
};

var rnumnonpx = new RegExp( "(^| )px(?!px)[a-z%]+$", "i" );
var getStyles = function( elem ) {
// Support: IE <=11 only, Firefox <=30 (#15098, #14150)
// IE throws on elements created in popups
FF meanwhile throws on frame elements through
"defaultView.getComputedStyle"
var view = elem.ownerDocument.defaultView;
if ( !view || !view.opener ) {
view = window;
}

return view.getComputedStyle( elem );
};
var rboxStyle = new RegExp( cssExpand.join( "|" ), "i" );
(function() {
// Executing both pixelPosition & boxSizingReliable tests require only one layout
// so they're executed at the same time to save the second computation.
function computeStyleTests() {
// This is a singleton, we need to execute it only once
!div {
return;
}
container.style.cssText = "position:absolute;left:-1111px;width:60px;" +
"margin-top:1px;padding:0;border:0";
div.style.cssText = "position:relative;display:block;box-sizing:border-box;overflow:scroll;" +
"margin:auto;border:1px;padding:1px;" +
"width:60%;top:1%";
documentElement.appendChild( container ).appendChild( div );
var divStyle = window.getComputedStyle( div );
var pixelPositionVal = divStyle.top !== "1%";
// Support: Android 4.0 - 4.3 only, Firefox <=3 - 44
var reliableMarginLeftVal = roundPixelMeasures( divStyle.marginLeft ) === 12;
// Support: Android 4.0 - 4.3 only, Safari <=9.1 - 10.1, iOS <=7.0 - 9.3
// Some styles come back with percentage values, even though they shouldn't
div.style.right = "60%";
var pixelBoxStylesVal = roundPixelMeasures( divStyle.right ) === 36;
// Support: IE 9 - 11 only
// Detect misreporting of content dimensions for box-sizing: border-box elements
var boxSizingReliableVal = roundPixelMeasures( divStyle.width ) === 36;
// Support: IE 9 only
// Detect overflow: scroll screwiness (gh-3699)
div.style.position = "absolute";
var scrollBoxSizeVal = div.offsetWidth === 36 || "absolute";
documentElement.removeChild( container );
// Nullify the div so it wouldn't be stored in the memory and it will also be a sign that checks already performed
div = null;
}

function roundPixelMeasures( measure ) {
return Math.round( parseFloat( measure ) );
}

var pixelPositionVal, boxSizingReliableVal, scrollBoxSizeVal, pixelBoxStylesVal,
reliableMarginLeftVal,
container = document.createElement( "div" ),
div = document.createElement( "div" );
// Finish early in limited (non-browser) environments
if ( !div.style ) {
return;
}
// Support: IE <=9 - 11 only
// Style of cloned element affects source element cloned (#8908)
div.style.backgroundClip = "content-box";
div.cloneNode( true ).style.backgroundClip = "";
support.clearCloneStyle = div.style.backgroundClip === "content-box";
jQuery.extend( support, {
boxSizingReliable: function() {
computeStyleTests();
return boxSizingReliableVal;
},
pixelBoxStyles: function() {
computeStyleTests();
return pixelBoxStylesVal;
},
scrollBoxSize: function() {
computeStyleTests();
return scrollBoxSizeVal;
},
reliableMarginLeft: function() {
computeStyleTests();
return reliableMarginLeftVal;
},
pixelPosition: function() {
computeStyleTests();
return pixelPositionVal;
}
} );
} )();

```

```

pixelBoxStylesVal;
pixelPosition: function() {
    computeStyleTests();
    return pixelPositionVal;
},
reliableMarginLeft: function() {
    computeStyleTests();
    return reliableMarginLeftVal;
},
scrollboxSize: function() {
    computeStyleTests();
    return scrollboxSizeVal;
}
);
function curCSS( elem, name, computed ) {
    var width, minWidth,
        maxWidth, ret;
    // Support: Firefox 51+
    // Retrieving style before computed somehow fixes an issue
    // with getting wrong values on detached elements
    style = elem.style;
    computed = computed ||
        getStyles( elem );
    // getPropertyValue is needed for:
    // .css('filter') (IE 9 only, #12537)
    // .css('--customProperty) (#3144)
    if ( computed ) {
        ret = computed.getPropertyValue( name ) || computed[ name ];
    }
    if ( ret === "" && !jQuery.contains( elem.ownerDocument, elem ) ) {
        ret = jQuery.style( elem, name );
    }
    // A tribute to the "awesome hack by Dean Edwards"
    // Android Browser returns percentage for some values,
    // but width seems to be reliably pixels.
    // This is against the CSSOM draft spec:
    // https://drafts.csswg.org/cssom/#resolved-values
    if ( !support.pixelBoxStyles() && rnumnonpx.test( ret ) &&
        rboxStyle.test( name ) ) {
        // Remember the original values
        twidth = style.width;
        tminWidth = style.minWidth;
        tmaxWidth = style.maxWidth;
        // Put in the new values to get a computed value
        out = style.minWidth = style.maxWidth = style.width = ret;
        tret = computed.width;
        // Revert the changed values
        style.width = width;
        style.minWidth = minWidth;
        style.maxWidth =
            maxWidth;
    }
    return ret !== undefined ?
        // Support: IE <=9 - 11 only
        // IE returns zIndex value as an integer.
        tret + "" :
        // Support: IE <=9 - 11 only
        // IE returns zIndex value as an integer.
        !jQuery.addGetHookIf( conditionFn, hookFn ) {
            // Define the hook, we'll check on the first run if it's really needed.
            return {
                get: function() {
                    if ( conditionFn() ) {
                        // Hook not needed (or it's not possible to use it due
                        // to missing dependency), remove it.
                        delete this.get;
                        return;
                    }
                    // Hook needed; redefine it so that the support test is not
                    // executed again.
                    return ( this.get = hookFn ).apply( this, arguments );
                }
            };
        }
    // Swappable if display is none or starts with table
    // except "table", "table-cell", or "table-caption"
    // See here for display values:
    // https://developer.mozilla.org/en-US/docs/CSS/display#trdisplayswap = /^(none|table(?!-c[ea]).+)/
    customProp = /^--/,
    tcssShow = { position: "absolute", visibility: "hidden", display: "block" },
    tcssNormalTransform = { letterSpacing: "0", fontWeight: "400" },
    tcssPrefixes = [ "Webkit", "Moz", "ms" ],
    temptyStyle = document.createElement( "div" ).style;
    // Return a css property mapped to a potentially vendor prefixed property
    function vendorPropName( name ) {
        // Shortcut for names that are not vendor prefixed
        if ( name in emptyStyle ) {
            return name;
        }
        // Check for vendor prefixed names
        var capName = name[ 0 ].toUpperCase() + name.slice( 1 ),
            ti = cssPrefixes.length;
        while ( i-- ) {
            name = cssPrefixes[ i ] + capName;
            if ( name in emptyStyle ) {
                return name;
            }
        }
        // Return a property mapped along what jQuery.cssProps suggests or to
        // a vendor prefixed property.
        var ret = jQuery.cssProps[ name ];
        if ( !ret ) {
            ret = jQuery.cssProps[ name ] = vendorPropName( name ) || name;
        }
        return ret;
    }
    function setPositiveNumber( elem, value, subtract ) {
        // Any relative (+/-) values have already been normalized at this point
        var matches = rcssNum.exec( value );
        // Guard against undefined "subtract", e.g., when used as in cssHooks
        // Math.max( 0, matches[ 2 ] - ( subtract || 0 ) ) + ( matches[ 3 ] || "px" );
        function boxModelAdjustment( elem, dimension, box, isBorderBox, styles, computedVal ) {
            var i = dimension === "width" ? 1 : 0,
                extra = 0,
                delta = 0;
            Adjustment may not be necessary
            if ( box === ( isBorderBox ? "border" : "content" ) ) {
                return 0;
            }
            for ( ; i < 4; i += 2 ) {
                // Both box models exclude margin
                if ( box === "margin" ) {
                    delta += jQuery.css( elem, box + cssExpand[ i ], true, styles );
                }
                // If we get here with a content-box, we're seeking "padding" or "border" or "margin"
                if ( !isBorderBox ) {
                    Add padding
                    delta += jQuery.css( elem, "padding" + cssExpand[ i ], true, styles );
                }
                // For "border" or "margin", add border
                if ( box !== "padding" ) {
                    delta += jQuery.css( elem, "border" + cssExpand[ i ] + "Width", true, styles );
                }
                // But still keep track of it otherwise
            } else {
                // If we get here with a border-box (content + padding + border), we're seeking "content" or "padding" or "margin"
                if ( box === "content" ) {
                    subtract padding
                    delta -= jQuery.css( elem, "padding" +

```



```

undefined ) {
  if ( isCustomProp ) {
    style.setProperty( name, value );
  } else {
    style[ name ] = value;
  }
}
// If a hook was provided get the non-computed value from there
if ( hooks && "get" in hooks ) {
  ret = hooks.get( elem, false, extra );
}
// Otherwise just get the value from the style object
return style[ name ];
},
\ncss: function( elem, name, extra, styles ) {
  var val, num, hooks,
      origName = camelCase( name ),
      isCustomProp = rcustomProp.test( name );
  // Make sure that we're working with the right name.
  // We don't want to modify the value if it is a CSS custom property
  // since they are user-defined.
  if ( !isCustomProp ) {
    name = finalPropName( origName );
  }
  // Try prefixed name followed by the unprefixed name
  hooks = jQuery.cssHooks[ name ] || jQuery.cssHooks[ origName ];
  // If a hook was provided get the computed value from there
  if ( hooks && "get" in hooks ) {
    val = hooks.get( elem, true, extra );
  }
  // Otherwise, if a way to get the computed value exists, use that
  if ( val === undefined ) {
    val = curCSS( elem, name, styles );
  }
  // Convert "normal" to computed value
  if ( val === "normal" && name in cssNormalTransform ) {
    val = cssNormalTransform[ name ];
  }
  // Make numeric if forced or a qualifier was provided and val looks numeric
  if ( extra === "" || extra ) {
    num = parseFloat( val );
    return extra === true || isFinite( num ) ? num || 0 : val;
  }
  return val;
},
jQuery.each( [ "height", "width" ], function( i, dimension ) {
  jQuery.cssHooks[ dimension ] = {
    get: function( elem, computed, extra ) {
      if ( computed ) {
        // Certain elements can have dimension info if we invisibly show them
        // but it must have a current display style that would benefit
        rdisplayswap.test( jQuery.css( elem, "display" ) ) &&
          // Support: Safari 8+
          // Table columns in Safari have non-zero offsetWidth & zero getBoundingClientRect().width unless display is changed.
          // Support: IE <= 11 only
          // Running getBoundingClientRect on a disconnected node in IE throws an error.
          !elem.getBoundingClientRect() ||
            !elem.getBoundingClientRect().width ) ?
          tswap( elem, cssShow, function() {
            return getWidthOrHeight( elem, dimension, extra );
          } ) :
          getWidthOrHeight( elem, dimension, extra );
      }
      set: function( elem, value, extra ) {
        var matches,
            styles = getStyles( elem ),
            isBorderBox = jQuery.css( elem, "boxSizing", false, styles ) === "border-box",
            subtract = extra &&
              boxModelAdjustment( elem, dimension, extra, isBorderBox, styles ) ?
              // Account for unreliable border-box dimensions by comparing offset* to computed and faking a content-box to get border and padding (gh-3699)
              styles.position ) {
            subtract -= Math.ceil( elem[ "offset" + dimension[ 0 ].toUpperCase() + dimension.slice( 1 ) ] -
              parseFloat( styles[ dimension ] ) -
              boxModelAdjustment( elem, dimension, "border", false, styles ) -
              0.5 );
          }
          // Convert to pixels if value adjustment is needed
          if ( subtract && ( matches = rcssNum.exec( value ) ) && matches[ 3 ] || "px" ) {
            value = jQuery.css( elem, dimension );
            setPositiveNumber( elem, value, subtract );
          }
          jQuery.cssHooks.marginLeft = addGetHookIf(
            support.reliableMarginLeft,
            function( elem, computed ) {
              if ( computed ) {
                return ( parseFloat( curCSS( elem, "marginLeft" ) ) ||
                  elem.getBoundingClientRect().left -
                    tswap( elem, { marginLeft: 0 },
                      function() {
                        return elem.getBoundingClientRect().left;
                      }
                    ) + "px" );
              }
            }
          );
          // These hooks are used by animate to expand properties
          jQuery.each( { margin: "", padding: "", border: "Width" }, function( prefix, suffix ) {
            jQuery.cssHooks[ prefix + suffix ] = {
              expand: function( value ) {
                var i = 0,
                    expanded = {},
                    // Assumes a single number if not a string
                    parts = typeof value === "string" ? value.split( " " ) : [ value ],
                    tfor = ( ; i < 4; i++ ) {
                      expanded[ prefix + cssExpand[ i ] + suffix ] =
                        parts[ i ] || parts[ 0 ];
                    }
                    return expanded;
                }
                jQuery.fn.extend( {
                  css: function( name, value ) {
                    return access( this, function( elem, name, value ) {
                      var styles,
                          len,
                          tmap = {},
                          ti = 0,
                          tif = Array.isArray( name ) ?
                            ( Array.isArray( name ) ) {
                              styles = getStyles( elem );
                              tlen = name.length;
                              tfor ( ; i < len; i++ ) {
                                tmap[ name[ i ] ] = jQuery.css( elem, name[ i ], false, styles

```

```

);return map;return value !== undefined ?jQuery.style( elem, name, value )
:jQuery.css( elem, name );}, name, value, arguments.length > 1 );};function Tween( elem,
options, prop, end, easing ) {return new Tween.prototype.init( elem, options, prop, end, easing
);}jQuery.Tween = Tween;Tween.prototype = {constructor: Tween,init: function( elem, options, prop,
end, easing, unit ) {this.elem = elem;this.prop = prop;this.easing = easing ||
jQuery.easing._default;this.options = options;this.start = this.now = this.cur();this.end =
end;this.unit = unit || ( jQuery.cssNumber[ prop ] ? "px" : "px" );},cur: function() {var hooks =
Tween.propHooks[ this.prop ];return hooks && hooks.get ?hooks.get( this )
:Tween.propHooks._default.get( this );},run: function( percent ) {var eased, hooks =
Tween.propHooks[ this.prop ];if ( this.options.duration ) {this.pos = eased = jQuery.easing[ this.easing
]( percent, this.options.duration * percent, 0, 1, this.options.duration )} else {this.pos = eased =
percent;}this.now = ( this.end - this.start ) * eased + this.start;if ( this.options.step )
{this.options.step.call( this.elem, this.now, this );}if ( hooks && hooks.set ) {hooks.set( this
);} else {Tween.propHooks._default.set( this );}return
this;}};Tween.prototype.init.prototype = Tween.prototype;Tween.propHooks = {_default: {get:
function( tween ) {var result;Use a property on the element directly when it is not a DOM
element, or when there is no matching style property that exists.if ( tween.elem.nodeType !== 1
|| tween.elem[ tween.prop ] != null && tween.elem.style[ tween.prop ] == null ) {return tween.elem[
tween.prop ];}Passing an empty string as a 3rd parameter to .css will automatically attempt a
parseFloat and fallback to a string if the parse fails.Simple values such as "10px" are parsed to
Float; complex values such as "rotate(1rad)" are returned as-is.result = jQuery.css( tween.elem,
tween.prop, "" );Empty strings, null, undefined and "auto" are converted to 0.return !result ||
result === "auto" ? 0 : result;},set: function( tween ) {Use step hook for back compat.
Use cssHook if its there. Use .style if available and use plain properties where available.if (
jQuery.fx.step[ tween.prop ] ) {jQuery.fx.step[ tween.prop ]( tween );} else if ( tween.elem.nodeType
=== 1 && tween.elem.style[ jQuery.cssProps[ tween.prop ] ] != null || jQuery.cssHooks[
tween.prop ] ) {jQuery.style( tween.elem, tween.prop, tween.now + tween.unit );} else
{tween.elem[ tween.prop ] = tween.now;}}Support: IE <=9 only Panic based
approach to setting things on disconnected nodes Tween.propHooks.scrollTop = Tween.propHooks.scrollLeft =
{set: function( tween ) {if ( tween.elem.nodeType && tween.elem.parentNode ) {tween.elem[
tween.prop ] = tween.now;}}jQuery.easing = {linear: function( p ) {return p;},swing:
function( p ) {return 0.5 - Math.cos( p * Math.PI ) / 2;},_default: "swing"};jQuery.fx =
Tween.prototype.init;Back compat <1.8 extension point jQuery.fx.step = {};var fxNow,
inProgress, trfxTypes = /^(?:toggle|show|hide)$/, trrun = /queueHooks$/;function schedule() {if (
inProgress ) {if ( document.hidden === false && window.requestAnimationFrame )
{window.requestAnimationFrame( schedule );} else {window.setTimeout( schedule,
jQuery.fx.interval );}jQuery.fx.tick();}}// Animations created synchronously will run
synchronously function createFxNow() {window.setTimeout( function() {fxNow = undefined;});
return ( fxNow = Date.now() );}}// Generate parameters to create a standard animation function genFx(
type, includeWidth ) {var which, ti = 0, tattrs = { height: type };If we include width, step value is 1
to do all cssExpand values, otherwise step value is 2 to skip over Left and Right includeWidth =
includeWidth ? 1 : 0;for ( ; i < 4; i += 2 - includeWidth ) {which = cssExpand[ i ];tattrs[ "margin" +
which ] = tattrs[ "padding" + which ] = type;}}if ( includeWidth ) {tattrs.opacity = tattrs.width =
type;}}return tattrs;}}function createTween( value, prop, animation ) {var tween, collection = (
Animation.tweeners[ prop ] || [] ).concat( Animation.tweeners[ "*" ] ), index = 0, length =
collection.length;for ( ; index < length; index++ ) {if ( ( tween = collection[ index ].call( animation, prop,
value ) ) ) {return tween;}}// We're done with this property return tween;}}function defaultPrefilter(
elem, props, opts ) {var prop, value, toggle, hooks, oldfire, propTween, restoreDisplay, display,

```







```

jQuery.extend( {}, speed ) : {
  complete: fn || !fn && easing || isFunction( speed ) && speed,
  duration: speed,
  easing: fn && easing || easing && !isFunction( easing ) && easing,
  // Go to the end state if fx are off
  if ( jQuery.fx.off ) {
    duration = 0;
  } else {
    if ( typeof opt.duration !== "number" ) {
      if ( opt.duration in jQuery.fx.speeds ) {
        duration = jQuery.fx.speeds[ opt.duration ];
      } else {
        duration = jQuery.fx.speeds._default;
      }
    }
    // Normalize opt.queue - true/undefined/null -> "fx"
    if ( opt.queue == null || opt.queue === true ) {
      opt.queue = "fx";
    }
    // Queueing
    opt.old = opt.complete;
    opt.complete = function() {
      if ( isFunction( opt.old ) ) {
        opt.old.call( this );
      }
      if ( opt.queue ) {
        jQuery.dequeue( this, opt.queue );
      }
    };
  }
  return opt;
};

jQuery.fn.extend( {
  fadeTo: function( speed, to, easing, callback ) {
    // Show any hidden elements after setting opacity to 0
    return this.filter( isHiddenWithinTree ).css( "opacity", 0 ).show()
    // Animate to the value specified
    .end().animate( { opacity: to }, speed, easing, callback );
  },
  animate: function( prop, speed, easing, callback ) {
    var empty = jQuery.isEmptyObject( prop ),
        optall = jQuery.speed( speed, easing, callback ),
        doAnimation = function() {
          // Operate on a copy of prop so per-property easing won't be lost
          var anim = Animation( this, jQuery.extend( {}, prop ), optall );
          // Empty animations, or finishing resolves immediately
          if ( empty || dataPriv.get( this, "finish" ) ) {
            anim.stop( true );
          }
          anim.doAnimation.finish = doAnimation;
          return empty || optall.queue === false ?
            this.each( doAnimation ) :
            this.queue( optall.queue, doAnimation );
        },
        stop = function( type, clearQueue, gotoEnd ) {
          var stopQueue = function( hooks ) {
            hooks.stop;
            delete hooks.stop;
            stop( gotoEnd );
          };
          if ( typeof type !== "string" ) {
            gotoEnd = clearQueue;
            type = undefined;
          }
          if ( clearQueue && type !== false ) {
            this.queue( type || "fx", [] );
          }
          return this.each( function() {
            dequeue = true;
            index = type != null && type + "queueHooks";
            timers = jQuery.timers;
            data = dataPriv.get( this );
            if ( index ) {
              data[ index ] && data[ index ].stop();
            }
            stopQueue( data[ index ] );
            if ( index ) {
              delete data[ index ];
            }
            if ( timers.length; index-- ) {
              if ( timers[ index ].elem === this && ( type == null || timers[ index ].queue === type ) ) {
                timers[ index ].anim.stop( gotoEnd );
                dequeue = false;
                timers.splice( index, 1 );
              }
            }
            // Start the next in the queue if the last step wasn't forced.
            // Timers currently will call their complete callbacks, which will dequeue but only if they were gotoEnd.
            if ( !gotoEnd ) {
              jQuery.dequeue( this, type );
            }
          });
        },
        finish: function( type ) {
          if ( type !== false ) {
            type = type || "fx";
          }
          return this.each( function() {
            index = type + "queueHooks";
            data = dataPriv.get( this );
            data[ index ] = data[ index ] || {};
            data[ index ].queue = data[ type + "queue" ];
            data[ index ].hooks = data[ type + "queueHooks" ];
            data[ index ].timers = jQuery.timers;
            data[ index ].length = queue ? queue.length : 0;
          });
          // Enable finishing flag on private
          dataPriv.get( this, "finish" ) = true;
          // Empty the queue first
          jQuery.queue( this, type, [] );
          if ( hooks && hooks.stop ) {
            hooks.stop.call( this, true );
          }
          // Look for any active animations, and finish them
          for ( index = timers.length; index-- ) {
            if ( timers[ index ].elem === this && timers[ index ].queue === type ) {
              timers[ index ].anim.stop( true );
              timers.splice( index, 1 );
            }
          }
          // Look for any animations in the old queue and finish them
          for ( index = 0; index < length; index++ ) {
            if ( queue[ index ] && queue[ index ].finish ) {
              queue[ index ].finish.call( this );
            }
          }
          // Turn off finishing flag
          delete data[ index ].finish;
        };
    jQuery.each( [ "toggle", "show", "hide" ], function( i, name ) {
      var cssFn = jQuery.fn[ name ];
      jQuery.fn[ name ] = function( speed, easing, callback ) {
        return speed == null || typeof speed === "boolean" ?
          cssFn.apply( this, arguments ) :
          this.animate( genFx( name, true ), speed, easing, callback );
      };
    });
    // Generate shortcuts for custom animations
    jQuery.each( {
      slideDown: genFx( "show" ),
      slideUp: genFx( "hide" ),
      slideToggle: genFx( "toggle" ),
      fadeIn: { opacity: "show" },
      fadeOut: { opacity: "hide" },
      fadeToggle: { opacity: "toggle" }
    }, function( name, props ) {
      jQuery.fn[ name ] = function( speed, easing, callback ) {
        return this.animate( props, speed, easing, callback );
      };
    });
    jQuery.timers = [];
    jQuery.fx.tick = function() {
      var timer,
          i = 0,
          timers = jQuery.timers;
      for ( ; i < timers.length; i++ ) {
        if ( !timer ) {
          timer = timers[ i ];
        }
      }
    };
    jQuery.fxNow = Date.now();
    for ( ; i < timers.length; i++ ) {
      if ( !timer ) {
        timer = timers[ i ];
      }
    }
  }
};

```







```

9 doesn't update selected after form reset (#2551)
( ( option.selected || i === index ) &&
!option.disabled &&
!option.parentNode.disabled ||
!nodeName( option.parentNode, "optgroup" ) ) ) {
// Get the specific value for the option
value = jQuery( option ).val();
// We don't need an array for one selects
( one ) {
return value;
}
// Multi-Selects return an array
values.push( value );
}
return values;
},
tset: function( elem, value ) {
var optionSet, option,
options = elem.options,
values = jQuery.makeArray( value ),
ti = options.length;
while ( i-- ) {
option = options[ i ];
// eslint-disable no-cond-assign
*option.selected =
jQuery.inArray( jQuery.valHooks.option.get( option ), values ) > -1;
optionSet = true;
}
// Force browsers to behave consistently when non-matching value is set
( !optionSet ) {
elem.selectedIndex = -1;
}
return values;
},
},
// Radios and checkboxes getter/setter
jQuery.each( [ "radio", "checkbox" ], function() {
jQuery.valHooks[ this ] = {
tset: function( elem, value ) {
return ( Array.isArray( value ) ) ?
jQuery.inArray( jQuery( elem ).val(), value ) > -1 :
!support.checkOn ?
jQuery.valHooks[ this ].get( elem ) :
elem.value;
};
// Return jQuery for attributes-only inclusion
support.focusin =
"onfocusin" in window;
var rfocusMorph = /^(?:focusin|focusout|blur)$/,
stopPropagationCallback = function( e ) {
e.stopPropagation();
};
jQuery.extend( jQuery.event, {
trigger: function( event, data, elem, onlyHandlers ) {
var i, cur, tmp, bubbleType, ontype, handle, special, lastElement,
eventPath = [ elem || document ],
type = hasOwn.call( event, "type" ) ? event.type : event.namespace +
event.namespace.split( "." ) : [],
tcur = lastElement = tmp = elem = elem || document;
// Don't do events on text and comment nodes
if ( elem.nodeType === 3 || elem.nodeType === 8 ) {
return;
}
// focus/blur morphs to focusin/out; ensure we're not firing them right now
if ( rfocusMorph.test( type + jQuery.event.triggered ) ) {
return;
}
// Namespaced trigger; create a regexp to match event type in handle()
namespaces = type.split( "." );
type = namespaces.shift();
namespaces.sort();
ontype = type.indexOf( ":" ) < 0 && "on" + type;
// Caller can pass in a jQuery.Event object, Object, or just an event type string
event = event[ jQuery.expando ] ?
event : new jQuery.Event( type, typeof event === "object" && event );
// Trigger bitmask: & 1 for native handlers; & 2 for jQuery (always true)
event.isTrigger = onlyHandlers ? 2 : 3;
event.namespace = namespaces.join( "." );
event.rnamespace = event.namespace ?
new RegExp( "(^|\\.|)" + namespaces.join( "\\.|(?:.*|)" ) + "\\|$" ) : null;
// Clean up the event in case it is being reused
event.result = undefined;
if ( !event.target ) {
event.target = elem;
}
// Clone any incoming data and prepend the event, creating the handler arg list
data = data == null ? [ event ] :
jQuery.makeArray( data, [ event ] );
// Allow special events to draw outside the lines
special = jQuery.event.special[ type ] || {};
if ( !onlyHandlers && special.trigger && special.trigger.apply( elem, data ) === false ) {
return;
}
// Determine event propagation path in advance, per W3C events spec (#9951)
// Bubble up to document, then to window; watch for a global ownerDocument var (#9724)
if ( !onlyHandlers && !special.noBubble && !isWindow( elem ) ) {
bubbleType = special.delegateType || type;
if ( !rfocusMorph.test( bubbleType + type ) ) {
tcur = cur.parentNode;
}
for ( ; cur; cur = cur.parentNode ) {
eventPath.push( cur );
tmp = cur;
}
// Only add window if we got to document (e.g., not plain obj or detached DOM)
if ( tmp === ( elem.ownerDocument || document ) ) {
eventPath.push( tmp.defaultView || tmp.parentWindow || window );
}
}
// Fire handlers on the event path
ti = 0;
while ( ( cur = eventPath[ i++ ] ) && !event.isPropagationStopped() ) {
lastElement = cur;
event.type = i > 1 ?
special.bindType || type :
jQuery.handler( cur, "events" ) || {}[ event.type ] &&
dataPriv.get( cur, "handle" );
if ( handle ) {
handle.apply( cur, data );
}
// Native handler
handle = ontype && cur[ ontype ];
if ( handle && handle.apply && acceptData( cur ) ) {
event.result =

```

```

handle.apply( cur, data );
if ( !event.preventDefault() ) {
    // If nobody prevented the default action, do it now
    if ( !onlyHandlers && !event.isDefaultPrevented() ) {
        // Call a native DOM method on the target with the same name as the event
        // Don't do default actions on window, that's where global variables
        // are (#6170)
        if ( onType && isFunction( elem[ onType ] ) && !isWindow( elem ) ) {
            // Don't re-trigger an onFOO event when we call its FOO() method
            var tmp = elem[ onType ];
            if ( tmp ) {
                elem[ onType ] = null;
            }
            // Prevent re-triggering of the same event, since we already bubbled it above
            jQuery.event.triggered = type;
            if ( event.isPropagationStopped() ) {
                $( lastElement ).addEventListner( type, stopPropagationCallback );
            }
            elem[ onType ] = tmp;
            if ( tmp ) {
                elem[ onType ] = null;
            }
            return event.result;
        }
    }
    // Piggyback on a donor event to simulate a different one
    // Used only for `focus(in | out)` events
    simulate: function( type, elem, event ) {
        var e = jQuery.extend( new jQuery.Event(), event, { type: type, isSimulated: true } );
        jQuery.event.trigger( e, null, elem );
    },
    jQuery.fn.extend( {
        trigger: function( type, data ) {
            return this.each( function() {
                jQuery.event.trigger( type, data, this );
            } );
        },
        triggerHandler: function( type, data ) {
            var elem = this[ 0 ];
            if ( elem ) {
                return jQuery.event.trigger( type, data, elem, true );
            }
        }
    } );
    // Support: Firefox <=44, Firefox doesn't have focus(in | out) events
    // Related ticket - https://bugzilla.mozilla.org/show_bug.cgi?id=687787
    // Support: Chrome <=48 - 49, Safari <=9.0 - 9.1
    // focus(in | out) events fire after focus & blur events,
    // which is spec violation - http://www.w3.org/TR/DOM-Level-3-Events/#events-focus-event-order
    // Related ticket - https://bugs.chromium.org/p/chromium/issues/detail?id=449857
    if ( !support.focusin ) {
        jQuery.each( { focus: "focusin", blur: "focusout" }, function( orig, fix ) {
            // Attach a single capturing handler on the document while someone wants focusin/focusout
            var handler = function( event ) {
                jQuery.event.simulate( fix, event.target, jQuery.event.fix( event ) );
            };
            jQuery.event.special[ fix ] = {
                setup: function() {
                    var doc = this.ownerDocument || this,
                        attaches = dataPriv.access( doc, fix );
                    if ( !attaches ) {
                        doc.addEventListener( orig, handler, true );
                        dataPriv.access( doc, fix, ( attaches || 0 ) + 1 );
                    }
                },
                teardown: function() {
                    var doc = this.ownerDocument || this,
                        attaches = dataPriv.access( doc, fix ) - 1;
                    if ( !attaches ) {
                        doc.removeEventListener( orig, handler, true );
                        dataPriv.remove( doc, fix );
                    } else {
                        dataPriv.access( doc, fix, attaches );
                    }
                }
            };
        } );
        var location = window.location;
        var nonce = Date.now();
        var rquery = ( /\?/ );
        // Cross-browser xml parsing
        jQuery.parseXML = function( data ) {
            var xml;
            if ( !data || typeof data !== "string" ) {
                return null;
            }
            // Support: IE 9 - 11 only
            // IE throws on parseFromString with invalid input.
            try {
                xml = ( new window.DOMParser() ).parseFromString( data, "text/xml" );
            } catch ( e ) {
                xml = undefined;
            }
            if ( !xml || !xml.getElementsByTagName( "parsererror" ).length ) {
                jQuery.error( "Invalid XML: " + data );
            }
            return xml;
        };
        var rtbody = /\r?|/g,
            rsubmitterTypes = /^(?:(?!(?:submit|button|image|reset|file))$/i,
            rinput = /^(?:input|select|text|text|keygen)/i;
        function buildParams( prefix, obj, traditional, add ) {
            var name;
            if ( Array.isArray( obj ) ) {
                // Serialize array item.
                jQuery.each( obj, function( i, v ) {
                    if ( traditional || rtbody.test( prefix ) ) {
                        // Treat each array item as a scalar.
                        add( prefix, v );
                    } else {
                        // Item is non-scalar (array or object), encode its numeric index.
                        buildParams( prefix + "[" + ( typeof v === "object" && v != null ? i : "" ) +
                            "]" , jQuery( v ), traditional, add );
                    }
                } );
            } else if ( !traditional && toType( obj ) === "object" ) {
                // Serialize object item.
                for ( name in obj ) {
                    buildParams( prefix + "[" + name + "]" , obj[ name ], traditional, add );
                }
            } else {
                // Serialize scalar item.
                add( prefix, obj );
            }
        }
        // Serialize an array of form elements or a set of key/values into a query string
        jQuery.param =

```



```

function( a, traditional ) {
  var prefix, ts = [], tadd = function( key, valueOrFunction ) {
    // If value is a function, invoke it and use its return value
    var value = isFunction( valueOrFunction ) ?
      valueOrFunction() : valueOrFunction;
    ts[ s.length ] = encodeURIComponent( key ) + "=" +
      encodeURIComponent( value == null ? "" : value );
  };
  // If an array was passed in, assume that it is an array of form elements
  if ( Array.isArray( a ) || ( a.jquery && !jQuery.isPlainObject( a ) ) ) {
    // Serialize the form elements
    jQuery.each( a, function() {
      tadd( this.name, this.value );
    } );
  } else {
    // If traditional, encode the "old" way (the way 1.3.2 or older did it), otherwise encode params recursively
    for ( prefix in a ) {
      buildParams( prefix, a[ prefix ], traditional, add );
    }
  }
  // Return the resulting serialization
  return s.join( "&" );
};
jQuery.fn.extend( {
  serialize: function() {
    return jQuery.param( this.serializeArray() );
  },
  serializeArray: function() {
    return this.map( function() {
      // Can add propHook for "elements" to filter or add form elements
      var elements = jQuery.prop( this, "elements" );
      return elements ? jQuery.makeArray( elements ) : this;
    } ).filter( function() {
      var type = this.type;
      // Use .is(":disabled") so that fieldset[disabled] works
      return this.name && !jQuery( this ).is( ":disabled" ) && !this.traversable.test( this.nodeName ) && !submitterTypes.test( type ) && !this.checked || !rcheckableType.test( type );
    } ).map( function( i, elem ) {
      var val = jQuery( this ).val();
      if ( val == null ) {
        return null;
      }
      if ( Array.isArray( val ) ) {
        return jQuery.map( val, function( val ) {
          return { name: elem.name, value: val.replace( rCRLF, "\r\n" ) };
        } );
      }
      return { name: elem.name, value: val.replace( rCRLF, "\r\n" ) };
    } ).get();
  }
});
var r20 = /%20/g,
  rhash = /#.*$/,
  rantiCache = /(?:&)=\[\^&]*/,
  rheaders = /\^(.*?):[ \t]*([\^\r\n]*)$/mg,
  rlocalProtocol = /^(?:about|app|app-storage|.+-extension|file|res|widget):$/,
  rnoContent = /^(?:GET|HEAD)$/,
  rprotocol = /^\s|\s/,
  rPrefilters = [
    // They are useful to introduce custom dataTypes (see ajax/jsonp.js for an example)
    // These are called:
    // - BEFORE asking for a transport
    // - AFTER param serialization (s.data is a string if s.processData is true)
    // 3) key is the dataType
    // 4) the catchall symbol "*" can be used
    // 5) execution will start with transport dataType and THEN continue down to "*" if needed
    {
      transports: {},
      // Avoid comment-prolog char sequence (#10098); must appease lint and evade compression
      allTypes: "*^".concat( "*" ),
      // Anchor tag for parsing the document origin
      originAnchor: document.createElement( "a" );
      originAnchor.href = location.href;
      // Base "constructor" for jQuery.ajaxPrefilter and jQuery.ajaxTransport
      addToPrefiltersOrTransports( structure ) {
        // dataTypeExpression is optional and defaults to "*"
        return function( dataTypeExpression, func ) {
          if ( typeof dataTypeExpression !== "string" ) {
            dataTypeExpression = "*";
          }
          var dataType,
            i = 0,
            dataTypes = dataTypeExpression.toLowerCase().match( rnohtmlwhite ) || [];
          if ( !jQuery.inArray( "string", dataTypes ) ) {
            // For each dataType in the dataTypeExpression
            while ( ( dataType = dataTypes[ i++ ] ) ) {
              // Prepend if requested
              if ( dataTypes[ 0 ] !== "+" ) {
                dataType = dataType.slice( 1 ) || "*";
                structure[ dataType ] = structure[ dataType ] || [];
                structure[ dataType ].unshift( func );
              }
              // Otherwise append
              else {
                structure[ dataType ] = structure[ dataType ] || [];
                structure[ dataType ].push( func );
              }
            }
          }
          // Base inspection function for prefilters and transports
          function inspectPrefiltersOrTransports( structure, options, originalOptions, jqXHR ) {
            var inspected = {},
              seekingTransport = ( structure === transports );
            function inspect( dataType ) {
              var selected;
              inspected[ dataType ] = true;
              jQuery.each( structure[ dataType ] || [], function( _, prefilterOrFactory ) {
                var dataTypeOrTransport = prefilterOrFactory( options, originalOptions, jqXHR );
                if ( typeof dataTypeOrTransport === "string" && !seekingTransport && !inspected[ dataTypeOrTransport ] ) {
                  inspected[ dataTypeOrTransport ] = true;
                  // A special extend for ajax options
                  // that takes "flat" options (not to be deep extended)
                  // Fixes #9887
                  function ajaxExtend( target, src ) {
                    var key, deep, flatOptions =

```

```

jQuery.ajaxSettings.flatOptions || {});
for ( key in src ) {
  if ( src[ key ] !== undefined ) {
    flatOptions[ key ] ? target : ( deep || ( deep = {} ) ) [ key ] = src[ key ];
  }
}
jQuery.extend( true, target, deep );
return target;
}
/* Handles responses to an ajax request:
 * - finds the right dataType (mediates between content-type and expected dataType)
 * - returns the corresponding response
 */
function ajaxHandleResponses( s, jqXHR, responses ) {
  var ct, type, finalDataType, firstDataType, contents = s.contents,
      dataTypes = s.dataTypes;

  // Remove auto dataType and get content-type in the process
  while ( dataTypes[ 0 ] === "*" ) {
    dataTypes.shift();
    if ( ct === undefined ) {
      ct = s.mimeType || jqXHR.getResponseHeader( "Content-Type" );
    }
    // Check if we're dealing with a known content-type
    if ( ct ) {
      for ( type in contents ) {
        if ( contents[ type ] && contents[ type ].test( ct ) ) {
          dataTypes.unshift( type );
          break;
        }
      }
    }
    // Check to see if we have a response for the expected dataType
    if ( dataTypes[ 0 ] in responses ) {
      finalDataType = dataTypes[ 0 ];
    } else {
      // Try convertible dataTypes
      for ( type in responses ) {
        if ( !dataTypes[ 0 ] || s.converters[ type + " " + dataTypes[ 0 ] ] ) {
          finalDataType = type;
          break;
        }
      }
      // Or just use first one
      finalDataType = firstDataType;
    }
    // If we found a dataType
    // We add the dataType to the list if needed
    // and return the corresponding response
    if ( finalDataType ) {
      if ( finalDataType !== dataTypes[ 0 ] ) {
        dataTypes.unshift( finalDataType );
      }
      return responses[ finalDataType ];
    }
  }
  /* Chain conversions given the request and the original response
  * Also sets the responseXXX fields on the jqXHR instance
  */
  function ajaxConvert( s, response, jqXHR, isSuccess ) {
    var conv2, current, conv, tmp, prev, converters = {},
        dataTypes = s.dataTypes.slice();
    // Create converters map with lowercased keys
    if ( dataTypes[ 1 ] ) {
      for ( conv in s.converters ) {
        converters[ conv.toLowerCase() ] = s.converters[ conv ];
      }
    }
    current = dataTypes.shift();
    // Convert to each sequential dataType
    while ( current ) {
      if ( s.responseFields[ current ] ) {
        jqXHR[ s.responseFields[ current ] ] = response;
      }
      // Apply the dataFilter if provided
      if ( !prev && isSuccess && s.dataFilter ) {
        response = s.dataFilter( response, s.dataType );
      }
      prev = current;
      current = dataTypes.shift();
      if ( current ) {
        // There's only work to do if current dataType is non-auto
        if ( current === "*" ) {
          current = prev;
        }
        // Convert response if prev dataType is non-auto and differs from current
        else if ( prev !== "*" && prev !== current ) {
          // Seek a direct converter
          conv = converters[ prev + " " + current ] || converters[ "*" + current ];
          // If none found, seek a pair
          if ( !conv ) {
            for ( conv2 in converters ) {
              // If conv2 outputs current
              tmp = conv2.split( " " );
              if ( tmp[ 1 ] === current ) {
                // If prev can be converted to accepted input
                conv = converters[ prev + " " + tmp[ 0 ] ] || converters[ "*" + tmp[ 0 ] ];
              }
            }
          }
          // Condense equivalence converters
          if ( conv === true ) {
            conv = converters[ conv2 ];
          }
          // Otherwise, insert the intermediate dataType
          else if ( converters[ conv2 ] !== true ) {
            current = tmp[ 0 ];
            dataTypes.unshift( tmp[ 1 ] );
          }
        }
      }
      // Apply converter (if not an equivalence)
      if ( conv !== true ) {
        // Unless errors are allowed to bubble, catch and return them
        if ( conv && s.throws ) {
          response = conv( response );
        } else {
          try {
            response = conv( response );
          } catch ( e ) {
            return {
              state: "parsererror",
              error: conv ? e : "No conversion from " + prev + " to " + current
            };
          }
        }
      }
    }
  }
  return {
    state: "success",
    data: response
  };
}
jQuery.extend( {
  // Counter for holding the number of active queries
  active: 0,
  // Last-Modified header cache for next request
  lastModified: {},
  etag: {},
  ajaxSettings: {
    url: location.href,
    type: "GET",
    isLocal: rlocalProtocol.test( location.protocol ),
    global: true,
    processData: true,
    async: true,
    contentType: "application/x-www-form-urlencoded; charset=UTF-8",
    /* */
    timeout: 0,
    dataType: null,
    username: null,
    password: null,
    cache: null,
    throws: false,
    traditional: false,
    headers: {},
    /* */
    accepts: {
      "*": allTypes,
      text: "text/plain",
      html:

```



```
signature)\n\t\t// We also use the url parameter if available\n\t\tts.url = ( ( url || s.url || location.href ) + "\\\" )\n\t\t.replace( rprotocol, location.protocol + "\\\" );\n\t\t// Alias method option to type as per ticket #12004\n\t\tts.type = options.method || options.type || s.method || s.type;\n\t\t// Extract dataTypes list\n\t\tts.dataTypes = ( s.dataType || "*" ).toLowerCase().match( rnohtmlwhite ) || [ "" ];\n\t\t// A cross-domain request is in order when the origin doesn't match the current origin.\n\t\tif ( s.crossDomain == null ) {\n\t\t\turlAnchor = document.createElement( "a" );\n\t\t\t// Support: IE <=8 - 11, Edge 12 - 15\n\t\t\t// IE throws exception on accessing the href property if url is malformed, e.g. http://example.com:80x\n\t\t\ttry {\n\t\t\t\turlAnchor.href = s.url;\n\t\t\t\t// Support: IE <=8 - 11 only\n\t\t\t\t// Anchor's host property isn't correctly set when s.url is relative\n\t\t\t\turlAnchor.href = urlAnchor.href;\n\t\t\t\tts.crossDomain = originAnchor.protocol + "\\\" + originAnchor.host !==\n\t\t\t\turlAnchor.protocol + "\\\" + urlAnchor.host;\n\t\t\t} catch ( e ) {\n\t\t\t\t// If there is an error parsing the URL, assume it is crossDomain, it can be rejected by the transport if it is invalid\n\t\t\t\tts.crossDomain = true;\n\t\t\t}\n\t\t\t// Convert data if not already a string\n\t\t\tif ( s.data && s.processData && typeof s.data !== "string" ) {\n\t\t\t\tts.data = jQuery.param( s.data, s.traditional );\n\t\t\t}\n\t\t\t// Apply prefilters\n\t\t\tinspectPrefiltersOrTransports( prefilters, s, options, jqXHR );\n\t\t\t// If request was aborted inside a prefilter, stop there\n\t\t\tif ( completed ) {\n\t\t\t\treturn jqXHR;\n\t\t\t}\n\t\t\t// We can fire global events as of now if asked to\n\t\t\t// Don't fire events if jQuery.event is undefined in an AMD-usage scenario (#15118)\n\t\t\tfireGlobals = jQuery.event && s.global;\n\t\t\t// Watch for a new set of requests\n\t\t\tif ( fireGlobals && jQuery.active++ === 0 ) {\n\t\t\t\tjQuery.event.trigger( "ajaxStart" );\n\t\t\t}\n\t\t\t// Uppercase the type\n\t\t\tts.type = s.type.toUpperCase();\n\t\t\t// Determine if request has content\n\t\t\tts.hasContent = !rnoContent.test( s.type );\n\t\t\t// Save the URL in case we're toyng with the If-Modified-Since and/or If-None-Match header later on\n\t\t\t// Remove hash to simplify url manipulation\n\t\t\tcacheURL = s.url.replace( rhash, "" );\n\t\t\t// More options handling for requests with no content\n\t\t\tif ( !s.hasContent ) {\n\t\t\t\t// Remember the hash so we can put it back\n\t\t\t\tuncached = s.url.slice( cacheURL.length );\n\t\t\t\t// If data is available and should be processed, append data to url\n\t\t\t\tif ( s.data && ( s.processData || typeof s.data === "string" ) ) {\n\t\t\t\t\tcacheURL += ( rquery.test( cacheURL ) ? "&" : "?" ) + s.data;\n\t\t\t\t\t// #9682: remove data so that it's not used in an eventual retry\n\t\t\t\t\tdelete s.data;\n\t\t\t\t}\n\t\t\t\t// Add or update anti-cache param if needed\n\t\t\t\tif ( s.cache === false ) {\n\t\t\t\t\tcacheURL = cacheURL.replace( rantiCache, "$1" );\n\t\t\t\t\tuncached = ( rquery.test( cacheURL ) ? "&" : "?" ) + "_=" + ( nonce++ ) + uncached;\n\t\t\t\t}\n\t\t\t\t// Put hash and anti-cache on the URL that will be requested\n\t\t\t\tts.url = cacheURL + uncached;\n\t\t\t\t// Change '%20' to '+' if this is encoded form body content\n\t\t\t\tif ( gh-1732 ) {\n\t\t\t\t\tts.url = cacheURL + uncached;\n\t\t\t\t\t// Change '%20' to '+' if this is encoded form body content\n\t\t\t\t\tif ( gh-2658 ) {\n\t\t\t\t\t\telse if ( s.data && s.processData && ( s.contentType || "" ).indexOf( "application/x-www-form-urlencoded" ) === 0 ) {\n\t\t\t\t\t\t\tts.data = s.data.replace( r20, "+" );\n\t\t\t\t\t\t}\n\t\t\t\t\t}\n\t\t\t\t}\n\t\t\t\t// Set the If-Modified-Since and/or If-None-Match header, if in ifModified mode.\n\t\t\t\tif ( s.ifModified ) {\n\t\t\t\t\tif ( jQuery.lastModified[ cacheURL ] ) {\n\t\t\t\t\t\tjqXHR.setRequestHeader( "If-Modified-Since", jQuery.lastModified[ cacheURL ] );\n\t\t\t\t\t}\n\t\t\t\t\tif ( jQuery.etag[ cacheURL ] ) {\n\t\t\t\t\t\tjqXHR.setRequestHeader( "If-None-Match", jQuery.etag[ cacheURL ] );\n\t\t\t\t\t}\n\t\t\t\t}\n\t\t\t\t// Set the correct header, if data is being sent\n\t\t\t\tif ( s.data && s.hasContent && s.contentType !== false || options.contentType ) {\n\t\t\t\t\tjqXHR.setRequestHeader( "Content-Type", s.contentType );\n\t\t\t\t}\n\t\t\t\t// Set the Accepts header for the server, depending on the dataType\n\t\t\t\tjqXHR.setRequestHeader( "Accept",\n\t\t\t\t\tts.dataTypes[ 0 ] && s.accepts[ s.dataTypes[ 0 ] ] ?\n\t\t\t\t\tts.accepts[ s.dataTypes[ 0 ] ] +\n\t\t\t\t\t"\n\t\t\t\t\t( s.dataTypes[ 0 ] !== "*" ? ", " + allTypes + "; q=0.01" : "" ) :\n\t\t\t\t\tts.accepts[ "*" ] );\n\t\t\t\t// Check for headers option\n\t\t\t\tfor ( i in s.headers ) {\n\t\t\t\t\tjqXHR.setRequestHeader( i, s.headers[ i ] );\n\t\t\t\t}\n\t\t\t\t// Allow custom headers/mimetypes and early abort\n\t\t\t\tif ( s.beforeSend && !s.beforeSend.call( callbackContext, jqXHR, s ) === false || completed ) {\n\t\t\t\t\t// Abort if not done already and return\n\t\t\t\t\treturn jqXHR.abort();\n\t\t\t\t}\n\t\t\t\t// Abort is no longer a cancellation\n\t\t\t\tstrAbort = "abort";\n\t\t\t\t// Install callbacks on deferreds\n\t\t\t\tcompleteDeferred.add( s.complete );\n\t\t\t\tjqXHR.done( s.success );\n\t\t\t\tjqXHR.fail( s.error );\n\t\t\t\t// Get transport\n\t\t\t\ttransport = inspectPrefiltersOrTransports( transports, s, options, jqXHR );\n\t\t\t\t// If no transport, we auto-abort\n\t\t\t\tif ( !transport ) {\n\t\t\t\t\ttdone( -1, "No Transport" );\n\t\t\t\t} else {\n\t\t\t\t\tjqXHR.readyState = 1;\n\t\t\t\t\t// Send global event\n\t\t\t\t\tif ( fireGlobals ) {\n\t\t\t\t\t\tglobalEventContext.trigger( "ajaxSend", [ jqXHR, s ] );\n\t\t\t\t\t}\n\t\t\t\t\t// If
```



```

this;
while ( elem.firstChild ) {
    elem = elem.firstChild;
    return elem;
}.append( this );
return this;
wrapInner: function( html ) {
    if ( isFunction( html ) ) {
        return this.each( function( i ) {
            jQuery( this ).wrapInner( html.call( this, i ) );
        });
    }
    return this.each( function() {
        var self = jQuery( this ),
            contents = self.contents();
        if ( contents.length ) {
            contents.wrapAll( html );
        } else {
            self.append( html );
        }
    });
},
wrap: function( html ) {
    var htmlIsFunction = isFunction( html );
    return this.each( function( i ) {
        jQuery( this ).wrapAll( htmlIsFunction ? html.call( this, i ) : html );
    });
},
unwrap: function( selector ) {
    this.parent( selector ).not( "body" ).each( function() {
        jQuery( this ).replaceWith( this.childNodes );
    });
    return this;
},
jQuery.expr.pseudos.hidden = function( elem ) {
    return !jQuery.expr.pseudos.visible( elem );
};
jQuery.expr.pseudos.visible = function( elem ) {
    return !!(
        elem.offsetWidth || elem.offsetHeight || elem.getClientRects().length );
};
jQuery.ajaxSettings.xhr = function() {
    try {
        return new window.XMLHttpRequest();
    } catch ( e ) {}
};
var xhrSuccessStatus = {
    // File protocol always yields status code 0, assume 200
    0: 200,
    // Support: IE <=9 only
    // #1450: sometimes IE returns 1223 when it should be 204
    1223: 204
};
jQuery.ajaxSettings.xhr() = support.cors = !xhrSupported && ( "withCredentials" in xhrSupported );
support.ajax = xhrSupported = !xhrSupported;
jQuery.ajaxTransport( function( options ) {
    var callback, errorCallback;
    // Cross domain only allowed if supported through XMLHttpRequest
    if ( support.cors || xhrSupported && !options.crossDomain ) {
        return {
            send: function( headers, complete ) {
                var i,
                    xhr = options.xhr();
                xhr.open( options.type, options.url, options.async, options.username, options.password );
                // Apply custom fields if provided
                if ( options.xhrFields ) {
                    for ( i in options.xhrFields ) {
                        xhr[ i ] = options.xhrFields[ i ];
                    }
                }
                // Override mime type if needed
                if ( options.mimeType && xhr.overrideMimeType ) {
                    xhr.overrideMimeType( options.mimeType );
                }
                // X-Requested-With header
                // For cross-domain requests, seeing as conditions for a preflight are
                // akin to a jigsaw puzzle, we simply never set it to be sure.
                // (it can always be set on a per-request basis or even using ajaxSetup)
                // For same-domain requests, won't change header if already provided.
                if ( !options.crossDomain && !headers[ "X-Requested-With" ] ) {
                    headers[ "X-Requested-With" ] = "XMLHttpRequest";
                }
                // Set headers
                for ( i in headers ) {
                    xhr.setRequestHeader( i, headers[ i ] );
                }
                // Callback
                callback = function( type ) {
                    return function() {
                        callback = errorCallback = xhr.onload =
                            xhr.onerror = xhr.onabort = xhr.ontimeout =
                            xhr.onreadystatechange = null;
                        if ( type === "abort" ) {
                            xhr.abort();
                        } else if ( type === "error" ) {
                            // Support: IE <=9
                            // On a manual native abort, IE9 throws errors on any property access that is not
                            // readyState
                            if ( typeof xhr.status !== "number" ) {
                                complete( 0, "error" );
                            } else {
                                #14207
                                xhr.status,
                                xhr.statusText,
                                xhr.responseText;
                                // Support: IE <=9 only
                                // IE9 has no XHR2 but throws on binary (trac-11426)
                                // For XHR2 non-text, let the caller handle it (gh-2498)
                                xhr.responseText || ( typeof xhr.responseText !== "string" ) ? {
                                    binary: xhr.response } : {
                                    text: xhr.responseText
                                },
                                xhr.getAllResponseHeaders();
                            }
                        }
                    };
                };
                xhr.onerror = errorCallback = xhr.onabort = xhr.ontimeout = callback( "error" );
                // Support: IE 9 only
                // Use onreadystatechange to replace onabort
                // to handle uncaught aborts
                if ( xhr.onabort !== undefined ) {
                    xhr.onabort = errorCallback;
                } else {
                    xhr.onreadystatechange = function() {
                        // Check readyState before timeout as it
                        // changes
                        if ( xhr.readyState === 4 ) {
                            // Allow onerror to be called first
                            // but that

```



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"script";\n\t} } );\n\n\n\n\n// Support: Safari 8 only\n// In Safari 8 documents created via
document.implementation.createHTMLDocument\n// collapse sibling forms: the second one becomes a child of the
first one.\n// Because of that, this security measure has to be disabled in Safari 8.\n//
https://bugs.webkit.org/show_bug.cgi?id=137337\nsupport.createHTMLDocument = ( function() {\n\tvar body =
document.implementation.createHTMLDocument( "" ).body;\n\tbody.innerHTML =
"<form></form><form></form>";\n\treturn body.childNodes.length === 2;\n } );\n\n\n// Argument "data"
should be string of html\n// context (optional): If specified, the fragment will be created in this context,\n// defaults
to document\n// keepScripts (optional): If true, will include scripts passed in the html string\njQuery.parseHTML =
function( data, context, keepScripts ) {\n\tif ( typeof data !== "string" ) {\n\t\treturn [];\n\t}\n\tif ( typeof context
=== "boolean" ) {\n\t\tkeepScripts = context;\n\t\tcontext = false;\n\t}\n\tvar base, parsed, scripts;\n\tif (
!context ) {\n\t\t// Stop scripts or inline event handlers from being executed immediately\n\t\t// by using
document.implementation\n\t\tif ( support.createHTMLDocument ) {\n\t\t\tcontext =
document.implementation.createHTMLDocument( "" );\n\t\t\t// Set the base href for the created
document\n\t\t\t// so any parsed elements with URLs\n\t\t\t// are based on the document's URL (gh-2965)\n\t\t\tbase
= context.createElement( "base" );\n\t\t\tbase.href = document.location.href;\n\t\t\tcontext.head.appendChild( base
 );\n\t\t} else {\n\t\t\tcontext = document;\n\t\t}\n\t\tparsed = rsingleTag.exec( data );\n\t\tscripts = !keepScripts
&& [];\n\t\t// Single tag\n\t\tif ( parsed ) {\n\t\t\treturn [ context.createElement( parsed[ 1 ] ) ];\n\t\t}\n\t\tparsed =
buildFragment( [ data ], context, scripts );\n\t\tif ( scripts && scripts.length ) {\n\t\t\tjQuery( scripts
 ).remove();\n\t\t}\n\t\treturn jQuery.merge( [], parsed.childNodes );\n\t};\n\n\n// Load a url into a page\n
*\njQuery.fn.load = function( url, params, callback ) {\n\tvar selector, type, response,\n\t\tself = this,\n\t\ttoff =
url.indexOf( " " );\n\t\tif ( toff > -1 ) {\n\t\t\tselector = stripAndCollapse( url.slice( toff ) );\n\t\t\turl = url.slice( 0, toff
 );\n\t\t}\n\t\t// If it's a function\n\t\tif ( isFunction( params ) ) {\n\t\t\t// We assume that it's the callback\n\t\t\tcallback =
params;\n\t\t\tparams = undefined;\n\t\t\t// Otherwise, build a param string\n\t\t} else if ( params && typeof params ===
"object" ) {\n\t\t\ttype = "POST";\n\t\t}\n\t\t// If we have elements to modify, make the request\n\t\tif ( self.length > 0
 ) {\n\t\t\tjQuery.ajax( {\n\t\t\t\turl: url,\n\t\t\t\t// If "type" variable is undefined, then "GET" method will be
used.\n\t\t\t\t// Make value of this field explicit since\n\t\t\t\t// user can override it through ajaxSetup method\n\t\t\t\ttype || "GET",\n\t\t\t\tdataType: "html",\n\t\t\t\tdata: params\n\t\t\t} ).done( function( responseText ) {\n\t\t\t\t// Save
response for use in complete callback\n\t\t\t\tresponse = arguments;\n\t\t\t\tself.html( selector ?\n\t\t\t\t\t// If a
selector was specified, locate the right elements in a dummy div\n\t\t\t\t\t// Exclude scripts to avoid IE 'Permission
Denied' errors\n\t\t\t\t\tjQuery( "<div>" ).append( jQuery.parseHTML( responseText ) ).find( selector ) :\n\t\t\t\t\t// Otherwise use the full result\n\t\t\t\t\tresponseText );\n\t\t\t\t// If the request succeeds, this function gets "data",
"status",
"jqXHR" but they are ignored because response was set above.\n\t\t\t\t// If it fails, this function gets
"jqXHR", "status", "error"\n\t\t\t} ).always( callback && function( jqXHR, status ) {\n\t\t\t\tself.each( function()
 {\n\t\t\t\t\tcallback.apply( this, response || [ jqXHR.responseText, status, jqXHR ] );\n\t\t\t\t} );\n\t\t\t}\n\t\t}\n\t\treturn
this;\n\t};\n\n\n\n\n// Attach a bunch of functions for handling common AJAX events\njQuery.each(
[ "ajaxStart", "ajaxStop", "ajaxComplete", "ajaxError", "ajaxSuccess", "ajaxSend" ], function(
i, type ) {\n\t\tjQuery.fn[ type ] = function( fn ) {\n\t\t\treturn this.on( type, fn );\n\t\t};\n\t};\n\n\n\n\njQuery.expr.pseudos.animated = function( elem ) {\n\treturn jQuery.grep( jQuery.timers, function( fn )
 {\n\t\treturn elem === fn.elem;\n\t} ).length;\n};\n\n\n\n\njQuery.offset = {\n\tsetOffset: function( elem, options, i
 ) {\n\t\tvar curPosition, curLeft, curCSSTop, curTop, curOffset, curCSSLeft, calculatePosition,\n\t\t\tposition =
jQuery.css( elem, "position" ),\n\t\t\ttcurElem = jQuery( elem ),\n\t\t\ttprops = {};\n\t\t// Set position first, in-case
top/left are set even on static elem\n\t\tif ( position === "static" ) {\n\t\t\ttcurElem.style.position =
"relative";\n\t\t}\n\t\t\tcurOffset = curElem.offset();\n\t\t\tcurCSSTop = jQuery.css( elem, "top" );\n\t\t\tcurCSSLeft
= jQuery.css( elem, "left" );\n\t\t\tcalculatePosition = ( position === "absolute" || position === "fixed" )
&&\n\t\t\t( curCSSTop + curCSSLeft ).indexOf( "auto" ) > -1;\n\t\t\t// Need to be able to calculate position if
either\n\t\t\t// top or left is auto and position is either absolute or fixed\n\t\t\tif ( calculatePosition ) {\n\t\t\t\tcurPosition =
curElem.position();\n\t\t\t\tcurTop = curPosition.top;\n\t\t\t\tcurLeft = curPosition.left;\n\t\t\t} else {\n\t\t\t\tcurTop =
parseFloat( curCSSTop ) || 0;\n\t\t\t\tcurLeft = parseFloat( curCSSLeft ) || 0;\n\t\t}\n\t\t\tif ( isFunction( options )
 )

```



```

    Use jQuery.extend here to allow modification of coordinates argument (gh-1848)
    options.call( elem, i, jQuery.extend( {}, curOffset ) );
    if ( options.top !== null ) {
      props.top = ( options.top - curOffset.top ) + curTop;
    }
    if ( options.left !== null ) {
      props.left = ( options.left - curOffset.left ) + curLeft;
    }
    if ( "using" in options ) {
      options.using.call( elem, props );
    } else {
      tcurElem.css( props );
    }
  }
  jQuery.fn.extend( {
    offset: function( options ) {
      // Preserve chaining for setter
      if ( arguments.length ) {
        return options === undefined ?
          this.each( function( i ) {
            jQuery.offset.setOffset( this, options, i );
          } ) :
          rect, win, elem = this[ 0 ];
            if ( !elem )
              return;
            // Return zeros for disconnected and hidden (display: none) elements (gh-2310)
            // Support: IE <=11 only
            // Running getBoundingClientRect on a disconnected node in IE throws an error
            if ( !elem.getBoundingClientRect() ) {
              return { top: 0, left: 0 };
            }
            // Get document-relative position by adding viewport scroll to viewport-relative gBCR
            trect = elem.getBoundingClientRect();
            ttw = elem.ownerDocument.defaultView;
            return {
              top: trect.top + ttw.pageYOffset,
              left: trect.left + ttw.pageXOffset
            };
          }
          // position() relates an element's margin box to its offset parent's padding box
          // This corresponds to the behavior of CSS absolute positioning
          position: function() {
            if ( !this[ 0 ] )
              return;
            tvar offsetParent, offset, doc, elem = this[ 0 ], tparentOffset = { top: 0, left: 0 };
            // position:fixed elements are offset from the viewport, which itself always has zero offset
            if ( jQuery.css( elem, "position" ) === "fixed" ) {
              // Assume position:fixed implies availability of getBoundingClientRect
              toffset = elem.getBoundingClientRect();
            } else {
              toffset = this.offset();
            }
            // Account for the *real* offset parent, which can be the document or its root element
            // when a statically positioned element is identified
            tdoc = elem.ownerDocument;
            toffsetParent = elem.offsetParent || doc.documentElement;
            while ( offsetParent && ( offsetParent === doc.body || offsetParent === doc.documentElement ) && jQuery.css( offsetParent, "position" ) === "static" ) {
              toffsetParent = offsetParent.parentNode;
            }
            if ( offsetParent && offsetParent !== elem && offsetParent.nodeType === 1 ) {
              // Incorporate borders into its offset, since they are outside its content origin
              tparentOffset = jQuery( offsetParent ).offset();
              tparentOffset.top += jQuery.css( offsetParent, "borderTopWidth", true );
              tparentOffset.left += jQuery.css( offsetParent, "borderLeftWidth", true );
            }
            // Subtract parent offsets and element margins
            return {
              top: toffset.top - parentOffset.top - jQuery.css( elem, "marginTop", true ),
              left: toffset.left - parentOffset.left - jQuery.css( elem, "marginLeft", true )
            };
          }
          // This method will return documentElement in the following cases:
          // 1) For the element inside the iframe without offsetParent, this method will return
          //    documentElement of the parent window
          // 2) For the hidden or detached element
          // 3) For body or html element, i.e. in case of the html node -
          //    it will return itself
          // but those exceptions were never presented as a real life use-cases
          // and might be considered as more preferable results.
          // This logic, however, is not guaranteed and can change at any point
          // in the future
          toffsetParent: function() {
            return this.map( function() {
              tvar offsetParent = this.offsetParent;
              while ( offsetParent && jQuery.css( offsetParent, "position" ) === "static" ) {
                toffsetParent = offsetParent.offsetParent;
              }
              return offsetParent || documentElement;
            } );
          }
          // Create scrollLeft and scrollTop methods
          jQuery.each( { scrollLeft: "pageXOffset", scrollTop: "pageYOffset" }, function( method, prop ) {
            tvar top = "pageYOffset" === prop ?
              function( val ) {
                return access( this, function( elem, method, val ) {
                  // Coalesce documents and windows
                  tvar win;
                  if ( isWindow( elem ) ) {
                    tw = elem;
                  } else if ( elem.nodeType === 9 ) {
                    tw = elem.defaultView;
                  }
                  if ( val === undefined ) {
                    return win ? win[ prop ] : elem[ method ];
                  }
                  if ( win ) {
                    tw.scrollTo(
                      top ? val : win.pageXOffset,
                      top ? win.pageYOffset : val
                    );
                  } else {
                    elem[ method ] = val;
                  }
                }, method, val, arguments.length );
              } :
              // Support: Safari <=7 - 9.1, Chrome <=37 - 49
              // Add the top/left cssHooks using jQuery.fn.position
              // Webkit bug: https://bugs.webkit.org/show_bug.cgi?id=29084
              // Blink bug: https://bugs.chromium.org/p/chromium/issues/detail?id=589347
              // getComputedStyle returns percent when specified for top/left/bottom/right;
              // rather than make the css module depend on the offset module, just check for it
            }
          }
    }
  }

```



via a proper concatenation script that understands anonymous AMD modules. A named AMD is safest and most robust way to register. Lowercase jquery is used because AMD module names are derived from file names, and jQuery is normally delivered in a lowercase file name. Do this after creating the global so that if an AMD module wants to call noConflict to hide this version of jQuery, it will work. Note that for maximum portability, libraries that are not jQuery should declare themselves as anonymous modules, and avoid setting a global if an AMD loader is present. jQuery is a special case. For more information, see

```

https://github.com/jrburke/requirejs/wiki/Updating-existing-libraries#wiki-anon
(function (define) {
    define("jquery", [], function() {
        return jQuery;
    });
}

Map over jQuery in case of overwrite
jQuery = window.jQuery;

Map over the $ in case of overwrite
$ = window.$;

jQuery.noConflict = function( deep ) {
    if ( window.$ === jQuery ) {
        window.$ =
        _$;
    }
    if ( deep && window.jQuery === jQuery ) {
        window.jQuery = _jQuery;
    }
    return
    jQuery;
};

Expose jQuery and $ identifiers, even in AMD
(#7102#comment:10,
https://github.com/jquery/jquery/pull/557)
and CommonJS for browser emulators (#13566)
(window.jQuery = window.$ = jQuery;
return jQuery;
);

var map = {
    ".en.json":
    "e847";

function webpackContext(req) {
    var id = webpackContextResolve(req);
    return
    __webpack_require__(id);
}

function webpackContextResolve(req) {
    var id = map[req];
    if (!id + 1) {
        // check for number or string
        var e = new Error("Cannot find module \"" + req + "\"");
        e.code =
        'MODULE_NOT_FOUND';
        throw e;
    }
    return id;
}

webpackContext.keys = function
webpackContextKeys() {
    return Object.keys(map);
}

webpackContext.resolve =
webpackContextResolve;
module.exports = webpackContext;
webpackContext.id = "11b2";

var pIE =
require('./_object-pie');
var createDesc = require('./_property-desc');
var toObject = require('./_to-object');
var toPrimitive = require('./_to-primitive');
var has = require('./_has');
var IE8_DOM_DEFINE = require('./_ie8-dom-define');
var gOPD = Object.getOwnPropertyDescriptor;
var exports.f = require('./_descriptors') ? gOPD : function
getOwnPropertyDescriptor(O, P) {
    O = toObject(O);
    P = toPrimitive(P, true);
    if (IE8_DOM_DEFINE) try {
        return gOPD(O, P);
    } catch (e) {
        /* empty */
    }
    if (has(O, P)) return createDesc(!pIE.f.call(O, P),
    O[P]);
};

/**
 * Checks if `value` is suitable for use as unique object key.
 *
 * @private
 * @param {*} value The value to check.
 * @returns {boolean} Returns `true` if `value` is suitable, else `false`.
 */
function isKeyable(value) {
    var type = typeof value;
    return (type == 'string' || type == 'number' || type == 'symbol' || type
    == 'boolean')
    ? (value !== '__proto__')
    : (value === null);
}

module.exports = isKeyable;

var
identity = require('./_identity');

/**
 * Casts `value` to `identity` if it's not a function.
 *
 * @private
 * @param {*} value The value to inspect.
 * @returns {Function} Returns cast function.
 */
function castFunction(value) {
    return typeof value == 'function' ? value : identity;
}

module.exports =
castFunction;

/**
 * Checks if `value` is object-like. A value is object-like if it's not `null` and has a
 * `typeof` result of "object".
 *
 * @static
 * @memberOf _
 * @since 4.0.0
 * @category Lang
 * @param {*} value The value to check.
 * @returns {boolean} Returns `true` if `value` is object-like, else `false`.
 *
 * @example
 * _._isObjectLike({});
 * // => true
 * _._isObjectLike([1, 2, 3]);
 * // => true
 * _._isObjectLike(_.noop);
 * // => false
 * _._isObjectLike(null);
 * // => false
 */
function isObjectLike(value) {
    return value != null && typeof value == 'object';
}

module.exports =
isObjectLike;

```

```

\
owA6AADnOD5/AAACXBIWXMAAAsTAAALEwEAmpwYAAAAB3RJTUUh4QgLCggYIJ85zwAAABl0R
Vh0Q29tbWVudABDcmVhdGVkIHdpdGggR0lNUFeBDhcAAAFMSURBVHja7d1dUFTnHcfx3x4W2EVSFQqfj
YUYTTJRg2NMtUo1RrCKU2sTqx18STPWZGzTi87UWmvTzvSiM0mmrampY9J0xqlp1CQ6sWMUNVbBVDMI
eQGHaCMKEcLL8uIqsLssSy9ykbaZyHkiu47388l83DO7p/vnt09CxxHTiu5X0AEORz9shgDooHwQHggPIDwQ
HgA4YHwAMID4QGEB8ID4QGEB8IDCA+EBxAeCA8gPBaEQHggPBaEQHggPIDwQHgA4YHwAMID4QGE
B8ID4QGEB8IDCA+EBxAeCO9W5bAsOVPcDCJcJHaUWrOeMlhr/Pg9evytXrCc4fdLmXmz9HYhQUaOS1Prs
xMuTJGyZWeLjks9fV0q7upWb7mZl27WksrBw+psaREgU7vLT+bBFey3FIZttf7Wl0V7OoKzWm9UpeUWw/L
stpr/PaV/6uU2seH9T9Z8z6hqZs/rmy5j+oBJfZks0U7FXT8ZOqfvY5NR0/MeizKe7qsH2bLu3eo7LitV9pP1nz56ng

```

6GHb68tWrdWIV/cmfntxcEmpkVMna/6BN7To1EmNW7zYODpJspyJyi5coMKjhzXv9d2fHaHAa7wvM+Gx1So  
qP61xRUWDts3xy76rpec+0O1L11AP4f3/odyhab/9jWa//JIsZ+Kgbz/B5dbcvbuVW7ySggjvc1O3bNKUzZvCOzinU  
/k7/6qcFY9QEeFJo+fma8qvtkTo0Gpp5vZtGjYum5LiObykEV9T/q6dshISIrP4SM066UXKSmew5u4fp1SsiN/9M  
kuXKDxy75DTfEYnpWUqHue+nHU9n/3jzZQkwFnrNyRry9/2Pho5+/o0PkXtqv6DF11X+ivp4epd6RqwmrHtXE  
9ettn/CWpDEPztOie+9R57ma2Kmjv5/wBjJ2YaHR+o7qah1dsEi+1tb/+bqv1SPPu+Wq2/+mHjqwXwnuFNvbnLB2  
tSo2buZwFk9PtaPz59heGwoGVbpy1Rei+29Nx0/q7M/MTsmMnjMntupwOAJvRIJzxmvYePsfYzWW1OhqzUcDrr  
uw4y/qqq+3vd206dPkLs4nMVNeHfkGq1vOHLm3kucUMjoQ3LLmaj0GdOpK17CSx6ZZrTee/6C7bWtZ84Ybdv  
kyEt4t3p46Wbh+T32f5/tas15o20nGT4ICO8WljhiuNH6vh6f7bWBzk6zB0HaSKqKn3e1Zu+++kMh22uD3T1hfRA  
QHr6sUrOBWoyU8EB4AOEH6pyM4MZCvUFV/ML+56/tFe8xNMibjPB6de6Z3zMImpBeADhgFAAwgPhAYQ  
HwgPhAYQHwgMID4QHEB4IDyA8EB5AeCA8xBf+5mKGR2ZSombt+LPt9Y3H3talV3YZOMK7yfCcTk1Ys9r2  
+l6vl/B4qgXhAYQHwgPhAYQHwhvq+gMBo/UJyUm21zoML8jX5/dTVbyE5zP4Z9qS5EXntb3WIZlhtG1/W/vQ  
HVQYL5gSl+GZ/rBtc3Jsr3VnZZndlvahG547awzhDeoRr6XFah36A/fbXnbnXeG9bZE0m25OUbr+wJ+wruRjqp  
q9fns/3f2nleXybl5Ou+uJ9cZ3Za28rNDdk5ZBQVG63u91wvRkKBXrWef2+pSx45T39MCXjx9XtEijZjxge7vej  
z9Wd2PTkXrZorlypz9TbPwDK/xEXfhSVJzaanR+smbNmrmC1vlyvjimweHZenejT/VvH2vGW2zpbRsyM3FmeL  
W3U9t0OyXdxh/b3fjp+G7XbESXu2uVzVlyy9IGZz+mPtKtE5r0xA/V/sGH6qqrV7C7W8np6UqfMd34+miSdPFvu  
6I6g/ue3qzU3Fw5LlecKcPkHputtPumKsHINT5WT3OTuhsaCW8g12ovqX7ffuUsf8TWFI0ltLw8peX13dT+PWfL1  
Vz6TIRnMLZokUbdP2NQttV2toJ3tXadey56/yT73LN/iKVRqm7fm4Rn/1FaqZo/bo34fq8cPKi61/fzBz9He2q27O  
X8ExUbNoiz9nyiO2vu7FR/3p8fUzN8K0tf1LQ4AqXhKfPrktRuqJY1y9fdvu+eq95VbqyWD5PW8zMr7nslKp+90  
zY9xOTv51y/XK93po5x/jq2mZHugYd/tZ8tbxzOmbmdq32osqK1ygU7CO8r8rX6tGRhxbqwo4XFeob3EE2/foEDs  
3KV8eH1TEzr08O/EMHZ8wK6ymUuAhPkvp8fp3Z8BMDmJyny3tfk9R/U9vrqKrS20uW6siCb6vrSmNmZKitolJla  
x7Tie99X4FOb8T2G7HzeDXPb5OVYK9zT0Xl0O7be+HfKn10td7b8mvdvmSxsgoLNGZuvhLcKQN+b2dNjReO  
qSGwyVqPIfmdHVv2y/mt22X1WjvR9FW+f5NvgYOqL3yfXnKy1X3xr6onXt07LSS+xWhRoQkDb9rkljyRik5I0  
OuzEw5U1Pk97TL19IsX0uruurr1d3w6S1znyau+4FSsrM/P+L7/Qp4r6q346oC3qvytbSqo6paIX8gqrft4eiP3/AQ3f  
D4mwte5xmHEYDwQHgA4YHwAMID4QGEB8IDCA+EB8IDCA+EBxAeCA8gPBaeQHggPIDwQHggPIDwQ  
HgA4YHwAMID4QGEB8IDCA+EB8IDCA+EBxAeCA8gPBaeQHggPIDwEG1Oh7iGHILL4ZD+A7kQKAsUeS  
w0AAAAEIFTkSuQmCC\"\", \"var coreJsData = require('./\_coreJsData');\n\n/\*\* Used to detect methods  
masquerading as native. \*\nvar maskSrcKey = (function() {\n var uid = /^[^.]++\$/exec(coreJsData) &&  
coreJsData.keys && coreJsData.keys.IE\_PROTO || '');\n return uid ? ('Symbol(src)\_1.' + uid) : '';\n\n/\*\*\n Checks if `func` has its source masked.\n \*\n @param {Function} func The function to check.\n \*\n @returns {boolean} Returns `true` if `func` is masked, else `false`.\n \*\n ^function isMasked(func) {\n return  
!!maskSrcKey && (maskSrcKey in func);\n\nmodule.exports = isMasked;\n\", \"var dP = require('./\_object-  
dp');\nvar anObject = require('./\_an-object');\nvar getKeys = require('./\_object-keys');\nmodule.exports =  
require('./\_descriptors') ? Object.defineProperties : function defineProperties(O, Properties) {\n anObject(O);\n var  
keys = getKeys(Properties);\n var length = keys.length;\n var i = 0;\n var P;\n while (length > i) dP.f(O, P =  
keys[i++], Properties[P]);\n return O;\n};\n\n\"use strict\";\nmodule.exports = function () {\n\tvar assign =  
Object.assign, obj;\n\tif (typeof assign !== \"function\") return false;\n\tobj = { foo: \"raz\" };\n\tassign(obj, { bar:  
\"dwa\" }, { trzy: \"trzy\" });\n\treturn (obj.foo + obj.bar + obj.trzy) === \"razdwatrzy\";\n};\n\n\", \"import mod from \"-  
!././node\_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!././node\_modules/css-  
loader/index.js??ref--8-oneOf-1-1!././node\_modules/vue-  
loader/lib/loaders/stylePostLoader.js!././node\_modules/postcss-loader/src/index.js??ref--8-oneOf-1-  
2!././node\_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!././node\_modules/cache-loader/dist/cjs.js??ref--0-  
0!././node\_modules/vue-loader/lib/index.js??vue-loader-  
options!./SignUpForm.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export \* from \"-  
!././node\_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!././node\_modules/css-  
loader/index.js??ref--8-oneOf-1-1!././node\_modules/vue-  
loader/lib/loaders/stylePostLoader.js!././node\_modules/postcss-loader/src/index.js??ref--8-oneOf-1-  
2!././node\_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!././node\_modules/cache-loader/dist/cjs.js??ref--0-  
0!././node\_modules/vue-loader/lib/index.js??vue-loader-

```

options!.SignUpForm.vue?vue&type=style&index=0&lang=scss&"", "var baseIsEqual =
require('./_baseIsEqual'),\n get = require('./get'),\n hasIn = require('./hasIn'),\n isKey = require('./_isKey'),\n
isStrictComparable = require('./_isStrictComparable'),\n matchesStrictComparable =
require('./_matchesStrictComparable'),\n toKey = require('./_toKey');\n\n/** Used to compose bitmasks for value
comparisons. */\nvar COMPARE_PARTIAL_FLAG = 1,\n COMPARE_UNORDERED_FLAG = 2;\n\n/**\n * The base implementation of `_.matchesProperty` which doesn't clone `srcValue`.\n * @private\n * @param
{string} path The path of the property to get.\n * @param {*} srcValue The value to match.\n * @returns
{Function} Returns the new spec function.\n */\nfunction baseMatchesProperty(path, srcValue) {\n  if (isKey(path)
&& isStrictComparable(srcValue)) {\n    return matchesStrictComparable(toKey(path), srcValue);\n  }\n  return
function(object) {\n    var objValue = get(object, path);\n    return (objValue === undefined && objValue ===
srcValue)\n      ? hasIn(object, path)\n        : baseIsEqual(srcValue, objValue, COMPARE_PARTIAL_FLAG |
COMPARE_UNORDERED_FLAG);\n  };\n}\n\nmodule.exports = baseMatchesProperty;\n", "var memoizeCapped
= require('./_memoizeCapped');\n\n/** Used to match property names within property paths. */\nvar rePropName =
/^[^.\[\]]+\|\\\[(?:-?[\d+](?:\.\d+)?)(\|""))((?:\?!\|2)[^\|\[\]\|\.\?*)\|2\|\\\[(?:\?!\|\\\[\]\|\$)\]/g;\n\n/** Used to
match backslashes in property paths. */\nvar reEscapeChar = /\\(\\|\\|\\|\\)?/g;\n\n/**\n * Converts `string` to a property
path array.\n * @private\n * @param {string} string The string to convert.\n * @returns {Array} Returns the
property path array.\n */\nvar stringToPath = memoizeCapped(function(string) {\n  var result = [];\n  if
(string.charCodeAt(0) !== 46 /* . */) {\n    result.push("");\n  }\n  string.replace(rePropName, function(match,
number, quote, subString) {\n    result.push(quote ? subString.replace(reEscapeChar, '$1') : (number || match));\n
});\n  return result;\n});\n\nmodule.exports = stringToPath;\n", "use strict";\n\nvar str =
"razdwatrzy";\n\nmodule.exports = function () {\n  if (typeof str.contains !== "function") return false;\n  return
(str.contains("dwa") === true) && (str.contains("foo") === false);\n};\n", "var ctx = require('./_ctx');\nvar invoke
= require('./_invoke');\nvar html = require('./_html');\nvar cel = require('./_dom-create');\nvar global =
require('./_global');\nvar process = global.process;\nvar setTask = global.setImmediate;\nvar clearTask =
global.clearImmediate;\nvar MessageChannel = global.MessageChannel;\nvar Dispatch = global.Dispatch;\nvar
counter = 0;\nvar queue = {};\nvar ONREADYSTATECHANGE = 'onreadystatechange';\nvar defer, channel,
port;\nvar run = function () {\n  var id = +this;\n  // eslint-disable-next-line no-prototype-builtins\n  if
(queue.hasOwnProperty(id)) {\n    var fn = queue[id];\n    delete queue[id];\n    fn();\n  }\n};\nvar listener = function
(event) {\n  run.call(event.data);\n};\n// Node.js 0.9+ & IE10+ has setImmediate, otherwise:\nif (!setTask ||
!clearTask) {\n  setTask = function setImmediate(fn) {\n    var args = [];\n    var i = 1;\n    while (arguments.length >
i) args.push(arguments[i++]);\n    queue[++counter] = function () {\n      // eslint-disable-next-line no-new-func\n
invoke(typeof fn == 'function' ? fn : Function(fn), args);\n    };\n    defer(counter);\n    return counter;\n  };\n
clearTask = function clearImmediate(id) {\n    delete queue[id];\n  };\n  // Node.js 0.8-\n  if (require('./_cof')(process)
== 'process') {\n    defer = function (id) {\n      process.nextTick(ctx(run, id, 1));\n    };\n  } else if ( // Sphere (JS game engine)
Dispatch API\n } else if (Dispatch && Dispatch.now) {\n    defer = function (id) {\n      Dispatch.now(ctx(run, id,
1));\n    };\n  } else if ( // Browsers with MessageChannel, includes WebWorkers\n } else if (MessageChannel) {\n    channel
= new MessageChannel();\n    port = channel.port2;\n    channel.port1.onmessage = listener;\n    defer =
ctx(port.postMessage, port, 1);\n  } else if ( // Browsers with postMessage, skip WebWorkers\n // IE8 has postMessage, but
it's sync & typeof its postMessage is 'object'\n } else if (global.addEventListener && typeof postMessage ==
'function' && !global.importScripts) {\n    defer = function (id) {\n      global.postMessage(id + "", '*');\n    };\n
global.addEventListener('message', listener, false);\n  } else if ( // IE8-\n } else if (ONREADYSTATECHANGE in
cel('script')) {\n    defer = function (id) {\n      html.appendChild(cel('script'))[ONREADYSTATECHANGE] =
function () {\n        html.removeChild(this);\n        run.call(id);\n      };\n    };\n  } else {\n    defer =
function (id) {\n      setTimeout(ctx(run, id, 1), 0);\n    };\n  }\n}\n\nmodule.exports = {\n  set: setTask,\n
clear: clearTask\n};\n", "*/\n * Checks if `value` is the\n * [language type](http://www.ecma-international.org/ecma-262/7.0/#sec-ecmascript-language-types)\n * of `Object`. (e.g. arrays, functions, objects,
regexes, `new Number(0)`, and `new String('')`)\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category
Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an object, else

```

```

`false`.n * @example.n * .n * _isObject({});.n * // => true.n * .n * _isObject([1, 2, 3]);.n * // => true.n * .n *
_isObject(_noop);.n * // => true.n * .n * _isObject(null);.n * // => false.n * ^\nfunction isObject(value) {\n var type
= typeof value;.n return value != null && (type == 'object' || type == 'function');.n}\n\nmodule.exports =
isObject;.n", "var Symbol = require('./_Symbol'),.n Uint8Array = require('./_Uint8Array'),.n eq = require('./eq'),.n
equalArrays = require('./_equalArrays'),.n mapToArray = require('./_mapToArray'),.n setToArray =
require('./_setToArray');.n\n/** Used to compose bitmasks for value comparisons. */\nvar
COMPARE_PARTIAL_FLAG = 1,.n COMPARE_UNORDERED_FLAG = 2;.n\n/** `Object#toString` result
references. */\nvar boolTag = '[object Boolean]',.n dateTag = '[object Date]',.n errorTag = '[object Error]',.n
mapTag = '[object Map]',.n numberTag = '[object Number]',.n regexpTag = '[object RegExp]',.n setTag =
'[object Set]',.n stringTag = '[object String]',.n symbolTag = '[object Symbol]';.n\nvar arrayBufferTag = '[object
ArrayBuffer]',.n dataViewTag = '[object DataView]';.n\n/** Used to convert symbols to primitives and strings.
*/\nvar symbolProto = Symbol ? Symbol.prototype : undefined,.n symbolValueOf = symbolProto ?
symbolProto.valueOf : undefined;.n\n/**.n * A specialized version of `baseIsEqualDeep` for comparing objects of.n
* the same `toStringTag`. .n * .n * **Note:** This function only supports comparing values with tags of.n *
`Boolean`, `Date`, `Error`, `Number`, `RegExp`, or `String`. .n * .n * @private.n * @param {Object} object The
object to compare. .n * @param {Object} other The other object to compare. .n * @param {string} tag The
`toStringTag` of the objects to compare. .n * @param {number} bitmask The bitmask flags. See `baseIsEqual` for
more details. .n * @param {Function} customizer The function to customize comparisons. .n * @param {Function}
equalFunc The function to determine equivalents of values. .n * @param {Object} stack Tracks traversed `object`
and `other` objects. .n * @returns {boolean} Returns `true` if the objects are equivalent, else `false`. .n */\nfunction
equalByTag(object, other, tag, bitmask, customizer, equalFunc, stack) {\n switch (tag) {\n case dataViewTag:.n
if ((object.byteLength != other.byteLength) ||\n (object.byteOffset != other.byteOffset)) {\n return false;.n
}\n object = object.buffer;.n other = other.buffer;.n\n case arrayBufferTag:.n if ((object.byteLength !=
other.byteLength) ||\n !equalFunc(new Uint8Array(object), new Uint8Array(other))) {\n return false;.n
}\n return true;.n\n case boolTag:.n case dateTag:.n case numberTag:.n // Coerce booleans to `1` or `0`
and dates to milliseconds. .n // Invalid dates are coerced to `NaN`. .n return eq(+object, +other);.n\n case
errorTag:.n return object.name == other.name && object.message == other.message;.n\n case regexpTag:.n
case stringTag:.n // Coerce regexes to strings and treat strings, primitives and objects, .n // as equal. See
http://www.ecma-international.org/ecma-262/7.0/#sec-regexp.prototype.tostring .n // for more details. .n return
object == (other + '');.n\n case mapTag:.n var convert = mapToArray;.n\n case setTag:.n var isPartial =
bitmask & COMPARE_PARTIAL_FLAG;.n convert || (convert = setToArray);.n\n if (object.size !=
other.size && !isPartial) {\n return false;.n }\n // Assume cyclic values are equal. .n var stacked =
stack.get(object);.n if (stacked) {\n return stacked == other;.n }\n bitmask |=
COMPARE_UNORDERED_FLAG;.n\n // Recursively compare objects (susceptible to call stack limits). .n
stack.set(object, other);.n var result = equalArrays(convert(object), convert(other), bitmask, customizer,
equalFunc, stack);.n stack['delete'](object);.n return result;.n\n case symbolTag:.n if (symbolValueOf)
{\n return symbolValueOf.call(object) == symbolValueOf.call(other);.n }\n }\n return
false;.n}\n\nmodule.exports = equalByTag;.n", "use strict";.n\nmodule.exports = require('./is-implemented')() ?
Symbol : require('./polyfill');.n", "var getNative = require('./_getNative'),.n root = require('./_root');.n\n/* Built-in
method references that are verified to be native. */\nvar Promise = getNative(root, 'Promise');.n\nmodule.exports =
Promise;.n", "/* .n * Removes `key` and its value from the hash. .n * .n * @private .n * @name delete .n *
@memberOf Hash .n * @param {Object} hash The hash to modify. .n * @param {string} key The key of the value
to remove. .n * @returns {boolean} Returns `true` if the entry was removed, else `false`. .n */\nfunction
hashDelete(key) {\n var result = this.has(key) && delete this.__data__[key];.n this.size -= result ? 1 : 0;.n
return result;.n}\n\nmodule.exports = hashDelete;.n", "var baseEach = require('./_baseEach');.n\n/**.n * The base
implementation of `_.every` without support for iteratee shorthands. .n * .n * @private .n * @param {Array|Object}
collection The collection to iterate over. .n * @param {Function} predicate The function invoked per iteration. .n *
@returns {boolean} Returns `true` if all elements pass the predicate check, .n * else `false`. .n */\nfunction

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baseEvery(collection, predicate) {\n var result = true;\n baseEach(collection, function(value, index, collection) {\n
result = !!predicate(value, index, collection);\n return result;\n });\n return result;\n }\n\nmodule.exports =
baseEvery;\n", "// call something on iterator step with safe closing on error\nvar anObject = require('./_an-
object');\nmodule.exports = function (iterator, fn, value, entries) {\n try {\n return entries ? fn(anObject(value)[0],
value[1]) : fn(value);\n // 7.4.6 IteratorClose(iterator, completion)\n } catch (e) {\n var ret = iterator['return'];\n
if (ret !== undefined) anObject(ret.call(iterator));\n throw e;\n }\n};\n", "var getMapData =
require('./_getMapData');\n\n/**\n * Sets the map `key` to `value`.\n *\n * @private\n * @name set\n *
@memberOf MapCache\n * @param {string} key The key of the value to set.\n * @param {*} value The value to
set.\n * @returns {Object} Returns the map cache instance.\n */\nfunction mapCacheSet(key, value) {\n var data =
getMapData(this, key);\n size = data.size;\n data.set(key, value);\n this.size += data.size == size ? 0 : 1;\n
return this;\n }\n\nmodule.exports = mapCacheSet;\n", "\"use strict\";\n\nmodule.exports = require(\"./is-
implemented\")()\n\t? Object.assign\n\t: require(\"./shim\");\n", "/**\n * A specialized version of `matchesProperty`
for source values suitable\n * for strict equality comparisons, i.e. `===`.\n *\n * @private\n * @param {string} key
The key of the property to get.\n * @param {*} srcValue The value to match.\n * @returns {Function} Returns the
new spec function.\n */\nfunction matchesStrictComparable(key, srcValue) {\n return function(object) {\n if
(object == null) {\n return false;\n }\n return object[key] === srcValue &&\n (srcValue !== undefined ||
(key in Object(object)));\n };}\n\nmodule.exports = matchesStrictComparable;\n", "use strict";\nvar hide =
require('./_hide');\nvar redefine = require('./_redefine');\nvar fails = require('./_fails');\nvar defined =
require('./_defined');\nvar wks = require('./_wks');\n\nmodule.exports = function (KEY, length, exec) {\n var
SYMBOL = wks(KEY);\n var fns = exec(defined, SYMBOL, "[KEY]");\n var strfn = fns[0];\n var rxfn = fns[1];\n\n if (fails(function () {\n var O = {};\n O[SYMBOL] = function () { return 7; };
return "[KEY](O) != 7;\n }))\n {\n redefine(String.prototype, KEY, strfn);\n hide(RegExp.prototype, SYMBOL, length == 2\n // 21.2.5.8
RegExp.prototype[ @@replace](string, replaceValue)\n // 21.2.5.11 RegExp.prototype[ @@split](string, limit)\n
? function (string, arg) { return rxfn.call(string, this, arg); }\n // 21.2.5.6 RegExp.prototype[ @@match](string)\n
// 21.2.5.9 RegExp.prototype[ @@search](string)\n : function (string) { return rxfn.call(string, this); }\n );\n
}\n};\n", "var compareAscending = require('./_compareAscending');\n\n/**\n * Used by `_.orderBy` to compare
multiple properties of a value to another\n * and stable sort them.\n *\n * If `orders` is unspecified, all values are
sorted in ascending order. Otherwise,\n * specify an order of \"desc\" for descending or \"asc\" for ascending sort
order\n * of corresponding values.\n *\n * @private\n * @param {Object} object The object to compare.\n *
@param {Object} other The other object to compare.\n * @param {boolean[]|string[]} orders The order to sort by
for each property.\n * @returns {number} Returns the sort order indicator for `object`.\n */\nfunction
compareMultiple(object, other, orders) {\n var index = -1,\n objCriteria = object.criteria,\n othCriteria =
other.criteria,\n length = objCriteria.length,\n ordersLength = orders.length;\n\n while (++index < length) {\n
var result = compareAscending(objCriteria[index], othCriteria[index]);\n if (result) {\n if (index >=
ordersLength) {\n return result;\n }\n var order = orders[index];\n return result * (order === 'desc' ? -1 :
1);\n }\n }\n // Fixes an `Array#sort` bug in the JS engine embedded in Adobe applications\n // that causes it,
under certain circumstances, to provide the same value for\n // `object` and `other`. See
https://github.com/jashkenas/underscore/pull/1247\n // for more details.\n // This also ensures a stable sort in
V8 and other engines.\n // See https://bugs.chromium.org/p/v8/issues/detail?id=90 for more details.\n return
object.index - other.index;\n }\n\nmodule.exports = compareMultiple;\n", "var apply = require('./_apply');\n\n/**
Built-in method references for those with the same name as other `lodash` methods. *\nvar nativeMax =
Math.max;\n\n/**\n * A specialized version of `baseRest` which transforms the rest array.\n *\n * @private\n *
@param {Function} func The function to apply a rest parameter to.\n * @param {number} [start=func.length-1]
The start position of the rest parameter.\n * @param {Function} transform The rest array transform.\n * @returns
{Function} Returns the new function.\n */\nfunction overRest(func, start, transform) {\n start = nativeMax(start
=== undefined ? (func.length - 1) : start, 0);\n return function() {\n var args = arguments,\n index = -1,\n
length = nativeMax(args.length - start, 0),\n array = Array(length);\n\n while (++index < length) {\n
array[index] = args[start + index];\n }\n index = -1;\n var otherArgs = Array(start + 1);\n while (++index <

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start) {\n  otherArgs[index] = args[index];\n  }\n  otherArgs[start] = transform(array);\n  return apply(func,
this, otherArgs);\n  };\n}\n\nmodule.exports = overRest;\n", "use strict";\nObject.defineProperty(exports,
'__esModule', { value: true });\nvar prefix = 'fab';\nvar iconName = 'linkedin';\nvar width = 448;\nvar height =
512;\nvar ligatures = [];\nvar unicode = 'f08c';\nvar svgPathData = 'M416 32H31.9C14.3 32 0 46.5 0 64.3v383.4C0
465.5 14.3 480 31.9 480H416c17.6 0 32-14.5 32-32.3V64.3c0-17.8-14.4-32.3-32-32.3zM135.4
416H69V202.2h66.5V416zm-33.2-243c-21.3 0-38.5-17.3-38.5-38.5S80.9 96 102.2 96c21.2 0 38.5 17.3 38.5 38.5 0
21.3-17.2 38.5-38.5 38.5zm282.1 243h-66.4V312c0-24.8-.5-56.7-34.5-56.7-34.6 0-39.9 27-39.9 54.9V416h-
66.4V202.2h63.7v29.2h.9c8.9-16.8 30.6-34.5 62.9-34.5 67.2 0 79.7 44.3 79.7 101.9V416z';\n\nexports.definition =
{\n  prefix: prefix,\n  iconName: iconName,\n  icon: {\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  }};\n\nexports.faLinkedin = exports.definition;\nexports.prefix = prefix;\nexports.iconName =
iconName;\nexports.width = width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode =
unicode;\nexports.svgPathData = svgPathData;\n", "var isObject = require('./_is-object');\nvar document =
require('./_global').document;\n// typeof document.createElement is 'object' in old IE\nvar is = isObject(document)
&& isObject(document.createElement);\nmodule.exports = function (it) {\n  return is ? document.createElement(it) :
{};\n};\n", "var memoize = require('./memoize');\n\n/** Used as the maximum memoize cache size. */\nvar
MAX_MEMOIZE_SIZE = 500;\n\n/**\n * A specialized version of `_.memoize` which clears the memoized
function's\n * cache when it exceeds `MAX_MEMOIZE_SIZE`.\n * @private\n * @param {Function} func The
function to have its output memoized.\n * @returns {Function} Returns the new memoized function.\n */\nfunction
memoizeCapped(func) {\n  var result = memoize(func, function(key) {\n    if (cache.size ===
MAX_MEMOIZE_SIZE) {\n      cache.clear();\n    }\n    return key;\n  });\n  var cache = result.cache;\n  return
result;\n}\n\nmodule.exports = memoizeCapped;\n", "/* getting tag from 19.1.3.6 Object.prototype.toString()\nvar
cof = require('./_cof');\nvar TAG = require('./_wks')('toStringTag');\n\n// ES3 wrong here\nvar ARG = cof(function ()
{ return arguments; }()) === 'Arguments';\n\n// fallback for IE11 Script Access Denied error\nvar tryGet = function
(it, key) {\n  try {\n    return it[key];\n  } catch (e) { /* empty */ }\n};\n\nmodule.exports = function (it) {\n  var O,
T, B;\n  return it === undefined ? 'Undefined' : it === null ? 'Null'\n    // @@toStringTag case\n    : typeof (T =
tryGet(O = Object(it), TAG)) === 'string' ? T\n    // builtinTag case\n    : ARG ? cof(O)\n    // ES3 arguments
fallback\n    : (B = cof(O)) === 'Object' && typeof O.caller === 'function' ? 'Arguments' : B;\n};\n", "var baseFor =
require('./_baseFor');\nvar keys = require('./keys');\n\n/**\n * The base implementation of `_.forOwn` without support
for iteratee shorthands.\n * @private\n * @param {Object} object The object to iterate over.\n * @param
{Function} iteratee The function invoked per iteration.\n * @returns {Object} Returns `object`.\n */\nfunction
baseForOwn(object, iteratee) {\n  return object && baseFor(object, iteratee, keys);\n}\n\nmodule.exports =
baseForOwn;\n", "var root = require('./_root');\n\n/** Built-in value references. */\nvar Uint8Array =
root.Uint8Array;\n\nmodule.exports = Uint8Array;\n", "var getMapData = require('./_getMapData');\n\n/**\n * Gets
the map value for `key`.\n * @private\n * @name get\n * @memberOf MapCache\n * @param {string} key The
key of the value to get.\n * @returns {*} Returns the entry value.\n */\nfunction mapCacheGet(key) {\n  return
getMapData(this, key).get(key);\n}\n\nmodule.exports = mapCacheGet;\n", "var nativeCreate =
require('./_nativeCreate');\n\n/** Used to stand-in for `undefined` hash values. */\nvar HASH_UNDEFINED =
'__lodash_hash_undefined__';\n\n/**\n * Sets the hash `key` to `value`.\n * @private\n * @name set\n *
@param {string} key The key of the value to set.\n * @param {*} value The value to set.\n *
@returns {Object} Returns the hash instance.\n */\nfunction hashSet(key, value) {\n  var data = this.__data__;\n  this.size += this.has(key) ? 0 : 1;\n  data[key] = (nativeCreate && value === undefined) ? HASH_UNDEFINED :
value;\n  return this;\n}\n\nmodule.exports = hashSet;\n", "var baseGetTag = require('./_baseGetTag');\nvar
isObjectLike = require('./isObjectLike');\n\n/**\n * `Object#toString` result references.\n */\nvar argsTag = '[object
Arguments]';\n\n/**\n * The base implementation of `_.isArguments`.\n * @private\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is an `arguments` object,\n */\nfunction
baseIsArguments(value) {\n  return isObjectLike(value) && baseGetTag(value) === argsTag;\n}\n\nmodule.exports =
baseIsArguments;\n", "exports.f = Object.getOwnPropertySymbols;\n", "var arrayEvery =
require('./_arrayEvery');\nvar baseEvery = require('./_baseEvery');\nvar baseIteratee = require('./_baseIteratee');\n

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isArray = require('./isArray'),\n  isIterateeCall = require('./_isIterateeCall');\n\n/**\n * Checks if `predicate` returns\n truthy for **all** elements of `collection`.\n * Iteration is stopped once `predicate` returns falsey. The predicate is\n * invoked with three arguments: (value, index|key, collection).\n *\n **Note:** This method returns `true` for\n * [empty collections](https://en.wikipedia.org/wiki/Empty_set) because\n * [everything is\n true](https://en.wikipedia.org/wiki/Vacuous_truth) of\n * elements of empty collections.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Collection\n * @param {Array|Object} collection The collection to\n iterate over.\n * @param {Function} [predicate=_identity] The function invoked per iteration.\n * @param-  
 {Object} [guard] Enables use as an iteratee for methods like `_.map`.\n * @returns {boolean} Returns `true` if all\n elements pass the predicate check,\n * else `false`.\n * @example\n *\n *_.every([true, 1, null, 'yes'], Boolean);\n * // => false\n *\n * var users = [\n *   { 'user': 'barney', 'age': 36, 'active': false },\n *   { 'user': 'fred', 'age': 40, 'active':\n false }\n * ];\n *\n * // The `_.matches` iteratee shorthand.\n *_.every(users, { 'user': 'barney', 'active': false });\n * // => false\n *\n * // The `_.matchesProperty` iteratee shorthand.\n *_.every(users, ['active', false]);\n * // => true\n *\n * // The `_.property` iteratee shorthand.\n *_.every(users, 'active');\n * // => false\n *\nfunction\n every(collection, predicate, guard) {\n  var func = isArray(collection) ? arrayEvery : baseEvery;\n  if (guard &&\n isIterateeCall(collection, predicate, guard)) {\n    predicate = undefined;\n  }\n  return func(collection,\n baseIteratee(predicate, 3));\n}\n\nmodule.exports = every;\n\n"/**\n * The base implementation of `_.hasIn` without\n support for deep paths.\n *\n * @private\n * @param {Object} [object] The object to query.\n * @param  
 {Array|string} key The key to check.\n * @returns {boolean} Returns `true` if `key` exists, else `false`.\n *\nfunction baseHasIn(object, key) {\n  return object != null && key in Object(object);\n}\n\nmodule.exports =\n baseHasIn;\n\nvar classof = require('./_classof');\nvar ITERATOR = require('./_wks')('iterator');\nvar Iterators =\n require('./_iterators');\nmodule.exports = require('./_core').getIteratorMethod = function (it) {\n  if (it != undefined)\n return it[ITERATOR]\n || it['@@iterator'];\n};\n\n"/**\n * @split logic\n\nrequire('./_fix-re-\n wks')('split', 2, function (defined, SPLIT, $split) {\n  'use strict';\n  var isRegExp = require('./_is-regexp');\n  var\n _split = $split;\n  var $push = [].push;\n  var $SPLIT = 'split';\n  var LENGTH = 'length';\n  var LAST_INDEX =\n 'lastIndex';\n  if (\n 'abbc'[$SPLIT]((b)*)/[1] == 'c' ||\n 'test'[$SPLIT]((?)/, -1)[LENGTH] != 4 ||\n 'ab'[$SPLIT]((?:ab)*)/[LENGTH] != 2 ||\n '.'[$SPLIT]((.)(.)(.)/)[LENGTH] != 4 ||\n '.'[$SPLIT]((/)(/)(/)/)[LENGTH] > 1 ||\n '['[$SPLIT]((.)(.)(.)/)[LENGTH] > 1)\n ) {\n    var NPCG = /(?:)??.exec()[1] ===\n undefined; // nonparticipating capturing group\n    // based on es5-shim implementation, need to rework it\n    $split = function (separator, limit) {\n      var string = String(this);\n      if (separator === undefined && limit === 0) return\n [];\n      // If `separator` is not a regex, use native split\n      if (!isRegExp(separator)) return _split.call(string,\n separator, limit);\n      var output = [];\n      var flags = (separator.ignoreCase ? 'i' : '') +\n (separator.multiline ? 'm' : '') +\n (separator.unicode ? 'u' : '') +\n (separator.sticky ? 'y' : '');\n      var lastLastIndex = 0;\n      var splitLimit = limit === undefined ? 4294967295 : limit >>> 0;\n      // Make `global`\n and avoid `lastIndex` issues by working with a copy\n      var separatorCopy = new RegExp(separator.source, flags\n + 'g');\n      var separator2, match, lastIndex, lastLength, i;\n      // Doesn't need flags gy, but they don't hurt\n      if\n (!NPCG) separator2 = new RegExp('^' + separatorCopy.source + '$(?:!\\s)', flags);\n      while (match =\n separatorCopy.exec(string)) {\n        // `separatorCopy.lastIndex` is not reliable cross-browser\n        lastIndex =\n match.index + match[0][LENGTH];\n        if (lastIndex > lastLastIndex) {\n          output.push(string.slice(lastLastIndex, match.index));\n          // Fix browsers whose `exec` methods don't\n consistently return `undefined` for NPCG\n          // eslint-disable-next-line no-loop-func\n          if (!NPCG &&\n match[LENGTH] > 1) match[0].replace(separator2, function () {\n            for (i = 1; i < arguments[LENGTH] - 2;\n i++) if (arguments[i] === undefined) match[i] = undefined;\n          });\n          if (match[LENGTH] > 1 &&\n match.index < string[LENGTH]) $push.apply(output, match.slice(1));\n          lastLength = match[0][LENGTH];\n          lastLastIndex = lastIndex;\n          if (output[LENGTH] >= splitLimit) break;\n        }\n      }\n      if\n (separatorCopy[LAST_INDEX] === match.index) separatorCopy[LAST_INDEX]++; // Avoid an infinite loop\n      }\n      if (lastLastIndex === string[LENGTH]) {\n        if (lastLength || !separatorCopy.test('')) output.push('');\n      }\n      else output.push(string.slice(lastLastIndex));\n      return output[LENGTH] > splitLimit ? output.slice(0,\n splitLimit) : output;\n    };\n  }\n  // Chakra, V8\n } else if ('0'[$SPLIT](undefined, 0)[LENGTH]) {\n    $split = function

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(separator, limit) {\n    return separator === undefined && limit === 0 ? [] : _split.call(this, separator, limit);\n
};\n }\n // 21.1.3.17 String.prototype.split(separator, limit)\n return [function split(separator, limit) {\n    var O =\n    defined(this);\n    var fn = separator === undefined ? undefined : separator[SPLIT];\n    return fn !== undefined ?\n    fn.call(separator, O, limit) : $split.call(String(O), separator, limit);\n }, $split];\n});\n"/**\n * Removes all key-\n    value entries from the list cache.\n *\n * @private\n * @name clear\n * @memberOf ListCache\n */\nfunction\nlistCacheClear() {\n    this.__data__ = [];\n    this.size = 0;\n}\n\nmodule.exports = listCacheClear;\n"/** Used for\n    built-in method references. *\n *\n * @nvar objectProto = Object.prototype;\n */\n/**\n * Used to resolve the\n *\n * [ toStringTag ](http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.tostring)\n * of values.\n */\n\nvar\nnativeObjectToString = objectProto.toString;\n/**\n * Converts `value` to a string using\n *\n * `Object.prototype.toString`.\n *\n * @private\n * @param {*} value The value to convert.\n * @returns {string}\n */\nfunction\nobjectToString(value) {\n    return\n    nativeObjectToString.call(value);\n}\n\nmodule.exports = objectToString;\n", "var global = require('./_global');\n\nvar\nhide = require('./_hide');\nvar\nhas = require('./_has');\nvar\nSRC = require('./_uid')('src');\nvar\nTO_STRING =\n'toString';\nvar\n$toString = Function[TO_STRING];\nvar\nTPL = (" +\n\n$toString).split(TO_STRING);\n\nrequire('./_core').inspectSource = function (it) {\n    return\n    $toString.call(it);\n};\n\n(module.exports = function (O, key, val, safe) {\n    var\n    isFunction = typeof val ===\n    'function';\n    if (isFunction) has(val, 'name') || hide(val, 'name', key);\n    if (O[key] === val) return;\n    if (isFunction)\n    has(val, SRC) || hide(val, SRC, O[key] ? "" + O[key] : TPL.join(String(key)));\n    if (O === global) {\n        O[key] =\n        val;\n    } else if (!safe) {\n        delete O[key];\n        hide(O, key, val);\n    } else if (O[key]) {\n        O[key] = val;\n    } else\n    {\n        hide(O, key, val);\n    }\n\n    // add fake Function#toString for correct work wrapped methods / constructors with\n    methods like LoDash isNative\n})(Function.prototype, TO_STRING, function toString() {\n    return\n    typeof this ===\n    'function' && this[SRC] || $toString.call(this);\n});\n"/**\n * 19.1.2.2 / 15.2.3.5 Object.create(O [, Properties])\n */\n\nvar\nanObject = require('./_an-object');\nvar\ndPs = require('./_object-dps');\nvar\nenumBugKeys = require('./_enum-bug-keys');\nvar\nIE_PROTO = require('./_shared-key')('IE_PROTO');\nvar\nEmpty = function () { /* empty */ };\nvar\nPROTOTYPE = 'prototype';\n\n// Create object with fake `null` prototype: use iframe Object with cleared\n    prototype\nvar\ncreateDict = function () {\n    // Thrash, waste and sodomy: IE GC bug\n    var\n    iframe =\n    require('./_dom-create')('iframe');\n    var\n    i = enumBugKeys.length;\n    var\n    lt = '<';\n    var\n    gt = '>';\n    var\n    iframeDocument;\n    iframe.style.display = 'none';\n    require('./_html').appendChild(iframe);\n    iframe.src =\n    'javascript:';\n    // eslint-disable-line no-script-url\n    // createDict = iframe.contentWindow.Object;\n    //\n    html.removeChild(iframe);\n    iframeDocument = iframe.contentWindow.document;\n    iframeDocument.open();\n    iframeDocument.write(lt + 'script' + gt + 'document.F=Object' + lt + '/script' + gt);\n    iframeDocument.close();\n    createDict = iframeDocument.F;\n    while (i--) delete createDict[PROTOTYPE][enumBugKeys[i)];\n    return\n    createDict();\n};\n\nmodule.exports = Object.create || function create(O, Properties) {\n    var\n    result;\n    if (O !== null)\n    {\n        Empty[PROTOTYPE] = anObject(O);\n        result = new Empty();\n        Empty[PROTOTYPE] = null;\n        // add\n        `__proto__` for Object.getPrototypeOf polyfill\n        result[IE_PROTO] = O;\n    } else result = createDict();\n    return\n    Properties === undefined ? result : dPs(result, Properties);\n};\n", "var\nfreeGlobal = require('./_freeGlobal');\n\n/**\n * Detect free variable `self`.\n *\n * @nvar freeSelf = typeof self === 'object' && self && self.Object === Object &&\n    self;\n */\n/**\n * Used as a reference to the global object. *\n *\n * @nvar root = freeGlobal || freeSelf || Function('return\n    this')();\n */\n\nmodule.exports = root;\n", "var\nstore = require('./_shared')('wks');\nvar\nuid = require('./_uid');\nvar\nSymbol = require('./_global').Symbol;\nvar\nUSE_SYMBOL = typeof Symbol === 'function';\n\nvar\n$exports =\nmodule.exports = function (name) {\n    return\n    store[name] || (store[name] =\n    USE_SYMBOL && Symbol[name] ||\n    (USE_SYMBOL ? Symbol : uid)('Symbol.' + name));\n};\n\n$exports.store = store;\n", "module.exports =\nfalse;\n"/**\n * A specialized version of `_.filter` for arrays without support for\n *\n * iteratee shorthands.\n *\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function} predicate The function\n    invoked per iteration.\n *\n * @returns {Array} Returns the new filtered array.\n */\nfunction\narrayFilter(array,\n    predicate) {\n    var\n    index = -1,\n    length = array == null ? 0 : array.length,\n    resIndex = 0,\n    result = [];\n    while (++index < length) {\n        var\n        value = array[index];\n        if (predicate(value, index, array)) {\n            result[resIndex++] = value;\n        }\n    }\n    return\n    result;\n}\n\nmodule.exports = arrayFilter;\n", "var\ntoString =

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}.toString;\n\nmodule.exports = function (it) {\n  return toString.call(it).slice(8, -1);\n};\n"/**\n * Removes `key`\n and its value from the stack.\n *\n * @private\n * @name delete\n * @memberOf Stack\n * @param {string} key\n The key of the value to remove.\n *\n * @returns {boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction stackDelete(key) {\n  var data = this.__data__,\n      result = data['delete'](key);\n\n  this.size =\n  data.size;\n  return result;\n}\n\nmodule.exports = stackDelete;\n", "var isFunction = require('./isFunction'),\n  isArrayLike = require('./isArrayLike');\n"/**\n * Checks if `value` is array-like. A value is considered array-like if it's\n * not a function and has a `value.length` that's an integer greater than or\n * equal to `0` and less than or equal to\n * `Number.MAX_SAFE_INTEGER`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is array-like, else `false`.\n * @example\n * _._isArrayLike([1, 2, 3]);\n * // => true\n * _._isArrayLike(document.body.children);\n * // => true\n * _._isArrayLike('abc');\n * // => true\n * _._isArrayLike(_.noop);\n * // => false\n */\nfunction\n isArrayLike(value) {\n  return value != null && isArrayLike(value.length) &&\n  !isFunction(value);\n}\n\nmodule.exports = isArrayLike;\n", "/* fast apply, http://jsperf.inkit.com/fast-apply/5\n */\nmodule.exports = function (fn, args, that) {\n  var un = that === undefined;\n  switch (args.length) {\n    case 0: return un ? fn()\n      : fn.call(that);\n    case 1: return un ? fn(args[0])\n      : fn.call(that, args[0]);\n    case 2: return un ? fn(args[0], args[1])\n      : fn.call(that, args[0], args[1]);\n    case 3: return un ? fn(args[0], args[1], args[2])\n      : fn.call(that, args[0], args[1], args[2]);\n    case 4: return un ? fn(args[0], args[1], args[2], args[3])\n      : fn.call(that, args[0], args[1], args[2], args[3]);\n  } return\n  fn.apply(that, args);\n};\n", "var dP = require('./_object-dp');\nvar createDesc = require('./_property-desc');\nmodule.exports = require('./_descriptors') ? function (object, key, value) {\n  return dP.f(object, key, createDesc(1, value));\n} : function (object, key, value) {\n  object[key] = value;\n  return object;\n};\n", "var\n  arrayFilter = require('./_arrayFilter'),\n  stubArray = require('./_stubArray');\n"/** Used for built-in method\n references. *\n */\nvar objectProto = Object.prototype;\n"/** Built-in value references. *\n */\nvar propertyIsEnumerable =\n  objectProto.propertyIsEnumerable;\n"/** Built-in method references for those with the same name as other\n `lodash` methods. *\n */\nvar nativeGetSymbols = Object.getOwnPropertySymbols;\n"/**\n * Creates an array of the own\n enumerable symbols of `object`.\n *\n * @private\n * @param {Object} object The object to query.\n *\n * @returns\n {Array} Returns the array of symbols.\n */\nvar getSymbols = !nativeGetSymbols ? stubArray : function(object) {\n  if (object == null) {\n    return [];\n  }\n  object = Object(object);\n  return arrayFilter(nativeGetSymbols(object),\n  function(symbol) {\n    return propertyIsEnumerable.call(object, symbol);\n  });\n};\n\nmodule.exports =\n  getSymbols;\n", "/* check on default Array iterator\n */\nvar Iterators = require('./_iterators');\nvar ITERATOR =\n  require('./_wks')('iterator');\nvar ArrayProto = Array.prototype;\n\nmodule.exports = function (it) {\n  return it !==\n  undefined && (Iterators.Array === it || ArrayProto[ITERATOR] === it);\n};\n", "var\n  isFunction = require('./isFunction'),\n  isMasked = require('./_isMasked'),\n  isObject = require('./isObject'),\n  toSource = require('./_toSource');\n"/**\n * Used to match `RegExp`\n * [syntax characters](http://ecma-international.org/ecma-262/7.0/#sec-patterns).\n *\n * @private\n * reRegExpChar = /\\[\\]\\$.*+?(){}|/g;\n */\n"/** Used to\n detect host constructors (Safari). *\n */\nvar reIsHostCtor = /^\\[object\\.+?Constructor\\]$/;\n"/** Used for built-in\n method references. *\n */\nvar funcProto = Function.prototype,\n  objectProto = Object.prototype;\n"/** Used to\n resolve the decompiled source of functions. *\n */\nvar funcToString = funcProto.toString;\n"/** Used to check objects\n for own properties. *\n */\nvar hasOwnProperty = objectProto.hasOwnProperty;\n"/** Used to detect if a method is\n native. *\n */\nvar reIsNative = RegExp('^' +\n  funcToString.call(hasOwnProperty).replace(reRegExpChar, '\\\\$&')\n  .replace(/hasOwnProperty|(function).*?(?=\\\s|\\()/g, '$1.*?') + '$');\n"/**\n * The base\n implementation of `_.isNative` without bad shim checks.\n *\n * @private\n * @param {*} value The value to\n check.\n *\n * @returns {boolean} Returns `true` if `value` is a native function,\n * else `false`.\n */\nfunction\n baseIsNative(value) {\n  if (!isObject(value) || isMasked(value)) {\n    return false;\n  }\n  var pattern =\n  isFunction(value) ? reIsNative : reIsHostCtor;\n  return pattern.test(toSource(value));\n}\n\nmodule.exports =\n  baseIsNative;\n", "/*\n * Gets the value at `key` of `object`.\n *\n * @private\n * @param {Object} [object]\n The object to query.\n *\n * @param {string} key The key of the property to get.\n *\n * @returns {*} Returns the property\n value.\n */\nfunction\n getValue(object, key) {\n  return object == null ? undefined :\n
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object[key];\n\nmodule.exports = getValue;\n", "var Symbol = require('./_Symbol'),\n  getRawTag =
require('./_getRawTag'),\n  objectToString = require('./_objectToString');\n\n/** `Object#toString` result
references. */\nvar nullTag = '[object Null]',\n  undefinedTag = '[object Undefined]';\n\n/** Built-in value
references. */\nvar symToStringTag = Symbol ? Symbol.toStringTag : undefined;\n\n/**\n * The base
implementation of `getTag` without fallbacks for buggy environments.\n * @private\n * @param {*} value The
value to query.\n * @returns {string} Returns the `toStringTag`.\n */\nfunction baseGetTag(value) {\n  if (value ==
null) {\n    return value === undefined ? undefinedTag : nullTag;\n  }\n  return (symToStringTag &&
symToStringTag in Object(value))\n    ? getRawTag(value)\n    : objectToString(value);\n}\n\nmodule.exports =
baseGetTag;\n", "/* 21.2.5.3 get RegExp.prototype.flags()nif (require('./_descriptors') && /.g.flags != 'g')
require('./_object-dp').f(RegExp.prototype, 'flags', {\n  configurable: true,\n  get: require('./_flags')\n});\n", "/*
19.1.2.9 / 15.2.3.2 Object.getPrototypeOf(O)\nvar has = require('./_has');\nvar toObject = require('./_to-object');\nvar
IE_PROTO = require('./_shared-key')('IE_PROTO');\nvar ObjectProto = Object.prototype;\n\nmodule.exports =
Object.getPrototypeOf || function (O) {\n  O = toObject(O);\n  if (has(O, IE_PROTO)) return O[IE_PROTO];\n  if
(typeof O.constructor == 'function' && O instanceof O.constructor) {\n    return O.constructor.prototype;\n  } return
O instanceof Object ? ObjectProto : null;\n};\n", "var getNative = require('./_getNative'),\n  root =
require('./_root');\n\n/** Built-in method references that are verified to be native. */\nvar WeakMap = getNative(root,
'WeakMap');\n\nmodule.exports = WeakMap;\n", "var getNative = require('./_getNative');\n\nvar defineProperty =
(function() {\n  try {\n    var func = getNative(Object, 'defineProperty');\n    func({}, {}, {});\n    return func;\n  }
catch (e) {}\n})();\n\nmodule.exports = defineProperty;\n", "var isStrictComparable =
require('./_isStrictComparable'),\n  keys = require('./_keys');\n\n/**\n * Gets the property names, values, and
compare flags of `object`.\n * @private\n * @param {Object} object The object to query.\n * @returns {Array}
Returns the match data of `object`.\n */\nfunction getMatchData(object) {\n  var result = keys(object),\n    length =
result.length;\n\n  while (length--)\n    var key = result[length],\n        value = object[key];\n\n  result[length] =
[key, value, isStrictComparable(value)];\n}\n\nmodule.exports = getMatchData;\n", "/*!\n *
vue-headroom v0.9.0\n * (c) 2016-present dalphyx <wjcbmk@gmail.com>\n * Released under the MIT License.\n
*/\n(function (global, factory) {\n  typeof exports === 'object' && typeof module !== 'undefined' ? module.exports
= factory() :\n  typeof define === 'function' && define.amd ? define(factory) :\n  (global.vueHeadroom =
factory());\n})(this, (function () {\n  'use strict';\n\n  var commonjsGlobal = typeof window !== 'undefined' ? window :
typeof global !== 'undefined' ? global : typeof self !== 'undefined' ? self : {};\n\n  function
createCommonjsModule(fn, module) {\n    return module = { exports: {} }, fn(module, module.exports),
module.exports;\n  }\n\n  var performanceNow = createCommonjsModule(function (module) {\n    // Generated by
CoffeeScript 1.12.2\n    (function() {\n      var getNanoSeconds, hrtime, loadTime, moduleLoadTime, nodeLoadTime,
upTime;\n\n      if ((typeof performance !== "undefined" && performance !== null) && performance.now) {\n        module.exports = function() {\n          return performance.now();\n        };\n      } else if ((typeof process !==
"undefined" && process !== null) && process.hrtime) {\n        module.exports = function() {\n          return
(getNanoSeconds() - nodeLoadTime) / 1e6;\n        };\n        hrtime = process.hrtime;\n        getNanoSeconds =
function() {\n          var hr;\n          hr = hrtime();\n          return hr[0] * 1e9 + hr[1];\n        };\n        moduleLoadTime =
getNanoSeconds();\n        upTime = process.uptime() * 1e9;\n        nodeLoadTime = moduleLoadTime - upTime;\n      }
else if (Date.now) {\n        module.exports = function() {\n          return Date.now() - loadTime;\n        };\n        loadTime
= Date.now();\n      } else {\n        module.exports = function() {\n          return new Date().getTime() - loadTime;\n        };\n        loadTime = new Date().getTime();\n      }\n\n      (function(global) {\n        var root = typeof
window === 'undefined' ? commonjsGlobal : window\n          , vendors = ['moz', 'webkit']\n          , suffix =
'AnimationFrame'\n          , raf = root['request' + suffix]\n          , caf = root['cancel' + suffix] || root['cancelRequest' +
suffix];\n\n        for (var i = 0; !raf && i < vendors.length; i++) {\n          raf = root[vendors[i] + 'Request' +
suffix];\n          caf = root[vendors[i] + 'CancelRequest' + suffix];\n        }\n\n        // Some versions of
FF have rAF but not cAF\n        (function(!raf || !caf) {\n          var last = 0\n              , id = 0\n              , queue = []\n              , frameDuration =
1000 / 60;\n\n          raf = function(callback) {\n            if (queue.length === 0) {\n              var _now = performanceNow()\n                  , next = Math.max(0, frameDuration - (_now - last));\n\n              last = next + _now;\n              setTimeout(function() {\n

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var cp = queue.slice(0);\n\t // Clear queue here to prevent\n\t // callbacks from appending listeners\n\t // to the current frame's queue\n\t queue.length = 0;\n\t for(var i = 0; i < cp.length; i++) {\n\t if(!cp[i].cancelled) {\n\t try{\n\t cp[i].callback(last);\n\t } catch(e) {\n\t setTimeout(function() { throw e }, 0);\n\t }\n\t }, Math.round(next));\n\t }\n\t queue.push({\n\t handle: ++id,\n\t callback: callback,\n\t cancelled: false\n\t });\n\t return id\n\t };\n\t caf = function(handle) {\n\t for(var i = 0; i < queue.length; i++) {\n\t if(queue[i].handle === handle) {\n\t queue[i].cancelled = true;\n\t }\n\t }\n\t }\n\t};\n\t var raf_1 = function(fn) {\n\t // Wrap in a new function to\n\t prevent\n\t // `cancel` potentially being assigned\n\t // to the native rAF function\n\t return raf.call(root,\n\t fn)\n\t};\n\t var cancel = function() {\n\t caf.apply(root, arguments);\n\t};\n\t var polyfill = function(object) {\n\t if\n\t (!object) {\n\t object = root;\n\t }\n\t object.requestAnimationFrame = raf;\n\t object.cancelAnimationFrame =\n\t caf;\n\t};\n\t raf_1.cancel = cancel;\n\t raf_1.polyfill = polyfill;\n\t function checkActions(states) {\n\t var direction\n\t = states.currentScrollY >= states.lastScrollY ? 'down' : 'up';\n\t var distanceScrolled =\n\t Math.abs(states.currentScrollY - states.lastScrollY);\n\t var action; // Scrolling down and past the offset.\n\t // Unpinned the header.\n\t if (direction === 'down' && states.currentScrollY >= states.offset && distanceScrolled\n\t > states.downTolerance) {\n\t action = 'unpin'; // Now, it's time to up.\n\t // Pin the header.\n\t } else if (direction\n\t === 'up' && distanceScrolled > states.upTolerance || states.currentScrollY <= states.offset) {\n\t action = 'pin';\n\t }\n\t return action;\n\t }\n\t // borrowed from modernizr\n\t https://github.com/Modernizr/Modernizr/blob/master/feature-detects/css/transforms3d.js\n\t function supports3d()\n\t {\n\t var div = document.createElement('div');\n\t var ret = false;\n\t var properties = ['perspectiveProperty',\n\t 'WebkitPerspective'];\n\t for (var i = properties.length - 1; i >= 0; i--) {\n\t ret = ret ? ret : div.style[properties[i]]\n\t !== undefined;\n\t }\n\t if (ret) {\n\t var st = document.createElement('style');\n\t st.textContent =\n\t '#modernizr{width:0;height:0}@media (transform-3d),(-webkit-transform-\n\t 3d){#modernizr{width:7px;height:18px;margin:0;padding:0;border:0}'};\n\t document.getElementsByTagName('head')[0].appendChild(st);\n\t div.id = 'modernizr';\n\t document.body.appendChild(div);\n\t ret = div.offsetWidth === 7 && div.offsetHeight === 18;\n\t st.parentNode.removeChild(st);\n\t div.parentNode.removeChild(div);\n\t }\n\t return ret;\n\t }\n\t var _extends\n\t = Object.assign || function (target) {\n\t for (var i = 1; i < arguments.length; i++) {\n\t var source = arguments[i];\n\t for (var\n\t key in source) {\n\t if (Object.prototype.hasOwnProperty.call(source, key)) {\n\t target[key] = source[key];\n\t }\n\t }\n\t }\n\t return\n\t target;\n\t }\n\t function _defineProperty(obj, key, value) {\n\t if (key in obj) {\n\t Object.defineProperty(obj, key, {\n\t value:\n\t value, enumerable: true, configurable: true, writable: true\n\t });\n\t } else {\n\t obj[key] = value;\n\t }\n\t return\n\t obj;\n\t }\n\t var defaultCls = {\n\t pinned: 'headroom--pinned',\n\t unpinned: 'headroom--unpinned',\n\t top: 'headroom--top',\n\t notTop: 'headroom--not-top',\n\t bottom: 'headroom--bottom',\n\t notBottom: 'headroom--not-bottom',\n\t initial:\n\t 'headroom'\n\t};\n\t var headroom = {\n\t render: function render() {\n\t var _vm = this;\n\t var _h =\n\t _vm.$createElement;\n\t var _c = _vm._self._c || _h;\n\t return _c('div', {\n\t class: _vm.cls,\n\t style: _vm.style,\n\t [_vm._t("\ndefault")],\n\t 2\n\t },\n\t staticRenderFns: [],\n\t name: 'vueHeadroom',\n\t data: function data() {\n\t return {\n\t isTop: false,\n\t isNotTop: false,\n\t isBottom: false,\n\t isNotBottom: false,\n\t isPinned: false,\n\t isUnpinned: false,\n\t currentScrollY: 0,\n\t lastScrollY: 0,\n\t state: '',\n\t translate: 0,\n\t isSupport3d: false\n\t };,\n\t },\n\t props: {\n\t scroller: {\n\t type: Function,\n\t default: function\n\t _default() {\n\t return window;\n\t }\n\t },\n\t disabled: {\n\t type: Boolean,\n\t default: false\n\t },\n\t upTolerance: {\n\t type: Number,\n\t default: 5\n\t },\n\t downTolerance: {\n\t type:\n\t Number,\n\t default: 0\n\t },\n\t speed: {\n\t type: Number,\n\t default: 250\n\t },\n\t easing: {\n\t type: String,\n\t default: 'ease-in-out'\n\t },\n\t zIndex: {\n\t type: Number,\n\t default:\n\t 9999\n\t },\n\t onPin: Function,\n\t onUnpin: Function,\n\t onTop: Function,\n\t onNotTop: Function,\n\t onBottom: Function,\n\t onNotBottom: Function,\n\t offset: {\n\t type: Number,\n\t default: 0\n\t },\n\t classes: {\n\t type: Object,\n\t default: function _default() {\n\t return defaultCls;\n\t }\n\t },\n\t footroom: {\n\t type: Boolean,\n\t default: false\n\t },\n\t watch: {\n\t disabled: function\n\t disabled(newVal) {\n\t if (newVal) {\n\t this.scroller().removeEventListener('scroll', this._handleScroll);\n\t }\n\t } else {\n\t this.scroller().addEventListener('scroll', this._handleScroll);\n\t }\n\t }\n\t },\n\t mounted:
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function mounted() {\n\t this.isSupport3d = supports3d();\n\n\t if (!this.disabled) {\n\t
this.scroller().addEventListener('scroll', this._handleScroll);\n\t }\n\n\t // When headroom is mounted, call
handleScroll to set initial state.\n\t this._handleScroll();\n\t },\n\t beforeDestroy: function beforeDestroy() {\n\t
this.scroller().removeEventListener('scroll', this._handleScroll);\n\t },\n\n\t computed: {\n\t style: function
style() {\n\t var styles = {\n\t 'position': this.isInTop ? 'fixed' : 'relative',\n\t 'top': '0',\n\t 'left': '0',\n\t
'right': '0',\n\t 'z-index': this.isInTop ? this.zIndex : 1\n\t }; \n\n\t if (this.footroom) {\n\t styles =
_extends({}, styles, { 'top': 'unset', 'bottom': '0' });\n\t }\n\n\t // SSR cannot detect scroll position. To prevent
flash when component mounted,\n\t // just add transition styles in browser.\n\t if (!this.$isServer) {\n\t
styles.transform = this.isSupport3d && !this.$isServer ? 'translate3d(0, ' + this.translate + ', 0)': 'translateY(' +
this.translate + ')';\n\n\t styles.transition = this.isInTop ? 'all ' + this.speed + 'ms ' + this.easing : null;\n\t
}\n\n\t return styles;\n\t },\n\t clsOpts: function clsOpts() {\n\t return _extends({}, defaultCls,
this.classes);\n\t },\n\t cls: function cls() {\n\t var _ref;\n\n\t var cls = this.clsOpts;\n\t return
this.disabled ? {} : (_ref = {}, _defineProperty(_ref, cls.top, this.isTop), _defineProperty(_ref, cls.notTop,
this.isNotTop), _defineProperty(_ref, cls.bottom, this.isBottom), _defineProperty(_ref, cls.notBottom,
this.isNotBottom), _defineProperty(_ref, cls.pinned, this.isPinned), _defineProperty(_ref, cls.unpinned,
this.isUnpinned), _defineProperty(_ref, cls.initial, true), _ref);\n\t },\n\t isInTop: function isInTop() {\n\t
return this.state === 'pinned' || this.state === 'unpinned';\n\t }\n\t },\n\n\t methods: {\n\t _getViewportHeight:
function _getViewportHeight() {\n\t return window.innerHeight || document.documentElement.clientHeight ||
document.body.clientHeight;\n\t },\n\n\t _getElementPhysicalHeight: function _getElementPhysicalHeight(elm)
{\n\t return Math.max(elm.offsetHeight, elm.clientHeight);\n\t },\n\n\t _getDocumentHeight: function
_getDocumentHeight() {\n\t var body = document.body;\n\t var documentElement =
document.documentElement;\n\n\t return Math.max(body.scrollHeight, documentElement.scrollHeight,
body.offsetHeight, documentElement.offsetHeight, body.clientHeight, documentElement.clientHeight);\n\t },\n\n\t
_getElementHeight: function _getElementHeight(elm) {\n\t return Math.max(elm.scrollHeight,
elm.offsetHeight, elm.clientHeight);\n\t },\n\n\t _getScrollerPhysicalHeight: function
_getScrollerPhysicalHeight() {\n\t var parent = this.scroller();\n\n\t return parent === window || parent ===
document.body ? this._getViewportHeight() : this._getElementPhysicalHeight(parent);\n\t },\n\n\t
_getScrollerHeight: function _getScrollerHeight() {\n\t var parent = this.scroller();\n\n\t return parent ===
window || parent === document.body ? this._getDocumentHeight() : this._getElementHeight(parent);\n\t },\n\n\t
_isOutOfBound: function _isOutOfBound(currentScrollY) {\n\t var pastTop = currentScrollY < 0;\n\n\t var
scrollerPhysicalHeight = this._getScrollerPhysicalHeight();\n\t var scrollerHeight =
this._getScrollerHeight();\n\n\t var pastBottom = currentScrollY + scrollerPhysicalHeight > scrollerHeight;\n\n\t
return pastTop || pastBottom;\n\t },\n\n\t _handleScroll: function _handleScroll() {\n\t raf_1(this.update);\n\t
},\n\n\t _getScrollY: function _getScrollY() {\n\t var top = void 0;\n\n\t if (this.scroller().pageYOffset !==
undefined) {\n\t top = this.scroller().pageYOffset;\n\t } else if (this.scroller().scrollTop !== undefined) {\n\t
top = this.scroller().scrollTop;\n\t } else {\n\t top = (document.documentElement ||
document.body.parentNode || document.body).scrollTop;\n\t }\n\n\t return top;\n\t },\n\n\t update: function
update() {\n\t this.currentScrollY = this._getScrollY();\n\n\t if (this._isOutOfBound(this.currentScrollY)) {\n\t
return;\n\t }\n\n\t if (this.currentScrollY <= this.offset) {\n\t this.top();\n\t } else {\n\t
this.notTop();\n\t }\n\n\t if (this.currentScrollY + this._getViewportHeight() >= this._getScrollerHeight())
{\n\t this.bottom();\n\t } else {\n\t this.notBottom();\n\t }\n\n\t var action =
checkActions(this);\n\n\t if (action === 'pin') {\n\t this.pin();\n\t } else if (action === 'unpin') {\n\t
this.unpin();\n\t }\n\n\t this.lastScrollY = this.currentScrollY;\n\t },\n\n\t top: function top() {\n\t if
(!this.isTop) {\n\t this.isTop = true;\n\t this.isNotTop = false;\n\t this.onTop && this.onTop();\n\n\t
}\n\t },\n\n\t notTop: function notTop() {\n\t if (!this.isNotTop) {\n\t this.isTop = false;\n\t
this.isNotTop = true;\n\t this.onNotTop && this.onNotTop();\n\t }\n\t },\n\n\t bottom: function bottom()
{\n\t if (!this.isBottom) {\n\t this.isBottom = true;\n\t this.isNotBottom = false;\n\t this.onBottom
&& this.onBottom();\n\t }\n\t },\n\n\t notBottom: function notBottom() {\n\t if (!this.isNotBottom) {\n\t

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};\nexports.features = {};\n", "/*\n * Gets the last element of `array`.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The array to query.\n * @returns {*} Returns the last element of `array`.\n * @example\n * _._last([1, 2, 3]);\n * // => 3\n */\nfunction last(array) {\n  var length = array == null ? 0 : array.length;\n  return length ? array[length - 1] : undefined;\n}\n\nmodule.exports = last;\n", "19.1.2.14 Object.keys(O)\nvar toObject = require('./_to-object');\nvar $keys = require('./_object-keys');\nrequire('./_object-sap')('keys', function () {\n  return function keys(it) {\n    return $keys(toObject(it));\n  };\n});\n", "7.1.4 ToInteger\nvar ceil = Math.ceil;\nvar floor = Math.floor;\nmodule.exports = function (it) {\n  return isNaN(it = +it) ? 0 : (it > 0 ? floor : ceil)(it);\n};\n", "module.exports = function (bitmap, value) {\n  return {\n    enumerable: !(bitmap & 1),\n    configurable: !(bitmap & 2),\n    writable: !(bitmap & 4),\n    value: value\n  };\n};\n", "var baseForOwn = require('./_baseForOwn');\n  createBaseEach = require('./_createBaseEach');\n\n/*\n * The base implementation of `_.forEach` without support for iteratee shorthands.\n * @private\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array|Object} Returns `collection`.\n */\nvar baseEach = createBaseEach(baseForOwn);\nmodule.exports = baseEach;\n", " @match logic\nrequire('./_fix-re-wks')('match', 1, function (defined, MATCH, $match) {\n  // 21.1.3.11 String.prototype.match(regexp)\n  return [function match(regexp) {\n    'use strict';\n    var O = defined(this);\n    var fn = regexp == undefined ? undefined : regexp[MATCH];\n    return fn !== undefined ? fn.call(regexp, O) : new RegExp(regexp)[MATCH](String(O)), $match];\n  };\n], "var nativeCreate = require('./_nativeCreate');\n\n/*\n * Removes all key-value entries from the hash.\n * @private\n * @name clear\n * @memberOf Hash\n */\nfunction hashClear() {\n  this.__data__ = nativeCreate ? nativeCreate(null) : {};\n  this.size = 0;\n}\n\nmodule.exports = hashClear;\n", "var ctx = require('./_ctx');\nvar call = require('./_iter-call');\nvar isArrayIter = require('./_is-array-iter');\nvar anObject = require('./_an-object');\nvar toLength = require('./_to-length');\nvar getIterFn = require('./core.get-iterator-method');\nvar BREAK = {};\nvar RETURN = {};\nvar exports = module.exports = function (iterable, entries, fn, that, ITERATOR) {\n  var iterFn = ITERATOR ? function () { return iterable; } : getIterFn(iterable);\n  var f = ctx(fn, that, entries ? 2 : 1);\n  var index = 0;\n  var length, step, iterator, result;\n  if (typeof iterFn !== 'function')\n    throw TypeError(iterable + ' is not iterable!');\n  // fast case for arrays with default iterator\n  if (isArrayIter(iterFn))\n    for (length = toLength(iterable.length); length > index; index++) {\n      result = entries ? f(anObject(step = iterable[index])[0], step[1]) : f(iterable[index]);\n      if (result === BREAK || result === RETURN) return result;\n    }\n  else for (iterator = iterFn.call(iterable); !(step = iterator.next()).done;) {\n    result = call(iterator, f, step.value, entries);\n    if (result === BREAK || result === RETURN) return result;\n  }\n};\n\nexports.BREAK = BREAK;\nexports.RETURN = RETURN;\n", "7.1.13 ToObject(argument)\nvar defined = require('./_defined');\nmodule.exports = function (it) {\n  return Object(defined(it));\n};\n", "var baseFlatten = require('./_baseFlatten');\n\n/*\n * Flattens `array` a single level deep.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The array to flatten.\n * @returns {Array} Returns the new flattened array.\n * @example\n * _._flatten([1, [2, [3, [4]], 5]]);\n * // => [1, 2, [3, [4]], 5]\n */\nfunction flatten(array) {\n  var length = array == null ? 0 : array.length;\n  return length ? baseFlatten(array, 1) : [];\n}\n\nmodule.exports = flatten;\n", "/*\n * The base implementation of `_.times` without support for iteratee shorthands\n * or max array length checks.\n * @private\n * @param {number} n The number of times to invoke `iteratee`.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns the array of results.\n */\nfunction baseTimes(n, iteratee) {\n  var index = -1,\n      result = Array(n);\n  while (++index < n) {\n    result[index] = iteratee(index);\n  }\n  return result;\n}\n\nmodule.exports = baseTimes;\n", "/*!\n * vue-social-sharing v2.3.3\n * (c) 2017 nicolasbeauvais\n * Released under the MIT License.\n */\n'use strict';\n\nfunction _interopDefault (ex) {\n  return (ex && (typeof ex === 'object') && 'default' in ex) ? ex['default'] : ex;\n}\n\nvar Vue = _interopDefault(require('vue'));\n\nvar SocialSharingNetwork = {\n  functional: true,\n  props: {\n    network: {\n      type: String,\n      default: "\n    }\n  },\n  render: function (createElement, context) {\n    var network = context.parent._data.baseNetworks[context.props.network];\n    if (!network) {\n      return console.warn(("Network \" + (context.props.network) + \" does not exist"));\n    }\n    return createElement(context.parent.networkTag, {\n      staticClass: context.data.staticClass || null,\n      staticStyle:

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context.data.staticStyle || null,\n    class: context.data.class || null,\n    style: context.data.style || null,\n    attrs: {\n        id: context.data.attrs.id || null,\n        'data-link': network.type === 'popup'\n            ? '#share-' +\n            context.props.network\n                : context.parent.createSharingUrl(context.props.network),\n        'data-action':\n            network.type === 'popup' ? null : network.action\n    },\n    on: {\n        click: network.type === 'popup' ? function\n            () {\n                context.parent.share(context.props.network);\n            } : function () {\n                context.parent.touch(context.props.network);\n            }\n    }, context.children);\n    }\n};\n\nvar email =\n    {\n        sharer: \"mailto:?subject=@title&body=@url%0D%0A%0D%0A@description\", \"type\": \"direct\";\n    },\n    facebook =\n    {\n        sharer: \"https://www.facebook.com/sharer/sharer.php?u=@url&title=@title&description=@description&quote\n            =@quote\", \"type\": \"popup\";\n    },\n    googleplus =\n    {\n        sharer: \"https://plus.google.com/share?url=@url\", \"type\": \"popup\";\n    },\n    line =\n    {\n        sharer: \"http://line.me/R/msg/text/?@description%0D%0A@url\", \"type\": \"popup\";\n    },\n    linkedin =\n    {\n        sharer: \"https://www.linkedin.com/shareArticle?mini=true&url=@url&title=@title&summary=@description\", \"\n            type\": \"popup\";\n    },\n    odnoklassniki =\n    {\n        sharer: \"https://connect.ok.ru/dk?st.cmd=WidgetSharePreview&st.shareUrl=@url&st.comments=@description\n            \", \"type\": \"popup\";\n    },\n    pinterest =\n    {\n        sharer: \"https://pinterest.com/pin/create/button/?url=@url&media=@media&description=@title\", \"type\": \"po\n            pup\";\n    },\n    reddit =\n    {\n        sharer: \"https://www.reddit.com/submit?url=@url&title=@title\", \"type\": \"popup\";\n    },\n    skype =\n    {\n        sharer: \"https://web.skype.com/share?url=@description%0D%0A@url\", \"type\": \"popup\";\n    },\n    telegram =\n    {\n        sharer: \"https://t.me/share/url?url=@url&text=@description\", \"type\": \"popup\";\n    },\n    twitter =\n    {\n        sharer: \"https://twitter.com/intent/tweet?text=@title&url=@url&hashtags=@hashtags@twitteruser\", \"type\": \"\n            popup\";\n    },\n    viber = {\n        sharer: \"viber://forward?text=@url @description\", \"type\": \"direct\";\n    },\n    vk =\n    {\n        sharer: \"https://vk.com/share.php?url=@url&title=@title&description=@description&image=@media&nopars\n            e=true\", \"type\": \"popup\";\n    },\n    weibo =\n    {\n        sharer: \"http://service.weibo.com/share/share.php?url=@url&title=@title\", \"type\": \"popup\";\n    },\n    whatsapp =\n    {\n        sharer: \"whatsapp://send?text=@description%0D%0A@url\", \"type\": \"direct\", \"action\": \"share/whatsapp/sha\n            re\";\n    },\n    sms = {\n        sharer: \"sms:?body=@url%20@description\", \"type\": \"direct\";\n    },\n    BaseNetworks =\n    {\n        email: email,\n        facebook: facebook,\n        googleplus: googleplus,\n        line: line,\n        linkedin: linkedin,\n        odnoklassniki: odnoklassniki,\n        pinterest: pinterest,\n        reddit: reddit,\n        skype: skype,\n        telegram: telegram,\n        twitter: twitter,\n        viber: viber,\n        vk: vk,\n        weibo: weibo,\n        whatsapp: whatsapp,\n        sms: sms;\n    },\n    inBrowser = typeof window !== 'undefined';\n    $window = inBrowser ? window : null;\n    SocialSharing = {\n        props: {\n            /**\n             * URL to share.\n             * @var string\n             */\n            url: {\n                type: String,\n                default: inBrowser ? window.location.href : \"\n            },\n            /**\n             * Sharing title, if available by network.\n             * @var string\n             */\n            title: {\n                type: String,\n                default: \"\n            },\n            /**\n             * Sharing description, if\n            available by network.\n             * @var string\n             */\n            description: {\n                type: String,\n                default: \"\n            },\n            /**\n             * Facebook quote\n             * @var string\n             */\n            quote: {\n                type: String,\n                default: \"\n            },\n            /**\n             * Twitter hashtags\n             * @var string\n             */\n            hashtags: {\n                type: String,\n                default: \"\n            },\n            /**\n             * Twitter user.\n             * @var string\n             */\n            twitterUser: {\n                type: String,\n                default: \"\n            },\n            /**\n             * Flag\n            that indicates if counts should be retrieved.\n             * - NOT WORKING IN CURRENT VERSION\n             * @var\n            mixed\n             */\n            withCounts: {\n                type: [String, Boolean],\n                default: false\n            },\n            /**\n             * Google plus\n            key.\n             * @var string\n             */\n            googleKey: {\n                type: String,\n                default: undefined\n            },\n            /**\n             * Pinterest Media URL.\n             * Specifies the image/media to be used.\n             * @var string\n             */\n            media: {\n                type: String,\n                default: \"\n            },\n            /**\n             * Network sub component tag.\n             * Default to span tag\n             * @var string\n             */\n            networkTag: {\n                type: String,\n                default: 'span'\n            },\n            /**\n             * Additional or overridden networks.\n             * Default to\n            BaseNetworks\n             * @var Object\n             */\n            networks: {\n                type: Object,\n                default: function () {\n                    return {};\n                }\n            },\n            data: function data () {\n                return {\n                    /**\n                     * Available sharing networks.\n                     * @param object\n
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*\n  baseNetworks: BaseNetworks,\n\n  /**\n   * Popup settings.\n   * @param object\n   */\n  popup: {\n    status: false,\n    resizable: true,\n    toolbar: false,\n    menubar: false,\n    scrollbars: false,\n    location: false,\n    directories: false,\n    width: 626,\n    height: 436,\n    top: 0,\n    left: 0,\n    window: undefined,\n    interval: null\n  }\n};\n\n methods: {\n  /**\n   * Returns generated sharer url.\n   * @param network Social network key.\n   */\n  createSharingUrl: function createSharingUrl (network) {\n    return this.baseNetworks[network].sharer\n      .replace(/@url/g, encodeURIComponent(this.url))\n      .replace(/@title/g, encodeURIComponent(this.title))\n      .replace(/@description/g, encodeURIComponent(this.description))\n      .replace(/@quote/g, encodeURIComponent(this.quote))\n      .replace(/@hashtags/g, this.hashtags)\n      .replace(/@media/g, this.media)\n      .replace(/@twitteruser/g, this.twitterUser ? '&via=' + this.twitterUser : '');\n  },\n\n  /**\n   * Shares URL in specified network.\n   * @param string network Social network key.\n   */\n  share: function share (network) {\n    this.openSharer(network, this.createSharingUrl(network));\n  },\n\n  /**\n   * Touches network and emits click event.\n   * @param string network Social network key.\n   */\n  touch: function touch (network) {\n    window.open(this.createSharingUrl(network), '_self');\n    this.$root.$emit('social_shares_open', network, this.url);\n    this.$emit('open', network, this.url);\n  },\n\n  /**\n   * Opens sharer popup.\n   * @param string url Url to share.\n   */\n  openSharer: function openSharer (network, url) {\n    var this$1 = this;\n\n    // If a popup window already exist it will be replaced, trigger a close event.\n    if (this.popup.window && this.popup.interval) {\n      clearInterval(this.popup.interval);\n      this.popup.window.close();// Force close (for Facebook)\n    }\n    this.$root.$emit('social_shares_change', network, this.url);\n    this.$emit('change', network, this.url);\n\n    this.popup.window = window.open(\n      url,\n      'sharer',\n      'status=' + (this.popup.status ? 'yes' : 'no') +\n      ',height=' + this.popup.height +\n      ',width=' + this.popup.width +\n      ',resizable=' + (this.popup.resizable ? 'yes' : 'no') +\n      ',left=' + this.popup.left +\n      ',top=' + this.popup.top +\n      ',screenX=' + this.popup.left +\n      ',screenY=' + this.popup.top +\n      ',toolbar=' + (this.popup.toolbar ? 'yes' : 'no') +\n      ',menubar=' + (this.popup.menubar ? 'yes' : 'no') +\n      ',scrollbars=' + (this.popup.scrollbars ? 'yes' : 'no') +\n      ',location=' + (this.popup.location ? 'yes' : 'no') +\n      ',directories=' + (this.popup.directories ? 'yes' : 'no')\n    );\n    this.popup.window.focus();\n\n    // Create an interval to detect popup closing event\n    this.popup.interval = setInterval(function () {\n      if (this$1.popup.window.closed) {\n        clearInterval(this$1.popup.interval);\n        this$1.popup.window = undefined;\n      }\n    }, 500);\n  },\n\n  /**\n   * Merge base networks list with user's list\n   */\n  beforeMount: function beforeMount () {\n    this.baseNetworks = Vue.util.extend(this.baseNetworks, this.networks);\n  },\n\n  /**\n   * Sets popup default dimensions.\n   */\n  mounted: function mounted () {\n    if (!inBrowser) {\n      return;\n    }\n\n    /**\n     * Center the popup on dual screens\n     * http://stackoverflow.com/questions/4068373/center-a-popup-window-on-screen/32261263\n     */\n    var dualScreenLeft = $window.screenLeft !== undefined ? $window.screenLeft : screen.left;\n    var dualScreenTop = $window.screenTop !== undefined ? $window.screenTop : screen.top;\n\n    var width = $window.innerWidth ? $window.innerWidth : (document.documentElement.clientWidth ? document.documentElement.clientWidth : screen.width);\n    var height = $window.innerHeight ? $window.innerHeight : (document.documentElement.clientHeight ? document.documentElement.clientHeight : screen.height);\n\n    this.popup.left = ((width / 2) - (this.popup.width / 2)) + dualScreenLeft;\n    this.popup.top = ((height / 2) - (this.popup.height / 2)) + dualScreenTop;\n  },\n\n  /**\n   * Set component aliases for buttons and links.\n   */\n  components: {\n    'network': SocialSharingNetwork\n  }\n};\n\nSocialSharing.version = '2.3.3';\n\nSocialSharing.install = function (Vue) {\n  Vue.component('social-sharing', SocialSharing);\n};\n\nif (typeof window !== 'undefined') {\n  window.SocialSharing = SocialSharing;\n\n  module.exports = SocialSharing;\n},\n\npropertyIsEnumerable,"export default {\n  'imddb-header.dropdown.items': [\n    { label: 'Graphics', href: '#/' },\n    { label: 'Overview', href: '#/' },\n    { label: 'Visual overview', href: '#/' },\n    { label: 'Backgrounder', href: '#/' },\n    { label: 'About this project', href: '#/', active: true }\n  ],\n  'project.name': 'Secret Papers',\n  'app.name': 'Awesome App',\n  'app.home': './,\n
```

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'sharing-options.url': null,\n 'sharing-options.title': 'Awesome App by ICIJ',\n 'sharing-options.description': 'null',\n
'sharing-options.media': null,\n 'sharing-options.twitter-user': 'ICIJorg',\n 'signup-form.tracker': 'EXTERNAL',\n
'signup-form.action': 'https://icij.us15.list-manage.com/subscribe/post?u=0d48a33b1c24d257734cc2a79&id=992ecfdbb2',\n 'donate-form.introduction':
`ICIJ's investigations are supported by readers like you. Help keep our\n
databases free and open to the public by joining our\n
<strong><a target="_blank" href="https://icij.org/donate">ICIJ\n
Insiders</a></strong>\n
community.`\n\n", "import get from 'lodash/get'\nimport each from 'lodash/each'\nimport Symbol from 'es6-symbol'\nimport defaultValues from './config.default'\n\nconst _VALUES = Symbol('values')\nconst _SCOPES = Symbol('scopes')\n\nclass Config {\n  constructor (values = {}) {\n    this[_VALUES] = {}\n    each(values, (value, key) => this.set(key, value))\n    return this;\n  }\n  set (key, value) {\n    const levels = key.split('.')\n    if (levels.length > 1) {\n      this[_VALUES][key] = this.scope(levels.shift()).set(levels.join('.'), value)\n    } else {\n      this[_VALUES][key] = value\n    }\n    return value\n  }\n  get (key, defaultValue) {\n    return get(this[_VALUES], key, defaultValue)\n  }\n  scopes () {\n    this[_SCOPES] = get(this, _SCOPES, {})\n    return this[_SCOPES]\n  }\n  scope (name) {\n    this.scopes[name] = get(this.scopes, name, new Config())\n    return this.scopes[name]\n  }\n  values () {\n    return this[_VALUES]\n  }\n}\n\nexport default new Config(defaultValues)\n\n", "use strict";\nvar LIBRARY = require('./_library');\nvar global = require('./_global');\nvar ctx = require('./_ctx');\nvar classof = require('./_classof');\nvar $export = require('./_export');\nvar isObject = require('./_is-object');\nvar aFunction = require('./_a-function');\nvar anInstance = require('./_an-instance');\nvar forOf = require('./_for-of');\nvar speciesConstructor = require('./_species-constructor');\nvar task = require('./_task').set;\nvar microtask = require('./_microtask')();\nvar newPromiseCapabilityModule = require('./_new-promise-capability');\nvar perform = require('./_perform');\nvar userAgent = require('./_user-agent');\nvar promiseResolve = require('./_promise-resolve');\nvar PROMISE = 'Promise';\nvar TypeError = global.TypeError;\nvar process = global.process;\nvar versions = process && process.versions;\nvar v8 = versions && versions.v8 || "";\nvar $Promise = global[PROMISE];\nvar isNode = classof(process) === 'process';\nvar empty = function () { /* empty */};\nvar Internal, newGenericPromiseCapability, OwnPromiseCapability, Wrapper;\nvar newPromiseCapability = newGenericPromiseCapability = newPromiseCapabilityModule.f;\nvar USE_NATIVE = !!function () {\n  try {\n    // correct subclassing with @@species support\n    var promise = $Promise.resolve(1);\n    var FakePromise = (promise.constructor = {})[require('./_wks')('species')] = function (exec) {\n      exec(empty, empty);\n    }; // unhandled rejections tracking support, NodeJS Promise without it fails @@species test\n    return (isNode || typeof PromiseRejectionEvent === 'function')\n      && promise.then(empty) instanceof FakePromise\n      // v8 6.6 (Node 10 and Chrome 66) have a bug with resolving custom thenables\n      // https://bugs.chromium.org/p/chromium/issues/detail?id=830565\n      // we can't detect it synchronously, so just check versions\n      && v8.indexOf('6.6') !== 0\n      && userAgent.indexOf('Chrome/66') === -1;\n  } catch (e) { /* empty */ }\n}();\n\n// helpers\nvar isThenable = function (it) {\n  var then;\n  return isObject(it) && typeof (then = it.then) === 'function' ? then : false;\n};\nvar notify = function (promise, isReject) {\n  if (promise._n) return;\n  promise._n = true;\n  var chain = promise._c;\n  microtask(function () {\n    var value = promise._v;\n    var ok = promise._s === 1;\n    var i = 0;\n    var run = function (reaction) {\n      var handler = ok ? reaction.ok : reaction.fail;\n      var resolve = reaction.resolve;\n      var reject = reaction.reject;\n      var domain = reaction.domain;\n      var result, then, exited;\n      try {\n        if (handler) {\n          if (!ok) {\n            if (promise._h === 2) onHandleUnhandled(promise);\n            promise._h = 1;\n          }\n          if (handler === true) result = value;\n          else {\n            if (domain) domain.enter();\n            result = handler(value); // may throw\n            if (domain) {\n              domain.exit();\n              exited = true;\n            }\n          }\n          if (result === reaction.promise) {\n            reject(TypeError('Promise-chain cycle'));\n          } else if (then = isThenable(result)) {\n            then.call(result, resolve, reject);\n          } else resolve(result);\n          } else reject(value);\n        } catch (e) {\n          if (domain && !exited) domain.exit();\n          reject(e);\n        }\n      }\n    }; while (chain.length > i) run(chain[i++]); // variable length - can't use forEach\n    promise._c = [];\n    promise._n = false;\n    if (isReject && !promise._h) onUnhandled(promise);\n  });\n};\n\nvar onUnhandled = function (promise) {\n  task.call(global,

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function () {
  var value = promise._v;
  var unhandled = isUnhandled(promise);
  var result, handler,
  console;
  if (unhandled) {
    result = perform(function () {
      if (isNode) {
        process.emit('unhandledRejection', value, promise);
      } else if (handler = global.onunhandledrejection) {
        handler({ promise: promise, reason: value });
      } else if ((console = global.console) && console.error) {
        console.error('Unhandled promise rejection', value);
      }
    });
    // Browsers should not trigger
    `rejectionHandled` event if it was handled here, NodeJS - should
    promise._h = isNode || isUnhandled(promise)
    ? 2 : 1;
    promise._a = undefined;
    if (unhandled && result.e) throw result.v;
  };
  var isUnhandled =
  function (promise) {
    return promise._h !== 1 && (promise._a || promise._c).length === 0;
  };
  var
  onHandleUnhandled = function (promise) {
    task.call(global, function () {
      var handler;
      if (isNode) {
        process.emit('rejectionHandled', promise);
      } else if (handler = global.onrejectionhandled) {
        handler({
          promise: promise, reason: promise._v
        });
      };
    });
    var $reject = function (value) {
      var promise = this;
      (promise._d) return;
      promise._d = true;
      promise = promise._w || promise; // unwrap
      promise._v = value;
      promise._s = 2;
      if (!promise._a) promise._a = promise._c.slice();
      notify(promise, true);
    };
    var $resolve =
    function (value) {
      var promise = this;
      var then;
      if (promise._d) return;
      promise._d = true;
      promise =
      promise._w || promise; // unwrap
      try {
        if (promise === value) throw TypeError("Promise can't be resolved
        itself");
        if (then = isThenable(value)) {
          microtask(function () {
            var wrapper = { _w: promise, _d:
            false }; // wrap
            try {
              then.call(value, ctx($resolve, wrapper, 1), ctx($reject, wrapper, 1));
            } catch
            (e) {
              $reject.call(wrapper, e);
            }
          });
        } else {
          promise._v = value;
          promise._s = 1;
          notify(promise, false);
        }
      } catch (e) {
        $reject.call({ _w: promise, _d: false }, e); // wrap
      };
    };
    // constructor polyfill
    if (!USE_NATIVE) {
      // 25.4.3.1 Promise(executor)
      $Promise = function
      Promise(executor) {
        anInstance(this, $Promise, PROMISE, '_h');
        aFunction(executor);
        Internal.call(this);
        try {
          executor(ctx($resolve, this, 1), ctx($reject, this, 1));
        } catch (err) {
          $reject.call(this, err);
        }
      };
      // eslint-disable-next-line no-unused-vars
      Internal = function
      Promise(executor) {
        this._c = []; // <- awaiting reactions
        this._a = undefined; // <- checked in
        isUnhandled reactions
        this._s = 0; // <- state
        this._d = false; // <- done
        this._v = undefined;
        // <- value
        this._h = 0; // <- rejection state, 0 - default, 1 - handled, 2 - unhandled
        this._n = false;
        // <- notify
      };
      Internal.prototype = require('./_redefine-all')($Promise.prototype, {
        // 25.4.5.3
        Promise.prototype.then(onFulfilled, onRejected)
        then: function then(onFulfilled, onRejected) {
          var reaction
          = new PromiseCapability(speciesConstructor(this, $Promise));
          reaction.ok = typeof onFulfilled === 'function' ?
          onFulfilled : true;
          reaction.fail = typeof onRejected === 'function' && onRejected;
          reaction.domain =
          isNode ? process.domain : undefined;
          this._c.push(reaction);
          if (this._a) this._a.push(reaction);
          if
          (this._s) notify(this, false);
          return reaction.promise;
        },
        // 25.4.5.1
        Promise.prototype.catch(onRejected)
        'catch': function (onRejected) {
          return this.then(undefined,
          onRejected);
        }
      });
      OwnPromiseCapability = function () {
        var promise = new Internal();
        this.promise
        = promise;
        this.resolve = ctx($resolve, promise, 1);
        this.reject = ctx($reject, promise, 1);
      };
      new PromiseCapabilityModule.f = new PromiseCapability = function (C) {
        return C === $Promise || C ===
        Wrapper
        ? new OwnPromiseCapability(C)
        : new GenericPromiseCapability(C);
      };
    };
    $export($export.G + $export.W + $export.F * !USE_NATIVE, { Promise: $Promise });
    require('./_set-to-string-tag')($Promise, PROMISE);
    require('./_set-species')(PROMISE);
    Wrapper =
    require('./_core')[PROMISE];
    // statics
    $export($export.S + $export.F * !USE_NATIVE, PROMISE, {
      // 25.4.4.5 Promise.reject(r)
      reject: function reject(r) {
        var capability = new PromiseCapability(this);
        var
        $$reject = capability.reject;
        $$reject(r);
        return capability.promise;
      }
    });
    $export($export.S + $export.F *
    (LIBRARY || !USE_NATIVE), PROMISE, {
      // 25.4.4.6 Promise.resolve(x)
      resolve: function resolve(x) {
        return promiseResolve(LIBRARY && this === Wrapper ? $Promise : this, x);
      }
    });
    $export($export.S +
    $export.F * !(USE_NATIVE && require('./_iter-detect')(function (iter) {
      $Promise.all(iter)['catch'](empty);
    })),
    PROMISE, {
      // 25.4.4.1 Promise.all(iterable)
      all: function all(iterable) {
        var C = this;
        var capability =
        new PromiseCapability(C);
        var resolve = capability.resolve;
        var reject = capability.reject;
        var result =
        perform(function () {
          var values = [];
          var index = 0;
          var remaining = 1;
          forOf(iterable, false,

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iteratee(accumulator, value, index, collection);\n });\n return accumulator;\n}\n\nmodule.exports =
baseReduce;\n", "var arrayPush = require('./_arrayPush'),\n isFlattenable = require('./_isFlattenable');\n\n/**\n *
The base implementation of `_.flatten` with support for restricting flattening.\n *\n * @private\n * @param {Array}
array The array to flatten.\n * @param {number} depth The maximum recursion depth.\n * @param {boolean}
[predicate=isFlattenable] The function invoked per iteration.\n * @param {boolean} [isStrict] Restrict to values that
pass `predicate` checks.\n * @param {Array} [result=[]] The initial result value.\n * @returns {Array} Returns the
new flattened array.\n */\nfunction baseFlatten(array, depth, predicate, isStrict, result) {\n  var index = -1,\n  length = array.length;\n\n  predicate || (predicate = isFlattenable);\n  result || (result = []);\n\n  while (++index <
length) {\n    var value = array[index];\n    if (depth > 0 && predicate(value)) {\n      if (depth > 1) {\n        //
Recursively flatten arrays (susceptible to call stack limits).\n        baseFlatten(value, depth - 1, predicate, isStrict,
result);\n      } else {\n        arrayPush(result, value);\n      }\n    } else if (!isStrict) {\n      result[result.length] =
value;\n    }\n  }\n  return result;\n}\n\nmodule.exports = baseFlatten;\n", "var global = require('./_global');\nvar core
= require('./_core');\nvar hide = require('./_hide');\nvar redefine = require('./_redefine');\nvar ctx =
require('./_ctx');\nvar PROTOTYPE = 'prototype';\n\nvar $export = function (type, name, source) {\n  var
IS_FORCED = type & $export.F;\n  var IS_GLOBAL = type & $export.G;\n  var IS_STATIC = type &
$export.S;\n  var IS_PROTO = type & $export.P;\n  var IS_BIND = type & $export.B;\n  var target = IS_GLOBAL
? global : IS_STATIC ? global[name] || (global[name] = {}) : (global[name] || {})[PROTOTYPE];\n  var exports =
IS_GLOBAL ? core : core[name] || (core[name] = {});\n  var expProto = exports[PROTOTYPE] ||
(exports[PROTOTYPE] = {});\n  var key, own, out, exp;\n  if (IS_GLOBAL) source = name;\n  for (key in source)
{\n    // contains in native\n    own = !IS_FORCED && target && target[key] !== undefined;\n    // export native or
passed\n    out = (own ? target : source)[key];\n    // bind timers to global for call from export context\n    exp =
IS_BIND && own ? ctx(out, global) : IS_PROTO && typeof out == 'function' ? ctx(Function.call, out) : out;\n    //
extend global\n    if (target) redefine(target, key, out, type & $export.U);\n    // export\n    if (exports[key] !== out)
hide(exports, key, exp);\n    if (IS_PROTO && expProto[key] !== out) expProto[key] = out;\n  }\n};\n\n// global core =
core;\n// type bitmap\n$export.F = 1; // forced\n$export.G = 2; // global\n$export.S = 4; // static\n$export.P = 8;
// proto\n$export.B = 16; // bind\n$export.W = 32; // wrap\n$export.U = 64; // safe\n$export.R = 128; // real proto
method for `library`\nmodule.exports = $export;\n", "var ITERATOR = require('./_wks')('iterator');\nvar
SAFE_CLOSING = false;\n\ntry {\n  var riter = [7][ITERATOR]();\n  riter['return'] = function () {\n
SAFE_CLOSING = true; };\n  // eslint-disable-next-line no-throw-literal\n  Array.from(riter, function () { throw 2;
});\n} catch (e) { /* empty */ }\n\nmodule.exports = function (exec, skipClosing) {\n  if (!skipClosing &&
!SAFE_CLOSING) return false;\n  var safe = false;\n  try {\n    var arr = [7];\n    var iter = arr[ITERATOR]();\n    iter.next = function () { return { done: safe = true }; };\n    arr[ITERATOR] = function () { return iter; };\n    exec(arr);\n  } catch (e) { /* empty */ }\n  return safe;\n};\n", "var isObject = require('./_is-object');\nvar
setPrototypeOf = require('./_set-proto').set;\n\nmodule.exports = function (that, target, C) {\n  var S =
target.constructor;\n  var P;\n  if (S !== C && typeof S == 'function' && (P = S.prototype) !== C.prototype &&
isObject(P) && setPrototypeOf) {\n    setPrototypeOf(that, P);\n  }\n  return that;\n};\n", "var listCacheClear =
require('./_listCacheClear'),\n listCacheDelete = require('./_listCacheDelete'),\n listCacheGet =
require('./_listCacheGet'),\n listCacheHas = require('./_listCacheHas'),\n listCacheSet =
require('./_listCacheSet');\n\n/**\n * Creates an list cache object.\n *\n * @private\n * @constructor\n * @param
{Array} [entries] The key-value pairs to cache.\n */\nfunction ListCache(entries) {\n  var index = -1,\n  length =
entries == null ? 0 : entries.length;\n\n  this.clear();\n  while (++index < length) {\n    var entry = entries[index];\n    this.set(entry[0], entry[1]);\n  }\n}\n\n// Add methods to `ListCache`.\nListCache.prototype.clear =
listCacheClear;\nListCache.prototype['delete'] = listCacheDelete;\nListCache.prototype.get =
listCacheGet;\nListCache.prototype.has = listCacheHas;\nListCache.prototype.set =
listCacheSet;\n\nmodule.exports = ListCache;\n", "/* most Object methods by ES6 should accept primitives\nvar
$export = require('./_export');\nvar core = require('./_core');\nvar fails = require('./_fails');\n\nmodule.exports =
function (KEY, exec) {\n  var fn = (core.Object || {})[KEY] || Object[KEY];\n  var exp = {};\n  exp[KEY] =
exec(fn);\n  $export($export.S + $export.F * fails(function () { fn(1); })), 'Object', exp);\n};\n", "var getNative =

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require('./_getNative');\n\n/* Built-in method references that are verified to be native. */\nvar nativeCreate =
getNative(Object, 'create');\n\nmodule.exports = nativeCreate;\n", "var shared = require('./_shared')('keys');\nvar uid
= require('./_uid');\nmodule.exports = function (key) {\n  return shared[key] || (shared[key] = uid(key));\n};\n", "//
fallback for non-array-like ES3 and non-enumerable old V8 strings\nvar cof = require('./_cof');\n\n// eslint-disable-
next-line no-prototype-builtins\nmodule.exports = Object('z').propertyIsEnumerable(0) ? Object : function (it) {\n
return cof(it) === 'String' ? it.split("") : Object(it);\n};\n", "\"use strict\";\n\nvar _undefined =
require(\"./function/noop\"); // Support ES3 engines\n\nmodule.exports = function (val) {\n  return (val !==
_undefined) && (val !== null);\n};\n", "module.exports = function (module) {\n  if (!module.webpackPolyfill)
{\n    module.deprecate = function () {};\n    module.paths = [];\n    module.parent = undefined; // by default\n    if (!module.children) module.children = [];\n    Object.defineProperty(module, \"loaded\", {\n      enumerable:
true,\n      get: function () {\n        return module.l;\n      }\n    });\n    Object.defineProperty(module, \"id\",
{\n      enumerable: true,\n      get: function () {\n        return module.i;\n      }\n    });\n    module.webpackPolyfill =
1;\n  }\n  return module;\n};\n", "import mod from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref-
8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/ImddbHeader.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export * from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/ImddbHeader.vue?vue&type=style&index=0&lang=scss&\";\", \"var baseIsMatch =
require('./_baseIsMatch'),\n  getMatchData = require('./_getMatchData'),\n  matchesStrictComparable =
require('./_matchesStrictComparable');\n\n/**\n * The base implementation of `_.matches` which doesn't clone
`source`.\n * @private\n * @param {Object} source The object of property values to match.\n * @returns
{Function} Returns the new spec function.\n */\nfunction baseMatches(source) {\n  var matchData =
getMatchData(source);\n  if (matchData.length == 1 && matchData[0][2]) {\n    return
matchesStrictComparable(matchData[0][0], matchData[0][1]);\n  }\n  return function (object) {\n    return object ===
source || baseIsMatch(object, source, matchData);\n  };\n}\n\nmodule.exports = baseMatches;\n", "var castPath =
require('./_castPath'),\n  toKey = require('./_toKey');\n\n/**\n * The base implementation of `_.get` without support
for default values.\n * @private\n * @param {Object} object The object to query.\n * @param {Array|string}
path The path of the property to get.\n * @returns {*} Returns the resolved value.\n */\nfunction baseGet(object,
path) {\n  path = castPath(path, object);\n  var index = 0,\n      length = path.length;\n  while (object != null &&
index < length) {\n    object = object[toKey(path[index++])];\n  }\n  return (index && index == length) ? object :
undefined;\n}\n\nmodule.exports = baseGet;\n", "/*\n * A specialized version of `_.every` for arrays without
support for\n * iteratee shorthands.\n * @private\n * @param {Array} [array] The array to iterate over.\n *
@param {Function} predicate The function invoked per iteration.\n * @returns {boolean} Returns `true` if all
elements pass the predicate check,\n * else `false`.\n */\nfunction arrayEvery(array, predicate) {\n  var index = -1,\n
      length = array == null ? 0 : array.length;\n  while (++index < length) {\n    if (!predicate(array[index],
index, array)) {\n      return false;\n    }\n  }\n  return true;\n}\n\nmodule.exports = arrayEvery;\n", "/*\n * Checks if
`value` is classified as an `Array` object.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n *
@param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an array, else `false`.\n
* @example\n * _._isArray([1, 2, 3]);\n * // => true\n * _._isArray(document.body.children);\n * // => false\n
* _._isArray('abc');\n * // => false\n * _._isArray(_.noop);\n * // => false\n */\nvar isArray =
Array.isArray;\n\nmodule.exports = isArray;\n", "var assocIndexOf = require('./_assocIndexOf');\n\n/**\n * Sets the
list cache `key` to `value`.\n * @private\n * @name set\n * @memberOf ListCache\n * @param {string} key

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The key of the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the list cache
instance.\n *\nfunction listCacheSet(key, value) {\n  var data = this.__data__,\n      index = assocIndexOf(data,\n  key);\n\n  if (index < 0) {\n    ++this.size;\n    data.push([key, value]);\n  } else {\n    data[index][1] = value;\n  }\n  return this;\n}\n\nmodule.exports = listCacheSet;\n"}, // to indexed object, toObject with fallback for non-array-like
ES3 strings\nvar IObject = require('./_iobject');\nvar defined = require('./_defined');\nmodule.exports = function (it)
{\n  return IObject(defined(it));\n};\n", "var hasOwnProperty = {}.hasOwnProperty;\nmodule.exports = function (it,
key) {\n  return hasOwnProperty.call(it, key);\n};\n", "var assocIndexOf = require('./_assocIndexOf');\n\n/** Used
for built-in method references. */\nvar arrayProto = Array.prototype;\n\n/** Built-in value references. */\nvar splice
= arrayProto.splice;\n\n/**\n * Removes `key` and its value from the list cache.\n *\n * @private\n * @name
delete\n * @memberOf ListCache\n * @param {string} key The key of the value to remove.\n * @returns
{boolean} Returns `true` if the entry was removed, else `false`.\n *\nfunction listCacheDelete(key) {\n  var data =
this.__data__,\n      index = assocIndexOf(data, key);\n\n  if (index < 0) {\n    return false;\n  }\n  var lastIndex =
data.length - 1;\n  if (index == lastIndex) {\n    data.pop();\n  } else {\n    splice.call(data, index, 1);\n  }\n  --
this.size;\n  return true;\n}\n\nmodule.exports = listCacheDelete;\n", "var arrayMap = require('./_arrayMap'),\n  baseIteratee = require('./_baseIteratee'),\n  baseMap = require('./_baseMap'),\n  baseSortBy =
require('./_baseSortBy'),\n  baseUnary = require('./_baseUnary'),\n  compareMultiple =
require('./_compareMultiple'),\n  identity = require('./_identity');\n\n/**\n * The base implementation of `_.orderBy`
without param guards.\n *\n * @private\n * @param {Array|Object} collection The collection to iterate over.\n *
@param {Function[]|Object[]|string[]} iteratees The iteratees to sort by.\n * @param {string[]} orders The sort
orders of `iteratees`.\n * @returns {Array} Returns the new sorted array.\n *\nfunction baseOrderBy(collection,
iteratees, orders) {\n  var index = -1;\n  iteratees = arrayMap(iteratees.length ? iteratees : [identity],\n  baseUnary(baseIteratee));\n\n  var result = baseMap(collection, function(value, key, collection) {\n    var criteria =
arrayMap(iteratees, function(iteratee) {\n      return iteratee(value);\n    });\n    return { 'criteria': criteria, 'index':
++index, 'value': value }; \n  });\n\n  return baseSortBy(result, function(object, other) {\n    return
compareMultiple(object, other, orders);\n  });\n}\n\nmodule.exports = baseOrderBy;\n"}, // 7.1.1 ToPrimitive(input [,
PreferredType])\nvar isObject = require('./_is-object');\n// instead of the ES6 spec version, we didn't implement
@@toPrimitive case\n// and the second argument - flag - preferred type is a string\nmodule.exports = function (it, S)
{\n  if (!isObject(it)) return it;\n  var fn, val;\n  if (S && typeof (fn = it.toString) == 'function' && !isObject(val =
fn.call(it))) return val;\n  if (typeof (fn = it.valueOf) == 'function' && !isObject(val = fn.call(it))) return val;\n  if (!S
&& typeof (fn = it.toString) == 'function' && !isObject(val = fn.call(it))) return val;\n  throw TypeError("Can't
convert object to primitive value");\n};\n", "/*\n * A specialized version of `_.reduce` for arrays without support
for\n * iteratee shorthands.\n *\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param
{Function} iteratee The function invoked per iteration.\n * @param {*} [accumulator] The initial value.\n *
@param {boolean} [initAccum] Specify using the first element of `array` as\n * the initial value.\n * @returns {*}
Returns the accumulated value.\n *\nfunction arrayReduce(array, iteratee, accumulator, initAccum) {\n  var index =
-1,\n      length = array == null ? 0 : array.length;\n\n  if (initAccum && length) {\n    accumulator =
array[++index];\n  }\n  while (++index < length) {\n    accumulator = iteratee(accumulator, array[index], index,\n  array);\n  }\n  return accumulator;\n}\n\nmodule.exports = arrayReduce;\n"}, "use
strict";\nrequire('./es6.regexp.flags');\nvar anObject = require('./_an-object');\nvar $flags = require('./_flags');\nvar
DESCRIPTORS = require('./_descriptors');\nvar TO_STRING = 'toString';\nvar $toString =
./[TO_STRING];\n\nvar define = function (fn) {\n  require('./_redefine')(RegExp.prototype, TO_STRING, fn,\n  true);\n};\n\n// 21.2.5.14 RegExp.prototype.toString()\nif (require('./_fails')(function () { return $toString.call({
source: 'a', flags: 'b' }) != '/a/b/; })) {\n  define(function toString() {\n    var R = anObject(this);\n    return
'/'.concat(R.source, '/',\n    'flags' in R ? R.flags : !DESCRIPTORS && R instanceof RegExp ? $flags.call(R) :
undefined);\n  });\n\n// FF44- RegExp#toString has a wrong name\n} else if ($toString.name != TO_STRING) {\n  define(function toString() {\n    return $toString.call(this);\n  });\n}\n", "use strict";\nObject.defineProperty(exports,
'__esModule', { value: true });\nvar prefix = 'fab';\nvar iconName = 'twitter';\nvar width = 512;\nvar height =
512;\nvar ligatures = [];\nvar unicode = 'f099';\nvar svgPathData = 'M459.37 151.716c.325 4.548.325 9.097.325

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13.645 0 138.72-105.583 298.558-298.558 298.558-59.452 0-114.68-17.219-161.137-47.106 8.447.974 16.568  
1.299 25.34 1.299 49.055 0 94.213-16.568 130.274-44.832-46.132-975-84.792-31.188-98.112-72.772 6.498.974  
12.995 1.624 19.818 1.624 9.421 0 18.843-1.3 27.614-3.573-48.081-9.747-84.143-51.98-84.143-102.985v-  
1.299c13.969 7.797 30.214 12.67 47.431 13.319-28.264-18.843-46.781-51.005-46.781-87.391 0-19.492 5.197-  
37.36 14.294-52.954 51.655 63.675 129.3 105.258 216.365 109.807-1.624-7.797-2.599-15.918-2.599-24.04 0-  
57.828 46.782-104.934 104.934-104.934 30.213 0 57.502 12.67 76.67 33.137 23.715-4.548 46.456-13.32 66.599-  
25.34-7.798 24.366-24.366 44.833-46.132 57.827 21.117-2.273 41.584-8.122 60.426-16.243-14.292 20.791-32.161  
39.308-52.628 54.253z';\n\nexports.definition = {\n prefix: prefix,\n iconName: iconName,\n icon: [\n width,\n height,\n ligatures,\n unicode,\n svgPathData\n ]};\n\nexports.faTwitter = exports.definition;\nexports.prefix =\n prefix;\nexports.iconName = iconName;\nexports.width = width;\nexports.height = height;\nexports.ligatures =\n ligatures;\nexports.unicode = unicode;\nexports.svgPathData = svgPathData;","var arrayEach =\n require('./\_arrayEach'),\n baseEach = require('./\_baseEach'),\n castFunction = require('./\_castFunction'),\n isArray = require('./isArray');\n\n\n/\*\*\n \* Iterates over elements of `collection` and invokes `iteratee` for each\n \* element.\n \* The iteratee is invoked with three arguments: (value, index|key, collection).\n \* Iteratee functions may\n \* exit iteration early by explicitly returning `false`.\n \* \*\n \* Note: As with other "Collections" methods, objects\n \* with a "length" property are iterated like arrays. To avoid this behavior use\n \* `\_forIn` or `\_forOwn` for\n \* object iteration.\n \* \*\n \* @static\n \* @memberOf \_\n \* @since 0.1.0\n \* @alias each\n \* @category Collection\n \* @param {Array|Object} collection The collection to iterate over.\n \* @param {Function} [iteratee=\_identity] The\n \* function invoked per iteration.\n \* @returns {Array|Object} Returns `collection`.\n \* @see \_forEachRight\n \* @example\n \* \_forEach([1, 2], function(value) {\n \* console.log(value);\n \* });\n \* // => Logs `1` then `2`.\n \* \_forEach({'a': 1, 'b': 2}, function(value, key) {\n \* console.log(key);\n \* });\n \* // => Logs 'a' then 'b'\n \* (iteration order is not guaranteed).\n \* \n \*/\nfunction forEach(collection, iteratee) {\n var func = isArray(collection) ?\n arrayEach : baseEach;\n return func(collection, castFunction(iteratee));\n}\n\nmodule.exports = forEach;\n","import\n mod from "-!../node\_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node\_modules/css-\n loader/index.js??ref--8-oneOf-1-1!../node\_modules/vue-\n loader/lib/loaders/stylePostLoader.js!../node\_modules/postcss-loader/src/index.js??ref--8-oneOf-1-\n 2!../node\_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node\_modules/cache-loader/dist/cjs.js??ref--0-\n 0!../node\_modules/vue-loader/lib/index.js??vue-loader-\n options!./DonateForm.vue?vue&type=style&index=0&lang=scss&"; export default mod; export \* from "-\n !../node\_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node\_modules/css-\n loader/index.js??ref--8-oneOf-1-1!../node\_modules/vue-\n loader/lib/loaders/stylePostLoader.js!../node\_modules/postcss-loader/src/index.js??ref--8-oneOf-1-\n 2!../node\_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node\_modules/cache-loader/dist/cjs.js??ref--0-\n 0!../node\_modules/vue-loader/lib/index.js??vue-loader-\n options!./DonateForm.vue?vue&type=style&index=0&lang=scss&","var baseTimes = require('./\_baseTimes'),\n isArguments = require('./isArguments'),\n isArray = require('./isArray'),\n isBuffer = require('./isBuffer'),\n isIndex = require('./isIndex'),\n isTypedArray = require('./isTypedArray');\n\n\n/\*\*\n \* Used for built-in method\n \* references. \*\n \* var objectProto = Object.prototype;\n \* \*\n \* Used to check objects for own properties. \*\n \* var\n \* hasOwnProperty = objectProto.hasOwnProperty;\n \* \*\n \* Creates an array of the enumerable property names of\n \* the array-like `value`.\n \* \*\n \* @private\n \* @param {\*} value The value to query.\n \* @param {boolean} inherited Specify returning inherited property names.\n \* @returns {Array} Returns the array of property names.\n \* \*\n \* function arrayLikeKeys(value, inherited) {\n \* var isArr = isArray(value),\n \* isArg = !isArr &&\n \* isArguments(value),\n \* isBuff = !isArr && !isArg && isBuffer(value),\n \* isType = !isArr && !isArg &&\n \* !isBuff && isTypedArray(value),\n \* skipIndexes = isArr || isArg || isBuff || isType,\n \* result = skipIndexes ?\n \* baseTimes(value.length, String) : [],\n \* length = result.length;\n \* for (var key in value) {\n \* if ((inherited ||\n \* hasOwnProperty.call(value, key)) &&\n \* !(skipIndexes && (\n \* // Safari 9 has enumerable\n \* `arguments.length` in strict mode.\n \* key == 'length' ||\n \* // Node.js 0.10 has enumerable non-index\n \* properties on buffers.\n \* (isBuff && (key == 'offset' || key == 'parent')) ||\n \* // PhantomJS 2 has

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enumerable non-index properties on typed arrays.\n      (isType && (key === 'buffer' || key === 'byteLength' || key
=== 'byteOffset')) ||\n      // Skip index properties.\n      isIndex(key, length)\n    )) {\n      result.push(key);\n    }\n  }\n  return result;\n}\n\nmodule.exports = arrayLikeKeys;\n", "var createBaseFor =
require('./_createBaseFor');\n\n/**\n * The base implementation of `baseForOwn` which iterates over `object`\n *
properties returned by `keysFunc` and invokes `iteratee` for each property.\n * Iteratee functions may exit iteration
early by explicitly returning `false`.\n * @private\n * @param {Object} object The object to iterate over.\n *
@param {Function} iteratee The function invoked per iteration.\n * @param {Function} keysFunc The function to
get the keys of `object`.\n * @returns {Object} Returns `object`.\n */\nvar baseFor =
createBaseFor();\n\nmodule.exports = baseFor;\n", "/*\n * Creates a function that returns `value`.\n * @static\n *
@memberOf _\n * @since 2.4.0\n * @category Util\n * @param {*} value The value to return from the new
function.\n * @returns {Function} Returns the new constant function.\n * @example\n *\n * var objects =
_.times(2, _constant({ 'a': 1 }));\n *\n * console.log(objects);\n * // => [{ 'a': 1 }, { 'a': 1 }]\n *\n *
console.log(objects[0] === objects[1]);\n * // => true\n *\n * function constant(value) {\n *   return function() {\n
return value;\n *   };\n * }\n *\n * module.exports = constant;\n", "use strict";\n\n19.1.2.1 Object.assign(target, source, ...)\n\n
getKeys = require('./_object-keys');\n\nvar gOPS = require('./_object-gops');\n\nvar pIE = require('./_object-pie');\n\n
var toObject = require('./_to-object');\n\nvar IObject = require('./_iobject');\n\nvar $assign = Object.assign;\n\n// should
work with symbols and should have deterministic property order (V8 bug)\n\nmodule.exports = !$assign ||
require('./_fails')(function () {\n  var A = {};\n  var B = {};\n  // eslint-disable-next-line no-undef\n  var S =
Symbol();\n  var K = 'abcdefghijklmnopqrst';\n  A[S] = 7;\n  K.split('').forEach(function (k) { B[k] = k; });\n  return
$assign({}, A)[S] !== 7 || Object.keys($assign({}, B)).join("") !== K;\n}) ? function assign(target, source) { // eslint-
disable-line no-unused-vars\n  var T = toObject(target);\n  var aLen = arguments.length;\n  var index = 1;\n  var
getSymbols = gOPS.f;\n  var isEnum = pIE.f;\n  while (aLen > index) {\n    var S = IObject(arguments[index++]);\n    var
keys = getSymbols ? getKeys(S).concat(getSymbols(S)) : getKeys(S);\n    var length = keys.length;\n    var j =
0;\n    var key;\n    while (length > j) if (isEnum.call(S, key = keys[j++])) T[key] = S[key];\n  }\n  return T;\n} :
$assign;\n", "use strict";\n\nvar isValue = require("../is-value");\n\nvar keys = Object.keys;\n\nmodule.exports =
function (object) {\n  return keys(isValue(object) ? Object(object) : object);\n};\n", "var baseIsTypedArray =
require('./_baseIsTypedArray'),\n  baseUnary = require('./_baseUnary'),\n  nodeUtil = require('./_nodeUtil');\n\n// Node.js
helper references. *\nvar nodeIsTypedArray = nodeUtil && nodeUtil.isTypedArray;\n\n/**\n * Checks if
`value` is classified as a typed array.\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Lang\n *
@param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else
`false`.\n * @example\n *\n * _isTypedArray(new Uint8Array);\n * // => true\n *\n * _isTypedArray([]);\n * // =>
false\n *\n * var\n  baseIsTypedArray;\n\nmodule.exports = isTypedArray;\n", "import mod from \"-!../node_modules/mini-css-
extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&\"; export default mod; export * from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&\"; var\n  baseGetTag = require('./_baseGetTag'),\n  isLength = require('./isLength'),\n  isObjectLike =
require('./isObjectLike');\n\n// Object#toString result references. *\nvar argsTag = '[object Arguments]',\n  arrayTag = '[object Array]',\n  boolTag = '[object Boolean]',\n  dateTag = '[object Date]',\n  errorTag = '[object Error]',\n  funcTag = '[object Function]',\n  mapTag = '[object Map]',\n  numberTag = '[object Number]',\n
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objectTag = '[object Object]',\n  regexpTag = '[object RegExp]',\n  setTag = '[object Set]',\n  stringTag = '[object
String]',\n  weakMapTag = '[object WeakMap]';\n\nvar arrayBufferTag = '[object ArrayBuffer]',\n  dataViewTag
= '[object DataView]',\n  float32Tag = '[object Float32Array]',\n  float64Tag = '[object Float64Array]',\n
int8Tag = '[object Int8Array]',\n  int16Tag = '[object Int16Array]',\n  int32Tag = '[object Int32Array]',\n
uint8Tag = '[object Uint8Array]',\n  uint8ClampedTag = '[object Uint8ClampedArray]',\n  uint16Tag = '[object
Uint16Array]',\n  uint32Tag = '[object Uint32Array]';\n\n/** Used to identify `toStringTag` values of typed arrays.
*\nvar typedArrayTags = {};\ntypedArrayTags[float32Tag] = typedArrayTags[float64Tag]
=\ntypedArrayTags[int8Tag] = typedArrayTags[int16Tag] =\ntypedArrayTags[int32Tag] =
typedArrayTags[uint8Tag] =\ntypedArrayTags[uint8ClampedTag] = typedArrayTags[uint16Tag]
=\ntypedArrayTags[uint32Tag] = true;\ntypedArrayTags[argsTag] = typedArrayTags[arrayTag]
=\ntypedArrayTags[arrayBufferTag] = typedArrayTags[boolTag] =\ntypedArrayTags[dataViewTag] =
typedArrayTags[dateTag] =\ntypedArrayTags[errorTag] = typedArrayTags[funcTag] =\ntypedArrayTags[mapTag]
= typedArrayTags[numberTag] =\ntypedArrayTags[objectTag] = typedArrayTags[regexpTag]
=\ntypedArrayTags[setTag] = typedArrayTags[stringTag] =\ntypedArrayTags[weakMapTag] = false;\n\n/**\n *
The base implementation of `_.isArray` without Node.js optimizations.\n * \n * @private\n * @param {*}
value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else `false`.\n
*\nfunction baseIsTypedArray(value) {\n  return isObjectLike(value) &&\n    isArrayLike(value) &&\n
!!typedArrayTags[baseGetTag(value)];\n}\n\nmodule.exports = baseIsTypedArray;\n\n", "var baseToString =
require('./_baseToString');\n\n/**\n * Converts `value` to a string. An empty string is returned for `null` and
`undefined` values. The sign of `-0` is preserved.\n * \n * @static\n * @memberOf _\n * @since 4.0.0\n
*\n * @category Lang\n * @param {*} value The value to convert.\n * @returns {string} Returns the converted string.\n
*\n * @example\n * __.toString(null);\n * // => ""\n * __.toString(-0);\n * // => "-0"\n * __.toString([1, 2, 3]);\n
*\n * // => "1,2,3"\n */\nfunction toString(value) {\n  return value == null ? '' : baseToString(value);\n}\n\nmodule.exports
= toString;\n\n", "https://github.com/zloirock/core-js/issues/86#issuecomment-115759028\n\nvar global =
module.exports = typeof window != 'undefined' && window.Math == Math\n  ? window : typeof self != 'undefined'
&& self.Math == Math\n  ? self\n  // eslint-disable-next-line no-new-func\n  : Function('return this')();\n\nif (typeof __g
== 'number') __g = global; // eslint-disable-line no-undef\n\n", "var toInteger = require('./_to-integer');\n\nvar max =
Math.max;\n\nvar min = Math.min;\n\nmodule.exports = function (index, length) {\n  index = toInteger(index);\n
return\n  index < 0 ? max(index + length, 0) : min(index, length);\n};\n\n", "A specialized version of `_.map` for arrays
without support for iteratee shorthands.\n * \n * @private\n * @param {Array} [array] The array to iterate
over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns the new
mapped array.\n */\nfunction arrayMap(array, iteratee) {\n  var index = -1,\n      length = array == null ? 0 :
array.length,\n      result = Array(length);\n\n  while (++index < length) {\n    result[index] = iteratee(array[index],
index, array);\n  }\n  return result;\n}\n\nmodule.exports = arrayMap;\n\n", "var getNative = require('./_getNative'),\n
root = require('./_root');\n\n/** Built-in method references that are verified to be native. *\n\nvar Map =
getNative(root, 'Map');\n\nmodule.exports = Map;\n\n", "module.exports = function (exec) {\n  try {\n    return
!!exec();\n  } catch (e) {\n    return true;\n  }\n};\n\n", "var nativeCreate = require('./_nativeCreate');\n\n/** Used for
built-in method references. *\n\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties.
*\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Checks if a hash value for `key` exists.\n * \n *
@private\n * @name has\n * @memberOf Hash\n * @param {string} key The key of the entry to check.\n *
@returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction hashHas(key) {\n  var data
= this.__data__;\n  return nativeCreate ? (data[key] !== undefined) : hasOwnProperty.call(data, key);\n}\n\nmodule.exports
= hashHas;\n\n", "(function (global, factory) {\n  (typeof exports === 'object' && typeof\n  module !== 'undefined' ? factory(exports, require('@fortawesome/fontawesome')) : (typeof define === 'function'
&& define.amd ? define(['exports', '@fortawesome/fontawesome'], factory) : (factory((global['vue-fontawesome']
= {}), global.FontAwesome)));\n})(this, (function (exports, fontawesome) {\n  'use strict';\n\n  fontawesome &&
fontawesome.hasOwnProperty('default') ? fontawesome['default'] : fontawesome;\n\n  var\n  commonjsGlobal = typeof window !== 'undefined' ? window : typeof global !== 'undefined' ? global : typeof self

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!:= 'undefined' ? self : { };\n\n\n\n\nfunction createCommonjsModule(fn, module) {\n\nreturn module = { exports:
{ } }, fn(module, module.exports), module.exports;\n}\n\nvar humps = createCommonjsModule(function (module)
{\n\n// =====\n\n = humps =\n\n =====\n\n// Underscore-to-camelCase converter (and vice versa)\n\n// for
strings and object keys\n\n// humps is copyright © 2012+ Dom Christie\n\n// Released under the MIT
license.\n\n\n(function(global) {\n\n var _processKeys = function(convert, obj, options) {\n if(!_isObject(obj) ||
_isDate(obj) || _isRegExp(obj) || _isBoolean(obj) || _isFunction(obj)) {\n return obj;\n }\n\n var output,\n
i = 0,\n l = 0;\n\n if(_isArray(obj)) {\n output = [];\n for(l=obj.length; i<l; i++) {\n
output.push(_processKeys(convert, obj[i], options));\n }\n }\n\n else {\n output = {};\n for(var key in
obj) {\n if(Object.prototype.hasOwnProperty.call(obj, key)) {\n output[convert(key, options)] =
_processKeys(convert, obj[key], options);\n }\n }\n }\n\n return output;\n};\n\n\n // String conversion
methods\n\n var separateWords = function(string, options) {\n options = options || {};\n var separator =
options.separator || '_';\n var split = options.split || /(?[A-Z])/;\n\n return string.split(split).join(separator);\n
};\n\n var camelize = function(string) {\n if(!_isNumerical(string)) {\n return string;\n }\n string =
string.replace(/[\_-\s]+(?:)?/g, function(match, chr) {\n return chr ? chr.toUpperCase() : '';\n });\n // Ensure 1st
char is always lowercase\n return string.substr(0, 1).toLowerCase() + string.substr(1);\n });\n\n var pascalize =
function(string) {\n var camelized = camelize(string);\n // Ensure 1st char is always uppercase\n return
camelized.substr(0, 1).toUpperCase() + camelized.substr(1);\n};\n\n var decamelize = function(string, options) {\n
return separateWords(string, options).toLowerCase();\n};\n\n\n // Utilities\n // Taken from Underscore.js\n\n var
toString = Object.prototype.toString;\n\n var _isFunction = function(obj) {\n return typeof(obj) === 'function';\n
};\n\n var _isObject = function(obj) {\n return obj === Object(obj);\n};\n\n var _isArray = function(obj) {\n
return toString.call(obj) === '[object Array]';\n};\n\n var _isDate = function(obj) {\n return toString.call(obj) ===
'[object Date]';\n};\n\n var _isRegExp = function(obj) {\n return toString.call(obj) === '[object RegExp]';\n};\n\n
var _isBoolean = function(obj) {\n return toString.call(obj) === '[object Boolean]';\n};\n\n\n // Performant way to
determine if obj coerces to a number\n var _isNumerical = function(obj) {\n obj = obj - 0;\n return obj ===
obj;\n};\n\n\n // Sets up function which handles processing keys\n // allowing the convert function to be modified by
a callback\n var _processor = function(convert, options) {\n var callback = options && 'process' in options ?
options.process : options;\n\n if(typeof(callback) !== 'function') {\n return convert;\n }\n\n\n return
function(string, options) {\n return callback(string, convert, options);\n }\n};\n\n\n var humps = {\n camelize:
camelize,\n decamelize: decamelize,\n pascalize: pascalize,\n depascalize: decamelize,\n camelizeKeys:
function(object, options) {\n return _processKeys(_processor(camelize, options), object);\n },\n
decamelizeKeys: function(object, options) {\n return _processKeys(_processor(decamelize, options), object,
options);\n },\n pascalizeKeys: function(object, options) {\n return _processKeys(_processor(pascalize,
options), object);\n },\n depascalizeKeys: function () {\n return this.decamelizeKeys.apply(this, arguments);\n
}\n};\n\n\n if(typeof undefined === 'function' && undefined.amd) {\n undefined(humps);\n } else if ('object'
!:= 'undefined' && module.exports) {\n module.exports = humps;\n } else {\n global.humps = humps;\n
}\n\n\n})(commonjsGlobal);\n\n\n\nvar _typeof = typeof Symbol === \"function\" && typeof Symbol.iterator ===
\"symbol\" ? function (obj) {\n return typeof obj;\n} : function (obj) {\n return obj && typeof Symbol ===
\"function\" && obj.constructor === Symbol && obj !== Symbol.prototype ? \"symbol\" : typeof
obj;\n};\n\n\n\n\n\n\n\nvar asyncGenerator = function () {\n function AwaitValue(value) {\n this.value = value;\n
}\n\n\n function AsyncGenerator(gen) {\n var front, back;\n\n function send(key, arg) {\n return new
Promise(function (resolve, reject) {\n var request = {\n key: key,\n arg: arg,\n resolve:
resolve,\n reject: reject,\n next: null\n }; \n\n if (back) {\n back = back.next = request;\n
} else {\n front = back = request;\n resume(key, arg);\n }\n });\n }\n\n\n function resume(key,
arg) {\n try {\n var result = gen[key](arg);\n var value = result.value;\n\n if (value instanceof
AwaitValue) {\n Promise.resolve(value.value).then(function (arg) {\n resume(\"next\", arg);\n },
function (arg) {\n resume(\"throw\", arg);\n });\n } else {\n settle(result.done ? \"return\" :
\"normal\", result.value);\n }\n } catch (err) {\n settle(\"throw\", err);\n }\n }\n\n\n function
settle(type, value) {\n switch (type) {\n case \"return\":\n front.resolve({\n value: value,\n

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done: true\n      });\n      break;\n\n      case \"throw\":\n        front.reject(value);\n        break;\n\n      default:\n        front.resolve({\n          value: value,\n          done: false\n        });\n        break;\n    }\n\n    front = front.next;\n    if (front) {\n      resume(front.key, front.arg);\n    } else {\n      back = null;\n    }\n\n    this._invoke = send;\n    if (typeof gen.return !== \"function\") {\n      this.return = undefined;\n    }\n\n    if (typeof Symbol === \"function\" && Symbol.asyncIterator) {\n      AsyncGenerator.prototype[Symbol.asyncIterator] = function () {\n        return this;\n      };\n\n      AsyncGenerator.prototype.next = function (arg) {\n        return this._invoke(\"next\", arg);\n      };\n\n      AsyncGenerator.prototype.throw = function (arg) {\n        return this._invoke(\"throw\", arg);\n      };\n\n      AsyncGenerator.prototype.return = function (arg) {\n        return this._invoke(\"return\", arg);\n      };\n\n      return {\n        wrap: function (fn) {\n          return function () {\n            return new AsyncGenerator(fn.apply(this, arguments));\n          };\n        },\n        await: function (value) {\n          return new AwaitValue(value);\n        }\n      };\n    };\n\n    nvar defineProperty = function (obj, key, value) {\n      if (key in obj) {\n        Object.defineProperty(obj, key, {\n          value: value,\n          enumerable: true,\n          configurable: true,\n          writable: true\n        });\n      } else {\n        obj[key] = value;\n      }\n      return obj;\n    };\n\n    nvar _extends = Object.assign || function (target) {\n      for (var i = 1; i < arguments.length; i++) {\n        var source = arguments[i];\n\n        for (var key in source) {\n          if (Object.prototype.hasOwnProperty.call(source, key)) {\n            target[key] = source[key];\n          }\n        }\n\n        return target;\n      };\n\n    };\n\n    nvar objectWithoutProperties = function (obj, keys) {\n      var target = {};\n      for (var i in obj) {\n        if (keys.indexOf(i) >= 0) continue;\n        if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n        target[i] = obj[i];\n      }\n      return target;\n    };\n\n    nvar toConsumableArray = function (arr) {\n      if (Array.isArray(arr)) {\n        for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];\n        return arr2;\n      } else {\n        return Array.from(arr);\n      }\n    };\n\n    nfunction styleToObject(style) {\n      return style.split(';').map(function (s) {\n        return s.trim();\n      }).filter(function (s) {\n        return s;\n      }).reduce(function (acc, pair) {\n        var i = pair.indexOf(':');\n        var prop = humps.camelize(pair.slice(0, i));\n        var value = pair.slice(i + 1).trim();\n\n        acc[prop] = value;\n        return acc;\n      }, {});\n    };\n\n    nfunction classToObject(cls) {\n      return cls.split(/\\s+/.).reduce(function (acc, c) {\n        acc[c] = true;\n        return acc;\n      }, {});\n    };\n\n    nfunction combineClassObjects() {\n      for (var _len = arguments.length, objs = Array(_len), _key = 0; _key < _len; _key++) {\n        objs[_key] = arguments[_key];\n      }\n      return objs.reduce(function (acc, obj) {\n        if (Array.isArray(obj)) {\n          acc = acc.concat(obj);\n        } else {\n          acc.push(obj);\n        }\n        return acc;\n      }, []);\n    };\n\n    nfunction convert(h, element) {\n      var props = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : {};\n      var data = arguments.length > 3 && arguments[3] !== undefined ? arguments[3] : {};\n      var children = (element.children || []).map(convert.bind(null, h));\n      var mixins = Object.keys(element.attributes || {}).reduce(function (acc, key) {\n        var val = element.attributes[key];\n        switch (key) {\n          case 'class':\n            acc['class'] = classToObject(val);\n            break;\n          case 'style':\n            acc['style'] = styleToObject(val);\n            break;\n          default:\n            acc.attrs[key] = val;\n        }\n        return acc;\n      }, { 'class': {}, style: {}, attrs: {} });\n      var _data$class = data.class,\n          dClass = _data$class === undefined ? {} : _data$class,\n          _data$style = data.style,\n          dStyle = _data$style === undefined ? {} : _data$style,\n          _data$attrs = data.attrs,\n          dAttrs = _data$attrs === undefined ? {} : _data$attrs,\n          remainingData = objectWithoutProperties(data, ['class', 'style', 'attrs']);\n      if (typeof element === 'string') {\n        return element;\n      } else {\n        return h(element.tag, _extends({\n          class: combineClassObjects(mixins.class, dClass),\n          style: _extends({}, mixins.style, dStyle),\n          attrs: _extends({}, mixins.attrs, dAttrs)\n        }, remainingData, {\n          props: props\n        }, children);\n      }\n    };\n\n    nvar PRODUCTION = false;\n    ntry {\n      PRODUCTION = process.env.NODE_ENV === 'production';\n    } catch (e) {};\n\n    nvar log = function () {\n      if (!PRODUCTION && console && typeof console.error === 'function') {\n        var _console;\n        (_console = console).error.apply(_console, arguments);\n      }\n    };\n\n    nfunction objectWithKey(key, value) {\n      return Array.isArray(value) && value.length > 0 || !Array.isArray(value) && value ? defineProperty({}, key, value) : {};\n    };\n\n    nfunction classList(props) {\n      var _classes;\n      var classes = (_classes = {\n        'fa-spin': props.spin,\n        'fa-pulse': props.pulse,\n        'fa-fw': props.fixedWidth,\n        'fa-border': props.border,\n        'fa-li': props.listItem,\n        'fa-flip-horizontal': props.flip === 'horizontal' || props.flip === 'both',\n        'fa-flip-vertical': props.flip === 'vertical' ||

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props.flip === 'both'\n }, defineProperty(_classes, 'fa-' + props.size, props.size !== null), defineProperty(_classes,
'fa-rotate-' + props.rotation, props.rotation !== null), defineProperty(_classes, 'fa-pull-' + props.pull, props.pull !==
null), _classes);\n\n return Object.keys(classes).map(function (key) {\n return classes[key] ? key : null;\n
}).filter(function (key) {\n return key;\n });\n\n\nfunction addStaticClass(to, what) {\n var val = (to || '').length
=== 0 ? [] : [to];\n\n return val.concat(what).join(' ');}\n\n\nfunction normalizeIconArgs(icon) {\n if (icon ===
null) {\n return null;\n }\n\n if ((typeof icon === 'undefined' ? 'undefined' : _typeof(icon)) === 'object' &&
icon.prefix && icon.iconName) {\n return icon;\n }\n\n if (Array.isArray(icon) && icon.length === 2) {\n
return { prefix: icon[0], iconName: icon[1] };\n }\n\n if (typeof icon === 'string') {\n return { prefix: 'fas',
iconName: icon };\n }\n}\n\n\nvar FontAwesomeIcon$1 = {\n name: 'FontAwesomeIcon',\n\n functional: true,\n\n\n props: {\n border: {\n type: Boolean,\n default: false\n },\n fixedWidth: {\n type: Boolean,\n
default: false\n },\n flip: {\n type: String,\n default: null,\n validator: function validator(value) {\n
return ['horizontal', 'vertical', 'both'].indexOf(value) > -1;\n }\n },\n icon: {\n type: [Object, Array,
String],\n required: true\n },\n mask: {\n type: [Object, Array, String],\n default: null\n },\n listItem:
{\n type: Boolean,\n default: false\n },\n pull: {\n type: String,\n default: null,\n validator:
function validator(value) {\n return ['right', 'left'].indexOf(value) > -1;\n }\n },\n pulse: {\n type:
Boolean,\n default: false\n },\n rotation: {\n type: Number,\n default: null,\n validator: function
validator(value) {\n return [90, 180, 270].indexOf(value) > -1;\n }\n },\n size: {\n type: String,\n
default: null,\n validator: function validator(value) {\n return ['lg', 'xs', 'sm', '1x', '2x', '3x', '4x', '5x', '6x', '7x',
'8x', '9x', '10x'].indexOf(value) > -1;\n }\n },\n spin: {\n type: Boolean,\n default: false\n },\n
transform: {\n type: [String, Object],\n default: null\n },\n symbol: {\n type: [Boolean, String],\n
default: false\n }\n },\n\n render: function render(createElement, context) {\n var props = context.props;\n var
iconArgs = props.icon,\n maskArgs = props.mask,\n symbol = props.symbol;\n\n var icon =
normalizeIconArgs(iconArgs);\n var classes = objectWithKey('classes', classList(props));\n var transform =
objectWithKey('transform', typeof props.transform === 'string' ? fontawesome.parse.transform(props.transform) :
props.transform);\n var mask = objectWithKey('mask', normalizeIconArgs(maskArgs));\n var renderedIcon =
fontawesome.icon(icon, _extends({}, classes, transform, mask, { symbol: symbol }));\n\n if (!renderedIcon) {\n
return log('Check not find one or more icon(s)', icon, mask);\n }\n\n var abstract = renderedIcon.abstract;\n\n
var convertCurry = convert.bind(null, createElement);\n\n return convertCurry(abstract[0], {}, context.data);\n
}\n}\n\n\nvar FontAwesomeLayers = {\n name: 'FontAwesomeLayers',\n\n functional: true,\n\n\n props: {\n
fixedWidth: {\n type: Boolean,\n default: false\n }\n },\n\n\n render: function render(createElement, context)
{\n var familyPrefix = fontawesome.config.familyPrefix;\n var staticClass = context.data.staticClass;\n\n\n var
classes = [familyPrefix + '-layers'].concat(toConsumableArray(context.props.fixedWidth ? [familyPrefix + '-fw'] :
[]));\n\n return createElement('div', _extends({}, context.data, {\n staticClass: addStaticClass(staticClass,
classes)\n })), context.children);\n }\n}\n\n\nvar FontAwesomeLayersText = {\n name:
'FontAwesomeLayersText',\n\n functional: true,\n\n\n props: {\n value: {\n type: String,\n default: ""\n },\n
transform: {\n type: [String, Object],\n default: null\n }\n },\n\n\n render: function render(createElement,
context) {\n var props = context.props;\n\n var transform = objectWithKey('transform', typeof props.transform
=== 'string' ? fontawesome.parse.transform(props.transform) : props.transform);\n\n var renderedText =
fontawesome.text(props.value, _extends({}, transform));\n var abstract = renderedText.abstract;\n\n\n var
convertCurry = convert.bind(null, createElement);\n\n return convertCurry(abstract[0], {}, context.data);\n
}\n}\n\n\nfontawesome.noAuto();\n\n\nexports['default'] = FontAwesomeIcon$1;\n\nexports.FontAwesomeIcon =
FontAwesomeIcon$1;\n\nexports.FontAwesomeLayers = FontAwesomeLayers;\n\nexports.FontAwesomeLayersText =
FontAwesomeLayersText;\n\n\nObject.defineProperty(exports, '__esModule', { value: true });\n\n\n\n});\n\n\n","use
strict";\n\nvar global = require('./_global');\n\nvar dp = require('./_object-dp');\n\nvar DESCRIPTORS =
require('./_descriptors');\n\nvar SPECIES = require('./_wks')('species');\n\n\nmodule.exports = function (KEY) {\n var
C = global[KEY];\n if (DESCRIPTORS && C && !C[SPECIES]) dp.f(C, SPECIES, {\n configurable: true,\n
get: function () { return this; }\n });\n\n};\n\n\n","var mapCacheClear = require('./_mapCacheClear'),\n
mapCacheDelete = require('./_mapCacheDelete'),\n mapCacheGet = require('./_mapCacheGet'),\n mapCacheHas

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= require('./_mapCacheHas'),\n  mapCacheSet = require('./_mapCacheSet');\n\n/**\n * Creates a map cache object
to store key-value pairs.\n *\n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to
cache.\n *\nfunction MapCache(entries) {\n  var index = -1,\n      length = entries == null ? 0 : entries.length;\n\n  this.clear();\n  while (++index < length) {\n    var entry = entries[index];\n    this.set(entry[0], entry[1]);\n  }\n}\n\n//
Add methods to `MapCache`.\nMapCache.prototype.clear = mapCacheClear;\nMapCache.prototype['delete'] =
mapCacheDelete;\nMapCache.prototype.get = mapCacheGet;\nMapCache.prototype.has =
mapCacheHas;\nMapCache.prototype.set = mapCacheSet;\n\nmodule.exports = MapCache;\n", "var Stack =
require('./_Stack'),\n  equalArrays = require('./_equalArrays'),\n  equalByTag = require('./_equalByTag'),\n
equalObjects = require('./_equalObjects'),\n  getTag = require('./_getTag'),\n  isArray = require('./isArray'),\n
isBuffer = require('./isBuffer'),\n  isTypedArray = require('./isTypedArray');\n\n/** Used to compose bitmasks for
value comparisons. *\nvar COMPARE_PARTIAL_FLAG = 1;\n\n/** `Object#toString` result references. *\nvar
argsTag = '[object Arguments]',\n  arrayTag = '[object Array]',\n  objectTag = '[object Object]';\n\n/** Used for
built-in method references. *\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties.
*\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * A specialized version of `baseIsEqual` for
arrays and objects which performs\n * deep comparisons and tracks traversed objects enabling objects with
circular\n * references to be compared.\n *\n * @private\n * @param {Object} object The object to compare.\n *
@param {Object} other The other object to compare.\n * @param {number} bitmask The bitmask flags. See
`baseIsEqual` for more details.\n * @param {Function} customizer The function to customize comparisons.\n *
@param {Function} equalFunc The function to determine equivalents of values.\n * @param {Object} [stack]
Tracks traversed `object` and `other` objects.\n * @returns {boolean} Returns `true` if the objects are equivalent,
else `false`.\n *\nfunction baseIsEqualDeep(object, other, bitmask, customizer, equalFunc, stack) {\n  var objIsArr
= isArray(object),\n      othIsArr = isArray(other),\n      objTag = objIsArr ? arrayTag : getTag(object),\n      othTag
= othIsArr ? arrayTag : getTag(other);\n\n  objTag = objTag == argsTag ? objectTag : objTag;\n  othTag = othTag
== argsTag ? objectTag : othTag;\n\n  var objIsObj = objTag == objectTag,\n      othIsObj = othTag == objectTag,\n
      isSameTag = objTag == othTag;\n\n  if (isSameTag && isBuffer(object)) {\n    if (!isBuffer(other)) {\n      return
false;\n    }\n    objIsArr = true;\n    objIsObj = false;\n  }\n  if (isSameTag && !objIsObj) {\n    stack || (stack = new
Stack);\n    return (objIsArr || isTypedArray(object))\n      ? equalArrays(object, other, bitmask, customizer,
equalFunc, stack)\n      : equalByTag(object, other, objTag, bitmask, customizer, equalFunc, stack);\n  }\n  if
(!(bitmask & COMPARE_PARTIAL_FLAG)) {\n    var objIsWrapped = objIsObj && hasOwnProperty.call(object,
'__wrapped__'),\n        othIsWrapped = othIsObj && hasOwnProperty.call(other, '__wrapped__');\n\n    if
(objIsWrapped || othIsWrapped) {\n      var objUnwrapped = objIsWrapped ? object.value() : object,\n          othUnwrapped
= othIsWrapped ? other.value() : other;\n\n      stack || (stack = new Stack);\n      return
equalFunc(objUnwrapped, othUnwrapped, bitmask, customizer, stack);\n    }\n  }\n  if (!isSameTag) {\n    return
false;\n  }\n  stack || (stack = new Stack);\n  return equalObjects(object, other, bitmask, customizer, equalFunc,
stack);\n}\n\nmodule.exports = baseIsEqualDeep;\n", "use strict";\n\nmodule.exports = require("./is-
implemented")() ? Object.keys : require("./shim");\n", "var Hash = require('./_Hash'),\n  ListCache =
require('./_ListCache'),\n  Map = require('./_Map');\n\n/**\n * Removes all key-value entries from the map.\n *\n *
@private\n * @name clear\n * @memberOf MapCache\n *\nfunction mapCacheClear() {\n  this.size = 0;\n  this.__data__ = {\n    'hash': new Hash,\n    'map': new (Map || ListCache),\n    'string': new Hash\n  };\n}\n\nmodule.exports = mapCacheClear;\n", "var arrayPush = require('./_arrayPush'),\n  isArray =
require('./isArray');\n\n/**\n * The base implementation of `getAllKeys` and `getAllKeysIn` which uses\n *
`keysFunc` and `symbolsFunc` to get the enumerable property names and\n * symbols of `object`.\n *\n *
@private\n * @param {Object} object The object to query.\n * @param {Function} keysFunc The function to get
the keys of `object`.\n * @param {Function} symbolsFunc The function to get the symbols of `object`.\n * @returns
{Array} Returns the array of property names and symbols.\n *\nfunction baseGetAllKeys(object, keysFunc,
symbolsFunc) {\n  var result = keysFunc(object);\n  return isArray(object) ? result : arrayPush(result,
symbolsFunc(object));\n}\n\nmodule.exports = baseGetAllKeys;\n", "var ListCache = require('./_ListCache'),\n
stackClear = require('./_stackClear'),\n  stackDelete = require('./_stackDelete'),\n  stackGet =

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require('./_stackGet'),\n  stackHas = require('./_stackHas'),\n  stackSet = require('./_stackSet');\n\n/**\n * Creates
a stack cache object to store key-value pairs.\n *\n * @private\n * @constructor\n * @param {Array} [entries] The
key-value pairs to cache.\n *\nfunction Stack(entries) {\n  var data = this.__data__ = new ListCache(entries);\n
this.size = data.size;\n}\n\n// Add methods to `Stack`.\nStack.prototype.clear = stackClear;\nStack.prototype['delete']
= stackDelete;\nStack.prototype.get = stackGet;\nStack.prototype.has = stackHas;\nStack.prototype.set =
stackSet;\n\nmodule.exports = Stack;\n", "/* Used to stand-in for `undefined` hash values. */\nvar
HASH_UNDEFINED = '_lodash_hash_undefined_';\n\n/**\n * Adds `value` to the array cache.\n *\n *\n * @private\n * @name add\n * @memberOf SetCache\n * @alias push\n * @param {*} value The value to cache.\n
* @returns {Object} Returns the cache instance.\n *\nfunction setCacheAdd(value) {\n  this.__data__.set(value,
HASH_UNDEFINED);\n  return this;\n}\n\nmodule.exports = setCacheAdd;\n", "var def = require('./_object-
dp').f;\nvar has = require('./_has');\nvar TAG = require('./_wks')('toStringTag');\n\nmodule.exports = function (it,
tag, stat) {\n  if (it && !has(it = stat ? it : it.prototype, TAG)) def(it, TAG, { configurable: true, value: tag
});\n};\n", "var dp = require('./_object-dp').f;\nvar FProto = Function.prototype;\nvar nameRE = /^\\s*function (\\[
\\]*)/;\nvar NAME = 'name';\n\n// 19.2.4.2 name\nNAME in FProto || require('./_descriptors') && dp(FProto,
NAME, {\n  configurable: true,\n  get: function () {\n    try {\n      return (" + this).match(nameRE)[1];\n    } catch
(e) {\n      return ";\n    }\n  }\n});\n", "import mod from \"-!../node_modules/mini-css-extract-
plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-
1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--
8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./GenericFooter.vue?vue&type=style&index=0&id=203025b4&lang=scss&scoped=true&\"; export default
mod; export * from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-
0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./GenericFooter.vue?vue&type=style&index=0&id=203025b4&lang=scss&scoped=true&\"; /**\n * Gets
the stack value for `key`.\n *\n * @private\n * @name get\n * @memberOf Stack\n * @param {string} key The key
of the value to get.\n * @returns {*} Returns the entry value.\n *\nfunction stackGet(key) {\n  return
this.__data__.get(key);\n}\n\nmodule.exports = stackGet;\n", "/*\n * A specialized version of `_.forEach` for arrays
without support for\n * iteratee shorthands.\n *\n * @private\n * @param {Array} [array] The array to iterate
over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns `array`.\n
*\nfunction arrayEach(array, iteratee) {\n  var index = -1,\n      length = array == null ? 0 : array.length;\n\n  while
(++index < length) {\n    if (iteratee(array[index], index, array) === false) {\n      break;\n    }\n  }\n  return
array;\n}\n\nmodule.exports = arrayEach;\n", "var global = require('./_global');\nvar macrotask =
require('./_task').set;\nvar Observer = global.MutationObserver || global.WebKitMutationObserver;\nvar process =
global.process;\nvar Promise = global.Promise;\nvar isNode = require('./_cof')(process) ==
'process';\n\nmodule.exports = function () {\n  var head, last, notify;\n\n  var flush = function () {\n    var parent,
fn;\n    if (isNode && (parent = process.domain)) parent.exit();\n    while (head) {\n      fn = head.fn;\n      head =
head.next;\n      try {\n        fn();\n      } catch (e) {\n        if (head) notify();\n        else last = undefined;\n        throw
e;\n      }\n    }\n    last = undefined;\n    if (parent) parent.enter();\n  }; \n\n  // Node.js\n  if (isNode) {\n    notify =
function () {\n      process.nextTick(flush);\n    }; \n    // browsers with MutationObserver, except iOS Safari -
https://github.com/zloirock/core-js/issues/339\n  } else if (Observer && !(global.navigator &&
global.navigator.standalone)) {\n    var toggle = true;\n    var node = document.createTextNode('');\n    new
Observer(flush).observe(node, { characterData: true }); // eslint-disable-line no-new\n    notify = function () {\n      node.data = toggle = !toggle;\n    }; \n    // environments with maybe non-completely correct, but existent Promise\n
  } else if (Promise && Promise.resolve) {\n    // Promise.resolve without an argument throws an error in LG WebOS
2\n    var promise = Promise.resolve(undefined);\n    notify = function () {\n      promise.then(flush);\n    }; \n    // for

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other environments - macrotask based on:\n // - setImmediate\n // - MessageChannel\n // - window.postMessage\n // - onreadystatechange\n // - setTimeout\n } else {\n  notify = function () {\n    // strange IE + webpack dev server bug - use .call(global)\n    macrotask.call(global, flush);\n  };
\n  }\n\n  return function (fn) {\n    var task = {
fn: fn, next: undefined };
\n    if (last) last.next = task;
\n    if (!head) {\n      head = task;
\n      notify();
\n    } last =
task;
\n  };
\n};
\n", "var core = module.exports = { version: '2.5.7' };
\nif (typeof __e === 'number') __e = core; // eslint-disable-line no-undef\n", "module.exports = { };
\n", "/*\n * A faster alternative to `Function#apply`, this function
invokes `func` with the `this` binding of `thisArg` and the arguments of `args`.\n * @private\n * @param
{Function} func The function to invoke.\n * @param {*} thisArg The `this` binding of `func`.\n * @param {Array}
args The arguments to invoke `func` with.\n * @returns {*} Returns the result of `func`.\n */\nfunction apply(func,
thisArg, args) {\n  switch (args.length) {\n    case 0: return func.call(thisArg);\n    case 1: return func.call(thisArg,
args[0]);\n    case 2: return func.call(thisArg, args[0], args[1]);\n    case 3: return func.call(thisArg, args[0], args[1],
args[2]);\n  }\n  return func.apply(thisArg, args);\n}\n\nmodule.exports = apply;\n", "var baseHasIn =
require('./_baseHasIn');
\n  hasPath = require('./_hasPath');
\n\n  /**\n * Checks if `path` is a direct or inherited property of `object`.\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Object\n * @param
{Object} object The object to query.\n * @param {Array|string} path The path to check.\n * @returns {boolean}
Returns `true` if `path` exists, else `false`.\n * @example\n * var object = _create({ 'a': _create({ 'b': 2 }) });
\n * _hasIn(object, 'a'); // => true\n * _hasIn(object, 'a.b'); // => true\n * _hasIn(object, ['a', 'b']);
\n * // => true\n * _hasIn(object, 'b'); // => false\n */\nfunction hasIn(object, path) {\n  return object != null
&& hasPath(object, path, baseHasIn);\n}\n\nmodule.exports = hasIn;\n", "var anObject = require('./_an-object');
\nvar IE8_DOM_DEFINE = require('./_ie8-dom-define');
\nvar toPrimitive = require('./_to-primitive');
\nvar dP = Object.defineProperty;\n\nexports.f = require('./_descriptors') ? Object.defineProperty : function defineProperty(O,
P, Attributes) {\n  anObject(O);\n  P = toPrimitive(P, true);\n  anObject(Attributes);\n  if (IE8_DOM_DEFINE) try
{\n    return dP(O, P, Attributes);\n  } catch (e) { /* empty */ }\n  if ('get' in Attributes || 'set' in Attributes)
throw TypeError('Accessors not supported!');
\n  if ('value' in Attributes) O[P] = Attributes.value;\n  return O;\n};
\n", "/* Works with __proto__ only. Old v8 can't work with null proto objects.\n */\nvar isObject =
require('./_is-object');
\nvar anObject = require('./_an-object');
\nvar check = function (O, proto) {\n  anObject(O);\n  if (!isObject(proto) && proto !== null) throw
TypeError(proto + ': can't set as prototype!');
\n};
\nmodule.exports = {\n  set: Object.setPrototypeOf || ('__proto__' in {})\n    // eslint-disable-line\n    function (test,
buggy, set) {\n    set = require('./_ctx')(Function.call, require('./_object-gopd').f(Object.prototype, '__proto__').set,
2);\n    set(test, []);\n    buggy = !(test instanceof Array);\n  } catch (e) { buggy = true; }\n  return function
setPrototypeOf(O, proto) {\n    check(O, proto);\n    if (buggy) O.__proto__ = proto;\n    else set(O, proto);\n    return
O;\n  };
\n}({}, false) : undefined),\n  check: check\n};
\n", "module.exports =
__WEBPACK_EXTERNAL_MODULE__8bbf__";
\n"use strict";
\nObject.defineProperty(exports, '__esModule', { value: true });
\nvar prefix = 'fab';
\nvar iconName = 'facebook';
\nvar width = 448;
\nvar height = 512;
\nvar ligatures = [];\nvar unicode = 'f09a';
\nvar svgPathData = 'M448 56.7v398.5c0 13.7-11.1 24.7-24.7
24.7H309.1V306.5h58.2l8.7-67.6h-67v-43.2c0-19.6 5.4-32.9 33.5-32.9h35.8v-60.5c-6.2-8-27.4-2.7-52.2-2.7-51.6
0-87 31.5-87 89.4v49.9h-58.4v67.6h58.4V480H24.7C11.1 480 0 468.9 0 455.3V56.7C0 43.1 11.1 32 24.7
32h398.5c13.7 0 24.8 11.1 24.8 24.7z';
\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon:
[\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n
]};
\n\nexports.faFacebook =
exports.definition;\n\nexports.prefix = prefix;\n\nexports.iconName = iconName;\n\nexports.width =
width;\n\nexports.height = height;\n\nexports.ligatures = ligatures;\n\nexports.unicode = unicode;\n\nexports.svgPathData =
svgPathData;
\n", "import mod from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./FollowUsPopover.vue?vue&type=style&index=0&id=440d5984&lang=scss&scoped=true&\";
\nexport default mod;
\nexport * from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-

```

0!./../node\_modules/css-loader/index.js??ref--8-oneOf-1-1!./../node\_modules/vue-loader/lib/loaders/stylePostLoader.js!./../node\_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!./../node\_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!./../node\_modules/cache-loader/dist/cjs.js??ref--0-0!./../node\_modules/vue-loader/lib/index.js??vue-loader-options!/FollowUsPopover.vue?vue&type=style&index=0&id=440d5984&lang=scss&scoped=true&\"\", \"module.exports =

```
\"\"\", \"// 19.1.2.7 / 15.2.3.4 Object.getOwnPropertyNames(O)\\nvar $keys = require('./_object-keys-internal');\\nvar hiddenKeys = require('./_enum-bug-keys').concat('length', 'prototype');\\n\\nexports.f = Object.getOwnPropertyNames || function getOwnPropertyNames(O) {\\n return $keys(O, hiddenKeys);\\n};\\n\", \"/**\\n * Creates a unary function that invokes `func` with its argument transformed.\\n *\\n * @private\\n * @param {Function} func The function to wrap.\\n * @param {Function} transform The argument transform.\\n * @returns {Function} Returns the new function.\\n */\\nfunction overArg(func, transform) {\\n return function(arg) {\\n return func(transform(arg));\\n };\\n}\\n\\nmodule.exports = overArg;\\n\", \"var getMapData = require('./_getMapData');\\n\\n/**\\n * Removes `key` and its value from the map.\\n *\\n * @private\\n * @name delete\\n * @memberOf MapCache\\n * @param {string} key The key of the value to remove.\\n * @returns {boolean} Returns `true` if the entry was removed, else `false`.\\n */\\nfunction mapCacheDelete(key) {\\n var result = getMapData(this, key)['delete'](key);\\n this.size -= result ? 1 : 0;\\n return result;\\n}\\n\\nmodule.exports = mapCacheDelete;\\n\", \"// ES2015 Symbol polyfill for environments that do not (or partially) support it\\n\\n'use strict';\\n\\nvar d = require('d')\\n , validateSymbol = require('./validate-symbol')\\n\\n , create = Object.create, defineProperties = Object.defineProperties\\n , defineProperty = Object.defineProperty, objPrototype = Object.prototype\\n , NativeSymbol, SymbolPolyfill, HiddenSymbol, globalSymbols = create(null)\\n , isNativeSafe;\\n\\nif (typeof Symbol === 'function') {\\n\\tNativeSymbol = Symbol;\\n\\ttry
```



```

from right to left.\n * @returns {Function} Returns the new base function.\n */\nfunction createBaseEach(eachFunc,
fromRight) {\n  return function(collection, iteratee) {\n    if (collection == null) {\n      return collection;\n    }\n    if
(!isArrayLike(collection)) {\n      return eachFunc(collection, iteratee);\n    }\n    var length = collection.length,\n    index = fromRight ? length - 1 : 0,\n    iterable = Object(collection);\n\n    while ((fromRight ? index-- : ++index <
length)) {\n      if (iteratee(iterable[index], index, iterable) === false) {\n        break;\n      }\n    }\n    return
collection;\n  };\n}\n\nmodule.exports = createBaseEach;\n", "var baseGetTag = require('./_baseGetTag'),\n\nisObject = require('./isObject');\n\n/**\n * `Object#toString` result references. *\n\nvar asyncTag = '[object
AsyncFunction]',\n    funcTag = '[object Function]',\n    genTag = '[object GeneratorFunction]',\n    proxyTag =
'[object Proxy]';\n\n/**\n * Checks if `value` is classified as a `Function` object.\n *\n * @static\n * @memberOf
_\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns
`true` if `value` is a function, else `false`.\n *\n * @example\n *\n * _isFunction(_);\n * // => true\n *\n *
_isFunction(/abc/);\n * // => false\n */\nfunction isFunction(value) {\n  if (!isObject(value)) {\n    return false;\n
}\n  // The use of `Object#toString` avoids issues with the `typeof` operator\n  // in Safari 9 which returns 'object' for
typed arrays and other constructors.\n  var tag = baseGetTag(value);\n  return tag == funcTag || tag == genTag || tag
== asyncTag || tag == proxyTag;\n}\n\nmodule.exports = isFunction;\n", "/*\n * Performs a\n *\n * [SameValueZero]
(http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * comparison between two
values to determine if they are equivalent.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category
Lang\n * @param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @returns
{boolean} Returns `true` if the values are equivalent, else `false`.\n *\n * @example\n *\n * var object = { 'a': 1 };
\n * var other = { 'a': 1 };\n *\n * _eq(object, object);\n * // => true\n *\n * _eq(object, other);\n * // => false\n *\n *
_eq('a', 'a');\n * // => true\n *\n * _eq('a', Object('a'));\n * // => false\n *\n * _eq(NaN, NaN);\n * // => true\n
*\n */\nfunction eq(value, other) {\n  return value === other || (value !== value && other !==
other);\n}\n\nmodule.exports = eq;\n", "var Stack = require('./_Stack'),\n\nbaseIsEqual =
require('./_baseIsEqual');\n\n/**\n * Used to compose bitmasks for value comparisons. *\n\nvar
COMPARE_PARTIAL_FLAG = 1,\n    COMPARE_UNORDERED_FLAG = 2;\n\n/**\n * The base
implementation of `_isMatch` without support for iteratee shorthands.\n *\n * @private\n * @param {Object}
object The object to inspect.\n * @param {Object} source The object of property values to match.\n * @param
{Array} matchData The property names, values, and compare flags to match.\n * @param {Function} [customizer]
The function to customize comparisons.\n * @returns {boolean} Returns `true` if `object` is a match, else `false`.\n
*\n */\nfunction baseIsMatch(object, source, matchData, customizer) {\n  var index = matchData.length,\n      length =
index,\n      noCustomizer = !customizer;\n\n  if (object == null) {\n    return !length;\n  }\n  object =
Object(object);\n  while (index--) {\n    var data = matchData[index];\n    if ((noCustomizer && data[2])\n        ?
data[1] !== object[data[0]]\n        : !(data[0] in object)\n        ) {\n      return false;\n    }\n  }\n  while (++index <
length) {\n    data = matchData[index];\n    var key = data[0],\n        objValue = object[key],\n        srcValue =
data[1];\n\n    if (noCustomizer && data[2]) {\n      if (objValue === undefined && !(key in object)) {\n        return
false;\n      }\n    } else {\n      var stack = new Stack;\n      if (customizer) {\n        var result = customizer(objValue,
srcValue, key, object, source, stack);\n        if (!result === undefined\n            ? baseIsEqual(srcValue,
objValue, COMPARE_PARTIAL_FLAG | COMPARE_UNORDERED_FLAG, customizer, stack)\n            :
result\n        ) {\n          return false;\n        }\n      }\n    }\n  }\n  return true;\n}\n\nmodule.exports = baseIsMatch;\n", "use
strict";\n\nvar isValue = require('./is-value');\n\nmodule.exports = function (value) {\n  if (!isValue(value)) throw
new TypeError("Cannot use null or undefined");\n  return value;\n};\n", "var baseEach = require('./_baseEach'),\n\nisArrayLike =
require('./isArrayLike');\n\n/**\n * The base implementation of `_map` without support for iteratee
shorthands.\n *\n * @private\n * @param {Array|Object} collection The collection to iterate over.\n * @param
{Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns the new mapped array.\n
*\n */\nfunction baseMap(collection, iteratee) {\n  var index = -1,\n      result = isArrayLike(collection) ?
Array(collection.length) : [];\n\n  baseEach(collection, function(value, key, collection) {\n    result[++index] =
iteratee(value, key, collection);\n  });\n  return result;\n}\n\nmodule.exports = baseMap;\n", "/*\n * Creates a base
function for methods like `_forIn` and `_forOwn`.\n *\n * @private\n * @param {boolean} [fromRight] Specify

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iterating from right to left.\n * @returns {Function} Returns the new base function.\n */\nfunction
createBaseFor(fromRight) {\n  return function(object, iteratee, keysFunc) {\n    var index = -1,\n        iterable =
Object(object),\n        props = keysFunc(object),\n        length = props.length;\n\n    while (length--) {\n      var key =
props[fromRight ? length : ++index];\n      if (iteratee(iterable[key], key, iterable) === false) {\n        break;\n      }\n    }\n    return object;\n  };\n}\n\nmodule.exports = createBaseFor;\n", "var freeGlobal =
require('./_freeGlobal');\n\n/** Detect free variable `exports`. */\nvar freeExports = typeof exports === 'object' &&
exports && !exports.nodeType && exports;\n\n/** Detect free variable `module`. */\nvar freeModule = freeExports
&& typeof module === 'object' && module && !module.nodeType && module;\n\n/** Detect the popular
CommonJS extension `module.exports`. */\nvar moduleExports = freeModule && freeModule.exports ===
freeExports;\n\n/** Detect free variable `process` from Node.js. */\nvar freeProcess = moduleExports &&
freeGlobal.process;\n\n/** Used to access faster Node.js helpers. */\nvar nodeUtil = (function() {\n  try {\n    // Use
`util.types` for Node.js 10+.\n    var types = freeModule && freeModule.require &&
freeModule.require('util').types;\n\n    if (types) {\n      return types;\n    }\n\n    // Legacy `process.binding('util')` for
Node.js < 10.\n    return freeProcess && freeProcess.binding && freeProcess.binding('util');\n  } catch (e)
{\n  }\n})();\n\nmodule.exports = nodeUtil;\n", "var eq = require('./eq'),\n    isArrayLike = require('./isArrayLike'),\n
isIndex = require('./_isIndex'),\n    isObject = require('./isObject');\n\n/**\n * Checks if the given arguments are from
an iteratee call.\n *\n * @private\n * @param {*} value The potential iteratee value argument.\n * @param {*}
index The potential iteratee index or key argument.\n * @param {*} object The potential iteratee object argument.\n
*\n * @returns {boolean} Returns `true` if the arguments are from an iteratee call,\n * else `false`.\n */\nfunction
isIterateeCall(value, index, object) {\n  if (!isObject(object)) {\n    return false;\n  }\n  var type = typeof index;\n  if
(type === 'number'\n    ? (isArrayLike(object) && isIndex(index, object.length))\n    : (type === 'string' && index
in object))\n    {\n      return eq(object[index], value);\n    }\n  return false;\n}\n\nmodule.exports =
isIterateeCall;\n", "var baseGet = require('./_baseGet');\n\n/**\n * Gets the value at `path` of `object`. If the resolved
value is\n * `undefined`, the `defaultValue` is returned in its place.\n *\n * @static\n * @memberOf _\n * @since
3.7.0\n * @category Object\n * @param {Object} object The object to query.\n * @param {Array|string} path The
path of the property to get.\n * @param {*} [defaultValue] The value returned for `undefined` resolved values.\n
*\n * @returns {*} Returns the resolved value.\n *\n * @example\n *\n * var object = { 'a': { 'b': { 'c': 3 } } };\n *\n *
_.get(object, 'a[0].b.c');\n * // => 3\n *\n * _.get(object, ['a', '0', 'b', 'c']);\n * // => 3\n *\n *
_.get(object, 'a.b.c',\n * 'default');\n * // => 'default'\n */\nfunction get(object, path, defaultValue) {\n  var result =
object == null ? undefined\n  : baseGet(object, path);\n  return result === undefined ? defaultValue : result;\n}\n\nmodule.exports = get;\n", "//
optional / simple context binding\nvar aFunction = require('./_a-function');\nmodule.exports = function (fn, that,
length) {\n  aFunction(fn);\n  if (that === undefined) return fn;\n  switch (length) {\n    case 1: return function (a) {\n
return fn.call(that, a);\n    };\n    case 2: return function (a, b) {\n      return fn.call(that, a, b);\n    };\n    case 3:
return function (a, b, c) {\n      return fn.call(that, a, b, c);\n    };\n  }\n  return function (*...args) {\n    return
fn.apply(that, arguments);\n  };\n};\n\n", "// Deprecated\n\n"use strict";\n\nmodule.exports = function (obj) {\n  return
typeof obj === "function";\n};\n\n", "22.1.3.31 Array.prototype[@@unscopables]\nvar UNSCOPABLES =
require('./_wks')('unscopables');\nvar ArrayProto = Array.prototype;\nif (ArrayProto[UNSCOPABLES] ===
undefined) require('./_hide')(ArrayProto, UNSCOPABLES, {});\n\nmodule.exports = function (key) {\n  ArrayProto[UNSCOPABLES][key] =
true;\n};\n\n", "module.exports = function (exec) {\n  try {\n    return { e: false,\n      v: exec() }\n  } catch (e) {\n    return
{ e: true, v: e }\n  }\n};\n\n", "7.1.15 ToLength\nvar toInteger = require('./_to-integer');\nvar min = Math.min;\n\nmodule.exports =
function (it) {\n  return it > 0 ? min(toInteger(it), 0x1fffffffffffff)\n  : 0; // pow(2, 53) - 1 == 9007199254740991\n};\n\n", "Thank's IE8 for his funny defineProperty\n\nmodule.exports =
!require('./_fails')(function () {\n  return Object.defineProperty({}, 'a', { get: function () { return 7; } }).a !==
7;\n});\n\n", "var root = require('./_root');\n\n/** Built-in value references. */\nvar Symbol =
root.Symbol;\n\nmodule.exports = Symbol;\n", "var global = require('./_global');\nvar navigator =
global.navigator;\n\nmodule.exports = navigator && navigator.userAgent || ";\n\n", "var SetCache =
require('./_SetCache'),\n    arraySome = require('./_arraySome'),\n    cacheHas = require('./_cacheHas');\n\n/** Used
to compose bitmasks for value comparisons. */\nvar COMPARE_PARTIAL_FLAG = 1,\n

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COMPARE_UNORDERED_FLAG = 2;

/**
 * A specialized version of `baseIsEqualDeep` for arrays with
 * support for partial deep comparisons.
 * @private
 * @param {Array} array The array to compare.
 * @param {Array} other The other array to compare.
 * @param {number} bitmask The bitmask flags. See
 * `baseIsEqual` for more details.
 * @param {Function} customizer The function to customize comparisons.
 * @param {Function} equalFunc The function to determine equivalents of values.
 * @param {Object} stack Tracks traversed `array` and `other` objects.
 * @returns {boolean} Returns `true` if the arrays are equivalent, else
 * `false`.
 */
function equalArrays(array, other, bitmask, customizer, equalFunc, stack) {
  var isPartial = bitmask & COMPARE_PARTIAL_FLAG,
      arrLength = array.length,
      othLength = other.length;

  if (arrLength != othLength && !(isPartial && othLength > arrLength)) {
    return false;
  } // Assume cyclic values are equal.
  var stacked = stack.get(array);
  if (stacked && stack.get(other)) {
    return stacked == other;
  } var index = -1,
      result = true,
      seen = (bitmask & COMPARE_UNORDERED_FLAG) ? new SetCache :
      undefined;
  stack.set(array, other);
  stack.set(other, array);

  // Ignore non-index properties.
  while (++index < arrLength) {
    var arrValue = array[index],
        othValue = other[index];
    if (customizer) {
      var compared = isPartial ? customizer(othValue, arrValue, index, other, array, stack) :
          customizer(arrValue, othValue, index, array, other, stack);
    } else if (compared !== undefined) {
      if (compared) {
        continue;
      } result = false;
      break;
    } // Recursively compare arrays
    (susceptible to call stack limits).
    if (seen) {
      if (!arraySome(other, function(othValue, othIndex) {
        if (!cacheHas(seen, othIndex) &&
            (arrValue === othValue || equalFunc(arrValue, othValue, bitmask,
            customizer, stack))) {
          return seen.push(othIndex);
        }
      }))) {
        result = false;
        break;
      }
    } else if (!(arrValue === othValue ||
        equalFunc(arrValue, othValue, bitmask,
        customizer, stack))) {
      result = false;
      break;
    }
  }
  stack['delete'](array);
  stack['delete'](other);
  return result;
}

module.exports = equalArrays;

var constant = require('./constant'),
    defineProperty = require('./defineProperty'),
    identity = require('./identity');

/**
 * The base implementation of `setToString` without support for hot loop shorting.
 * @private
 * @param {Function} func The function to modify.
 * @param {Function} string The `toString` result.
 * @returns {Function} Returns `func`.
 */
var baseSetToString = !defineProperty ? identity : function(func, string) {
  return defineProperty(func, 'toString', {
    'configurable': true,
    'enumerable': false,
    'value': constant(string),
    'writable': true
  });
};

module.exports = baseSetToString;

/**
 * @@@replace logic
 * require('./_fix-re-wks')(replace, 2, function (defined, REPLACE, $replace) {
 * // 21.1.3.14 String.prototype.replace(searchValue, replaceValue)
 * return [function replace(searchValue, replaceValue) {
 * 'use strict';
 * var O = defined(this);
 * var fn = searchValue == undefined ? undefined : searchValue[REPLACE];
 * return fn !== undefined ?
 * fn.call(searchValue, O, replaceValue) :
 * $replace.call(String(O), searchValue, replaceValue);
 * },
 * $replace];
 * }, "var getMapData = require('./_getMapData');
 *
 * /**
 * Checks if a map value for `key` exists.
 * @private
 * @name has
 * @memberOf MapCache
 * @param {string} key The key of the entry to check.
 * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.
 */
function mapCacheHas(key) {
  return getMapData(this, key).has(key);
}

module.exports = mapCacheHas;

"use strict";
// 25.4.1.5 NewPromiseCapability(C)
var aFunction = require('./_a-function');

function PromiseCapability(C) {
  var resolve, reject;
  this.promise = new C(function ($$resolve, $$reject) {
    if (resolve !== undefined || reject !== undefined) throw TypeError('Bad Promise constructor');
    resolve = $$resolve;
    reject = $$reject;
  });
  this.resolve = aFunction(resolve);
  this.reject = aFunction(reject);
}

module.exports.f = function (C) {
  return new PromiseCapability(C);
};

var baseGetAllKeys = require('./_baseGetAllKeys'),
    getSymbols = require('./_getSymbols'),
    keys = require('./_keys');

/**
 * Creates an array of own enumerable property names and symbols of `object`.
 * @private
 * @param {Object} object The object to query.
 * @returns {Array} Returns the array of property names and symbols.
 */
function getAllKeys(object) {
  return baseGetAllKeys(object, keys, getSymbols);
}

module.exports = getAllKeys;

var $export = require('./_export');
var defined = require('./_defined');
var fails = require('./_fails');
var spaces = require('./_string-ws');
var space = '[' + spaces + ']';
var non = '\u200b\u0085';
var ltrim = RegExp('^' + space + space + '*');
var rtrim = RegExp(space + space + '*');

```

```

*$$$);
\n\nvar exporter = function (KEY, exec, ALIAS) {\n  var exp = {};\n  var FORCE = fails(function () {\n    return !!spaces[KEY]() || non[KEY]() != non;\n  });\n  var fn = exp[KEY] = FORCE ? exec(trim) : spaces[KEY];\n  if (ALIAS) exp[ALIAS] = fn;\n  $export($export.P + $export.F * FORCE, 'String', exp);\n};\n\n// 1 ->
String#trimLeft\n// 2 -> String#trimRight\n// 3 -> String#trim\n\nvar trim = exporter.trim = function (string, TYPE)
{\n  string = String(defined(string));\n  if (TYPE & 1) string = string.replace(ltrim, "");\n  if (TYPE & 2) string =
string.replace(rtrim, "");\n  return string;\n};\n\n\nmodule.exports = exporter;\n", "7.2.8 IsRegExp(argument)\n\nvar
isObject = require('./_is-object');\n\nvar cof = require('./_cof');\n\nvar MATCH =
require('./_wks')('match');\n\nmodule.exports = function (it) {\n  var isRegExp;\n  return isObject(it) && ((isRegExp =
it[MATCH]) !== undefined ? !!isRegExp : cof(it) === 'RegExp');\n};\n\n", "/*\n * Converts `set` to an array of its
values.\n * *\n * @private\n * @param {Object} set The set to convert.\n * @returns {Array} Returns the values.\n
*\n*/\n\nfunction setToArray(set) {\n  var index = -1,\n      result = Array(set.size);\n  set.forEach(function(value) {\n
result[++index] = value;\n  });\n  return result;\n};\n\n\nmodule.exports = setToArray;\n", "var $iterators =
require('./es6.array.iterator');\n\nvar getKeys = require('./_object-keys');\n\nvar redefine = require('./_redefine');\n\nvar
global = require('./_global');\n\nvar hide = require('./_hide');\n\nvar Iterators = require('./_iterators');\n\nvar wks =
require('./_wks');\n\nvar ITERATOR = wks('iterator');\n\nvar TO_STRING_TAG = wks('toStringTag');\n\nvar
ArrayValues = Iterators.Array;\n\nvar DOMIterables = {\n  CSSRuleList: true, // TODO: Not spec compliant,
should be false.\n  CSSStyleDeclaration: false,\n  CSSValueList: false,\n  ClientRectList: false,\n  DOMRectList:
false,\n  DOMStringList: false,\n  DOMTokenList: true,\n  DataTransferItemList: false,\n  FileList: false,\n  HTMLAllCollection: false,\n  HTMLCollection: false,\n  HTMLFormElement: false,\n  HTMLSelectElement:
false,\n  MediaList: true, // TODO: Not spec compliant, should be false.\n  MimeTypeArray: false,\n  NamedNodeMap: false,\n  NodeList: true,\n  PaintRequestList: false,\n  Plugin: false,\n  PluginArray: false,\n  SVGLengthList: false,\n  SVGNumberList: false,\n  SVGPathSegList: false,\n  SVGPointList: false,\n  SVGStringList: false,\n  SVGTransformList: false,\n  SourceBufferList: false,\n  StyleSheetList: true, // TODO: Not
spec compliant, should be false.\n  TextTrackCueList: false,\n  TextTrackList: false,\n  TouchList: false\n};\n\nfor
(var collections = getKeys(DOMIterables), i = 0; i < collections.length; i++) {\n  var NAME = collections[i];\n  var
explicit = DOMIterables[NAME];\n  var Collection = global[NAME];\n  var proto = Collection &&
Collection.prototype;\n  var key;\n  if (proto) {\n    if (!proto[ITERATOR]) hide(proto, ITERATOR,
ArrayValues);\n    if (!proto[TO_STRING_TAG]) hide(proto, TO_STRING_TAG, NAME);\n    Iterators[NAME] =
ArrayValues;\n    if (explicit) for (key in $iterators) if (!proto[key]) redefine(proto, key, $iterators[key], true);\n  }\n}\n\n", "/*\n * The base implementation of `_unary` without support for storing metadata.\n * *\n * @private\n *
@param {Function} func The function to cap arguments for.\n * @returns {Function} Returns the new capped
function.\n * *\n*/\n\nfunction baseUnary(func) {\n  return function(value) {\n    return func(value);\n  }\n};\n\n\nmodule.exports = baseUnary;\n", "use strict";\n\nObject.defineProperty(exports, '__esModule', { value: true
});\n\nvar prefix = 'fas';\n\nvar iconName = 'clipboard';\n\nvar width = 384;\n\nvar height = 512;\n\nvar ligatures = [];\n\nvar
unicode = 'f328';\n\nvar svgPathData = 'M384 112v352c0 26.51-21.49 48-48 48H48c-26.51 0-48-21.49-48-
48V112c0-26.51 21.49-48 48-48h80c0-35.29 28.71-64 64-64s64 28.71 64 64h80c26.51 0 48 21.49 48 48zM192
40c-13.255 0-24 10.745-24 24s10.745 24 24 24-10.745 24-24-10.745-24-24-24m96 114v-20a6 6 0 0 0-6-
6H102a6 6 0 0 0-6 6v20a6 6 0 0 0 6 6h180a6 6 0 0 0 6-6z';\n\n\nexports.definition = {\n  prefix: prefix,\n  iconName:
iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  ];\n};\n\n\nexports.faClipboard
= exports.definition;\n\nexports.prefix = prefix;\n\nexports.iconName = iconName;\n\nexports.width =
width;\n\nexports.height = height;\n\nexports.ligatures = ligatures;\n\nexports.unicode = unicode;\n\nexports.svgPathData =
svgPathData;\n", "var getAllKeys = require('./_getAllKeys');\n\n\n/** Used to compose bitmasks for value comparisons.
*\n*/\n\nvar COMPARE_PARTIAL_FLAG = 1;\n\n\n/** Used for built-in method references. *\n*/\n\nvar objectProto =
Object.prototype;\n\n\n/** Used to check objects for own properties. *\n*/\n\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n\n/**\n * A specialized version of `baseIsEqualDeep` for objects with support for\n *
partial deep comparisons.\n * *\n * @private\n * @param {Object} object The object to compare.\n * @param
{Object} other The other object to compare.\n * @param {number} bitmask The bitmask flags. See `baseIsEqual`
for more details.\n * @param {Function} customizer The function to customize comparisons.\n * @param

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{Function} equalFunc The function to determine equivalents of values.\n * @param {Object} stack Tracks
traversed `object` and `other` objects.\n * @returns {boolean} Returns `true` if the objects are equivalent, else
`false`.\n *\nfunction equalObjects(object, other, bitmask, customizer, equalFunc, stack) {\n  var isPartial = bitmask
& COMPARE_PARTIAL_FLAG,\n  objProps = getAllKeys(object),\n  objLength = objProps.length,\n  othProps = getAllKeys(other),\n  othLength = othProps.length;\n\n  if (objLength !== othLength && !isPartial) {\n    return false;\n  }\n  var index = objLength;\n  while (index-->0) {\n    var key = objProps[index];\n    if (!isPartial ?\n    key in other : hasOwnProperty.call(other, key)) {\n      return false;\n    }\n  }\n  // Assume cyclic values are equal.\n  var stacked = stack.get(object);\n  if (stacked && stack.get(other)) {\n    return stacked === other;\n  }\n  var result =\n  true;\n  stack.set(object, other);\n  stack.set(other, object);\n\n  var skipCtor = isPartial;\n  while (++index <\n  objLength) {\n    key = objProps[index];\n    var objValue = object[key],\n        othValue = other[key];\n\n    if\n    (customizer) {\n      var compared = isPartial\n      ? customizer(othValue, objValue, key, other, object, stack)\n      : customizer(objValue, othValue, key, object, other, stack);\n    }\n    // Recursively compare objects (susceptible to\n    call stack limits).\n    if (!(compared === undefined\n      ? (objValue === othValue || equalFunc(objValue,\n      othValue, bitmask, customizer, stack))\n      : compared\n      )) {\n      result = false;\n      break;\n    }\n    skipCtor || (skipCtor = key === 'constructor');\n  }\n  if (result && !skipCtor) {\n    var objCtor = object.constructor,\n        othCtor = other.constructor;\n\n    // Non `Object` object instances with different constructors are not equal.\n    if (objCtor !== othCtor &&\n      ('constructor' in object && 'constructor' in other) &&\n      !(typeof objCtor ===\n      'function' && objCtor instanceof objCtor &&\n      typeof othCtor === 'function' && othCtor instanceof othCtor))\n      {\n        result = false;\n      }\n  }\n  stack['delete'](object);\n  stack['delete'](other);\n  return\n  result;\n}\n\nmodule.exports = equalObjects;\n", "/* Used as references for various `Number` constants. *\nvar\nMAX_SAFE_INTEGER = 9007199254740991;\n\n/* Checks if `value` is a valid array-like length.\n *\n**Note:** This method is loosely based on\n * `[*].length` (http://ecma-international.org/ecma-262/7.0/#sec-\ntolength).\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The\n  value to check.\n * @returns {boolean} Returns `true` if `value` is a valid length, else `false`.\n * @example\n *\n * _isLength(3);\n * // => true\n *\n * _isLength(Number.MIN_VALUE);\n * // => false\n *\n * _isLength(Infinity);\n * // => false\n *\n * _isLength('3');\n * // => false\n *\nfunction isLength(value) {\n  return\n  typeof value === 'number' &&\n  value > -1 &&\n  value % 1 === 0 &&\n  value <=\n  MAX_SAFE_INTEGER;\n}\n\nmodule.exports = isLength;\n", "/*!\n * clipboard.js v2.0.4\n *\nhttps://zenorocha.github.io/clipboard.js\n *\nLicensed MIT © Zeno Rocha\n *\n(function\nwebpackUniversalModuleDefinition(root, factory) {\n  if (typeof exports === 'object' && typeof module ===\n  'object')\n    module.exports = factory();\n  else if (typeof define === 'function' && define.amd)\n    define([],\n    factory);\n  else if (typeof exports === 'object')\n    exports["ClipboardJS"] =\n    factory();\n  else\n    root["ClipboardJS"] = factory();\n})(this, function() {\n  return\n  /*****/\n  (function(modules) {\n    // webpackBootstrap\n    /*****/\n    /t/ The module cache\n    /*****/\n    /tvar installedModules = {};\n    /*****/\n    /*****/\n    /t/ The require function\n    /*****/\n    /tfunction __webpack_require__(moduleId) {\n    /*****/\n    /*****/\n    /t/ Check if\n    module is in cache\n    /*****/\n    /t\tif (installedModules[moduleId])\n    /*****/\n    /t\t\treturn\n    installedModules[moduleId].exports;\n    /*****/\n    /t\t}\n    /*****/\n    /t/ Create a new module (and put it into the\n    cache)\n    /*****/\n    /t\tvar module = installedModules[moduleId] = {\n    /*****/\n    /t\t\ti: moduleId,\n    /*****/\n    /t\t\tl: false,\n    /*****/\n    /t\t\texports: {};\n    /*****/\n    /t\t};\n    /*****/\n    /*****/\n    /t/ Execute the module function\n    /*****/\n    /t\tmodules[moduleId].call(module.exports, module, module.exports, __webpack_require__);\n    /*****/\n    /*****/\n    /t/ Flag the module as loaded\n    /*****/\n    /t\tmodule.l = true;\n    /*****/\n    /*****/\n    /t/ Return the exports of the\n    module\n    /*****/\n    /t\treturn module.exports;\n    /*****/\n    /t}\n    /*****/\n    /*****/\n    /*****/\n    /t/ expose the modules\n    object (__webpack_modules__)\n    /*****/\n    /t\t__webpack_require__.m = modules;\n    /*****/\n    /*****/\n    /t/ expose\n    the module cache\n    /*****/\n    /t\t__webpack_require__.c = installedModules;\n    /*****/\n    /*****/\n    /t/ define getter\n    function for harmony exports\n    /*****/\n    /t\t__webpack_require__.d = function(exports, name, getter) {\n    /*****/\n    /t\t\t\tif (!__webpack_require__.o(exports, name))\n    /*****/\n    /t\t\t\t\tObject.defineProperty(exports, name, {\n    enumerable:\n    true,\n    get: getter\n    });\n    /*****/\n    /t\t}\n    /*****/\n    /*****/\n    /t/ define __esModule on exports\n    /*****/\n    /t\t__webpack_require__.r = function(exports) {\n    /*****/\n    /t\t\t\tif (typeof Symbol !== 'undefined' &&

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constructor.\n * @param {Object} options\n *^\n\n _createClass(Clipboard, [{\n key:
'resolveOptions',\n value: function resolveOptions() {\n var options = arguments.length > 0 &&
arguments[0] !== undefined ? arguments[0] : {};\n this.action = typeof options.action === 'function' ?
options.action : this.defaultAction;\n this.target = typeof options.target === 'function' ? options.target :
this.defaultTarget;\n this.text = typeof options.text === 'function' ? options.text : this.defaultText;\n
this.container = _typeof(options.container) === 'object' ? options.container : document.body;\n }]\n /**\n
* Adds a click event listener to the passed trigger.\n * @param
{String|HTMLElement|HTMLCollection|NodeList} trigger\n *^\n }, {\n key: 'listenClick',\n value:
function listenClick(trigger) {\n var _this2 = this;\n this.listener = (0,
_goodListener2.default)(trigger, 'click', function (e) {\n return _this2.onClick(e);\n });\n }]\n
/**\n * Defines a new `ClipboardAction` on each click event.\n * @param {Event} e\n *^\n },
{\n key: 'onClick',\n value: function onClick(e) {\n var trigger = e.delegateTarget ||
e.currentTarget;\n if (this.clipboardAction) {\n this.clipboardAction = null;\n }]\n
this.clipboardAction = new _clipboardAction2.default({\n action: this.action(trigger),\n target:
this.target(trigger),\n text: this.text(trigger),\n container: this.container,\n trigger:
trigger,\n emitter: this\n });\n }]\n /**\n * Default `action` lookup function.\n *
@param {Element} trigger\n *^\n }, {\n key: 'defaultAction',\n value: function
defaultAction(trigger) {\n return getAttributeValue('action', trigger);\n }]\n /**\n * Default
`target` lookup function.\n * @param {Element} trigger\n *^\n }, {\n key: 'defaultTarget',\n
value: function defaultTarget(trigger) {\n var selector = getAttributeValue('target', trigger);\n if
(selector) {\n return document.querySelector(selector);\n }]\n /**\n * Returns the
support of the given action, or all actions if no action is\n * given.\n * @param {String} [action]\n
*^\n }, {\n key: 'defaultText',\n value: function defaultText(trigger) {\n return getAttributeValue('text',
trigger);\n }]\n /**\n * Destroy lifecycle.\n *^\n }, {\n key: 'destroy',\n value:
function destroy() {\n this.listener.destroy();\n if (this.clipboardAction) {\n
this.clipboardAction.destroy();\n this.clipboardAction = null;\n }]\n }], [{\n key:
'isSupported',\n value: function isSupported() {\n var action = arguments.length > 0 && arguments[0]
!== undefined ? arguments[0] : ['copy', 'cut'];\n var actions = typeof action === 'string' ? [action] : action;\n
var support = !!document.queryCommandSupported;\n actions.forEach(function (action) {\n
support = support && !!document.queryCommandSupported(action);\n });\n return support;\n
}]);\n return Clipboard;)(_tinyEmitter2.default);\n /**\n * Helper function to retrieve attribute value.\n
* @param {String} suffix\n * @param {Element} element\n *^\n\nfunction getAttributeValue(suffix, element) {\n
var attribute = 'data-clipboard-' + suffix;\n if (!element.hasAttribute(attribute)) {\n return;\n }]\n return
element.getAttribute(attribute);\n }\n\nmodule.exports = Clipboard;\n\n*/\n\n1 */\n\n(function(module,
exports, __webpack_require__) {\n\n"use strict";\n\nvar _typeof = typeof Symbol === "function" && typeof
Symbol.iterator === "symbol" ? function (obj) { return typeof obj; } : function (obj) { return obj && typeof
Symbol === "function" && obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj;
};\n\nvar _createClass = function () { function defineProperties(target, props) { for (var i = 0; i < props.length; i++)
{ var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false; descriptor.configurable = true; if
(!"value" in descriptor) descriptor.writable = true; Object.defineProperty(target, descriptor.key, descriptor); } }
return function (Constructor, protoProps, staticProps) { if (protoProps) defineProperties(Constructor.prototype,
protoProps); if (staticProps) defineProperties(Constructor, staticProps); return Constructor; }; }();\n\nvar _select =
__webpack_require__(2);\n\nvar _select2 = _interopRequireDefault(_select);\n\nfunction
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction
_classCallCheck(instance, Constructor) { if (!(instance instanceof Constructor)) { throw new TypeError("Cannot
call a class as a function"); } }\n\n\n * Inner class which performs selection from either `text` or `target`\n *
properties and then executes copy or cut operations.\n *^\n\nvar ClipboardAction = function () {\n /**\n

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@param {Object} options\n  */\n  function ClipboardAction(options) {\n    _classCallCheck(this,\nClipboardAction);\n    this.resolveOptions(options);\n    this.initSelection();\n  }\n  /**\n   * Defines\nbase properties passed from constructor.\n   * @param {Object} options\n   */\n  _createClass(ClipboardAction, [{\n    key: 'resolveOptions',\n    value: function resolveOptions() {\n      var\noptions = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n      this.action =\noptions.action;\n      this.container = options.container;\n      this.emitter = options.emitter;\n      this.target\n= options.target;\n      this.text = options.text;\n      this.trigger = options.trigger;\n      this.selectedText\n= '';\n    }], [\n    /**\n     * Decides which selection strategy is going to be applied based\n     * on the\nexistence of `text` and `target` properties.\n     */\n    {\n      key: 'initSelection',\n      value: function\ninitSelection() {\n        if (this.text) {\n          this.selectFake();\n        } else if (this.target) {\n          this.selectTarget();\n        }\n      }\n    },\n    /**\n     * Creates a fake textarea element, sets its value from `text`\nproperty,\n     * and makes a selection on it.\n     */\n    {\n      key: 'selectFake',\n      value: function\nselectFake() {\n        var _this = this;\n        var isRTL = document.documentElement.getAttribute('dir') ==\n'rtl';\n        this.removeFake();\n        this.fakeHandlerCallback = function () {\n          return\n_this.removeFake();\n        }; \n        this.fakeHandler = this.container.addEventListener('click',\nthis.fakeHandlerCallback) || true;\n        this.fakeElem = document.createElement('textarea');\n        // Prevent\nzooming on iOS\n        this.fakeElem.style.fontSize = '12pt';\n        // Reset box model\n        this.fakeElem.style.border = '0';\n        this.fakeElem.style.padding = '0';\n        this.fakeElem.style.margin =\n'0';\n        // Move element out of screen horizontally\n        this.fakeElem.style.position = 'absolute';\n        this.fakeElem.style[isRTL ? 'right' : 'left'] = '-9999px';\n        // Move element to the same position vertically\n        var yPosition = window.pageYOffset || document.documentElement.scrollTop;\n        this.fakeElem.style.top =\nyPosition + 'px';\n        this.fakeElem.setAttribute('readonly', '');\n        this.fakeElem.value = this.text;\n        this.container.appendChild(this.fakeElem);\n        this.selectedText = (0, _select2.default)(this.fakeElem);\n        this.copyText();\n      }\n    },\n    /**\n     * Only removes the fake element after another click event, that\nway\n     * a user can hit `Ctrl+C` to copy because selection still exists.\n     */\n    {\n      key:\n'removeFake',\n      value: function\nremoveFake() {\n        if (this.fakeHandler) {\n          this.container.removeEventListener('click', this.fakeHandlerCallback);\n          this.fakeHandler = null;\n          this.fakeHandlerCallback = null;\n        }\n        if (this.fakeElem) {\n          this.container.removeChild(this.fakeElem);\n          this.fakeElem = null;\n        }\n      }\n    },\n    /**\n     * *\nSelects the content from element passed on `target` property.\n     */\n    {\n      key: 'selectTarget',\n      value: function\nselectTarget() {\n        this.selectedText = (0, _select2.default)(this.target);\n        this.copyText();\n      }\n    },\n    /**\n     * Executes the copy operation based on the current selection.\n     */\n    {\n      key: 'copyText',\n      value: function\ncopyText() {\n        var succeeded = void 0;\n        try {\n          succeeded = document.execCommand(this.action);\n        } catch (err) {\n          succeeded =\nfalse;\n        }\n        this.handleResult(succeeded);\n      }\n    },\n    /**\n     * Fires an event based on the\ncopy operation result.\n     * @param {Boolean} succeeded\n     */\n    {\n      key: 'handleResult',\n      value: function\nhandleResult(succeeded) {\n        this.emitter.emit(succeeded ? 'success' : 'error', {\n          action: this.action,\n          text: this.selectedText,\n          trigger: this.trigger,\n          clearSelection:\nthis.clearSelection.bind(this)\n        });\n      }\n    },\n    /**\n     * Moves focus away from `target` and back to\nthe trigger, removes current selection.\n     */\n    {\n      key: 'clearSelection',\n      value: function\nclearSelection() {\n        if (this.trigger) {\n          this.trigger.focus();\n        }\n        window.getSelection().removeAllRanges();\n      }\n    },\n    /**\n     * Sets the `action` to be performed which\ncan be either 'copy' or 'cut'.\n     * @param {String} action\n     */\n    {\n      key: 'destroy',\n      value: function\ndestroy() {\n        this.removeFake();\n      }\n    },\n    /**\n     * Destroy lifecycle.\n     */\n    {\n      key: 'action',\n      set: function\nset() {\n        var action = arguments.length > 0 && arguments[0] !==\nundefined ? arguments[0] : 'copy';\n        this._action = action;\n        if (this._action !== 'copy' &&\nthis._action !== 'cut') {\n          throw new Error('Invalid `action` value, use either `copy` or `cut`');\n        }\n      }\n    },\n    /**\n     * Gets the `action` property.\n     * @return {String}\n     */\n    {\n      key: 'get',\n      value: function\nget() {\n        return this._action;\n      }\n    }\n  ]), {});\n}

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function get() {\n      return this._action;\n    }\n\n    /**\n     * Sets the `target` property using an\n     element\n     * that will be have its content copied.\n     * @param {Element} target\n     * ^\n     }, {\n     key: 'target',\n     set: function set(target) {\n       if (target !== undefined) {\n         if (target && (typeof\n         target === 'undefined' ? 'undefined' : _typeof(target)) === 'object' && target.nodeType === 1) {\n           if\n           (this.action === 'copy' && target.hasAttribute('disabled')) {\n             throw new Error('Invalid \"target\"\n             attribute. Please use \"readonly\" instead of \"disabled\" attribute');\n           }\n           if (this.action ===\n           'cut' && (target.hasAttribute('readonly') || target.hasAttribute('disabled'))) {\n             throw new\n             Error('Invalid \"target\" attribute. You can\\'t cut text from elements with \"readonly\" or \"disabled\" attributes');\n           }\n\n           this._target = target;\n         } else {\n           throw new Error('Invalid \"target\"\n           value, use a valid Element');\n         }\n       }\n     }\n\n     /**\n     * Gets the `target` property.\n     *\n     * @return {String|HTMLElement}\n     * ^\n     },\n     get: function get() {\n       return this._target;\n     }\n   });\n\n   return ClipboardAction;\n\n   module.exports = ClipboardAction;\n\n   /**\n   * ^\n   */\n\n   (function(module, exports) {\n     function select(element) {\n       var selectedText;\n\n       if (element.nodeName ===\n       'SELECT') {\n         element.focus();\n         selectedText = element.value;\n       } else if (element.nodeName ===\n       'INPUT' || element.nodeName === 'TEXTAREA') {\n         var isReadOnly = element.hasAttribute('readonly');\n\n         if (!isReadOnly) {\n           element.setAttribute('readonly', '');\n           element.select();\n           element.setSelectionRange(0, element.value.length);\n\n           if (!isReadOnly) {\n             element.removeAttribute('readonly');\n           }\n\n           selectedText = element.value;\n         } else {\n           if\n           (element.hasAttribute('contenteditable')) {\n             element.focus();\n           }\n\n           var selection =\n           window.getSelection();\n           var range = document.createRange();\n           range.selectNodeContents(element);\n           selection.removeAllRanges();\n           selection.addRange(range);\n\n           selectedText = selection.toString();\n         }\n\n         return selectedText;\n       }\n\n       module.exports = select;\n\n       /**\n       * ^\n       */\n\n       (function(module, exports)\n       {\n         function E () {\n           // Keep this empty so it's easier to inherit from\n           // (via https://github.com/lipsmack from\n           https://github.com/scottcorgan/tiny-emitter/issues/3)\n           E.prototype = {\n             on: function (name, callback, ctx) {\n               var e = this.e || (this.e = {});\n\n               (e[name] || (e[name] = [])).push({\n                 fn: callback,\n                 ctx: ctx\n               });\n\n               return this;\n             },\n             once: function (name, callback, ctx) {\n               var self = this;\n               function listener () {\n                 self.off(name, listener);\n                 callback.apply(ctx, arguments);\n               }\n\n               listener._ = callback\n               return\n               this.on(name, listener, ctx);\n             },\n             emit: function (name) {\n               var data = [].slice.call(arguments, 1);\n               var\n               evtArr = ((this.e || (this.e = {}))[name] || []).slice();\n               var i = 0;\n               var len = evtArr.length;\n\n               for (i; i < len;\n               i++) {\n                 evtArr[i].fn.apply(evtArr[i].ctx, data);\n               }\n\n               return this;\n             },\n             off: function (name, callback) {\n               var e = this.e || (this.e = {});\n               var evts = e[name];\n               var liveEvents = [];\n\n               if (evts && callback) {\n                 for\n                 (var i = 0, len = evts.length; i < len; i++) {\n                   if (evts[i].fn !== callback && evts[i].fn._ !== callback)\n                   liveEvents.push(evts[i]);\n                 }\n\n                 // Remove event from queue to prevent memory leak\n                 // Suggested by\n                 https://github.com/lazd\n                 // Ref: https://github.com/scottcorgan/tiny-\n                 emitter/commit/c6ebfaa9bc973b33d110a84a307742b7cf94c953#commitcomment-5024910\n\n                 (liveEvents.length)\n                 ? e[name] = liveEvents\n                 : delete e[name];\n\n                 return this;\n               }\n\n               module.exports\n               = E;\n\n               /**\n               * ^\n               */\n\n               (function(module, exports, __webpack_require__) {\n                 nvar is =\n                 __webpack_require__(5);\n                 nvar delegate = __webpack_require__(6);\n\n                 /**\n                 * ^\n                 */\n\n                 * Validates all params and calls the\n                 right\n                 * listener function based on its target type.\n                 *\n                 * @param\n                 {String|HTMLElement|HTMLCollection|NodeList} target\n                 * @param {String} type\n                 * @param {Function}\n                 callback\n                 * @return {Object}\n\n                 ^\n                 function listen(target, type, callback) {\n                   if (!target && !type && !callback)\n                   {\n                     throw new Error('Missing required arguments');\n                   }\n\n                   if (!is.string(type)) {\n                     throw new\n                     TypeError('Second argument must be a String');\n                   }\n\n                   if (!is.fn(callback)) {\n                     throw new\n                     TypeError('Third\n                     argument must be a Function');\n                   }\n\n                   if (is.node(target)) {\n                     return listenNode(target, type, callback);\n                   }\n\n                   else if (is.nodeList(target)) {\n                     return listenNodeList(target, type, callback);\n                   }\n\n                   else if\n                   (is.string(target)) {\n                     return listenSelector(target, type, callback);\n                   }\n\n                   else {\n                     throw new\n                     TypeError('First argument must be a String, HTMLElement, HTMLCollection, or\n                     NodeList');\n                   }\n                 }\n\n                 /**\n                 * ^\n                 */\n\n                 * Adds an event listener to a HTML element\n                 * and returns a remove listener function.\n                 *\n                 * @param

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{HTMLElement} node\n * @param {String} type\n * @param {Function} callback\n * @return {Object}\n
*\nfunction listenNode(node, type, callback) {\n  node.addEventListener(type, callback);\n  return {\n
destroy: function() {\n    node.removeEventListener(type, callback);\n  }\n }\n}\n\n**\n * Add an event
listener to a list of HTML elements\n * and returns a remove listener function.\n *\n * @param
{NodeList|HTMLCollection} nodeList\n * @param {String} type\n * @param {Function} callback\n * @return
{Object}\n *\nfunction listenNodeList(nodeList, type, callback) {\n  Array.prototype.forEach.call(nodeList,
function(node) {\n    node.addEventListener(type, callback);\n  });\n  return {\n  destroy: function() {\n
    Array.prototype.forEach.call(nodeList, function(node) {\n      node.removeEventListener(type, callback);\n
    });\n  }\n }\n }\n}\n\n**\n * Add an event listener to a selector\n * and returns a remove listener function.\n
*\n * @param {String} selector\n * @param {String} type\n * @param {Function} callback\n * @return
{Object}\n *\nfunction listenSelector(selector, type, callback) {\n  return delegate(document.body, selector, type,
callback);\n }\n\nmodule.exports = listen;\n\n**\n / },\n / 5 *\n**\n / (function(module, exports) {\n\n**\n
 * Check if argument is a HTML element.\n *\n * @param {Object} value\n * @return {Boolean}\n *\nfunction node
= function(value) {\n  return value !== undefined\n    && value instanceof HTMLElement\n    &&
value.nodeType === 1;\n};\n\n**\n * Check if argument is a list of HTML elements.\n *\n * @param {Object}
value\n * @return {Boolean}\n *\nfunction nodeList = function(value) {\n  var type =
Object.prototype.toString.call(value);\n  return value !== undefined\n    && (type === '[object NodeList]' ||
type === '[object HTMLCollection]')\n    && ('length' in value)\n    && (value.length === 0 ||
exports.node(value[0]));\n}\n\n**\n * Check if argument is a string.\n *\n * @param {Object} value\n * @return
{Boolean}\n *\nfunction string = function(value) {\n  return typeof value === 'string'\n    || value instanceof
String;\n};\n\n**\n * Check if argument is a function.\n *\n * @param {Object} value\n * @return {Boolean}\n
*\nfunction fn = function(value) {\n  var type = Object.prototype.toString.call(value);\n  return type === '[object
Function]';\n};\n\n**\n / },\n / 6 *\n**\n / (function(module, exports, __webpack_require__) {\n\nvar closest =
__webpack_require__(7);\n\n**\n * Delegates event to a selector.\n *\n * @param {Element} element\n * @param
{String} selector\n * @param {String} type\n * @param {Function} callback\n * @param {Boolean} useCapture\n
 * @return {Object}\n *\nfunction _delegate(element, selector, type, callback, useCapture) {\n  var listenerFn =
listener.apply(this, arguments);\n  element.addEventListener(type, listenerFn, useCapture);\n  return {\n
destroy: function() {\n    element.removeEventListener(type, listenerFn, useCapture);\n  }\n }\n}\n\n**\n
 * Delegates event to a selector.\n *\n * @param {Element|String|Array} [elements]\n * @param {String} selector\n
 * @param {String} type\n * @param {Function} callback\n * @param {Boolean} useCapture\n * @return
{Object}\n *\nfunction delegate(elements, selector, type, callback, useCapture) {\n  // Handle the regular Element
usage\n  if (typeof elements.addEventListener === 'function') {\n    return _delegate.apply(null, arguments);\n
  }\n  // Handle Element-less usage, it defaults to global delegation\n  if (typeof type === 'function') {\n    //
Use `document` as the first parameter, then apply arguments\n    // This is a short way to .unshift `arguments`\n
without running into deoptimizations\n    return _delegate.bind(null, document).apply(null, arguments);\n  }\n  //
Handle Selector-based usage\n  if (typeof elements === 'string') {\n    elements =
document.querySelectorAll(elements);\n  }\n  // Handle Array-like based usage\n  return
Array.prototype.map.call(elements, function (element) {\n    return _delegate(element, selector, type, callback,
useCapture);\n  });\n}\n\n**\n * Finds closest match and invokes callback.\n *\n * @param {Element} element\n
 * @param {String} selector\n * @param {String} type\n * @param {Function} callback\n * @return {Function}\n
*\nfunction listener(element, selector, type, callback) {\n  return function(e) {\n    e.delegateTarget =
closest(e.target, selector);\n    if (e.delegateTarget) {\n      callback.call(element, e);\n    }\n  }\n}\n\nmodule.exports = delegate;\n\n**\n / },\n / 7 *\n**\n / (function(module, exports) {\n\nvar
DOCUMENT_NODE_TYPE = 9;\n\n**\n * A polyfill for Element.matches()\n *\nfunction matches(Element) {\n  if (typeof Element !==
'undefined' && !Element.prototype.matches) {\n    var proto = Element.prototype;\n    proto.matches =
proto.matchesSelector ||\n      proto.mozMatchesSelector ||\n      proto.msMatchesSelector ||\n      proto.oMatchesSelector ||\n      proto.webkitMatchesSelector;\n  }\n}\n\n**\n * Finds the closest parent
that matches a selector.\n *\n * @param {Element} element\n * @param {String} selector\n * @return

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{Function}}\n */\nfunction closest (element, selector) {\n  while (element && element.nodeType !==
DOCUMENT_NODE_TYPE) {\n    if (typeof element.matches === 'function' &&\n
element.matches(selector)) {\n      return element;\n    }\n    element = element.parentNode;\n  }\n}\n\nmodule.exports = closest;\n\n/***/ })\n/***/ );\n});\n","use strict";\n\nvar isSymbol = require('./is-symbol');\n\nmodule.exports = function (value) {\n  if (!isSymbol(value)) throw new TypeError(value + " is not a symbol");\n  return value;\n};\n\n","var assocIndexOf = require('./_assocIndexOf');\n\n/**\n * Gets the list cache value for `key`.\n * @private\n * @name get\n * @memberOf ListCache\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry value.\n */\nfunction listCacheGet(key) {\n  var data = this.__data__;\n  index = assocIndexOf(data, key);\n  return index < 0 ? undefined : data[index][1];\n}\n\nmodule.exports = listCacheGet;\n\n","var getNative = require('./_getNative'),\n root = require('./_root');\n\n/* Built-in method references that are verified to be native. */\nvar DataView = getNative(root, 'DataView');\n\nmodule.exports = DataView;\n\n","use strict";\n\nvar validTypes = { object: true, symbol: true };\n\nmodule.exports = function () {\n  var symbol;\n  if (typeof Symbol !== 'function') return false;\n  symbol = Symbol('test symbol');\n  try { String(symbol); } catch (e) { return false; }\n  // Return 'true' also for polyfills\n  (!validTypes[typeof Symbol.iterator]) return false;\n  (!validTypes[typeof Symbol.toPrimitive]) return false;\n  (!validTypes[typeof Symbol.toStringTag]) return false;\n  return true;\n};\n\n","var baseMatches = require('./_baseMatches'),\n baseMatchesProperty = require('./_baseMatchesProperty'),\n identity = require('./_identity'),\n isArray = require('./isArray'),\n property = require('./_property');\n\n/**\n * The base implementation of `_.iteratee`.\n * @private\n * @param {*} [value=_identity] The value to convert to an iteratee.\n * @returns {Function} Returns the iteratee.\n */\nfunction baseIteratee(value) {\n  // Don't store the `typeof` result in a variable to avoid a JIT bug in Safari 9.\n  // See https://bugs.webkit.org/show_bug.cgi?id=156034 for more details.\n  if (typeof value === 'function') {\n    return value;\n  }\n  if (value === null) {\n    return identity;\n  }\n  if (typeof value === 'object') {\n    return isArray(value) ? baseMatchesProperty(value[0], value[1]) : baseMatches(value);\n  }\n  return property(value);\n}\n\nmodule.exports = baseIteratee;\n\n","var nativeCreate = require('./_nativeCreate');\n\n/**\n * Used to stand-in for `undefined` hash values. */\nvar HASH_UNDEFINED = '__lodash_hash_undefined__';\n\n/**\n * Used for built-in method references. */\nvar objectProto = Object.prototype;\n\n/**\n * Used to check objects for own properties. */\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Gets the hash value for `key`.\n * @private\n * @name get\n * @memberOf Hash\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry value.\n */\nfunction hashGet(key) {\n  var data = this.__data__;\n  if (nativeCreate) {\n    var result = data[key];\n    return result === HASH_UNDEFINED ? undefined : result;\n  }\n  return hasOwnProperty.call(data, key) ? data[key] : undefined;\n}\n\nmodule.exports = hashGet;\n\n","var anObject = require('./_an-object');\n\nvar isObject = require('./_is-object');\n\nvar newPromiseCapability = require('./_new-promise-capability');\n\nmodule.exports = function (C, x) {\n  anObject(C);\n  if (isObject(x) && x.constructor === C) return x;\n  var promiseCapability = newPromiseCapability.f(C);\n  var resolve = promiseCapability.resolve;\n  resolve(x);\n  return promiseCapability.promise;\n};\n\n","// 7.2.1 RequireObjectCoercible(argument)\nmodule.exports = function (it) {\n  if (it === undefined) throw TypeError("Can't call method on " + it);\n  return it;\n};\n\n","function\n_defineProperties(target, props) {\n  for (var i = 0; i < props.length; i++) {\n    var descriptor = props[i];\n    descriptor.enumerable = descriptor.enumerable || false;\n    descriptor.configurable = true;\n    if ("value" in descriptor) descriptor.writable = true;\n    Object.defineProperty(target, descriptor.key, descriptor);\n  }\n}\n\n\nexport default function _createClass(Constructor, protoProps, staticProps) {\n  if (protoProps) _defineProperties(Constructor.prototype, protoProps);\n  if (staticProps) _defineProperties(Constructor, staticProps);\n  return Constructor;\n}\n\n","var baseIsEqualDeep = require('./_baseIsEqualDeep'),\n isObjectLike = require('./isObjectLike');\n\n/**\n * The base implementation of `_.isEqual` which supports partial comparisons\n * and tracks traversed objects.\n * @private\n * @param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @param {boolean} bitmask The bitmask flags.\n * 1 - Unordered comparison\n * 2 - Partial comparison\n * @param {Function} [customizer] The function to customize comparisons.\n * @param {Object} [stack] Tracks traversed `value` and `other` objects.\n * @returns {boolean} Returns `true` if the values
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are equivalent, else `false`.
function baseIsEqual(value, other, bitmask, customizer, stack) {
  if (value === other) {
    return true;
  }
  if (value == null || other == null || (!isObjectLike(value) && !isObjectLike(other))) {
    return value !== value && other !== other;
  }
  return baseIsEqualDeep(value, other, bitmask, customizer, baseIsEqual, stack);
}

module.exports = baseIsEqual;
/*!
 * Font Awesome Free 5.5.0 by @fontawesome -
 * https://fontawesome.com
 * License - https://fontawesome.com/license/free (Icons: CC BY 4.0, Fonts: SIL OFL 1.1, Code: MIT License)
 */
var noop = function noop() {};
var _WINDOW = {};
var _DOCUMENT = {};
var _MUTATION_OBSERVER$1 = null;
var _PERFORMANCE = { mark: noop, measure: noop };
if (typeof window !== 'undefined') _WINDOW = window;
if (typeof document !== 'undefined') _DOCUMENT = document;
if (typeof MutationObserver !== 'undefined') _MUTATION_OBSERVER$1 = MutationObserver;
if (typeof performance !== 'undefined') _PERFORMANCE = performance;
} catch (e) {}
var _ref = _WINDOW.navigator || {};
var _ref$userAgent = _ref.userAgent;
var userAgent = _ref$userAgent === undefined ? '' : _ref$userAgent;
var WINDOW = _WINDOW;
var DOCUMENT = _DOCUMENT;
var MUTATION_OBSERVER = _MUTATION_OBSERVER$1;
var PERFORMANCE = _PERFORMANCE;
var IS_DOM = !!(DOCUMENT.documentElement && !!(DOCUMENT.head && typeof DOCUMENT.addEventListener === 'function' && typeof DOCUMENT.createElement === 'function'));
var IS_IE = ~userAgent.indexOf('MSIE') || ~userAgent.indexOf('Trident/');
var NAMESPACE_IDENTIFIER = '__FONT_AWESOME__';
var UNITS_IN_GRID = 16;
var DEFAULT_FAMILY_PREFIX = 'fa';
var DEFAULT_REPLACEMENT_CLASS = 'svg-inline--fa';
var DATA_FA_I2SVG = 'data-fa-i2svg';
var DATA_FA_PSEUDO_ELEMENT = 'data-fa-pseudo-element';
var DATA_PREFIX = 'data-prefix';
var DATA_ICON = 'data-icon';
var HTML_CLASS_I2SVG_BASE_CLASS = 'fontawesome-i2svg';
var TAGNAMES_TO_SKIP_FOR_PSEUDOELEMENTS = ['HTML', 'HEAD', 'STYLE', 'SCRIPT'];
var PRODUCTION = function () {
  try {
    return process.env.NODE_ENV === 'production';
  } catch (e) {
    return false;
  }
}();
var oneToTen = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];
var oneToTwenty = oneToTen.concat([11, 12, 13, 14, 15, 16, 17, 18, 19, 20]);
var ATTRIBUTES_WATCHED_FOR_MUTATION = ['class', 'data-prefix', 'data-icon', 'data-fa-transform', 'data-fa-mask'];
var RESERVED_CLASSES = ['xs', 'sm', 'lg', 'fw', 'ul', 'li', 'border', 'pull-left', 'pull-right', 'spin', 'pulse', 'rotate-90', 'rotate-180', 'rotate-270', 'flip-horizontal', 'flip-vertical', 'stack', 'stack-1x', 'stack-2x', 'inverse', 'layers', 'layers-text', 'layers-counter'].concat(oneToTen.map(function (n) {
  return n + 'x';
})).concat(oneToTwenty.map(function (n) {
  return 'w-' + n;
}));
var classCallCheck = function (instance, Constructor) {
  if (!(instance instanceof Constructor)) {
    throw new TypeError("Cannot call a class as a function");
  }
};
var createClass = function () {
  function defineProperties(target, props) {
    for (var i = 0; i < props.length; i++) {
      var descriptor = props[i];
      descriptor.enumerable = descriptor.enumerable || false;
      descriptor.configurable = true;
      if ("value" in descriptor) descriptor.writable = true;
      Object.defineProperty(target, descriptor.key, descriptor);
    }
  }
  return function (Constructor, protoProps, staticProps) {
    if (protoProps) defineProperties(Constructor.prototype, protoProps);
    if (staticProps) defineProperties(Constructor, staticProps);
    return Constructor;
  };
}();
var _extends = Object.assign || function (target) {
  for (var i = 1; i < arguments.length; i++) {
    var source = arguments[i];
    for (var key in source) {
      if (Object.prototype.hasOwnProperty.call(source, key)) {
        target[key] = source[key];
      }
    }
  }
  return target;
};
var slicedToArray = function () {
  function sliceIterator(arr, i) {
    var _arr = [];
    var _n = true;
    var _d = false;
    var _e = undefined;
    try {
      for (var _i = arr[Symbol.iterator](), _s; !(_n = (_s = _i.next()).done); _n = true) {
        _arr.push(_s.value);
        if (i && _arr.length === i) break;
      }
    } catch (err) {
      _d = true;
      _e = err;
    } finally {
      try {
        if (!_n && _i["return"]) _i["return"]();
      } finally {
        if (_d) throw _e;
      }
    }
    return _arr;
  }
  return function (arr, i) {
    if (Array.isArray(arr)) {
      return arr;
    } else if (Symbol.iterator in Object(arr)) {
      return sliceIterator(arr, i);
    } else {
      throw new TypeError("Invalid attempt to destructure non-iterable instance");
    }
  };
}();
var toConsumableArray = function (arr) {
  if (Array.isArray(arr)) {
    for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];
    return arr2;
  } else {
    return Array.from(arr);
  }
};
var initial = WINDOW.FontAwesomeConfig || {};
function getAttrConfig(attr) {
  var element = DOCUMENT.querySelector('script[' + attr + ']');
  if (element) {
    return

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element.getAttribute(attr);\n } }\n\nfunction coerce(val) {\n // Getting an empty string will occur if the attribute is
set on the HTML tag but without a value\n // We'll assume that this is an indication that it should be toggled to
true\n // For example <script data-search-pseudo-elements src=\"...\"></script>\n if (val === "") return true;\n if
(val === 'false') return false;\n if (val === 'true') return true;\n return val;\n}\n\nif (DOCUMENT && typeof
DOCUMENT.querySelector === 'function') {\n var attrs = [['data-family-prefix', 'familyPrefix'], ['data-
replacement-class', 'replacementClass'], ['data-auto-replace-svg', 'autoReplaceSvg'], ['data-auto-add-css',
'autoAddCss'], ['data-auto-a11y', 'autoA11y'], ['data-search-pseudo-elements', 'searchPseudoElements'], ['data-
observe-mutations', 'observeMutations'], ['data-keep-original-source', 'keepOriginalSource'], ['data-measure-
performance', 'measurePerformance'], ['data-show-missing-icons', 'showMissingIcons']];\n\n attrs.forEach(function
(_ref) {\n var _ref2 = slicedToArray(_ref, 2),\n attr = _ref2[0],\n key = _ref2[1];\n\n var val =
coerce(getAttrConfig(attr));\n\n if (val !== undefined && val !== null) {\n initial[key] = val;\n }\n
});\n\n\nvar _default = _extends({\n familyPrefix: DEFAULT_FAMILY_PREFIX,\n replacementClass:
DEFAULT_REPLACEMENT_CLASS,\n autoReplaceSvg: true,\n autoAddCss: true,\n autoA11y: true,\n
searchPseudoElements: false,\n observeMutations: true,\n keepOriginalSource: true,\n measurePerformance:
false,\n showMissingIcons: true\n}, initial);\n\nif (!_default.autoReplaceSvg) _default.observeMutations =
false;\n\nvar config = _extends({}, _default);\n\nWINDOW.FontAwesomeConfig = config;\n\nvar w = WINDOW ||
{};\n\nif (!w[NAMESPACE_IDENTIFIER]) w[NAMESPACE_IDENTIFIER] = {};\n\nif
(!w[NAMESPACE_IDENTIFIER].styles) w[NAMESPACE_IDENTIFIER].styles = {};\n\nif
(!w[NAMESPACE_IDENTIFIER].hooks) w[NAMESPACE_IDENTIFIER].hooks = {};\n\nif
(!w[NAMESPACE_IDENTIFIER].shims) w[NAMESPACE_IDENTIFIER].shims = [];\n\nvar namespace =
w[NAMESPACE_IDENTIFIER];\n\nvar functions = [];\n\nvar listener = function listener() {\n
DOCUMENT.removeEventListener('DOMContentLoaded', listener);\n loaded = 1;\n functions.map(function (fn)
{\n return fn();\n });\n};\n\nvar loaded = false;\n\nif (IS_DOM) {\n loaded =
(DOCUMENT.documentElement.doScroll ? /^loaded|^c/ : /^loaded|^i|^c/).test(DOCUMENT.readyState);\n\n if
(!loaded) DOCUMENT.addEventListener('DOMContentLoaded', listener);\n\n\nvar domready = function (fn) {\n
if (!IS_DOM) return;\n loaded ? setTimeout(fn, 0) : functions.push(fn);\n};\n\nvar d = UNITS_IN_GRID;\n\nvar
meaninglessTransform = {\n size: 16,\n x: 0,\n y: 0,\n rotate: 0,\n flipX: false,\n flipY: false\n};\n\nfunction
isReserved(name) {\n return ~RESERVED_CLASSES.indexOf(name);\n}\n\n\nfunction insertCss(css) {\n if
(!css || !IS_DOM) {\n return;\n }\n\n var style = DOCUMENT.createElement('style');\n style.setAttribute('type',
'text/css');\n style.innerHTML = css;\n\n var headChildren = DOCUMENT.head.childNodes;\n var beforeChild =
null;\n\n for (var i = headChildren.length - 1; i > -1; i--) {\n var child = headChildren[i];\n var tagName =
(child.tagName || "").toUpperCase();\n if (['STYLE', 'LINK'].indexOf(tagName) > -1) {\n beforeChild = child;\n
}\n }\n\n DOCUMENT.head.insertBefore(style, beforeChild);\n\n return css;\n}\n\nvar idPool =
'0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ';\n\nfunction nextUniqueId()
{\n var size = 12;\n var id = "";\n while (size-- > 0) {\n id += idPool[Math.random() * 62 | 0];\n }\n return
id;\n}\n\nfunction toArray(obj) {\n var array = [];\n\n for (var i = (obj || []).length >>> 0; i--;) {\n array[i] =
obj[i];\n }\n\n return array;\n}\n\nfunction classArray(node) {\n if (node.classList) {\n return
toArray(node.classList);\n } else {\n return (node.getAttribute('class') || "").split(' ').filter(function (i) {\n
return i;\n });\n }\n}\n\nfunction getIconName(familyPrefix, cls) {\n var parts = cls.split('-');\n var prefix = parts[0];\n
var iconName = parts.slice(1).join('-');\n\n if (prefix === familyPrefix && iconName !== "" &&
!isReserved(iconName)) {\n return iconName;\n } else {\n return null;\n }\n}\n\nfunction htmlEscape(str) {\n
return (" + str).replace(/&/g, '&').replace(/</g, '&lt;').replace(/>/g, '&gt;');\n}\n\nfunction joinAttributes(attributes) {\n return Object.keys(attributes || {}).reduce(function (acc,
attributeName) {\n return acc + (attributeName + '=' + htmlEscape(attributes[attributeName]) + '"');\n },
"").trim();\n}\n\nfunction joinStyles(styles) {\n return Object.keys(styles || {}).reduce(function (acc, styleName) {\n
return acc + (styleName + ':' + styles[styleName] + ';');\n }, "");\n}\n\nfunction transformIsMeaningful(transform)
{\n return transform.size !== meaninglessTransform.size || transform.x !== meaninglessTransform.x || transform.y
!== meaninglessTransform.y || transform.rotate !== meaninglessTransform.rotate || transform.flipX ||

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transform.flipY;\n}\n\nfunction transformForSvg(_ref) {\n  var transform = _ref.transform,\n      containerWidth =\n      _ref.containerWidth,\n      iconWidth = _ref.iconWidth;\n  \n  var outer = {\n    transform: 'translate(' +\n    containerWidth / 2 + ' 256)\n  };\n  var innerTranslate = 'translate(' + transform.x * 32 + ', ' + transform.y * 32 + ')\n  ';\n  var innerScale = 'scale(' + transform.size / 16 * (transform.flipX ? -1 : 1) + ', ' + transform.size / 16 *\n  (transform.flipY ? -1 : 1) + ');\n  var innerRotate = 'rotate(' + transform.rotate + ' 0 0);\n  var inner = {\n    transform: innerTranslate + ' ' + innerScale + ' ' + innerRotate\n  };\n  var path = {\n    transform: 'translate(' +\n    iconWidth / 2 * -1 + ' -256)\n  };\n  return {\n    outer: outer,\n    inner: inner,\n    path: path\n  };\n}\n\nfunction\ntransformForCss(_ref2) {\n  var transform = _ref2.transform,\n      _ref2$width = _ref2.width,\n      width =\n      _ref2$width === undefined ? UNITS_IN_GRID : _ref2$width,\n      _ref2$height = _ref2.height,\n      height =\n      _ref2$height === undefined ? UNITS_IN_GRID : _ref2$height,\n      _ref2$startCentered = _ref2.startCentered,\n      startCentered = _ref2$startCentered === undefined ? false : _ref2$startCentered;\n  \n  var val = '';\n  \n  if\n  (startCentered && IS_IE) {\n    val += 'translate(' + (transform.x / d - width / 2) + 'em, ' + (transform.y / d - height /\n  2) + 'em)';\n  } else if (startCentered) {\n    val += 'translate(calc(-50% + ' + transform.x / d + 'em), calc(-50% + ' +\n  transform.y / d + 'em))';\n  } else {\n    val += 'translate(' + transform.x / d + 'em, ' + transform.y / d + 'em)';\n  }\n  \n  val += 'scale(' + transform.size / d * (transform.flipX ? -1 : 1) + ', ' + transform.size / d * (transform.flipY ? -1 : 1) +\n  ');\n  val += 'rotate(' + transform.rotate + 'deg)';\n  \n  return val;\n}\n\nvar ALL_SPACE = {\n  x: 0,\n  y: 0,\n  width: '100%',\n  height: '100%'\n};\n\nvar makeIconMasking = function (_ref) {\n  var children = _ref.children,\n      attributes = _ref.attributes,\n      main = _ref.main,\n      mask = _ref.mask,\n      transform = _ref.transform;\n  \n  var mainWidth = main.width,\n      mainPath = main.icon;\n  \n  var maskWidth = mask.width,\n      maskPath =\n      mask.icon;\n  \n  var trans = transformForSvg({ transform: transform, containerWidth: maskWidth, iconWidth:\n  mainWidth });\n  \n  var maskRect = {\n    tag: 'rect',\n    attributes: _extends({}, ALL_SPACE, {\n      fill: 'white'\n    })\n  };\n  \n  var maskInnerGroup = {\n    tag: 'g',\n    attributes: _extends({}, trans.inner),\n    children: [{ tag: 'path',\n    attributes: _extends({}, mainPath.attributes, trans.path, { fill: 'black' }) }]\n  };\n  \n  var maskOuterGroup = {\n    tag:\n    'g',\n    attributes: _extends({}, trans.outer),\n    children: [maskInnerGroup]\n  };\n  \n  var maskId = 'mask-' +\n  nextUniqueId();\n  \n  var clipId = 'clip-' + nextUniqueId();\n  \n  var maskTag = {\n    tag: 'mask',\n    attributes:\n    _extends({}, ALL_SPACE, {\n      id: maskId,\n      maskUnits: 'userSpaceOnUse',\n      maskContentUnits:\n      'userSpaceOnUse'\n    })\n  },\n  children: [maskRect, maskOuterGroup]\n  };\n  \n  var defs = {\n    tag: 'defs',\n    children: [{ tag: 'clipPath', attributes: { id: clipId }, children: [maskPath] }, maskTag]\n  };\n  \n  children.push(defs, {\n  tag: 'rect', attributes: _extends({ fill: 'currentColor', 'clip-path': 'url(#' + clipId + ')', mask: 'url(#' + maskId + ')' },\n  ALL_SPACE)});\n  \n  return {\n    children: children,\n    attributes: attributes\n  };\n}\n\nvar makeIconStandard =\nfunction (_ref) {\n  var children = _ref.children,\n      attributes = _ref.attributes,\n      main = _ref.main,\n      transform = _ref.transform,\n      styles = _ref.styles;\n  \n  var styleString = joinStyles(styles);\n  \n  if\n  (styleString.length > 0) {\n    attributes['style'] = styleString;\n  }\n  \n  if (transformIsMeaningful(transform)) {\n    var trans = transformForSvg({ transform: transform, containerWidth: main.width, iconWidth: main.width });\n    children.push({\n      tag: 'g',\n      attributes: _extends({}, trans.outer),\n      children: [{\n        tag: 'g',\n        attributes: _extends({}, trans.inner),\n        children: [{\n          tag: main.icon.tag,\n          children:\n          main.icon.children,\n          attributes: _extends({}, main.icon.attributes, trans.path)\n        }]\n      }]\n    });\n  } else\n  {\n    children.push(main.icon);\n  }\n  \n  return {\n    children: children,\n    attributes: attributes\n  };\n}\n\nvar asIcon = function (_ref) {\n  var children = _ref.children,\n      main = _ref.main,\n      mask = _ref.mask,\n      attributes = _ref.attributes,\n      styles = _ref.styles,\n      transform = _ref.transform;\n  \n  if\n  (transformIsMeaningful(transform) && main.found && !mask.found) {\n    var width = main.width,\n        height =\n        main.height;\n    \n    var offset = {\n      x: width / height / 2,\n      y: 0.5\n    };\n    \n    attributes['style'] =\n    joinStyles(_extends({}, styles, {\n      'transform-origin': offset.x + transform.x / 16 + 'em ' + (offset.y + transform.y /\n  16) + 'em'\n    }));\n  }\n  \n  return [{\n    tag: 'svg',\n    attributes: attributes,\n    children: children\n  }];\n}\n\nvar\nasSymbol = function (_ref) {\n  var prefix = _ref.prefix,\n      iconName = _ref.iconName,\n      children =\n      _ref.children,\n      attributes = _ref.attributes,\n      symbol = _ref.symbol;\n  \n  var id = symbol === true ? prefix + '-\n  ' + config.familyPrefix + '-' + iconName : symbol;\n  \n  return [{\n    tag: 'svg',\n    attributes: {\n      style: 'display:\n      none';\n    },\n    children: [{\n      tag: 'symbol',\n      attributes: _extends({}, attributes, { id: id }),\n      children:

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children\n  }\n  });\n};\n\nfunction makeInlineSvgAbstract(params) {\n  var _params$icons = params.icons,\n  main = _params$icons.main,\n  mask = _params$icons.mask,\n  prefix = params.prefix,\n  iconName =\n  params.iconName,\n  transform = params.transform,\n  symbol = params.symbol,\n  title = params.title,\n  extra = params.extra,\n  _params$watchable = params.watchable,\n  watchable = _params$watchable ===\n  undefined ? false : _params$watchable;\n\n  var _ref = mask.found ? mask : main,\n  width = _ref.width,\n  height = _ref.height;\n\n  var widthClass = 'fa-w-' + Math.ceil(width / height * 16);\n  var attrClass =\n  [config.replacementClass, iconName ? config.familyPrefix + '-' + iconName : '', widthClass].filter(function (c) {\n  return extra.classes.indexOf(c) === -1;\n  }).concat(extra.classes).join(' ');\n\n  var content = {\n  children: [],\n  attributes: _extends({}, extra.attributes, {\n  'data-prefix': prefix,\n  'data-icon': iconName,\n  'class':\n  attrClass,\n  'role': 'img',\n  'xmlns': 'http://www.w3.org/2000/svg',\n  'viewBox': '0 0 ' + width + ' ' + height\n  })\n  };\n\n  if (watchable) {\n  content.attributes[DATA_FA_I2SVG] = '';\n  }\n\n  if (title)\n  content.children.push({ tag: 'title', attributes: { id: content.attributes['aria-labelledby'] || 'title-' + nextUniqueId() },\n  children: [title] });\n\n  var args = _extends({}, content, {\n  prefix: prefix,\n  iconName: iconName,\n  main:\n  main,\n  mask: mask,\n  transform: transform,\n  symbol: symbol,\n  styles: extra.styles\n  });\n\n  var _ref2 =\n  mask.found && main.found ? makeIconMasking(args) : makeIconStandard(args),\n  children = _ref2.children,\n  attributes = _ref2.attributes;\n\n  args.children = children;\n  args.attributes = attributes;\n\n  if (symbol) {\n  return asSymbol(args);\n  } else {\n  return asIcon(args);\n  }\n}\n\nfunction makeLayersTextAbstract(params) {\n  var content = params.content,\n  width = params.width,\n  height = params.height,\n  transform =\n  params.transform,\n  title = params.title,\n  extra = params.extra,\n  _params$watchable2 =\n  params.watchable,\n  watchable = _params$watchable2 === undefined ? false : _params$watchable2;\n\n  var\n  attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n  'class': extra.classes.join(' ')\n  });\n\n  if\n  (watchable) {\n  attributes[DATA_FA_I2SVG] = '';\n  }\n\n  var styles = _extends({}, extra.styles);\n\n  if\n  (transformIsMeaningful(transform)) {\n  styles['transform'] = transformForCss({ transform: transform,\n  startCentered: true, width: width, height: height });\n  styles['-webkit-transform'] = styles['transform'];\n  }\n\n  var\n  styleString = joinStyles(styles);\n\n  if (styleString.length > 0) {\n  attributes['style'] = styleString;\n  }\n\n  var val\n  = [];\n\n  val.push({\n  tag: 'span',\n  attributes: attributes,\n  children: [content]\n  });\n\n  if (title) {\n  val.push({\n  tag: 'span',\n  attributes: { class: 'sr-only' },\n  children: [title]\n  });\n  }\n\n  return val;\n}\n\nfunction\n  makeLayersCounterAbstract(params) {\n  var content = params.content,\n  title = params.title,\n  extra =\n  params.extra;\n\n  var\n  attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n  'class':\n  extra.classes.join(' ')\n  });\n\n  var\n  styleString = joinStyles(extra.styles);\n\n  if (styleString.length > 0) {\n  attributes['style'] = styleString;\n  }\n\n  var val\n  = [];\n\n  val.push({\n  tag: 'span',\n  attributes: attributes,\n  children: [content]\n  });\n\n  if (title) {\n  val.push({\n  tag: 'span',\n  attributes: { class: 'sr-only' },\n  children: [title]\n  });\n  }\n\n  return val;\n}\n\nvar\n  noop$2 = function noop() {};\n  var p = config.measurePerformance &&\n  PERFORMANCE && PERFORMANCE.mark && PERFORMANCE.measure ? PERFORMANCE : { mark:\n  noop$2, measure: noop$2 };\n  var preamble = 'FA \\5.5.0'';\n  var begin = function begin(name) {\n  p.mark(preamble + ' ' + name + ' begins');\n  return function () {\n  return end(name);\n  };\n  };\n  var end =\n  function end(name) {\n  p.mark(preamble + ' ' + name + ' ends');\n  p.measure(preamble + ' ' + name, preamble + ' ' +\n  name + ' begins', preamble + ' ' + name + ' ends');\n  };\n  var perf = { begin: begin, end: end };\n\n  use\n  strict';\n\n  /**\n  * Internal helper to bind a function known to have 4 arguments\n  * to a given context.\n  */\n  var\n  bindInternal4 = function bindInternal4 (func, thisContext) {\n  return function (a, b, c, d) {\n  return\n  func.call(thisContext, a, b, c, d);\n  };\n  };\n\n  use\n  strict';\n\n  /**\n  * # Reduce\n  * A fast object `.reduce()`\n  implementation.\n  * @param {Object} subject The object to reduce over.\n  * @param {Function} fn\n  The reducer function.\n  * @param {mixed} initialValue The initial value for the reducer, defaults to subject[0].\n  * @param {Object} thisContext The context for the reducer.\n  * @return {mixed} The final result.\n  */\n  var\n  reduce = function fastReduceObject (subject, fn, initialValue, thisContext) {\n  var\n  keys =\n  Object.keys(subject),\n  length = keys.length,\n  iterator = thisContext !== undefined ? bindInternal4(fn,\n  thisContext) : fn,\n  i, key, result;\n\n  if (initialValue === undefined) {\n  i = 1;\n  result = subject[keys[0]];\n  }\n  else {\n  i = 0;\n  result = initialValue;\n  }\n\n  for (; i < length; i++) {\n  key = keys[i];\n  result =

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iterator(result, subject[key], key, subject);\n } \n\n return result;\n};\n\nvar styles$2 = namespace.styles;\nvar shims
= namespace.shims;\n\nvar _byUnicode = {};\nvar _byLigature = {};\nvar _byOldName = {};\n\nvar build =
function build() {\n  var lookup = function lookup(reducer) {\n    return reduce(styles$2, function (o, style, prefix)
{\n      o[prefix] = reduce(style, reducer, {});\n      return o;\n    }, {});\n  };\n  _byUnicode = lookup(function (acc,
icon, iconName) {\n    acc[icon[3]] = iconName;\n    return acc;\n  });\n  _byLigature = lookup(function (acc,
icon, iconName) {\n    var ligatures = icon[2];\n    acc[iconName] = iconName;\n    ligatures.forEach(function
(ligature) {\n      acc[ligature] = iconName;\n    });\n    return acc;\n  });\n  var hasRegular = 'far' in styles$2;\n  _byOldName = reduce(shims, function (acc, shim) {\n    var oldName = shim[0];\n    var prefix = shim[1];\n    var
iconName = shim[2];\n    if (prefix === 'far' && !hasRegular) {\n      prefix = 'fas';\n    }\n    acc[oldName] = {
prefix: prefix, iconName: iconName };\n    return acc;\n  }, {});\n  build();\n}\n\nfunction byUnicode(prefix,
unicode) {\n  return _byUnicode[prefix][unicode];\n}\n\nfunction byLigature(prefix, ligature) {\n  return
_byLigature[prefix][ligature];\n}\n\nfunction byOldName(name) {\n  return _byOldName[name] || { prefix: null,
iconName: null };\n}\n\nvar styles$1 = namespace.styles;\n\nvar emptyCanonicalIcon = function
emptyCanonicalIcon() {\n  return { prefix: null, iconName: null, rest: [] };\n}\n\nfunction getCanonicalIcon(values)
{\n  return values.reduce(function (acc, cls) {\n    var iconName = getIconName(config.familyPrefix, cls);\n    if
(styles$1[cls]) {\n      acc.prefix = cls;\n    } else if (iconName) {\n      var shim = acc.prefix === 'fa' ?
byOldName(iconName) : {};\n      acc.iconName = shim.iconName || iconName;\n      acc.prefix = shim.prefix ||
acc.prefix;\n    } else if (cls !== config.replacementClass && cls.indexOf('fa-w-') !== 0) {\n      acc.rest.push(cls);\n
}\n    return acc;\n  }, emptyCanonicalIcon());\n}\n\nfunction iconFromMapping(mapping, prefix, iconName) {\n
if (mapping && mapping[prefix] && mapping[prefix][iconName]) {\n  return {\n    prefix: prefix,\n
iconName: iconName,\n    icon: mapping[prefix][iconName]\n  };\n}\n}\n\nfunction toHtml(abstractNodes) {\n
var tag = abstractNodes.tag,\n    _abstractNodes$attrib = abstractNodes.attributes,\n    attributes =
_abstractNodes$attrib === undefined ? {} : _abstractNodes$attrib,\n    _abstractNodes$childr =
abstractNodes.children,\n    children = _abstractNodes$childr === undefined ? [] : _abstractNodes$childr;\n\n if
(typeof abstractNodes === 'string') {\n  return htmlEscape(abstractNodes);\n } else {\n  return '<' + tag + ' ' +
joinAttributes(attributes) + '>' + children.map(toHtml).join("") + '<' + tag + '>';\n }\n}\n\nvar noop$1 = function
noop() {};\n\nfunction isWatched(node) {\n  var i2svg = node.getAttribute ? node.getAttribute(DATA_FA_I2SVG)
: null;\n  return typeof i2svg === 'string';\n}\n\nfunction getMutator() {\n  if (config.autoReplaceSvg === true) {\n
return mutators.replace;\n }\n\n var mutator = mutators[config.autoReplaceSvg];\n\n return mutator ||
mutators.replace;\n}\n\nvar mutators = {\n  replace: function replace(mutation) {\n    var node = mutation[0];\n    var
abstract = mutation[1];\n    var newOuterHTML = abstract.map(function (a) {\n      return toHtml(a);\n
}).join("\\n");\n\n    if (node.parentNode && node.outerHTML) {\n      node.outerHTML = newOuterHTML +
(config.keepOriginalSource && node.tagName.toLowerCase() !== 'svg' ? '<!-- ' + node.outerHTML + ' --> : ');\n
}\n    } else if (node.parentNode) {\n      var newNode = document.createElement('span');\n      node.parentNode.replaceChild(newNode, node);\n      newNode.outerHTML = newOuterHTML;\n    }\n  },\n  nest:
function nest(mutation) {\n    var node = mutation[0];\n    var abstract = mutation[1];\n\n    // If we already have a
replaced node we do not want to continue nesting within it.\n    // Short-circuit to the standard replacement\n    if
(~classArray(node).indexOf(config.replacementClass)) {\n      return mutators.replace(mutation);\n    }\n\n    var
forSvg = new RegExp(config.familyPrefix + '-.*');\n\n    delete abstract[0].attributes.style;\n\n    var splitClasses =
abstract[0].attributes.class.split(' ').reduce(function (acc, cls) {\n      if (cls === config.replacementClass ||
cls.match(forSvg)) {\n        acc.toSvg.push(cls);\n      } else {\n        acc.toNode.push(cls);\n      }\n    }, {});\n\n    abstract[0].attributes.class = splitClasses.toSvg.join(' ');\n\n    var
newInnerHTML = abstract.map(function (a) {\n      return toHtml(a);\n    }).join("\\n");\n\n    node.setAttribute('class',
splitClasses.toNode.join(' '));\n    node.setAttribute(DATA_FA_I2SVG, "");\n    node.innerHTML =
newInnerHTML;\n  }\n}\n\nfunction perform(mutations, callback) {\n  var callbackFunction = typeof callback ===
'function' ? callback : noop$1;\n\n  if (mutations.length === 0) {\n    callbackFunction();\n  } else {\n    var frame =
WINDOW.requestAnimationFrame || function (op) {\n      return op();\n    };\n\n    frame(function () {\n      var
mutator = getMutator();\n      var mark = perf.begin('mutate');\n\n      mutations.map(mutator);\n\n      mark();\n    });\n  }\n}\n\n

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callbackFunction();\n  });\n }\n\nvar disabled = false;\n\nfunction disableObservation(operation) {\n  disabled = true;\n  operation();\n  disabled = false;\n}\n\nvar mo = null;\n\nfunction observe(options) {\n  if (!MUTATION_OBSERVER) {\n    return;\n  }\n  if (!config.observeMutations) {\n    return;\n  }\n  var treeCallback = options.treeCallback,\n      nodeCallback = options.nodeCallback,\n      pseudoElementsCallback = options.pseudoElementsCallback,\n      _options$observeMutat = options.observeMutationsRoot,\n      observeMutationsRoot = _options$observeMutat === undefined ? DOCUMENT.body : _options$observeMutat;\n\n  mo = new MUTATION_OBSERVER(function (objects) {\n    if (disabled) return;\n\n    toArray(objects).forEach(function (mutationRecord) {\n      if (mutationRecord.type === 'childList' && mutationRecord.addedNodes.length > 0 && !isWatched(mutationRecord.addedNodes[0])) {\n        if (config.searchPseudoElements) {\n          pseudoElementsCallback(mutationRecord.target);\n        }\n        treeCallback(mutationRecord.target);\n      }\n\n      if (mutationRecord.type === 'attributes' && mutationRecord.target.parentNode && config.searchPseudoElements) {\n        pseudoElementsCallback(mutationRecord.target.parentNode);\n      }\n\n      if (mutationRecord.type === 'attributes' && isWatched(mutationRecord.target) && ~ATTRIBUTES_WATCHED_FOR_MUTATION.indexOf(mutationRecord.attributeName)) {\n        if (mutationRecord.attributeName === 'class') {\n          var _getCanonicalIcon = getCanonicalIcon(classArray(mutationRecord.target)),\n              prefix = _getCanonicalIcon.prefix,\n              iconName = _getCanonicalIcon.iconName;\n          if (prefix) mutationRecord.target.setAttribute('data-prefix', prefix);\n          if (iconName) mutationRecord.target.setAttribute('data-icon', iconName);\n        } else {\n          nodeCallback(mutationRecord.target);\n        }\n      }\n    });\n\n    if (!IS_DOM) return;\n\n    mo.observe(observeMutationsRoot, {\n      childList: true, attributes: true, characterData: true, subtree: true\n    });\n\n    function disconnect() {\n      if (!mo) return;\n      mo.disconnect();\n    }\n\n    var styleParser = function (node) {\n      var style = node.getAttribute('style');\n      var val = [];\n      if (style) {\n        val = style.split(';').reduce(function (acc, style) {\n          var styles = style.split(':');\n          var prop = styles[0];\n          var value = styles.slice(1);\n\n          if (prop && value.length > 0) {\n            acc[prop] = value.join(':').trim();\n          }\n          return acc;\n        }, {});\n      }\n      return val;\n    };\n\n    function toHex(unicode) {\n      var result = '';\n      for (var i = 0; i < unicode.length; i++) {\n        var hex = unicode.charCodeAt(i).toString(16);\n        result += ('000' + hex).slice(-4);\n      }\n      return result;\n    }\n\n    var classParser = function (node) {\n      var existingPrefix = node.getAttribute('data-prefix');\n      var existingIconName = node.getAttribute('data-icon');\n      var innerText = node.innerText !== undefined ? node.innerText.trim() : '';\n      var val = getCanonicalIcon(classArray(node));\n      if (existingPrefix && existingIconName) {\n        val.prefix = existingPrefix;\n        val.iconName = existingIconName;\n      }\n      if (val.prefix && innerText.length > 1) {\n        val.iconName = byLigature(val.prefix, node.innerText);\n      } else if (val.prefix && innerText.length === 1) {\n        val.iconName = byUnicode(val.prefix, toHex(node.innerText));\n      }\n      return val;\n    };\n\n    var parseTransformString = function parseTransformString(transformString) {\n      var transform = {\n        size: 16,\n        x: 0,\n        y: 0,\n        flipX: false,\n        flipY: false,\n        rotate: 0\n      };\n      if (!transformString) {\n        return transform;\n      } else {\n        return transformString.toLowerCase().split(' ').reduce(function (acc, n) {\n          var parts = n.toLowerCase().split('-');\n          var first = parts[0];\n          var rest = parts.slice(1).join('-');\n          if (first && rest === 'h') {\n            acc.flipX = true;\n            return acc;\n          }\n          if (first && rest === 'v') {\n            acc.flipY = true;\n            return acc;\n          }\n          rest = parseFloat(rest);\n          if (isNaN(rest)) {\n            return acc;\n          }\n          switch (first) {\n            case 'grow':\n              acc.size = acc.size + rest;\n              break;\n            case 'shrink':\n              acc.size = acc.size - rest;\n              break;\n            case 'left':\n              acc.x = acc.x - rest;\n              break;\n            case 'right':\n              acc.x = acc.x + rest;\n              break;\n            case 'up':\n              acc.y = acc.y - rest;\n              break;\n            case 'down':\n              acc.y = acc.y + rest;\n              break;\n            case 'rotate':\n              acc.rotate = acc.rotate + rest;\n              break;\n          }\n          return acc;\n        }, transform);\n      }\n    };\n\n    var transformParser = function (node) {\n      return parseTransformString(node.getAttribute('data-fa-transform'));\n    };\n\n    var symbolParser = function (node) {\n      var symbol = node.getAttribute('data-fa-symbol');\n      return symbol === null ? false : symbol === '' ? true : symbol;\n    };\n\n    var attributesParser = function (node) {\n      var extraAttributes = toArray(node.attributes).reduce(function (acc, attr) {\n        if (acc.name !== 'class' && acc.name !== 'style') {\n          return acc;\n        }\n      }, {});\n    };\n  });\n}

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acc[attr.name] = attr.value;\n  }\n  return acc;\n }, {});\n\n var title = node.getAttribute('title');\n\n if
(config.autoA11y) {\n  if (title) {\n    extraAttributes['aria-labelledby'] = config.replacementClass + '-title-' +
nextUniqueId();\n  } else {\n    extraAttributes['aria-hidden'] = 'true';\n  }\n }\n\n return
extraAttributes;\n};\n\nvar maskParser = function (node) {\n  var mask = node.getAttribute('data-fa-mask');\n\n if
(!mask) {\n  return emptyCanonicalIcon();\n } else {\n  return getCanonicalIcon(mask.split(' ').map(function (i)
{\n  return i.trim();\n }));\n }\n};\n\nvar blankMeta = {\n  iconName: null,\n  title: null,\n  prefix: null,\n
transform: meaninglessTransform,\n  symbol: false,\n  mask: null,\n  extra: { classes: [], styles: {}, attributes: {}
}\n};\n\nfunction parseMeta(node) {\n  var _classParser = classParser(node),\n  iconName =
_classParser.iconName,\n  prefix = _classParser.prefix,\n  extraClasses = _classParser.rest;\n\n var extraStyles
= styleParser(node);\n  var transform = transformParser(node);\n  var symbol = symbolParser(node);\n  var
extraAttributes = attributesParser(node);\n  var mask = maskParser(node);\n\n return {\n  iconName: iconName,\n
title: node.getAttribute('title'),\n  prefix: prefix,\n  transform: transform,\n  symbol: symbol,\n  mask: mask,\n
extra: {\n  classes: extraClasses,\n  styles: extraStyles,\n  attributes: extraAttributes\n }\n};\n}\n\nfunction
MissingIcon(error) {\n  this.name = 'MissingIcon';\n  this.message = error || 'Icon unavailable';\n  this.stack = new
Error().stack;\n}\n\nMissingIcon.prototype = Object.create(Error.prototype);\nMissingIcon.prototype.constructor =
MissingIcon;\n\nvar FILL = { fill: 'currentColor' }; \nvar ANIMATION_BASE = {\n  attributeType: 'XML',\n
repeatCount: 'indefinite',\n  dur: '2s'\n};\nvar RING = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n  d:
'M156.5,447.7l-12.6,29.5c-18.7-9.5-35.9-21.2-51.5-34.9l22.7-22.7c127.6,430.5,141.5,440,156.5,447.7z
M40.6,272H8.5c1.4,21.2,5.4,41.7,11.7,61.1L50,321.2C45.1,305.5,41.8,289,40.6,272z M40.6,240c1.4-18.8,5.2-
37,11.1-54.1l-29.5-12.6C14.7,194.3,10,216.7,8.5,240H40.6z M64.3,156.5c7.8-14.9,17.2-28.8,28.1-
41.5L69.7,92.3c-13.7,15.6-25.5,32.8-34.9,51.5L64.3,156.5z M397,419.6c-13.9,12-29.4,22.3-
46.1,30.4l11.9,29.8c20.7-9.9,39.8-22.6,56.9-37.6L397,419.6z M115,92.4c13.9-12,29.4-22.3,46.1-30.4l-11.9-29.8c-
20.7,9.9-39.8,22.6-56.8,37.6L115,92.4z M447.7,355.5c-7.8,14.9-17.2,28.8-28.1,41.5l22.7,22.7c13.7-15.6,25.5-
32.9,34.9-51.5L447.7,355.5z M471.4,272c-1.4,18.8-5.2,37-11.1,54.1l29.5,12.6c7.5-21.1,12.2-43.5,13.6-
66.8H471.4z M321.2,462c-15.7,5-32.2,8.2-49.2,9.4v32.1c21.2-1.4,41.7-5.4,61.1-11.7L321.2,462z M240,471.4c-
18.8-1.4-37.5-2-54.1-11.1l-12.6,29.5c21.1,7.5,43.5,12.2,66.8,13.6V471.4z
M462,190.8c5,15.7,8.2,32.2,9.4,49.2h32.1c-1.4-21.2-5.4-41.7-11.7-61.1L462,190.8z M92.4,397c-12-13.9-22.3-
29.4-30.4-46.1l-29.8,11.9c9.9,20.7,22.6,39.8,37.6,56.9L92.4,397z M272,40.6c18.8,1.4,36.9,5.2,54.1,11.1l12.6-
29.5C317.7,14.7,295.3,10,272,8.5V40.6z M190.8,50c15.7-5,32.2-8.2,49.2-9.4V8.5c-21.2,1.4-41.7,5.4-
61.1,11.7L190.8,50z M442.3,92.3L419.6,115c12,13.9,22.3,29.4,30.5,46.1l29.8-
11.9C470,128.5,457.3,109.4,442.3,92.3z M397,92.4l22.7-22.7c-15.6-13.7-32.8-25.5-51.5-34.9l-12.6,29.5
C370.4,72.1,384.4,81.5,397,92.4z\n })\n};\n\nvar OPACITY_ANIMATE = _extends({}, ANIMATION_BASE, {\n
attributeName: 'opacity'\n});\n\nvar DOT = {\n  tag: 'circle',\n  attributes: _extends({}, FILL, {\n  cx: '256',\n  cy:
'364',\n  r: '28'\n })),\n  children: [{ tag: 'animate', attributes: _extends({}, ANIMATION_BASE, { attributeName:
'r', values: '28;14;28;28;14;28;' } ) }, { tag: 'animate', attributes: _extends({}, OPACITY_ANIMATE, { values:
'1;0;1;1;0;1;' } ) }]\n};\n\nvar QUESTION = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n  opacity: '1',\n  d:
'M263.7,312h-16c-6.6,0-12-5.4-12-12c0-71,77.4-63.9,77.4-107.8c0-20-17.8-40.2-57.4-40.2c-29.1,0-44.3,9.6-
59.2,28.7c-3.9,5-11.1,6-16.2,2.4l-13.1-9.2c-5.6-3.9-6.9-11.8-2.6-17.2c21.2-27.2,46.4-44.7,91.2-
44.7c52.3,0,97.4,29.8,97.4,80.2c0,67.6-77.4,63.5-77.4,107.8C275.7,306.6,270.3,312,263.7,312z\n })),\n  children:
[{\n  tag: 'animate', attributes: _extends({}, OPACITY_ANIMATE, { values: '1;0;0;0;1;' } ) }]\n};\n\nvar
EXCLAMATION = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n  opacity: '0',\n  d:
'M232.5,134.5l7,168c0.3,6.4,5.6,11.5,12,11.5h9c6.4,0,11.7-5.1,12-11.5l7-168c0.3-6.8-5.2-12.5-12-12.5h-23
C237.7,122,232.2,127.7,232.5,134.5z\n })),\n  children: [{ tag: 'animate', attributes: _extends({},
OPACITY_ANIMATE, { values: '0;0;1;1;0;0;' } ) }]\n};\n\nvar missing = { tag: 'g', children: [RING, DOT,
QUESTION, EXCLAMATION] };\n\nvar styles = namespace.styles;\n\nvar LAYERS_TEXT_CLASSNAME = 'fa-
layers-text';\n\nvar FONT_FAMILY_PATTERN = /Font Awesome 5 (Solid|Regular|Light|Brands|Free|Pro)/;\n\nvar
STYLE_TO_PREFIX = {\n  'Solid': 'fas',\n  'Regular': 'far',\n  'Light': 'fal',\n  'Brands': 'fab'\n};\n\nvar
FONT_WEIGHT_TO_PREFIX = {\n  '900': 'fas',\n  '400': 'far',\n  '300': 'fal'\n};\n\nfunction findIcon(iconName,

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prefix) {\n var val = {\n found: false,\n width: 512,\n height: 512,\n icon: missing\n };}\n if (iconName
&& prefix && styles[prefix] && styles[prefix][iconName]) {\n var icon = styles[prefix][iconName];\n var
width = icon[0];\n var height = icon[1];\n var vectorData = icon.slice(4);\n\n val = {\n found: true,\n
width: width,\n height: height,\n icon: { tag: 'path', attributes: { fill: 'currentColor', d: vectorData[0] } }\n
};\n } else if (iconName && prefix && !config.showMissingIcons) {\n throw new MissingIcon('Icon is missing
for prefix ' + prefix + ' with icon name ' + iconName);\n }\n\n return val;\n}\n\nfunction
generateSvgReplacementMutation(node, nodeMeta) {\n var iconName = nodeMeta.iconName,\n title =
nodeMeta.title,\n prefix = nodeMeta.prefix,\n transform = nodeMeta.transform,\n symbol =
nodeMeta.symbol,\n mask = nodeMeta.mask,\n extra = nodeMeta.extra;\n\n\n return [node,
makeInlineSvgAbstract({\n icons: {\n main: findIcon(iconName, prefix),\n mask: findIcon(mask.iconName,
mask.prefix)\n },\n prefix: prefix,\n iconName: iconName,\n transform: transform,\n symbol: symbol,\n
mask: mask,\n title: title,\n extra: extra,\n watchable: true\n });\n}\n\nfunction generateLayersText(node,
nodeMeta) {\n var title = nodeMeta.title,\n transform = nodeMeta.transform,\n extra = nodeMeta.extra;\n\n\n
var width = null;\n var height = null;\n\n if (IS_IE) {\n var computedFontSize =
parseInt(getComputedStyle(node).fontSize, 10);\n var boundingClientRect = node.getBoundingClientRect();\n
width = boundingClientRect.width / computedFontSize;\n height = boundingClientRect.height /
computedFontSize;\n }\n\n if (config.autoA11y && !title) {\n extra.attributes['aria-hidden'] = 'true';\n }\n\n
return [node, makeLayersTextAbstract({\n content: node.innerHTML,\n width: width,\n height: height,\n
transform: transform,\n title: title,\n extra: extra,\n watchable: true\n });\n}\n\nfunction
generateMutation(node) {\n var nodeMeta = parseMeta(node);\n\n if
(~nodeMeta.extra.classes.indexOf(LAYERS_TEXT_CLASSNAME)) {\n return generateLayersText(node,
nodeMeta);\n } else {\n return generateSvgReplacementMutation(node, nodeMeta);\n }\n}\n\nfunction
searchPseudoElements(root) {\n if (!IS_DOM) return;\n\n var end = perf.begin('searchPseudoElements');\n\n
disableObservation(function () {\n toArray(root.querySelectorAll('*')).filter(function (n) {\n return
n.parentNode !== document.head &&
!~TAGNAMES_TO_SKIP_FOR_PSEUDOELEMENTS.indexOf(n.tagName.toUpperCase()) &&
!n.getAttribute(DATA_FA_PSEUDO_ELEMENT) && (!n.parentNode || n.parentNode.tagName !== 'svg');\n
}).forEach(function (node) {\n [':before', ':after'].forEach(function (pos) {\n var children =
toArray(node.children);\n var alreadyProcessedPseudoElement = children.filter(function (c) {\n return
c.getAttribute(DATA_FA_PSEUDO_ELEMENT) === pos;\n })[0];\n\n var styles =
WINDOW.getComputedStyle(node, pos);\n var fontFamily = styles.getPropertyValue('font-
family').match(FONT_FAMILY_PATTERN);\n var fontWeight = styles.getPropertyValue('font-weight');\n\n
if (alreadyProcessedPseudoElement && !fontFamily) {\n // If we've already processed it but the current
computed style does not result in a font-family,\n // that probably means that a class name that was previously
present to make the icon has been\n // removed. So we now should delete the icon.\n
node.removeChild(alreadyProcessedPseudoElement);\n } else if (fontFamily) {\n var content =
styles.getPropertyValue('content');\n var prefix = ~['Light', 'Regular', 'Solid', 'Brands'].indexOf(fontFamily[1])
? STYLE_TO_PREFIX[fontFamily[1]] : FONT_WEIGHT_TO_PREFIX[fontWeight];\n var iconName =
byUnicode(prefix, toHex(content.length === 3 ? content.substr(1, 1) : content));\n // Only convert the pseudo
element in this :before/:after position into an icon if we haven't\n // already done so with the same prefix and
iconName\n if (!alreadyProcessedPseudoElement ||
alreadyProcessedPseudoElement.getAttribute(DATA_PREFIX) !== prefix ||
alreadyProcessedPseudoElement.getAttribute(DATA_ICON) !== iconName) {\n if
(alreadyProcessedPseudoElement) {\n // Delete the old one, since we're replacing it with a new one\n
node.removeChild(alreadyProcessedPseudoElement);\n }\n\n var extra = blankMeta.extra;\n\n
extra.attributes[DATA_FA_PSEUDO_ELEMENT] = pos;\n var abstract =
makeInlineSvgAbstract(_extends({}, blankMeta, {\n icons: {\n main: findIcon(iconName,
prefix),\n mask: emptyCanonicalIcon()\n },\n prefix: prefix,\n iconName:

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iconName,\n      extra: extra,\n      watchable: true\n    }));\n\n    var element =
DOCUMENT.createElement('svg');\n    if (pos === 'before') {\n      node.insertBefore(element,
node.firstChild);\n    } else {\n      node.appendChild(element);\n    }\n    element.outerHTML
= abstract.map(function (a) {\n      return toHtml(a);\n    }).join("\\n");\n  }\n  });\n});\n\nend();\n\nfunction onTree(root) {\n  var callback = arguments.length > 1 && arguments[1] !==
undefined ? arguments[1] : null;\n\n  if (!IS_DOM) return;\n\n  var htmlClassList =
DOCUMENT.documentElement.classList;\n  var hclAdd = function hclAdd(suffix) {\n    return
htmlClassList.add(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n  };\n  var hclRemove = function
hclRemove(suffix) {\n    return htmlClassList.remove(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n
  };\n  var prefixes = Object.keys(styles);\n  var prefixesDomQuery = ['.' + LAYERS_TEXT_CLASSNAME + ':not(['
+ DATA_FA_I2SVG + '])'].concat(prefixes.map(function (p) {\n    return '.' + p + ':not([' + DATA_FA_I2SVG +
'])';\n  })).join(', ');\n\n  if (prefixesDomQuery.length === 0) {\n    return;\n  }\n\n  var candidates =
toArray(root.querySelectorAll(prefixesDomQuery));\n\n  if (candidates.length > 0) {\n    hclAdd('pending');\n
hclRemove('complete');\n  } else {\n    return;\n  }\n\n  var mark = perf.begin('onTree');\n\n  var mutations =
candidates.reduce(function (acc, node) {\n    try {\n      var mutation = generateMutation(node);\n      if (mutation)
{\n        acc.push(mutation);\n      }\n    } catch (e) {\n      if (!PRODUCTION) {\n        if (e instanceof MissingIcon)
{\n          console.error(e);\n        }\n      }\n      return acc;\n    }, []);\n\n    mark();\n\n    perform(mutations,
function () {\n      hclAdd('active');\n      hclAdd('complete');\n      hclRemove('pending');\n\n      if (typeof callback ===
'function') callback();\n    });\n  });\n\n  function onNode(node) {\n    var callback = arguments.length > 1 &&
arguments[1] !== undefined ? arguments[1] : null;\n\n    var mutation = generateMutation(node);\n\n    if (mutation)
{\n      perform([mutation], callback);\n    }\n  }\n\n  var baseStyles = `svg:not(:root).svg-inline--fa {\n\n    overflow:
visible;\n  }\n\n  .svg-inline--fa {\n\n    display: inline-block;\n    font-size: inherit;\n    height: 1em;\n\n    overflow:
visible;\n    vertical-align: -.125em;\n  }\n\n  .svg-inline--fa.fa-lg {\n\n    vertical-align: -.225em;\n  }\n\n  .svg-inline--fa.fa-w-1 {\n\n    width: 0.0625em;\n  }\n\n  .svg-inline--fa.fa-w-2 {\n\n    width: 0.125em;\n  }\n\n  .svg-inline--fa.fa-w-3 {\n\n    width: 0.1875em;\n  }\n\n  .svg-inline--fa.fa-w-4 {\n\n    width: 0.25em;\n  }\n\n  .svg-inline--fa.fa-w-5 {\n\n    width:
0.3125em;\n  }\n\n  .svg-inline--fa.fa-w-6 {\n\n    width: 0.375em;\n  }\n\n  .svg-inline--fa.fa-w-7 {\n\n    width: 0.4375em;\n  }\n\n  .svg-inline--fa.fa-w-8 {\n\n    width: 0.5em;\n  }\n\n  .svg-inline--fa.fa-w-9 {\n\n    width: 0.5625em;\n  }\n\n  .svg-inline-
fa.fa-w-10 {\n\n    width: 0.625em;\n  }\n\n  .svg-inline--fa.fa-w-11 {\n\n    width: 0.6875em;\n  }\n\n  .svg-inline--fa.fa-w-12 {\n\n    width: 0.75em;\n  }\n\n  .svg-inline--fa.fa-w-13 {\n\n    width: 0.8125em;\n  }\n\n  .svg-inline--fa.fa-w-14 {\n\n    width:
0.875em;\n  }\n\n  .svg-inline--fa.fa-w-15 {\n\n    width: 0.9375em;\n  }\n\n  .svg-inline--fa.fa-w-16 {\n\n    width: 1em;\n  }\n\n  .svg-inline--fa.fa-w-17 {\n\n    width: 1.0625em;\n  }\n\n  .svg-inline--fa.fa-w-18 {\n\n    width: 1.125em;\n  }\n\n  .svg-inline-
fa.fa-w-19 {\n\n    width: 1.1875em;\n  }\n\n  .svg-inline--fa.fa-w-20 {\n\n    width: 1.25em;\n  }\n\n  .svg-inline--fa.fa-pull-left {\n\n    margin-right: .3em;\n    width: auto;\n  }\n\n  .svg-inline--fa.fa-pull-right {\n\n    margin-left: .3em;\n    width:
auto;\n  }\n\n  .svg-inline--fa.fa-border {\n\n    height: 1.5em;\n  }\n\n  .svg-inline--fa.fa-li {\n\n    width: 2em;\n  }\n\n  .svg-
inline--fa.fa-fw {\n\n    width: 1.25em;\n  }\n\n  .fa-layers svg.svg-inline--fa {\n\n    bottom: 0;\n    left: 0;\n    margin:
auto;\n    position: absolute;\n    right: 0;\n    top: 0;\n  }\n\n  .fa-layers {\n\n    display: inline-block;\n    height: 1em;\n    position: relative;\n    text-align: center;\n    vertical-align: -.125em;\n    width: 1em;\n  }\n\n  .fa-layers svg.svg-inline--fa
{\n\n    -webkit-transform-origin: center center;\n    transform-origin: center center;\n  }\n\n  .fa-layers-text, .fa-
layers-counter {\n\n    display: inline-block;\n    position: absolute;\n    text-align: center;\n  }\n\n  .fa-layers-text {\n\n    left:
50%; \n    top: 50%; \n    -webkit-transform: translate(-50%, -50%);\n    transform: translate(-50%, -50%);\n    -
webkit-transform-origin: center center;\n    transform-origin: center center;\n  }\n\n  .fa-layers-counter {\n\n    background-color: #fff;\n    border-radius: 1em;\n    -webkit-box-sizing: border-box;\n    box-sizing: border-
box;\n    color: #fff;\n    height: 1.5em;\n    line-height: 1;\n    max-width: 5em;\n    min-width: 1.5em;\n    overflow:
hidden;\n    padding: .25em;\n    right: 0;\n    text-overflow: ellipsis;\n    top: 0;\n    -webkit-transform: scale(0.25);\n    transform: scale(0.25);\n    -webkit-transform-origin: top right;\n    transform-origin: top right;\n  }\n\n  .fa-
layers-bottom-right {\n\n    bottom: 0;\n    right: 0;\n    top: auto;\n    -webkit-transform: scale(0.25);\n    transform:
scale(0.25);\n    -webkit-transform-origin: bottom right;\n    transform-origin: bottom right;\n  }\n\n  .fa-layers-
bottom-left {\n\n    bottom: 0;\n    left: 0;\n    right: auto;\n    top: auto;\n    -webkit-transform: scale(0.25);\n  }\n

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transform: scale(0.25);\n -webkit-transform-origin: bottom left;\n      transform-origin: bottom left; }\n\n.fa-layers-top-right {\n  right: 0;\n  top: 0;\n  -webkit-transform: scale(0.25);\n      transform: scale(0.25);\n  -webkit-transform-origin: top right;\n      transform-origin: top right; }\n\n.fa-layers-top-left {\n  left: 0;\n  right: auto;\n  top: 0;\n  -webkit-transform: scale(0.25);\n      transform: scale(0.25);\n  -webkit-transform-origin: top left;\n      transform-origin: top left; }\n\n.fa-lg {\n  font-size: 1.33333em;\n  line-height: 0.75em;\n  vertical-align: -.0667em; }\n\n.fa-xs {\n  font-size: .75em; }\n\n.fa-sm {\n  font-size: .875em; }\n\n.fa-1x {\n  font-size: 1em; }\n\n.fa-2x {\n  font-size: 2em; }\n\n.fa-3x {\n  font-size: 3em; }\n\n.fa-4x {\n  font-size: 4em; }\n\n.fa-5x {\n  font-size: 5em; }\n\n.fa-6x {\n  font-size: 6em; }\n\n.fa-7x {\n  font-size: 7em; }\n\n.fa-8x {\n  font-size: 8em; }\n\n.fa-9x {\n  font-size: 9em; }\n\n.fa-10x {\n  font-size: 10em; }\n\n.fa-fw {\n  text-align: center;\n  width: 1.25em; }\n\n.fa-ul {\n  list-style-type: none;\n  margin-left: 2.5em;\n  padding-left: 0; }\n\n.fa-ul > li {\n  position: relative; }\n\n.fa-li {\n  left: -2em;\n  position: absolute;\n  text-align: center;\n  width: 2em;\n  line-height: inherit; }\n\n.fa-border {\n  border: solid 0.08em #eee;\n  border-radius: .1em;\n  padding: .2em .25em .15em; }\n\n.fa-pull-left {\n  float: left; }\n\n.fa-pull-right {\n  float: right; }\n\n.fa-pull-left,\n.fas.fa-pull-left,\n.far.fa-pull-left,\n.fal.fa-pull-left,\n.fab.fa-pull-left {\n  margin-right: .3em; }\n\n.fa-pull-right,\n.fas.fa-pull-right,\n.far.fa-pull-right,\n.fal.fa-pull-right,\n.fab.fa-pull-right {\n  margin-left: .3em; }\n\n.fa-spin {\n  -webkit-animation: fa-spin 2s infinite linear;\n      animation: fa-spin 2s infinite linear; }\n\n.fa-pulse {\n  -webkit-animation: fa-spin 1s infinite steps(8);\n      animation: fa-spin 1s infinite steps(8); }\n\n@-webkit-keyframes fa-spin {\n  0% {\n    -webkit-transform: rotate(0deg);\n      transform: rotate(0deg); }\n  100% {\n    -webkit-transform: rotate(360deg);\n      transform: rotate(360deg); }\n}\n\n@keyframes fa-spin {\n  0% {\n    -webkit-transform: rotate(0deg);\n      transform: rotate(0deg); }\n  100% {\n    -webkit-transform: rotate(360deg);\n      transform: rotate(360deg); }\n}\n\n.fa-rotate-90 {\n  -ms-filter: \"\"progid:DXImageTransform.Microsoft.BasicImage(rotation=1)\"\";\n  -webkit-transform: rotate(90deg);\n      transform: rotate(90deg); }\n\n.fa-rotate-180 {\n  -ms-filter: \"\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2)\"\";\n  -webkit-transform: rotate(180deg);\n      transform: rotate(180deg); }\n\n.fa-rotate-270 {\n  -ms-filter: \"\"progid:DXImageTransform.Microsoft.BasicImage(rotation=3)\"\";\n  -webkit-transform: rotate(270deg);\n      transform: rotate(270deg); }\n\n.fa-flip-horizontal {\n  -ms-filter: \"\"progid:DXImageTransform.Microsoft.BasicImage(rotation=0, mirror=1)\"\";\n  -webkit-transform: scale(-1, 1);\n      transform: scale(-1, 1); }\n\n.fa-flip-vertical {\n  -ms-filter: \"\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)\"\";\n  -webkit-transform: scale(1, -1);\n      transform: scale(1, -1); }\n\n.fa-flip-horizontal.fa-flip-vertical {\n  -ms-filter: \"\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)\"\";\n  -webkit-transform: scale(-1, -1);\n      transform: scale(-1, -1); }\n\n:root .fa-rotate-90,\n:root .fa-rotate-180,\n:root .fa-rotate-270,\n:root .fa-flip-horizontal,\n:root .fa-flip-vertical {\n  -webkit-filter: none;\n      filter: none; }\n\n.fa-stack {\n  display: inline-block;\n  height: 2em;\n  position: relative;\n  width: 2.5em; }\n\n.fa-stack-1x,\n.fa-stack-2x {\n  bottom: 0;\n  left: 0;\n  margin: auto;\n  position: absolute;\n  right: 0;\n  top: 0; }\n\n.svg-inline--fa.fa-stack-1x {\n  height: 1em;\n  width: 1.25em; }\n\n.svg-inline--fa.fa-stack-2x {\n  height: 2em;\n  width: 2.5em; }\n\n.fa-inverse {\n  color: #fff; }\n\n.sr-only {\n  border: 0;\n  clip: rect(0, 0, 0, 0);\n  height: 1px;\n  margin: -1px;\n  overflow: hidden;\n  padding: 0;\n  position: absolute;\n  width: 1px; }\n\n.sr-only-focusable:active,\n.sr-only-focusable:focus {\n  clip: auto;\n  height: auto;\n  margin: 0;\n  overflow: visible;\n  position: static;\n  width: auto; }\n\n\";\n\nvar css = function () {\n  var dfp = DEFAULT_FAMILY_PREFIX;\n  var drc = DEFAULT_REPLACEMENT_CLASS;\n  var fp = config.familyPrefix;\n  var rc = config.replacementClass;\n  var s = baseStyles;\n\n  if (fp !== dfp || rc !== drc) {\n    var dPatt = new RegExp('\\\\\\\\.' + dfp + '\\\\\\\\-', 'g');\n    var rPatt = new RegExp('\\\\\\\\.' + drc, 'g');\n    s = s.replace(dPatt, '.' + fp + '-').replace(rPatt, '.' + rc);\n  }\n\n  return s;\n};\n\nfunction define(prefix, icons) {\n  var normalized = Object.keys(icons).reduce(function (acc, iconName) {\n    var icon = icons[iconName];\n    var expanded = !icon.icon;\n\n    if (expanded) {\n      acc[iconName] = icon.icon;\n    } else {\n      acc[iconName] = icon;\n    }\n\n    return acc;\n  }, {});\n\n  if (typeof namespace.hooks.addPack === 'function') {\n    namespace.hooks.addPack(prefix, normalized);\n  } else {\n
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namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, normalized);\n }\n\n /**\n * Font
Awesome 4 used the prefix of `fa` for all icons. With the introduction
* of new styles we needed to differentiate
between them. Prefix `fa` is now an alias
* for `fas` so we'll ease the upgrade process for our users by
automatically defining
* this as well.\n *\n if (prefix === 'fas') {\n   define('fa', icons);\n }\n}\n\nvar Library
= function () {\n   function Library() {\n     classCallCheck(this, Library);\n     this.definitions = {};\n   }\n\n   createClass(Library, [{\n     key: 'add',\n     value: function add() {\n       var _this = this;\n       for (var _len =
arguments.length, definitions = Array(_len), _key = 0; _key < _len; _key++) {\n         definitions[_key] =
arguments[_key];\n       }\n       var additions = definitions.reduce(this._pullDefinitions, {});\n\n       Object.keys(additions).forEach(function (key) {\n         _this.definitions[key] = _extends({}, _this.definitions[key] ||
{}, additions[key]);\n         define(key, additions[key]);\n         build();\n       });\n     }, {\n     key: 'reset',\n     value:
function reset() {\n       this.definitions = {};\n     }, {\n     key: '_pullDefinitions',\n     value: function
_pullDefinitions(additions, definition) {\n       var normalized = definition.prefix && definition.iconName &&
definition.icon ? { 0: definition } : definition;\n       Object.keys(normalized).map(function (key) {\n         var
_normalizedName = normalized[key],\n         prefix = _normalizedName.prefix,\n         iconName =
_normalizedName.iconName,\n         icon = _normalizedName.icon;\n\n         if (!additions[prefix])\n         additions[prefix] = {};\n         additions[prefix][iconName] = icon;\n       });\n       return additions;\n     } }]);\n   return Library;\n }();\n\nfunction prepIcon(icon) {\n   var width = icon[0];\n   var height = icon[1];\n   var vectorData =
icon.slice(4);\n\n   return {\n     found: true,\n     width: width,\n     height: height,\n     icon: { tag: 'path', attributes: {\n       fill: 'currentColor', d: vectorData[0] } }\n   };\n }\n\nfunction ensureCss() {\n   if (config.autoAddCss &&
!_cssInserted) {\n     insertCss(css());\n     _cssInserted = true;\n   }\n }\n\nfunction apiObject(val, abstractCreator) {\n   Object.defineProperty(val, 'abstract', {\n     get: abstractCreator\n   });\n\n   Object.defineProperty(val, 'html', {\n     get:
function get() {\n       return val.abstract.map(function (a) {\n         return toHtml(a);\n       });\n     }\n   });\n\n   Object.defineProperty(val, 'node', {\n     get: function get() {\n       if (!IS_DOM) return;\n       var container =
DOCUMENT.createElement('div');\n       container.innerHTML = val.html;\n       return container.children;\n     }\n   });\n\n   return val;\n }\n\nfunction findIconDefinition(params) {\n   var _params$prefix = params.prefix,\n   prefix = _params$prefix === undefined ? 'fa' : _params$prefix,\n   iconName = params.iconName;\n\n   if (!iconName)\n   return;\n\n   return iconFromMapping(library.definitions, prefix, iconName) || iconFromMapping(namespace.styles,
prefix, iconName);\n }\n\nfunction resolveIcons(next) {\n   return function (maybeIconDefinition) {\n     var params =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n     var iconDefinition =
(maybeIconDefinition || {}).icon ? maybeIconDefinition : findIconDefinition(maybeIconDefinition || {});\n     var
mask = params.mask;\n     if (mask) {\n       mask = (mask || {}).icon ? mask : findIconDefinition(mask || {});\n     }\n     return next(iconDefinition, _extends({}, params, { mask: mask }));\n   };\n }\n\nvar library = new
Library();\n\nvar noAuto = function noAuto() {\n   config.autoReplaceSvg = false;\n   config.observeMutations =
false;\n\n   disconnect();\n };\n\nvar _cssInserted = false;\n\nvar dom = {\n   i2svg: function i2svg() {\n     var params =
arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n     if (IS_DOM) {\n       ensureCss();\n       var _params$node = params.node,\n       node = _params$node === undefined ? DOCUMENT
: _params$node,\n       _params$callback = params.callback,\n       callback = _params$callback === undefined ?
function () {} : _params$callback;\n\n       if (config.searchPseudoElements) {\n         searchPseudoElements(node);\n       }\n\n       onTree(node, callback);\n     }\n     },\n   css: css,\n   insertCss: function
insertCss($1) {\n     if (!_cssInserted) {\n       insertCss(css());\n       _cssInserted = true;\n     }\n   },\n   watch:
function watch() {\n     var params = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n     var autoReplaceSvgRoot = params.autoReplaceSvgRoot,\n     observeMutationsRoot =
params.observeMutationsRoot;\n     if (config.autoReplaceSvg === false) {\n       config.autoReplaceSvg = true;\n     }\n     config.observeMutations = true;\n     domready(function () {\n       autoReplace({\n         autoReplaceSvgRoot: autoReplaceSvgRoot\n       });\n       observe({\n         treeCallback: onTree,\n         nodeCallback: onNode,\n         pseudoElementsCallback: searchPseudoElements,\n         observeMutationsRoot:
observeMutationsRoot\n       });\n     });\n   };\n\n   parse = {\n     transform: function transform(transformString) {\n       return parseTransformString(transformString);\n     }\n   };\n\n   icon = resolveIcons(function (iconDefinition)

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FontAwesomeIcon\n", "/* Used as references for various `Number` constants. *\nvar MAX_SAFE_INTEGER =
9007199254740991;\n\n/* Used to detect unsigned integer values. *\nvar reIsUint = /^(?:0|[1-9]\\d*)$/;\n\n/**\n * Checks if `value` is a valid array-like index.\n *\n * @private\n * @param {*} value The value to check.\n *\n * @param {number} [length=MAX_SAFE_INTEGER] The upper bounds of a valid index.\n *\n * @returns {boolean}\n * Returns `true` if `value` is a valid index, else `false`.\n *\n * @function isIndex(value, length) {\n *   var type = typeof\n *   value;\n *   length = length == null ? MAX_SAFE_INTEGER : length;\n *\n *   return !!length &&\n *     (type == 'number'\n *   ||\n *     (type != 'symbol' && reIsUint.test(value))) &&\n *     (value > -1 && value % 1 == 0 && value <\n *     length);\n * }\n\nmodule.exports = isIndex;\n", "var baseSetToString = require('./_baseSetToString'),\n * shortOut =\n * require('./_shortOut');\n\n/**\n * Sets the `toString` method of `func` to return `string`.\n *\n * @private\n * @param {Function} func The function to modify.\n *\n * @param {Function} string The `toString` result.\n *\n * @returns {Function}\n * Returns `func`.\n *\n * @nvar setToString = shortOut(baseSetToString);\n\nmodule.exports =\n * setToString;\n", "/* false -> Array#indexOf\n * true -> Array#includes\n *\n * @nvar toIObject = require('./_to-iobject');\n *\n * @nvar toLength = require('./_to-length');\n *\n * @nvar toAbsoluteIndex = require('./_to-absolute-index');\n\nmodule.exports =\n * function (IS_INCLUDES) {\n *   return function ($this, el, fromIndex) {\n *     var O = toIObject($this);\n *     var length =\n *     toLength(O.length);\n *     var index = toAbsoluteIndex(fromIndex, length);\n *     var value;\n *     // Array#includes uses\n *     SameValueZero equality algorithm\n *     // eslint-disable-next-line no-self-compare\n *     if (IS_INCLUDES && el !=\n *     el) while (length > index) {\n *       value = O[index++];\n *       // eslint-disable-next-line no-self-compare\n *       if (value\n *       != value) return true;\n *     // Array#indexOf ignores holes, Array#includes - not\n *     } else for (;length > index;\n *     index++) if (IS_INCLUDES || index in O) {\n *       if (O[index] === el) return IS_INCLUDES || index || 0;\n *     }\n *     return !IS_INCLUDES && -1;\n *   };\n * }\n", "use strict";\n * Object.defineProperty(exports, '__esModule', {\n *   value: true\n * });\n *\n * @nvar prefix = 'fas';\n *\n * @nvar iconName = 'share-alt';\n *\n * @nvar width = 448;\n *\n * @nvar height = 512;\n *\n * @nvar ligatures = [];\n *\n * @nvar unicode = 'f1e0';\n *\n * @nvar svgPathData = 'M352 320c-22.608 0-43.387 7.819-59.79 20.8951-102.486-64.054a96.551\n * 96.551 0 0 0-41.6831102.486-64.054C308.613 184.181 329.392 192 352 192c53.019 0 96-42.981 96-96S405.019\n * 0 352 0s-96 42.981-96 96c0 7.158.79 14.13 2.276 20.841L155.79 180.895C139.387 167.819 118.608 160 96 160c-\n * 53.019 0-96 42.981-96 96s42.981 96 96 96c22.608 0 43.387-7.819 59.79-20.8951102.486 64.054A96.301 96.301 0\n * 0 0 256 416c0 53.019 42.981 96 96 96s96-42.981 96-96-42.981-96-96-96z';\n\nexports.definition = {\n *   prefix:\n *   prefix,\n *   iconName: iconName,\n *   icon: [\n *     width,\n *     height,\n *     ligatures,\n *     unicode,\n *     svgPathData\n *   ]\n * }\n\nexports.faShareAlt = exports.definition;\n * exports.prefix = prefix;\n * exports.iconName =\n * iconName;\n * exports.width = width;\n * exports.height = height;\n * exports.ligatures = ligatures;\n * exports.unicode =\n * unicode;\n * exports.svgPathData = svgPathData;\n", "/*\n *\n * @private\n * @param {Object} cache The cache to query.\n *\n * @param {string} key The key of the entry to\n * check.\n *\n * @returns {boolean}\n * Returns `true` if an entry for `key` exists, else `false`.\n *\n * @function\n * cacheHas(cache, key) {\n *   return cache.has(key);\n * }\n\nmodule.exports = cacheHas;\n", "var arrayReduce =\n * require('./_arrayReduce'),\n * baseEach = require('./_baseEach'),\n * baseIteratee = require('./_baseIteratee'),\n * baseReduce = require('./_baseReduce'),\n * isArray = require('./isArray');\n\n/**\n * Reduces `collection` to a value\n * which is the accumulated result of running\n * each element in `collection` thru `iteratee`, where each successive\n * invocation is supplied the return value of the previous. If `accumulator`\n * is not given, the first element of\n * `collection` is used as the initial\n * value. The iteratee is invoked with four arguments:\n * (accumulator, value,\n * index|key, collection).\n *\n * Many lodash methods are guarded to work as iteratees for methods like\n * `_.reduce`, `_.reduceRight`, and `_.transform`.\n *\n * The guarded methods are: `assign`, `defaults`,\n * `defaultsDeep`, `includes`, `merge`, `orderBy`, and `sortBy`.\n *\n * @static\n * @memberOf _\n * @since\n * 0.1.0\n * @category Collection\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function} [iteratee=_.identity] The function invoked per iteration.\n * @param {*} [accumulator] The initial\n * value.\n * @returns {*} Returns the accumulated value.\n * @see _.reduceRight\n * @example\n * _._reduce([1,\n * 2], function(sum, n) {\n *   return sum + n;\n * }, 0);\n * // => 3\n *\n * _._reduce({ 'a': 1, 'b': 2, 'c': 1 },\n * function(result, value, key) {\n *   (result[value] || (result[value] = [])).push(key);\n *   return result;\n * }, {});\n * //\n * => { '1': ['a', 'c'], '2': ['b'] }\n * (iteration order is not guaranteed)\n *\n * @function reduce(collection, iteratee, accumulator)\n * {\n *   var func = isArray(collection) ? arrayReduce : baseReduce,\n *       initAccum = arguments.length < 3;\n *   return

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func(collection, baseIteratee(iteratee, 4), accumulator, initAccum, baseEach);\n\nmodule.exports =
reduce;\n", "use strict";\nvar global = require('./_global');\nvar has = require('./_has');\nvar cof =
require('./_cof');\nvar inheritIfRequired = require('./_inherit-if-required');\nvar toPrimitive = require('./_to-
primitive');\nvar fails = require('./_fails');\nvar gOPN = require('./_object-gopn').f;\nvar gOPD = require('./_object-
gopd').f;\nvar dP = require('./_object-dp').f;\nvar $trim = require('./_string-trim').trim;\nvar NUMBER =
'Number';\nvar $Number = global[NUMBER];\nvar Base = $Number;\nvar proto = $Number.prototype;\n// Opera
~12 has broken Object#toString\nvar BROKEN_COF = cof(require('./_object-create')(proto)) === NUMBER;\nvar
TRIM = 'trim' in String.prototype;\n\n// 7.1.3 ToNumber(argument)\nvar toNumber = function (argument) {\n var it
= toPrimitive(argument, false);\n if (typeof it === 'string' && it.length > 2) {\n it = TRIM ? it.trim() : $trim(it, 3);\n
var first = it.charCodeAt(0);\n var third, radix, maxCode;\n if (first === 43 || first === 45) {\n third =
it.charCodeAt(2);\n if (third === 88 || third === 120) return NaN; // Number('+0x1') should be NaN, old V8 fix\n
} else if (first === 48) {\n switch (it.charCodeAt(1)) {\n case 66: case 98: radix = 2; maxCode = 49; break;\n
// fast equal /^0b[01]+$\/i\n case 79: case 111: radix = 8; maxCode = 55; break; // fast equal /^0o[0-7]+$\/i\n
default: return +it;\n } \n for (var digits = it.slice(2), i = 0, l = digits.length, code; i < l; i++) {\n code =
digits.charCodeAt(i);\n // parseInt parses a string to a first unavailable symbol\n // but ToNumber should
return NaN if a string contains unavailable symbols\n if (code < 48 || code > maxCode) return NaN;\n }
return parseInt(digits, radix);\n } \n } return +it;\n};\n\nif (!$Number(' 0o1') || !$Number('0b1') || $Number('+0x1'))
{\n $Number = function Number(value) {\n var it = arguments.length < 1 ? 0 : value;\n var that = this;\n
return that instanceof $Number\n // check on 1..constructor(fo) case\n && (BROKEN_COF ? fails(function
() { proto.valueOf.call(that); }) : cof(that) != NUMBER)\n ? inheritIfRequired(new Base(toNumber(it)), that,
$Number) : toNumber(it);\n }; \n for (var keys = require('./_descriptors') ? gOPN(Base) : (\n // ES3:\n
'MAX_VALUE,MIN_VALUE,NaN,NEGATIVE_INFINITY,POSITIVE_INFINITY,' +\n // ES6 (in case, if
modules with ES6 Number statics required before):\n
'EPSILON,isFinite,isInteger,isNaN,isSafeInteger,MAX_SAFE_INTEGER,' +\n
'MIN_SAFE_INTEGER,parseFloat,parseInt,isInteger'\n ).split(','), j = 0, key; keys.length > j; j++) {\n if
(has(Base, key = keys[j]) && !has($Number, key)) {\n dP($Number, key, gOPD(Base, key));\n } \n } \n } \n
$Number.prototype = proto;\n proto.constructor = $Number;\n require('./_redefine')(global, NUMBER,
$Number);\n}\n", "module.exports = require('./forEach');\n", "module.exports = !require('./_descriptors') &&
!require('./_fails')(function () {\n return Object.defineProperty(require('./_dom-create')('div'), 'a', { get: function () {
return 7; } }).a != 7;\n});\n", "var baseFlatten = require('./_baseFlatten'),\n baseOrderBy =
require('./_baseOrderBy'),\n baseRest = require('./_baseRest'),\n isIterateeCall =
require('./_isIterateeCall');\n\n/**\n * Creates an array of elements, sorted in ascending order by the results of\n *
running each element in a collection thru each iteratee. This method\n * performs a stable sort, that is, it preserves
the original sort order of\n * equal elements. The iteratees are invoked with one argument: (value).\n *\n * @static\n *
@memberOf _\n * @since 0.1.0\n * @category Collection\n * @param {Array|Object} collection The collection
to iterate over.\n * @param {...(Function|Function[])} [iteratees=[_.identity]]\n * The iteratees to sort by.\n *
@returns {Array} Returns the new sorted array.\n * @example\n *\n * var users = [\n * { 'user': 'fred', 'age': 48
},\n * { 'user': 'barney', 'age': 36 },\n * { 'user': 'fred', 'age': 40 },\n * { 'user': 'barney', 'age': 34 }\n * ];\n *\n *
_.sortBy(users, [function(o) { return o.user; }]);\n * // => objects for [['barney', 36], ['barney', 34], ['fred', 48], ['fred',
40]]\n *\n * _.sortBy(users, ['user', 'age']);\n * // => objects for [['barney', 34], ['barney', 36], ['fred', 40], ['fred',
48]]\n *\n * var sortBy = baseRest(function(collection, iteratees) {\n if (collection == null) {\n return [];\n }\n var
length = iteratees.length;\n if (length > 1 && isIterateeCall(collection, iteratees[0], iteratees[1])) {\n iteratees =
[];\n } else if (length > 2 && isIterateeCall(iteratees[0], iteratees[1], iteratees[2])) {\n iteratees = [iteratees[0];\n
} \n return baseOrderBy(collection, baseFlatten(iteratees, 1), []);\n});\n\nmodule.exports = sortBy;\n", "var getNative
= require('./_getNative'),\n root = require('./_root');\n\n/* Built-in method references that are verified to be native.
*\n *\n * var Set = getNative(root, 'Set');\n\nmodule.exports = Set;\n", "var g;\n\n// This works in non-strict mode\ng =
(function() {\n\treturn this;\n})();\n\ntry {\n\t// This works if eval is allowed (see CSP)\n\tg = g || Function("return
this")()\n\t|| (1, eval)("this");\n} catch (e) {\n\t// This works if the window reference is available\n\tif (typeof window

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=== \"object\") g = window;\n}\n\n// g can still be undefined, but nothing to do about it...\n// We return undefined,
instead of nothing here, so it's\n// easier to handle this case. if(!global) { ... }\n\nmodule.exports = g;\n", "var id =
0;\nvar px = Math.random();\nmodule.exports = function (key) {\n return 'Symbol'.concat(key === undefined ? " :
key, '_') , (++id + px).toString(36));\n};\n", "use strict";\nvar addToUnscopables = require('./_add-to-
unscopables');\nvar step = require('./_iter-step');\nvar Iterators = require('./_iterators');\nvar toIObject =
require('./_to-iobject');\n\n// 22.1.3.4 Array.prototype.entries()\n// 22.1.3.13 Array.prototype.keys()\n// 22.1.3.29
Array.prototype.values()\n// 22.1.3.30 Array.prototype[@@iterator]()\nmodule.exports = require('./_iter-
define')(Array, 'Array', function (iterated, kind) {\n this._t = toIObject(iterated); // target\n this._i = 0; //
next index\n this._k = kind; // kind\n// 22.1.5.2.1 %ArrayIteratorPrototype%.next()\n}, function () {\n var
O = this._t;\n var kind = this._k;\n var index = this._i++;\n if (!O || index >= O.length) {\n this._t = undefined;\n
return step(1);\n }\n if (kind == 'keys') return step(0, index);\n if (kind == 'values') return step(0, O[index]);\n
return step(0, [index, O[index]]);\n }, 'values');\n\n// argumentsList[@@iterator] is %ArrayProto_values% (9.4.4.6,
9.4.4.7)\n\nIterators.Arguments =
Iterators.Array;\n\naddUnscopables('keys');\naddUnscopables('values');\naddUnscopables('entries');\n", "var
isSymbol = require('./isSymbol');\n\n/**\n * Compares values to sort them in ascending order.\n * @private\n *
@param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @returns
{number} Returns the sort order indicator for `value`.\n */\nfunction compareAscending(value, other) {\n if (value
!== other) {\n var valIsDefined = value !== undefined,\n valIsNull = value === null,\n valIsReflexive =
value === value,\n valIsSymbol = isSymbol(value);\n\n var othIsDefined = other !== undefined,\n
othIsNull = other === null,\n othIsReflexive = other === other,\n othIsSymbol = isSymbol(other);\n\n if
((!othIsNull && !othIsSymbol && !valIsSymbol && value > other) ||\n (valIsSymbol && othIsDefined &&
othIsReflexive && !othIsNull && !othIsSymbol) ||\n (valIsNull && othIsDefined && othIsReflexive) ||\n
(!valIsDefined && othIsReflexive) ||\n !valIsReflexive) {\n return 1;\n }\n if ((!valIsNull &&
!valIsSymbol && !othIsSymbol && value < other) ||\n (othIsSymbol && valIsDefined && valIsReflexive &&
!valIsNull && !valIsSymbol) ||\n (othIsNull && valIsDefined && valIsReflexive) ||\n (!othIsDefined &&
valIsReflexive) ||\n !othIsReflexive) {\n return -1;\n }\n }\n return 0;\n }\n\nmodule.exports =
compareAscending;\n", "var eq = require('./eq');\n\n/**\n * Gets the index at which the `key` is found in `array` of
key-value pairs.\n * @private\n * @param {Array} array The array to inspect.\n * @param {*} key The key to
search for.\n * @returns {number} Returns the index of the matched value, else `-1`.\n */\nfunction
assocIndexOf(array, key) {\n var length = array.length;\n while (length--) {\n if (eq(array[length][0], key)) {\n
return length;\n }\n }\n return -1;\n }\n\nmodule.exports = assocIndexOf;\n", "/*!\n * Font Awesome Free 5.0.13
by @fontawesome - https://fontawesome.com\n * License - https://fontawesome.com/license (Icons: CC BY 4.0,
Fonts: SIL OFL 1.1, Code: MIT License)\n */\n\nvar noop = function noop() {};\n\nvar _WINDOW = {};\n\nvar
_DOCUMENT = {};\n\nvar _MUTATION_OBSERVER$1 = null;\n\nvar _PERFORMANCE = { mark: noop,
measure: noop };\n\ntry {\n if (typeof window !== 'undefined') _WINDOW = window;\n if (typeof document !==
'undefined') _DOCUMENT = document;\n if (typeof MutationObserver !== 'undefined')
_MUTATION_OBSERVER$1 = MutationObserver;\n if (typeof performance !== 'undefined') _PERFORMANCE
= performance;\n } catch (e) {};\n\nvar _ref = _WINDOW.navigator || {};\n\nvar _ref$userAgent =
_ref.userAgent;\n\nvar userAgent = _ref$userAgent === undefined ? " : _ref$userAgent;\n\nvar WINDOW =
_WINDOW;\n\nvar DOCUMENT = _DOCUMENT;\n\nvar MUTATION_OBSERVER =
_MUTATION_OBSERVER$1;\n\nvar PERFORMANCE = _PERFORMANCE;\n\nvar IS_BROWSER =
!!WINDOW.document;\n\nvar IS_DOM = !!DOCUMENT.documentElement && !!DOCUMENT.head && typeof
DOCUMENT.addEventListener === 'function' && typeof DOCUMENT.createElement === 'function';\n\nvar IS_IE
= ~userAgent.indexOf('MSIE') || ~userAgent.indexOf('Trident/');\n\nvar NAMESPACE_IDENTIFIER =
'__FONT_AWESOME__';\n\nvar UNITS_IN_GRID = 16;\n\nvar DEFAULT_FAMILY_PREFIX = 'fa';\n\nvar
DEFAULT_REPLACEMENT_CLASS = 'svg-inline--fa';\n\nvar DATA_FA_I2SVG = 'data-fa-i2svg';\n\nvar
DATA_FA_PSEUDO_ELEMENT = 'data-fa-pseudo-element';\n\nvar HTML_CLASS_I2SVG_BASE_CLASS =
'fontawesome-i2svg';\n\nvar PRODUCTION = function () {\n try {\n return process.env.NODE_ENV ===

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'production';\n } catch (e) {\n   return false;\n }\n})();\n\nvar oneToTen = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];\nvar\noneToTwenty = oneToTen.concat([11, 12, 13, 14, 15, 16, 17, 18, 19, 20]);\n\nvar\nATTRIBUTES_WATCHED_FOR_MUTATION = ['class', 'data-prefix', 'data-icon', 'data-fa-transform', 'data-fa-\nmask'];\n\nvar RESERVED_CLASSES = ['xs', 'sm', 'lg', 'fw', 'ul', 'li', 'border', 'pull-left', 'pull-right', 'spin', 'pulse',\n'rotate-90', 'rotate-180', 'rotate-270', 'flip-horizontal', 'flip-vertical', 'stack', 'stack-1x', 'stack-2x', 'inverse', 'layers',\n'layers-text', 'layers-counter'].concat(oneToTen.map(function (n) {\n  return n +\n'x';\n})).concat(oneToTwenty.map(function (n) {\n  return 'w-' + n;\n}));\n\nvar classCallCheck = function (instance,\nConstructor) {\n  if (!(instance instanceof Constructor)) {\n    throw new TypeError("Cannot call a class as a\nfunction");\n  }\n};\n\nvar createClass = function () {\n  function defineProperties(target, props) {\n    for (var i = 0;\ni < props.length; i++) {\n      var descriptor = props[i];\n      descriptor.enumerable = descriptor.enumerable || false;\n      descriptor.configurable = true;\n      if ("value" in descriptor) descriptor.writable = true;\n\n      Object.defineProperty(target, descriptor.key, descriptor);\n    }\n  }\n\n  return function (Constructor, protoProps,\nstaticProps) {\n    if (protoProps) defineProperties(Constructor.prototype, protoProps);\n    if (staticProps)\ndefineProperties(Constructor, staticProps);\n    return Constructor;\n  }; }\n();\n\n\nvar _extends = Object.assign ||\nfunction (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in\nsource) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n\n    return target;\n  }; }\n\n\nvar toConsumableArray = function (arr) {\n  if (Array.isArray(arr)) {\n    for (var\ni = 0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];\n\n    return arr2;\n  } else {\n    return\nArray.from(arr);\n  }\n};\n\nvar initial = WINDOW.FontAwesomeConfig || {};\nvar initialKeys =\nObject.keys(initial);\n\nvar _default = _extends({\n  familyPrefix: DEFAULT_FAMILY_PREFIX,\nreplacementClass: DEFAULT_REPLACEMENT_CLASS,\n  autoReplaceSvg: true,\n  autoAddCss: true,\n  autoA11y: true,\n  searchPseudoElements: false,\n  observeMutations: true,\n  keepOriginalSource: true,\n  measurePerformance: false,\n  showMissingIcons: true\n}, initial);\n\nif (!_default.autoReplaceSvg)\n_default.observeMutations = false;\n\nvar config$1 = _extends({}, _default);\n\nWINDOW.FontAwesomeConfig =\nconfig$1;\n\nfunction update(newConfig) {\n  var params = arguments.length > 1 && arguments[1] !== undefined ?\narguments[1] : {};\n  var _params$asNewDefault = params.asNewDefault,\n      asNewDefault =\n      _params$asNewDefault === undefined ? false : _params$asNewDefault;\n\n  var validKeys =\nObject.keys(config$1);\n  var ok = asNewDefault ? function (k) {\n    return ~validKeys.indexOf(k) &&\n!~initialKeys.indexOf(k);\n  } : function (k) {\n    return ~validKeys.indexOf(k);\n  }; }\n\n\nObject.keys(newConfig).forEach(function (configKey) {\n  if (ok(configKey)) config$1[configKey] =\nnewConfig[configKey];\n});\n\n\nfunction auto(value) {\n  update({\n    autoReplaceSvg: value,\nobserveMutations: value\n  });\n}\n\nvar w = WINDOW || {};\n\nif (!w[NAMESPACE_IDENTIFIER])\nw[NAMESPACE_IDENTIFIER] = {};\n\nif (!w[NAMESPACE_IDENTIFIER].styles)\nw[NAMESPACE_IDENTIFIER].styles = {};\n\nif (!w[NAMESPACE_IDENTIFIER].hooks)\nw[NAMESPACE_IDENTIFIER].hooks = {};\n\nif (!w[NAMESPACE_IDENTIFIER].shims)\nw[NAMESPACE_IDENTIFIER].shims = [];\n\nvar namespace = w[NAMESPACE_IDENTIFIER];\n\nvar\nfunctions = [];\n\nvar listener = function listener() {\n  DOCUMENT.removeEventListener('DOMContentLoaded',\nlistener);\n  loaded = 1;\n  functions.map(function (fn) {\n    return fn();\n  });\n};\n\nvar loaded = false;\n\nif\n(IS_DOM) {\n  loaded = (DOCUMENT.documentElement.doScroll ? /^loaded|^c/\n/^loaded|^i|^c/).test(DOCUMENT.readyState);\n}\n\nif (!loaded)\nDOCUMENT.addEventListener('DOMContentLoaded', listener);\n\n\nvar domready = function (fn) {\n  if\n(!IS_DOM) return;\n  loaded ? setTimeout(fn, 0) : functions.push(fn);\n};\n\nvar d = UNITS_IN_GRID;\n\nvar\nmeaninglessTransform = {\n  size: 16,\n  x: 0,\n  y: 0,\n  rotate: 0,\n  flipX: false,\n  flipY: false\n};\n\nfunction\nisReserved(name) {\n  return ~RESERVED_CLASSES.indexOf(name);\n}\n\nfunction bunker(fn) {\n  try {\nfn();\n  } catch (e) {\n    if (!PRODUCTION) {\n      throw e;\n    }\n  }\n}\n\nfunction insertCss(css) {\n  if (!css ||\n!IS_DOM) {\n    return;\n  }\n\n  var style = DOCUMENT.createElement('style');\n  style.setAttribute('type',\n'text/css');\n  style.innerHTML = css;\n\n  var headChildren = DOCUMENT.head.childNodes;\n  var beforeChild =\nnull;\n\n  for (var i = headChildren.length - 1; i > -1; i--) {\n    var child = headChildren[i];\n    var tagName =

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(child.tagName || "").toUpperCase();\n if (['STYLE', 'LINK'].indexOf(tagName) > -1) {\n   beforeChild = child;\n }\n }\n\n DOCUMENT.head.insertBefore(style, beforeChild);\n\n return css;\n}\n\nvar _uniqueId = 0;\n\nfunction nextUniqueId() {\n  _uniqueId++;\n  return _uniqueId;\n}\n\nfunction toArray(obj) {\n  var array = [];\n  for (var i = (obj || []).length >>> 0; i--;) {\n    array[i] = obj[i];\n  }\n  return array;\n}\n\nfunction classArray(node) {\n  if (node.classList) {\n    return toArray(node.classList);\n  } else {\n    return (node.getAttribute('class') || "").split(' ').filter(function (i) {\n      return i;\n    });\n  }\n}\n\nfunction getIconName(familyPrefix, cls) {\n  var parts = cls.split('-');\n  var prefix = parts[0];\n  var iconName = parts.slice(1).join('-');\n  if (prefix === familyPrefix && iconName !== "" && !isReserved(iconName)) {\n    return iconName;\n  } else {\n    return null;\n  }\n}\n\nfunction htmlEscape(str) {\n  return (" + str).replace(/&/g, '&amp;').replace(/"/g, '&quot;').replace(/'/g, '&#39;').replace(/</g, '&lt;').replace(/>/g, '&gt;');\n}\n\nfunction joinAttributes(attributes) {\n  return Object.keys(attributes || {}).reduce(function (acc, attributeName) {\n    return acc + (attributeName + '=' + htmlEscape(attributes[attributeName]) + '" ');\n  }, "").trim();\n}\n\nfunction joinStyles(styles) {\n  return Object.keys(styles || {}).reduce(function (acc, styleName) {\n    return acc + (styleName + ':' + styles[styleName] + ';');\n  }, "");\n}\n\nfunction transformIsMeaningful(transform) {\n  return transform.size !== meaninglessTransform.size || transform.x !== meaninglessTransform.x || transform.y !== meaninglessTransform.y || transform.rotate !== meaninglessTransform.rotate || transform.flipX || transform.flipY;\n}\n\nfunction transformForSvg(_ref) {\n  var transform = _ref.transform,\n      containerWidth = _ref.containerWidth,\n      iconWidth = _ref.iconWidth;\n  var outer = {\n    transform: 'translate(' + containerWidth / 2 + ' 256')\n  }; \n  var innerTranslate = 'translate(' + transform.x * 32 + ', ' + transform.y * 32 + ')';\n  var innerScale = 'scale(' + transform.size / 16 * (transform.flipX ? -1 : 1) + ', ' + transform.size / 16 * (transform.flipY ? -1 : 1) + ')';\n  var innerRotate = 'rotate(' + transform.rotate + ' 0 0)';\n  var inner = {\n    transform: innerTranslate + ' ' + innerScale + ' ' + innerRotate\n  }; \n  var path = {\n    transform: 'translate(' + iconWidth / 2 * -1 + ' -256')\n  }; \n  return {\n    outer: outer,\n    inner: inner,\n    path: path\n  }; \n}\n\nfunction transformForCss(_ref2) {\n  var transform = _ref2.transform,\n      _ref2$width = _ref2.width,\n      width = _ref2$width === undefined ? UNITS_IN_GRID : _ref2$width,\n      _ref2$height = _ref2.height,\n      height = _ref2$height === undefined ? UNITS_IN_GRID : _ref2$height,\n      _ref2$startCentered = _ref2.startCentered,\n      startCentered = _ref2$startCentered === undefined ? false : _ref2$startCentered;\n  var val = "";\n  if (startCentered && IS_IE) {\n    val += 'translate(' + (transform.x / d - width / 2) + 'em, ' + (transform.y / d - height / 2) + 'em)';\n  } else if (startCentered) {\n    val += 'translate(calc(-50% + ' + transform.x / d + 'em), calc(-50% + ' + transform.y / d + 'em))';\n  } else {\n    val += 'translate(' + transform.x / d + 'em, ' + transform.y / d + 'em)';\n  }\n  val += 'scale(' + transform.size / d * (transform.flipX ? -1 : 1) + ', ' + transform.size / d * (transform.flipY ? -1 : 1) + ')';\n  val += 'rotate(' + transform.rotate + 'deg)';\n  return val;\n}\n\nvar ALL_SPACE = {\n  x: 0,\n  y: 0,\n  width: '100%',\n  height: '100%'\n};\n\nvar makeIconMasking = function (_ref) {\n  var children = _ref.children,\n      attributes = _ref.attributes,\n      main = _ref.main,\n      mask = _ref.mask,\n      transform = _ref.transform;\n  var mainWidth = main.width,\n      mainPath = main.icon;\n  var maskWidth = mask.width,\n      maskPath = mask.icon;\n  var trans = transformForSvg({\n    transform: transform,\n    containerWidth: maskWidth,\n    iconWidth: mainWidth\n  });\n  var maskRect = {\n    tag: 'rect',\n    attributes: _extends({}, ALL_SPACE, {\n      fill: 'white'\n    })\n  }; \n  var maskInnerGroup = {\n    tag: 'g',\n    attributes: _extends({}, trans.inner),\n    children: [{\n      tag: 'path',\n      attributes: _extends({}, mainPath.attributes, trans.path, {\n        fill: 'black'\n      })\n    }]\n  }; \n  var maskOuterGroup = {\n    tag: 'g',\n    attributes: _extends({}, trans.outer),\n    children: [maskInnerGroup]\n  }; \n  var maskId = 'mask-' + nextUniqueId();\n  var clipId = 'clip-' + nextUniqueId();\n  var maskTag = {\n    tag: 'mask',\n    attributes: _extends({}, ALL_SPACE, {\n      id: maskId,\n      maskUnits: 'userSpaceOnUse',\n      maskContentUnits: 'userSpaceOnUse'\n    })\n  },\n  children: [maskRect, maskOuterGroup]\n}; \n  var defs = {\n    tag: 'defs',\n    children: [{\n      tag: 'clipPath',\n      attributes: { id: clipId },\n      children: [maskPath]\n    }, maskTag\n  ]; \n  children.push(defs, {\n    tag: 'rect',\n    attributes: _extends({\n      fill: 'currentColor',\n      clip-path: 'url(#' + clipId + ')',\n      mask: 'url(#' + maskId + ')\n    }, ALL_SPACE\n  }); \n  return {\n    children: children,\n    attributes: attributes\n  }; \n}\n\nvar makeIconStandard = function (_ref) {\n  var children = _ref.children,\n      attributes = _ref.attributes,\n      main = _ref.main,\n      transform = _ref.transform,\n      styles = _ref.styles;\n  var styleString = joinStyles(styles);\n  if

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(styleString.length > 0) {\n  attributes['style'] = styleString;\n }\n\n if (transformIsMeaningful(transform)) {\n
var trans = transformForSvg({ transform: transform, containerWidth: main.width, iconWidth: main.width });\n
children.push({\n  tag: 'g',\n  attributes: _extends({}, trans.outer),\n  children: [{\n    tag: 'g',\n
attributes: _extends({}, trans.inner),\n    children: [{\n      tag: main.icon.tag,\n      children:
main.icon.children,\n      attributes: _extends({}, main.icon.attributes, trans.path)\n    }]\n  }]\n });\n } else
{\n  children.push(main.icon);\n }\n\n return {\n  children: children,\n  attributes: attributes\n };};\n\nvar
asIcon = function (_ref) {\n  var children = _ref.children,\n  main = _ref.main,\n  mask = _ref.mask,\n
attributes = _ref.attributes,\n  styles = _ref.styles,\n  transform = _ref.transform;\n\n if
(transformIsMeaningful(transform) && main.found && !mask.found) {\n  var width = main.width,\n  height =
main.height;\n\n  var offset = {\n    x: width / height / 2,\n    y: 0.5\n  };\n  attributes['style'] =
joinStyles(_extends({}, styles, {\n    'transform-origin': offset.x + transform.x / 16 + 'em ' + (offset.y + transform.y /
16) + 'em\n  }));\n }\n\n return [{\n  tag: 'svg',\n  attributes: attributes,\n  children: children\n }];\n\nvar
asSymbol = function (_ref) {\n  var prefix = _ref.prefix,\n  iconName = _ref.iconName,\n  children =
_ref.children,\n  attributes = _ref.attributes,\n  symbol = _ref.symbol;\n\n  var id = symbol === true ? prefix + '-'
+ config$.familyPrefix + '-' + iconName : symbol;\n\n  return [{\n    tag: 'symbol',\n    attributes: {\n      style: 'display:
none;\n    },\n    children: [{\n      tag: 'symbol',\n      attributes: _extends({}, attributes, { id: id }),\n      children:
children\n    }]\n }];\n\nfunction makeInlineSvgAbstract(params) {\n  var _params$icons = params.icons,\n  main = _params$icons.main,\n  mask = _params$icons.mask,\n  prefix = params.prefix,\n  iconName =
params.iconName,\n  transform = params.transform,\n  symbol = params.symbol,\n  title = params.title,\n  extra = params.extra,\n  _params$watchable = params.watchable,\n  watchable = _params$watchable ===
undefined ? false : _params$watchable;\n\n  var _ref = mask.found ? mask : main,\n  width = _ref.width,\n  height = _ref.height;\n\n  var widthClass = 'fa-w-' + Math.ceil(width / height * 16);\n  var attrClass =
[config$.replacementClass, iconName ? config$.familyPrefix + '-' + iconName : '',
widthClass].concat(extra.classes).join(' ');\n\n  var content = {\n    children: [],\n    attributes: _extends({},
extra.attributes, {\n      'data-prefix': prefix,\n      'data-icon': iconName,\n      'class': attrClass,\n      'role': 'img',\n
'xmlns': 'http://www.w3.org/2000/svg',\n      'viewBox': '0 0 ' + width + ' ' + height\n    })\n  };\n\n  if (watchable) {\n
content.attributes[DATA_FA_I2SVG] = ";\n }\n\n  if (title) content.children.push({ tag: 'title', attributes: { id:
content.attributes['aria-labelledby'] || 'title-' + nextUniqueId(), children: [title] });\n\n  var args = _extends({},
content, {\n    prefix: prefix,\n    iconName: iconName,\n    main: main,\n    mask: mask,\n    transform: transform,\n
symbol: symbol,\n    styles: extra.styles\n });\n\n  var _ref2 = mask.found && main.found ?
makeIconMasking(args) : makeIconStandard(args),\n  children = _ref2.children,\n  attributes =
_ref2.attributes;\n\n  args.children = children;\n  args.attributes = attributes;\n\n  if (symbol) {\n    return
asSymbol(args);\n  } else {\n    return asIcon(args);\n  }\n\nfunction makeLayersTextAbstract(params) {\n  var
content = params.content,\n  width = params.width,\n  height = params.height,\n  transform =
params.transform,\n  title = params.title,\n  extra = params.extra,\n  _params$watchable2 =
params.watchable,\n  watchable = _params$watchable2 === undefined ? false : _params$watchable2;\n\n  var
attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n    'class': extra.classes.join(' ')\n });\n\n  if
(watchable) {\n    attributes[DATA_FA_I2SVG] = ";\n }\n\n  var styles = _extends({}, extra.styles);\n\n  if
(transformIsMeaningful(transform)) {\n    styles['transform'] = transformForCss({ transform: transform,
startCentered: true, width: width, height: height });\n    styles['-webkit-transform'] = styles['transform'];\n  }\n\n  var
styleString = joinStyles(styles);\n\n  if (styleString.length > 0) {\n    attributes['style'] = styleString;\n }\n\n  var val
= [];\n\n  val.push({\n    tag: 'span',\n    attributes: attributes,\n    children: [content]\n });\n\n  if (title) {\n
val.push({ tag: 'span', attributes: { class: 'sr-only' }, children: [title] });\n }\n\n  return val;\n\n\nvar noop$2 =
function noop() {};\nvar p = config$.measurePerformance && PERFORMANCE && PERFORMANCE.mark
&& PERFORMANCE.measure ? PERFORMANCE : { mark: noop$2, measure: noop$2 };\nvar preamble = 'FA
\\5.0.13\\';\nvar begin = function begin(name) {\n  p.mark(preamble + ' ' + name + ' begins');\n  return function ()
{\n    return end(name);\n  };\n\n\nvar end = function end(name) {\n  p.mark(preamble + ' ' + name + ' ends');\n  p.measure(preamble + ' ' + name, preamble + ' ' + name + ' begins', preamble + ' ' + name + ' ends');\n};\n\nvar perf =

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{ begin: begin, end: end };
use strict;
Internal helper to bind a function known to have 4 arguments
* to a given context.
var bindInternal4 = function bindInternal4 (func, thisContext) {
  return function (a, b, c, d) {
    return func.call(thisContext, a, b, c, d);
  };
};
use strict;
Reduce
* A fast object
.reduce() implementation.
@param {Object} subject The object to reduce over.
@param {Function} fn The reducer function.
@param {mixed} initialValue The initial value for the reducer,
defaults to subject[0].
@param {Object} thisContext The context for the reducer.
@return {mixed}
  The final result.
var reduce = function fastReduceObject (subject, fn, initialValue, thisContext) {
  var keys = Object.keys(subject),
      length = keys.length,
      iterator = thisContext !== undefined ? bindInternal4(fn, thisContext) : fn,
      i, key, result;
  if (initialValue === undefined) {
    i = 1;
    result = subject[keys[0]];
  } else {
    i = 0;
    result = initialValue;
  }
  for (; i < length; i++) {
    key = keys[i];
    result = iterator(result, subject[key], key, subject);
  }
  return result;
};
var styles$2 = namespace.styles;
var shims = namespace.shims;
var _byUnicode = {};
var _byLigature = {};
var _byOldName = {};
var build = function build() {
  var lookup = function lookup(reducer) {
    return reduce(styles$2, function (o, style, prefix) {
      o[prefix] = reduce(style, reducer, {});
      return o;
    }, {});
  };
  _byUnicode = lookup(function (acc, icon, iconName) {
    acc[icon[3]] = iconName;
    return acc;
  });
  _byLigature = lookup(function (acc, icon, iconName) {
    var ligatures = icon[2];
    acc[iconName] = iconName;
    ligatures.forEach(function (ligature) {
      acc[ligature] = iconName;
    });
    var hasRegular = 'far' in styles$2;
    _byOldName = reduce(shims, function (acc, shim) {
      var oldName = shim[0];
      var prefix = shim[1];
      var iconName = shim[2];
      if (prefix === 'far' && !hasRegular) {
        prefix = 'fas';
      }
      acc[oldName] = {
        prefix: prefix,
        iconName: iconName
      };
      return acc;
    }, {});
  };
  build();
  function byUnicode(prefix, unicode) {
    return _byUnicode[prefix][unicode];
  }
  function byLigature(prefix, ligature) {
    return _byLigature[prefix][ligature];
  }
  function byOldName(name) {
    return _byOldName[name] || { prefix: null, iconName: null };
  }
  var styles$1 = namespace.styles;
  var emptyCanonicalIcon = function emptyCanonicalIcon() {
    return { prefix: null, iconName: null, rest: [] };
  };
  function getCanonicalIcon(values) {
    return values.reduce(function (acc, cls) {
      var iconName = getIconName(config$1.familyPrefix, cls);
      if (styles$1[cls]) {
        acc.prefix = cls;
      } else if (iconName) {
        var shim = acc.prefix === 'fa' ? byOldName(iconName) : {};
        acc.iconName = shim.iconName || iconName;
        acc.prefix = shim.prefix || acc.prefix;
      } else if (cls !== config$1.replacementClass && cls.indexOf('fa-w-') !== 0) {
        acc.rest.push(cls);
      }
      return acc;
    }, emptyCanonicalIcon());
  }
  function iconFromMapping(mapping, prefix, iconName) {
    if (mapping && mapping[prefix] && mapping[prefix][iconName]) {
      return {
        prefix: prefix,
        iconName: iconName,
        icon: mapping[prefix][iconName]
      };
    }
  }
  function toHtml(abstractNodes) {
    var tag = abstractNodes.tag,
        _abstractNodes$attrib = abstractNodes.attributes,
        attributes = _abstractNodes$attrib === undefined ? {} : _abstractNodes$attrib,
        _abstractNodes$childr = abstractNodes.children,
        children = _abstractNodes$childr === undefined ? [] : _abstractNodes$childr;
    if (typeof abstractNodes === 'string') {
      return htmlEscape(abstractNodes);
    } else {
      return '<' + tag + ' ' + joinAttributes(attributes) + '>' + children.map(toHtml).join("") + '<' + tag + '>';
    }
  }
  var noop$1 = function noop() {};
  function isWatched(node) {
    var i2svg = node.getAttribute ? node.getAttribute(DATA_FA_I2SVG) : null;
    return typeof i2svg === 'string';
  }
  function getMutator() {
    if (config$1.autoReplaceSvg === true) {
      return mutators.replace;
    }
    var mutator = mutators[config$1.autoReplaceSvg];
    return mutator || mutators.replace;
  }
  var mutators = {
    replace: function replace(mutation) {
      var node = mutation[0];
      var abstract = mutation[1];
      var newOuterHTML = abstract.map(function (a) {
        return toHtml(a);
      }).join("\n");
      if (node.parentNode && node.outerHTML) {
        node.outerHTML = newOuterHTML + (config$1.keepOriginalSource && node.tagName.toLowerCase() !== 'svg' ? '<!-- ' + node.outerHTML + ' --> : ');
      } else if (node.parentNode) {
        var newNode = document.createElement('span');
        node.parentNode.replaceChild(newNode, node);
        newNode.outerHTML = newOuterHTML;
      }
    }
  },
  nest: function nest(mutation) {
    var node = mutation[0];
    var abstract = mutation[1];
    // If we already have a replaced node we do not want to continue nesting within it.
    // Short-circuit to the standard replacement
    if (~classArray(node).indexOf(config$1.replacementClass)) {
      return mutators.replace(mutation);
    }
    var

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forSvg = new RegExp(config$1.familyPrefix + '-.*');\n\n delete abstract[0].attributes.style;\n\n var splitClasses =
abstract[0].attributes.class.split(' ').reduce(function (acc, cls) {\n  if (cls === config$1.replacementClass ||
cls.match(forSvg)) {\n    acc.toSvg.push(cls);\n  } else {\n    acc.toNode.push(cls);\n  }\n\n  return acc;\n
}, { toNode: [], toSvg: [] });\n\n abstract[0].attributes.class = splitClasses.toSvg.join(' ');\n\n var
newInnerHTML = abstract.map(function (a) {\n  return toHtml(a);\n }).join('\n');\n node.setAttribute('class',
splitClasses.toNode.join(' '));\n node.setAttribute(DATA_FA_I2SVG, '');\n node.innerHTML =
newInnerHTML;\n }\n}\n\nfunction perform(mutations, callback) {\n  var callbackFunction = typeof callback ===
'function' ? callback : noop$1;\n\n  if (mutations.length === 0) {\n    callbackFunction();\n  } else {\n    var frame =
WINDOW.requestAnimationFrame || function (op) {\n    return op();\n  };\n\n    frame(function () {\n    var
mutator = getMutator();\n    var mark = perf.begin('mutate');\n\n    mutations.map(mutator);\n\n    mark();\n\n    callbackFunction();\n  });\n  }\n\n\n  var disabled = false;\n\n  function disableObservation(operation) {\n    disabled
= true;\n    operation();\n    disabled = false;\n  }\n\n  var mo = null;\n\n  function observe(options) {\n    if
(!MUTATION_OBSERVER) return;\n\n    var treeCallback = options.treeCallback,\n    nodeCallback =
options.nodeCallback,\n    pseudoElementsCallback = options.pseudoElementsCallback;\n\n\n    mo = new
MUTATION_OBSERVER(function (objects) {\n    if (disabled) return;\n\n    toArray(objects).forEach(function
(mutationRecord) {\n    if (mutationRecord.type === 'childList' && mutationRecord.addedNodes.length > 0 &&
!isWatched(mutationRecord.addedNodes[0])) {\n    if (config$1.searchPseudoElements) {\n
pseudoElementsCallback(mutationRecord.target);\n    }\n\n    treeCallback(mutationRecord.target);\n    }\n\n
if (mutationRecord.type === 'attributes' && mutationRecord.target.parentNode &&
config$1.searchPseudoElements) {\n    pseudoElementsCallback(mutationRecord.target.parentNode);\n    }\n\n
if (mutationRecord.type === 'attributes' && isWatched(mutationRecord.target) &&
~ATTRIBUTES_WATCHED_FOR_MUTATION.indexOf(mutationRecord.attributeName)) {\n    if
(mutationRecord.attributeName === 'class') {\n    var _getCanonicalIcon =
getCanonicalIcon(classArray(mutationRecord.target)),\n    prefix = _getCanonicalIcon.prefix,\n
iconName = _getCanonicalIcon.iconName;\n\n    if (prefix) mutationRecord.target.setAttribute('data-prefix',
prefix);\n    if (iconName) mutationRecord.target.setAttribute('data-icon', iconName);\n    } else {\n
nodeCallback(mutationRecord.target);\n    }\n  }\n  });\n\n\n  mo.observe(DOCUMENT.getElementsByTagName('body')[0], {\n  childList: true, attributes: true, characterData:
true, subtree: true\n });\n\n\n  function disconnect() {\n    if (!mo) return;\n\n    mo.disconnect();\n  }\n\n  var styleParser
= function (node) {\n    var style = node.getAttribute('style');\n\n    var val = [];\n\n    if (style) {\n    val =
style.split(';').reduce(function (acc, style) {\n    var styles = style.split(':');\n    var prop = styles[0];\n    var value
= styles.slice(1);\n\n    if (prop && value.length > 0) {\n    acc[prop] = value.join(':').trim();\n    }\n\n    return
acc;\n  }, {});\n  }\n\n  return val;\n};\n\n  function toHex(unicode) {\n    var result = '';\n\n    for (var i = 0; i <
unicode.length; i++) {\n    var hex = unicode.charCodeAtAt(i).toString(16);\n    result += ('000' + hex).slice(-4);\n
}\n\n  return result;\n}\n\n  var classParser = function (node) {\n    var existingPrefix = node.getAttribute('data-
prefix');\n    var existingIconName = node.getAttribute('data-icon');\n    var innerText = node.innerText !== undefined
? node.innerText.trim() : '';\n\n    var val = getCanonicalIcon(classArray(node));\n\n    if (existingPrefix &&
existingIconName) {\n    val.prefix = existingPrefix;\n    val.iconName = existingIconName;\n  }\n\n    if (val.prefix
&& innerText.length > 1) {\n    val.iconName = byLigature(val.prefix, node.innerText);\n  } else if (val.prefix &&
innerText.length === 1) {\n    val.iconName = byUnicode(val.prefix, toHex(node.innerText));\n  }\n\n    return
val;\n};\n\n  var parseTransformString = function parseTransformString(transformString) {\n    var transform = {\n
size: 16,\n    x: 0,\n    y: 0,\n    flipX: false,\n    flipY: false,\n    rotate: 0\n };
\n\n    if (!transformString) {\n    return
transform;\n  } else {\n    return transformString.toLowerCase().split(' ').reduce(function (acc, n) {\n    var parts =
n.toLowerCase().split('-');\n    var first = parts[0];\n    var rest = parts.slice(1).join('-');\n\n    if (first && rest ===
'h') {\n    acc.flipX = true;\n    return acc;\n  }\n\n    if (first && rest === 'v') {\n    acc.flipY = true;\n
return acc;\n  }\n\n    rest = parseFloat(rest);\n\n    if (isNaN(rest)) {\n    return acc;\n  }\n\n    switch
(first) {\n    case 'grow':\n    acc.size = acc.size + rest;\n    break;\n    case 'shrink':\n    acc.size =
acc.size - rest;\n    break;\n    case 'left':\n    acc.x = acc.x - rest;\n    break;\n    case 'right':\n

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acc.x = acc.x + rest;\n      break;\n      case 'up':\n          acc.y = acc.y - rest;\n          break;\n      case 'down':\n          acc.y = acc.y + rest;\n          break;\n      case 'rotate':\n          acc.rotate = acc.rotate + rest;\n          break;\n    }\n    return acc;\n  }, transform);\n  }\n};\n\nvar transformParser = function (node) {\n  return\n  parseTransformString(node.getAttribute('data-fa-transform'));\n};\n\nvar symbolParser = function (node) {\n  var\n  symbol = node.getAttribute('data-fa-symbol');\n  return symbol === null ? false : symbol === '' ? true :\n  symbol;\n};\n\nvar attributesParser = function (node) {\n  var extraAttributes =\n  toArray(node.attributes).reduce(function (acc, attr) {\n    if (acc.name !== 'class' && acc.name !== 'style') {\n      acc[attr.name] = attr.value;\n    }\n    return acc;\n  }, {});\n  var title = node.getAttribute('title');\n  if\n  (config$.autoA11y) {\n    if (title) {\n      extraAttributes['aria-labelledby'] = config$.replacementClass + '-title-' +\n      nextUniqueId();\n    } else {\n      extraAttributes['aria-hidden'] = 'true';\n    }\n  }\n  return\n  extraAttributes;\n};\n\nvar maskParser = function (node) {\n  var mask = node.getAttribute('data-fa-mask');\n  if\n  (!mask) {\n    return emptyCanonicalIcon();\n  } else {\n    return getCanonicalIcon(mask.split(' ').map(function (i)\n    {\n      return i.trim();\n    }));\n  }\n};\n\nfunction parseMeta(node) {\n  var _classParser = classParser(node),\n  iconName = _classParser.iconName,\n  prefix = _classParser.prefix,\n  extraClasses = _classParser.rest;\n  var extraStyles = styleParser(node);\n  var transform = transformParser(node);\n  var symbol =\n  symbolParser(node);\n  var extraAttributes = attributesParser(node);\n  var mask = maskParser(node);\n  return {\n    iconName: iconName,\n    title: node.getAttribute('title'),\n    prefix: prefix,\n    transform: transform,\n    symbol:\n    symbol,\n    mask: mask,\n    extra: {\n      classes: extraClasses,\n      styles: extraStyles,\n      attributes:\n      extraAttributes\n    }\n  };\n}\n\nfunction MissingIcon(error) {\n  this.name = 'MissingIcon';\n  this.message = error\n  || 'Icon unavailable';\n  this.stack = new Error().stack;\n}\n\nMissingIcon.prototype =\nObject.create(Error.prototype);\nMissingIcon.prototype.constructor = MissingIcon;\n\nvar FILL = { fill:\n'currentColor' }; \nvar ANIMATION_BASE = {\n  attributeType: 'XML',\n  repeatCount: 'indefinite',\n  n dur:\n  '2s'\n}; \nvar RING = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n    d: 'M156.5,447.71-12.6,29.5c-18.7-9.5-\n35.9-21.2-51.5-34.9l22.7-22.7C127.6,430.5,141.5,440,156.5,447.7z M40.6,272H8.5\n  c1.4,21.2,5.4,41.7,11.7,61.1L50,321.2C45.1,305.5,41.8,289,40.6,272z M40.6,240c1.4-18.8,5.2-37,11.1-54.1l-29.5-\n12.6 C14.7,194.3,10,216.7,8.5,240H40.6z M64.3,156.5c7.8-14.9,17.2-28.8,28.1-41.5L69.7,92.3c-13.7,15.6-\n25.5,32.8-34.9,51.5 L64.3,156.5z M397,419.6c-13.9,12-29.4,22.3-46.1,30.4l11.9,29.8c20.7-9.9,39.8-22.6,56.9-\n37.6L397,419.6z M115,92.4 c13.9-12,29.4-22.3,46.1-30.4l-11.9-29.8c-20.7,9.9-39.8,22.6-56.8,37.6L115,92.4z\n  M447.7,355.5c-7.8,14.9-17.2,28.8-28.1,41.5 l22.7,22.7c13.7-15.6,25.5-32.9,34.9-51.5L447.7,355.5z M471.4,272c-\n1.4,18.8-5.2,37-11.1,54.1l29.5,12.6 c7.5-21.1,12.2-43.5,13.6-66.8H471.4z M321.2,462c-15.7,5-32.2,8.2-\n49.2,9.4v32.1c21.2-1.4,41.7-5.4,61.1-11.7L321.2,462z M240,471.4c-18.8-1.4-37-5.2-54.1-11.1l-\n12.6,29.5c21.1,7.5,43.5,12.2,66.8,13.6V471.4z M462,190.8c5,15.7,8.2,32.2,9.4,49.2h32.1 c-1.4-21.2-5.4-41.7-11.7-\n61.1L462,190.8z M92.4,397c-12-13.9-22.3-29.4-30.4-46.1l-29.8,11.9c9.9,20.7,22.6,39.8,37.6,56.9 L92.4,397z\n  M272,40.6c18.8,1.4,36.9,5.2,54.1,11.1l12.6-29.5C317.7,14.7,295.3,10,272,8.5V40.6z M190.8,50 c15.7-5,32.2-\n8.2,49.2-9.4V8.5c-21.2,1.4-41.7,5.4-61.1,11.7L190.8,50z M442.3,92.3L419.6,115c12,13.9,22.3,29.4,30.5,46.1\nl29.8-11.9C470,128.5,457.3,109.4,442.3,92.3z M397,92.4l22.7-22.7c-15.6-13.7-32.8-25.5-51.5-34.9l-12.6,29.5\nC370.4,72.1,384.4,81.5,397,92.4z\n  }\n}); \n\nvar OPACITY_ANIMATE = _extends({}, ANIMATION_BASE, {\n  attributeName: 'opacity'\n}); \n\nvar DOT = {\n  tag: 'circle',\n  attributes: _extends({}, FILL, {\n    cx: '256',\n    cy:\n    '364',\n    r: '28'\n  }),\n  children: [{\n    tag: 'animate',\n    attributes: _extends({}, ANIMATION_BASE, {\n      attributeName:\n      'r',\n      values: '28;14;28;28;14;28;\n    ' }) },\n    {\n      tag: 'animate',\n      attributes: _extends({}, OPACITY_ANIMATE, {\n        values:\n        '1;0;1;0;1;\n      ' }) }\n  ]\n}; \n\nvar QUESTION = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n    opacity: '1',\n    d:\n    'M263.7,312h-16c-6.6,0-12-5.4-12-12c0-71,77.4-63.9,77.4-107.8c0-20-17.8-40.2-57.4-40.2c-29.1,0-44.3,9.6-\n59.2,28.7 c-3.9,5-11.1,6-16.2,2.4l-13.1-9.2c-5.6-3.9-6.9-11.8-2.6-17.2c21.2-27.2,46.4-44.7,91.2-\n44.7c52.3,0,97.4,29.8,97.4,80.2 c0,67.6-77.4,63.5-77.4,107.8C275.7,306.6,270.3,312,263.7,312z\n  }\n  },\n  children: [\n    {\n      tag: 'animate',\n      attributes: _extends({}, OPACITY_ANIMATE, {\n        values: '1;0;0;0;1;\n      ' }) }\n  ]\n}; \n\nvar EXCLAMATION = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n    opacity: '0',\n    d:\n    'M232.5,134.5l7,168c0.3,6.4,5.6,11.5,12,11.5h9c6.4,0,11.7-5.1,12-11.5l7-168c0.3-6.8-5.2-12.5-12-12.5h-23\n  C237.7,122,232.2,127.7,232.5,134.5z\n  }\n  },\n  children: [{\n    tag: 'animate',\n    attributes: _extends({},

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OPACITY_ANIMATE, { values: '0;0;1;1;0;0;' }) }}\n);\n\nvar missing = { tag: 'g', children: [RING, DOT,
QUESTION, EXCLAMATION] };\n\nvar styles = namespace.styles;\n\nvar LAYERS_TEXT_CLASSNAME = 'fa-
layers-text';\n\nvar FONT_FAMILY_PATTERN = /Font Awesome 5 (Solid|Regular|Light|Brands);/\n\nvar
STYLE_TO_PREFIX = {\n 'Solid': 'fas',\n 'Regular': 'far',\n 'Light': 'fal',\n 'Brands': 'fab'\n};\n\nfunction
findIcon(iconName, prefix) {\n var val = {\n found: false,\n width: 512,\n height: 512,\n icon: missing\n
};\n\n if (iconName && prefix && styles[prefix] && styles[prefix][iconName]) {\n var icon =
styles[prefix][iconName];\n var width = icon[0];\n var height = icon[1];\n var vectorData = icon.slice(4);\n\n
val = {\n found: true,\n width: width,\n height: height,\n icon: { tag: 'path', attributes: { fill:
'currentColor', d: vectorData[0] } }\n }; \n } else if (iconName && prefix && !config$.showMissingIcons) {\n
throw new MissingIcon('Icon is missing for prefix ' + prefix + ' with icon name ' + iconName);\n } \n\n return
val;\n}\n\nfunction generateSvgReplacementMutation(node, nodeMeta) {\n var iconName =
nodeMeta.iconName,\n title = nodeMeta.title,\n prefix = nodeMeta.prefix,\n transform =
nodeMeta.transform,\n symbol = nodeMeta.symbol,\n mask = nodeMeta.mask,\n extra =
nodeMeta.extra;\n\n\n return [node, makeInlineSvgAbstract({\n icons: {\n main: findIcon(iconName,
prefix),\n mask: findIcon(mask.iconName, mask.prefix)\n },\n prefix: prefix,\n iconName: iconName,\n
transform: transform,\n symbol: symbol,\n mask: mask,\n title: title,\n extra: extra,\n watchable: true\n
})];\n}\n\nfunction generateLayersText(node, nodeMeta) {\n var title = nodeMeta.title,\n transform =
nodeMeta.transform,\n extra = nodeMeta.extra;\n\n\n var width = null;\n var height = null;\n\n if (IS_IE) {\n
var computedFontSize = parseInt(getComputedStyle(node).fontSize, 10);\n var boundingClientRect =
node.getBoundingClientRect();\n width = boundingClientRect.width / computedFontSize;\n height =
boundingClientRect.height / computedFontSize;\n }\n\n if (config$.autoA11y && !title) {\n
extra.attributes['aria-hidden'] = 'true';\n }\n\n return [node, makeLayersTextAbstract({\n content:
node.innerHTML,\n width: width,\n height: height,\n transform: transform,\n title: title,\n extra: extra,\n
watchable: true\n })];\n}\n\nfunction generateMutation(node) {\n var nodeMeta = parseMeta(node);\n\n if
(~nodeMeta.extra.classes.indexOf(LAYERS_TEXT_CLASSNAME)) {\n return generateLayersText(node,
nodeMeta);\n } else {\n return generateSvgReplacementMutation(node, nodeMeta);\n }\n}\n\nfunction
remove(node) {\n if (typeof node.remove === 'function') {\n node.remove();\n } else if (node &&
node.parentNode) {\n node.parentNode.removeChild(node);\n }\n}\n\nfunction searchPseudoElements(root) {\n
if (!IS_DOM) return;\n\n var end = perf.begin('searchPseudoElements');\n\n disableObservation(function () {\n
toArray(root.querySelectorAll('*')).forEach(function (node) {\n ['before', 'after'].forEach(function (pos) {\n
var styles = WINDOW.getComputedStyle(node, pos);\n var fontFamily = styles.getPropertyValue('font-
family').match(FONT_FAMILY_PATTERN);\n var children = toArray(node.children);\n var
pseudoElement = children.filter(function (c) {\n return c.getAttribute(DATA_FA_PSEUDO_ELEMENT) ===
pos;\n })[0];\n\n if (pseudoElement) {\n if (pseudoElement.nextSibling &&
pseudoElement.nextSibling.textContent.indexOf(DATA_FA_PSEUDO_ELEMENT) > -1) {\n
remove(pseudoElement.nextSibling);\n } \n remove(pseudoElement);\n pseudoElement = null;\n
}\n\n if (fontFamily && !pseudoElement) {\n var content = styles.getPropertyValue('content');\n var
i = DOCUMENT.createElement('i');\n i.setAttribute('class', ' ' + STYLE_TO_PREFIX[fontFamily[1]]);\n
i.setAttribute(DATA_FA_PSEUDO_ELEMENT, pos);\n i.innerText = content.length === 3 ?
content.substr(1, 1) : content;\n if (pos === 'before') {\n node.insertBefore(i, node.firstChild);\n }
else {\n node.appendChild(i);\n }\n }\n });\n });\n\n end();\n}\n\nfunction onTree(root)
{\n var callback = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : null;\n\n if (!IS_DOM)
return;\n\n var htmlClassList = DOCUMENT.documentElement.classList;\n var hclAdd = function hclAdd(suffix)
{\n return htmlClassList.add(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n }; \n var hclRemove =
function hclRemove(suffix) {\n return htmlClassList.remove(HTML_CLASS_I2SVG_BASE_CLASS + '-' +
suffix);\n }; \n var prefixes = Object.keys(styles);\n var prefixesDomQuery = ['. ' +
LAYERS_TEXT_CLASSNAME + ':not([' + DATA_FA_I2SVG + ']).concat(prefixes.map(function (p) {\n
return '.' + p + ':not([' + DATA_FA_I2SVG + ']);\n })).join(', '); \n\n if (prefixesDomQuery.length === 0) {\n

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return;\n }\n\n var candidates = toArray(root.querySelectorAll(prefixesDomQuery));\n\n if (candidates.length > 0)
{\n  hclAdd('pending');\n  hclRemove('complete');\n } else {\n  return;\n }\n\n var mark =
perf.begin('onTree');\n\n var mutations = candidates.reduce(function (acc, node) {\n  try {\n    var mutation =
generateMutation(node);\n\n    if (mutation) {\n      acc.push(mutation);\n    }\n  } catch (e) {\n    if
(!PRODUCTION) {\n      if (e instanceof MissingIcon) {\n        console.error(e);\n      }\n    }\n  }\n\n  return
acc;\n }, []);\n\n mark();\n\n perform(mutations, function () {\n  hclAdd('active');\n  hclAdd('complete');\n
hclRemove('pending');\n\n  if (typeof callback === 'function') callback();\n });\n\n\nfunction onNode(node) {\n
var callback = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : null;\n\n  var mutation =
generateMutation(node);\n\n  if (mutation) {\n    perform([mutation], callback);\n  }\n\n\nvar baseStyles =
\"svg:not(:root).svg-inline--fa {\n  overflow: visible; }\n\n.svg-inline--fa {\n  display: inline-block;\n  font-size:
inherit;\n  height: 1em;\n  overflow: visible;\n  vertical-align: -.125em; }\n\n.svg-inline--fa.fa-lg {\n  vertical-
align: -.225em; }\n\n.svg-inline--fa.fa-w-1 {\n  width: 0.0625em; }\n\n.svg-inline--fa.fa-w-2 {\n  width:
0.125em; }\n\n.svg-inline--fa.fa-w-3 {\n  width: 0.1875em; }\n\n.svg-inline--fa.fa-w-4 {\n  width: 0.25em; }\n\n
.svg-inline--fa.fa-w-5 {\n  width: 0.3125em; }\n\n.svg-inline--fa.fa-w-6 {\n  width: 0.375em; }\n\n.svg-inline-
fa.fa-w-7 {\n  width: 0.4375em; }\n\n.svg-inline--fa.fa-w-8 {\n  width: 0.5em; }\n\n.svg-inline--fa.fa-w-9 {\n
width: 0.5625em; }\n\n.svg-inline--fa.fa-w-10 {\n  width: 0.625em; }\n\n.svg-inline--fa.fa-w-11 {\n  width:
0.6875em; }\n\n.svg-inline--fa.fa-w-12 {\n  width: 0.75em; }\n\n.svg-inline--fa.fa-w-13 {\n  width: 0.8125em;
}\n\n.svg-inline--fa.fa-w-14 {\n  width: 0.875em; }\n\n.svg-inline--fa.fa-w-15 {\n  width: 0.9375em; }\n\n.svg-
inline--fa.fa-w-16 {\n  width: 1em; }\n\n.svg-inline--fa.fa-w-17 {\n  width: 1.0625em; }\n\n.svg-inline--fa.fa-w-
18 {\n  width: 1.125em; }\n\n.svg-inline--fa.fa-w-19 {\n  width: 1.1875em; }\n\n.svg-inline--fa.fa-w-20 {\n
width: 1.25em; }\n\n.svg-inline--fa.fa-pull-left {\n  margin-right: .3em;\n  width: auto; }\n\n.svg-inline--fa.fa-
pull-right {\n  margin-left: .3em;\n  width: auto; }\n\n.svg-inline--fa.fa-border {\n  height: 1.5em; }\n\n.svg-
inline--fa.fa-li {\n  width: 2em; }\n\n.svg-inline--fa.fa-fw {\n  width: 1.25em; }\n\n\n.nfa-layers svg.svg-inline--fa
{\n  bottom: 0;\n  left: 0;\n  margin: auto;\n  position: absolute;\n  right: 0;\n  top: 0; }\n\n\n.nfa-layers {\n
display: inline-block;\n  height: 1em;\n  position: relative;\n  text-align: center;\n  vertical-align: -.125em;\n
width: 1em; }\n\n .fa-layers svg.svg-inline--fa {\n  -webkit-transform-origin: center center;\n    transform-
origin: center center; }\n\n\n.nfa-layers-text, .fa-layers-counter {\n  display: inline-block;\n  position: absolute;\n
text-align: center; }\n\n\n.nfa-layers-text {\n  left: 50%;\n  top: 50%;\n  -webkit-transform: translate(-50%, -
50%);\n    transform: translate(-50%, -50%);\n  -webkit-transform-origin: center center;\n    transform-
origin: center center; }\n\n\n.nfa-layers-counter {\n  background-color: #ff253a;\n  border-radius: 1em;\n  -webkit-
box-sizing: border-box;\n    box-sizing: border-box;\n  color: #fff;\n  height: 1.5em;\n  line-height: 1;\n  max-
width: 5em;\n  min-width: 1.5em;\n  overflow: hidden;\n  padding: .25em;\n  right: 0;\n  text-overflow:
ellipsis;\n  top: 0;\n  -webkit-transform: scale(0.25);\n    transform: scale(0.25);\n  -webkit-transform-origin:
top right;\n    transform-origin: top right; }\n\n\n.nfa-layers-bottom-right {\n  bottom: 0;\n  right: 0;\n  top:
auto;\n  -webkit-transform: scale(0.25);\n    transform: scale(0.25);\n  -webkit-transform-origin: bottom
right;\n    transform-origin: bottom right; }\n\n\n.nfa-layers-bottom-left {\n  bottom: 0;\n  left: 0;\n  right:
auto;\n  top: auto;\n  -webkit-transform: scale(0.25);\n    transform: scale(0.25);\n  -webkit-transform-origin:
bottom left;\n    transform-origin: bottom left; }\n\n\n.nfa-layers-top-right {\n  right: 0;\n  top: 0;\n  -webkit-
transform: scale(0.25);\n    transform: scale(0.25);\n  -webkit-transform-origin: top right;\n    transform-
origin: top right; }\n\n\n.nfa-layers-top-left {\n  left: 0;\n  right: auto;\n  top: 0;\n  -webkit-transform: scale(0.25);\n
transform: scale(0.25);\n  -webkit-transform-origin: top left;\n    transform-origin: top left; }\n\n\n.nfa-lg
{\n  font-size: 1.33333em;\n  line-height: 0.75em;\n  vertical-align: -.0667em; }\n\n\n.nfa-xs {\n  font-size: .75em;
}\n\n\n.nfa-sm {\n  font-size: .875em; }\n\n\n.nfa-1x {\n  font-size: 1em; }\n\n\n.nfa-2x {\n  font-size: 2em; }\n\n\n.nfa-
3x {\n  font-size: 3em; }\n\n\n.nfa-4x {\n  font-size: 4em; }\n\n\n.nfa-5x {\n  font-size: 5em; }\n\n\n.nfa-6x {\n
font-size: 6em; }\n\n\n.nfa-7x {\n  font-size: 7em; }\n\n\n.nfa-8x {\n  font-size: 8em; }\n\n\n.nfa-9x {\n  font-size: 9em;
}\n\n\n.nfa-10x {\n  font-size: 10em; }\n\n\n.nfa-fw {\n  text-align: center;\n  width: 1.25em; }\n\n\n.nfa-ul {\n  list-
style-type: none;\n  margin-left: 2.5em;\n  padding-left: 0; }\n\n .fa-ul > li {\n  position: relative; }\n\n\n.nfa-li {\n
left: -2em;\n  position: absolute;\n  text-align: center;\n  width: 2em;\n  line-height: inherit; }\n\n\n.nfa-border {\n

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border: solid 0.08em #eee;\n border-radius: .1em;\n padding: .2em .25em .15em; }\n\n.fa-pull-left {\n float:
left; }\n\n.fa-pull-right {\n float: right; }\n\n.fa.fa-pull-left,\n.fas.fa-pull-left,\n.far.fa-pull-left,\n.fal.fa-pull-
left,\n.fab.fa-pull-left {\n margin-right: .3em; }\n\n.fa.fa-pull-right,\n.fas.fa-pull-right,\n.far.fa-pull-
right,\n.fal.fa-pull-right,\n.fab.fa-pull-right {\n margin-left: .3em; }\n\n.fa-spin {\n -webkit-animation: fa-spin
2s infinite linear;\n animation: fa-spin 2s infinite linear; }\n\n.fa-pulse {\n -webkit-animation: fa-spin 1s
infinite steps(8);\n animation: fa-spin 1s infinite steps(8); }\n\n@\n-webkit-keyframes fa-spin {\n 0% {\n -
webkit-transform: rotate(0deg);\n transform: rotate(0deg); }\n 100% {\n -webkit-transform:
rotate(360deg);\n transform: rotate(360deg); }\n}\n\n@\nkeyframes fa-spin {\n 0% {\n -webkit-transform:
rotate(0deg);\n transform: rotate(0deg); }\n 100% {\n -webkit-transform: rotate(360deg);\n
transform: rotate(360deg); }\n}\n\n.fa-rotate-90 {\n -ms-filter:
\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=1)\\\";\n -webkit-transform: rotate(90deg);\n
transform: rotate(90deg); }\n\n.fa-rotate-180 {\n -ms-filter:
\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2)\\\";\n -webkit-transform: rotate(180deg);\n
transform: rotate(180deg); }\n\n.fa-rotate-270 {\n -ms-filter:
\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=3)\\\";\n -webkit-transform: rotate(270deg);\n
transform: rotate(270deg); }\n\n.fa-flip-horizontal {\n -ms-filter:
\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=0, mirror=1)\\\";\n -webkit-transform: scale(-1,
1);\n transform: scale(-1, 1); }\n\n.fa-flip-vertical {\n -ms-filter:
\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)\\\";\n -webkit-transform: scale(1, -
1);\n transform: scale(1, -1); }\n\n.fa-flip-horizontal.fa-flip-vertical {\n -ms-filter:
\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)\\\";\n -webkit-transform: scale(-1, -
1);\n transform: scale(-1, -1); }\n\n:root .fa-rotate-90,\n:root .fa-rotate-180,\n:root .fa-rotate-270,\n:root .fa-
flip-horizontal,\n:root .fa-flip-vertical {\n -webkit-filter: none;\n filter: none; }\n\n.fa-stack {\n display:
inline-block;\n height: 2em;\n position: relative;\n width: 2em; }\n\n.fa-stack-1x,\n.fa-stack-2x {\n bottom:
0;\n left: 0;\n margin: auto;\n position: absolute;\n right: 0;\n top: 0; }\n\n.svg-inline--fa.fa-stack-1x {\n
height: 1em;\n width: 1em; }\n\n.svg-inline--fa.fa-stack-2x {\n height: 2em;\n width: 2em; }\n\n.fa-inverse
{\n color: #fff; }\n\n.sr-only {\n border: 0;\n clip: rect(0, 0, 0, 0);\n height: 1px;\n margin: -1px;\n
overflow: hidden;\n padding: 0;\n position: absolute;\n width: 1px; }\n\n.sr-only-focusable:active, .sr-only-
focusable:focus {\n clip: auto;\n height: auto;\n margin: 0;\n overflow: visible;\n position: static;\n width:
auto; }\n\n\";\n\nvar css = function () {\n var dfp = DEFAULT_FAMILY_PREFIX;\n var drc =
DEFAULT_REPLACEMENT_CLASS;\n var fp = config$.familyPrefix;\n var rc = config$.replacementClass;\n
var s = baseStyles;\n\n if (fp !== dfp || rc !== drc) {\n var dPatt = new RegExp('\\\\.' + dfp + '\\\\|-', 'g');\n
var rPatt = new RegExp('\\\\.' + drc, 'g');\n s = s.replace(dPatt, '.' + fp + '-').replace(rPatt, '.' + rc);\n
}\n\n return
s;\n};\n\nfunction define(prefix, icons) {\n var normalized = Object.keys(icons).reduce(function (acc, iconName)
{\n var icon = icons[iconName];\n var expanded = !!icon.icon;\n\n if (expanded) {\n acc[icon.iconName] =
icon.icon;\n } else {\n acc[iconName] = icon;\n }\n return acc;\n }, {});\n\n if (typeof
namespace.hooks.addPack === 'function') {\n namespace.hooks.addPack(prefix, normalized);\n } else {\n
namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, normalized);\n }\n\n /**\n * Font
Awesome 4 used the prefix of `fa` for all icons. With the introduction\n * of new styles we needed to differentiate
between them. Prefix `fa` is now an alias\n * for `fas` so we'll ease the upgrade process for our users by
automatically defining\n * this as well.\n *\n if (prefix === 'fas') {\n define('fa', icons);\n }\n}\n\nvar
Library = function () {\n function Library() {\n classCallCheck(this, Library);\n\n this.definitions = {};\n
}\n\n createClass(Library, [{\n key: 'add',\n value: function add() {\n var _this = this;\n\n for (var _len =
arguments.length, definitions = Array(_len), _key = 0; _key < _len; _key++) {\n definitions[_key] =
arguments[_key];\n }\n\n var additions = definitions.reduce(this._pullDefinitions, {});\n\n
Object.keys(additions).forEach(function (key) {\n _this.definitions[key] = _extends({}, _this.definitions[key] ||
{}, additions[key]);\n define(key, additions[key]);\n });\n }\n }, {\n key: 'reset',\n value: function
reset() {\n this.definitions = {};\n }\n }, {\n key: '_pullDefinitions',\n value: function

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_pullDefinitions(additions, definition) {\n    var normalized = definition.prefix && definition.iconName &&
definition.icon ? { 0: definition } : definition;\n    Object.keys(normalized).map(function (key) {\n        var
_normalizedName = normalized[key],\n        prefix = _normalized$key.prefix,\n        iconName =
_normalizedName.iconName,\n        icon = _normalized$key.icon;\n\n        if (!additions[prefix])
additions[prefix] = {};\n        additions[prefix][iconName] = icon;\n    });\n    return additions;\n };\n}
return Library();\n}\n\nfunction prepIcon(icon) {\n    var width = icon[0];\n    var height = icon[1];\n    var vectorData =
icon.slice(4);\n\n    return {\n        found: true,\n        width: width,\n        height: height,\n        icon: { tag: 'path', attributes: {
fill: 'currentColor', d: vectorData[0] } }\n    };\n\n    var _cssInserted = false;\n\n    function ensureCss() {\n        if
(!config$.1.autoAddCss) {\n            return;\n        }\n        if (!_cssInserted) {\n            insertCss(css());\n        }\n        _cssInserted =
true;\n    }\n\n    function apiObject(val, abstractCreator) {\n        Object.defineProperty(val, 'abstract', {\n            get:
abstractCreator\n        });\n        Object.defineProperty(val, 'html', {\n            get: function get() {\n                return
val.abstract.map(function (a) {\n                    return toHtml(a);\n                });\n            }\n        });\n        Object.defineProperty(val, 'node',
{\n            get: function get() {\n                if (!IS_DOM) return;\n                var container = DOCUMENT.createElement('div');\n                container.innerHTML = val.html;\n                return container.children;\n            }\n        });\n        return val;\n    }\n\n    function
findIconDefinition(params) {\n        var _params$prefix = params.prefix,\n            prefix = _params$prefix === undefined ?
'fa' : _params$prefix,\n            iconName = params.iconName;\n\n        if (!iconName) return;\n\n        return
iconFromMapping(library.definitions, prefix, iconName) || iconFromMapping(namespace.styles, prefix,
iconName);\n    }\n\n    function resolveIcons(next) {\n        return function (maybeIconDefinition) {\n            var params =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n\n            var iconDefinition =
(maybeIconDefinition || {}).icon ? maybeIconDefinition : findIconDefinition(maybeIconDefinition || {});\n\n            var
mask = params.mask;\n\n            if (mask) {\n                mask = (mask || {});.icon ? mask : findIconDefinition(mask || {});\n            }\n\n            return next(iconDefinition, _extends({}, params, { mask: mask }));\n        };\n    }\n\n    var library = new
Library();\n\n    var noAuto = function noAuto() {\n        auto(false);\n        disconnect();\n    };\n\n    var dom = {\n        i2svg: function
i2svg() {\n            var params = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n\n            if
(IS_DOM) {\n                ensureCss();\n                var _params$node = params.node,\n                    node = _params$node ===
undefined ? DOCUMENT : _params$node,\n                    _params$callback = params.callback,\n                    callback =
_params$callback === undefined ? function () {} : _params$callback;\n\n                if (config$.1.searchPseudoElements)
{\n                    searchPseudoElements(node);\n                }\n                onTree(node, callback);\n            }\n            css: css,\n            insertCss:
function insertCss$$1() {\n                insertCss(css());\n            };\n        };\n\n    var parse = {\n        transform: function
transform(transformString) {\n            return parseTransformString(transformString);\n        }\n    };\n\n    var icon =
resolveIcons(function (iconDefinition) {\n        var params = arguments.length > 1 && arguments[1] !== undefined ?
arguments[1] : {};\n        var _params$transform = params.transform,\n            transform = _params$transform ===
undefined ? meaninglessTransform : _params$transform,\n            _params$symbol = params.symbol,\n            symbol =
_params$symbol === undefined ? false : _params$symbol,\n            _params$mask = params.mask,\n            mask =
_params$mask === undefined ? null : _params$mask,\n            _params$title = params.title,\n            title = _params$title
=== undefined ? null : _params$title,\n            _params$classes = params.classes,\n            classes = _params$classes ===
undefined ? [] : _params$classes,\n            _params$attributes = params.attributes,\n            attributes = _params$attributes
=== undefined ? {} : _params$attributes,\n            _params$styles = params.styles,\n            styles = _params$styles ===
undefined ? {} : _params$styles;\n\n        if (!iconDefinition) return;\n\n        var prefix = iconDefinition.prefix,\n            iconName = iconDefinition.iconName,\n            icon = iconDefinition.icon;\n\n        return apiObject(_extends({ type:
'icon' }, iconDefinition), function () {\n            ensureCss();\n\n            if (config$.1.autoA11y) {\n                if (title) {\n                    attributes['aria-labelledby'] = config$.1.replacementClass + '-title-' + nextUniqueId();\n                } else {\n                    attributes['aria-hidden'] = 'true';\n                }\n            }\n\n            return makeInlineSvgAbstract({\n                icons: {\n                    main:
prepIcon(icon),\n                    mask: mask ? prepIcon(mask.icon) : { found: false, width: null, height: null, icon: {} }\n                },\n                prefix: prefix,\n                iconName: iconName,\n                transform: _extends({}, meaninglessTransform, transform),\n                symbol: symbol,\n                title: title,\n                extra: {\n                    attributes: attributes,\n                    styles: styles,\n                    classes:
classes\n                }\n            });\n        };\n    };\n\n    var text = function text(content) {\n        var params = arguments.length > 1 &&
arguments[1] !== undefined ? arguments[1] : {};\n        var _params$transform2 = params.transform,\n            transform =

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_params$transform2 === undefined ? meaninglessTransform : _params$transform2,\n  _params$title2 =
params.title,\n  title = _params$title2 === undefined ? null : _params$title2,\n  _params$classes2 =
params.classes,\n  classes = _params$classes2 === undefined ? [] : _params$classes2,\n  _params$attributes2 =
params.attributes,\n  attributes = _params$attributes2 === undefined ? {} : _params$attributes2,\n
_params$styles2 = params.styles,\n  styles = _params$styles2 === undefined ? {} : _params$styles2;\n\n\n return
apiObject({ type: 'text', content: content }, function () {\n  ensureCss();\n\n  return makeLayersTextAbstract({\n    content: content,\n    transform: _extends({}, meaninglessTransform, transform),\n    title: title,\n    extra: {\n      attributes: attributes,\n      styles: styles,\n      classes: [config$1.familyPrefix + '-layers-
text'].concat(toConsumableArray(classes))\n    }\n  });\n});\n\n\nvar layer = function layer(assembly) {\n  return apiObject({ type: 'layer' }, function () {\n    ensureCss();\n\n    var children = [];\n\n    assembler(function
(args) {\n      Array.isArray(args) ? args.map(function (a) {\n        children = children.concat(a.abstract);\n      }) :
children = children.concat(args.abstract);\n    });\n\n    return [{\n      tag: 'span',\n      attributes: { class:
config$1.familyPrefix + '-layers' },\n      children: children\n    }];\n  });\n});\n\n\nvar api$1 = {\n  noAuto: noAuto,\n  dom: dom,\n  library: library,\n  parse: parse,\n  findIconDefinition: findIconDefinition,\n  icon: icon,\n  text: text,\n  layer: layer\n};\n\n\nvar autoReplace = function autoReplace() {\n  if (IS_DOM && config$1.autoReplaceSvg)
api$1.dom.i2svg({ node: DOCUMENT });\n};\n\n\nfunction bootstrap() {\n  if (IS_BROWSER) {\n    if
(!WINDOW.FontAwesome) {\n      WINDOW.FontAwesome = api$1;\n    }\n\n    domready(function () {\n      if
(Object.keys(namespace.styles).length > 0) {\n        autoReplace();\n      }\n\n      if (config$1.observeMutations &&
typeof MutationObserver === 'function') {\n        observe({\n          treeCallback: onTree,\n          nodeCallback:
onNode,\n          pseudoElementsCallback: searchPseudoElements\n        });\n      }\n    });\n  }\n\n  namespace.hooks = _extends({}, namespace.hooks, {\n\n    addPack: function addPack(prefix, icons) {\n      namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, icons);\n\n      build();\n      autoReplace();\n    },\n\n    addShims: function addShims(shims) {\n      var _namespace$shims;\n      (_namespace$shims =
namespace.shims).push.apply(_namespace$shims, toConsumableArray(shims));\n\n      build();\n      autoReplace();\n    }\n  });\n\n  Object.defineProperty(api$1, 'config', {\n    get: function get() {\n      return
config$1;\n    },\n    set: function set(newConfig) {\n      update(newConfig);\n    }\n  });\n\n  if (IS_DOM)
bunker(bootstrap);\n\n  var config = api$1.config;\n\n  \nexport { config, icon, noAuto, layer, text, library, dom, parse,
findIconDefinition };
\nexport default api$1;\n\n","var isObject = require('./_is-object');\n\nmodule.exports = function
(it) {\n  if (!isObject(it)) throw TypeError(it + ' is not an object!');\n  return it;\n};\n\n"/**\n * This method returns
the first argument it receives.\n * @static\n * @since 0.1.0\n * @memberOf _\n * @category Util\n * @param
{*} value Any value.\n * @returns {*} Returns `value`.\n * @example\n *\n * var object = { 'a': 1 };
\n *\n * console.log(_identity(object) === object);\n *\n * // => true\n */\nfunction identity(value) {\n  return
value;\n}\n\nmodule.exports = identity;\n\n","var has = require('./_has');\n\nvar toObject = require('./_to-iobject');\n\nvar
arrayIndexOf = require('./_array-includes')(false);\n\nvar IE_PROTO = require('./_shared-
key')(IE_PROTO);\n\nmodule.exports = function (object, names) {\n  var O = toObject(object);\n  var i = 0;\n  var
result = [];\n  var key;\n  for (key in O) if (key != IE_PROTO) has(O, key) && result.push(key);\n  // Don't enum
bug & hidden keys\n  while (names.length > i) if (has(O, key = names[i++])) {\n    ~arrayIndexOf(result, key) ||
result.push(key);\n  }\n  return result;\n};\n\n","var Symbol = require('./_Symbol'),\n  arrayMap =
require('./_arrayMap'),\n  isArray = require('./isArray'),\n  isSymbol = require('./isSymbol');\n\n/** Used as
references for various `Number` constants. */\nvar INFINITY = 1 / 0;\n\n/** Used to convert symbols to primitives
and strings. */\nvar symbolProto = Symbol ? Symbol.prototype : undefined,\n  symbolToString = symbolProto ?
symbolProto.toString : undefined;\n\n/**\n * The base implementation of `_.toString` which doesn't convert
nullish\n * values to empty strings.\n * @private\n * @param {*} value The value to process.\n * @returns
{string} Returns the string.\n */\nfunction baseToString(value) {\n  // Exit early for strings to avoid a performance
hit in some environments.\n  if (typeof value == 'string') {\n    return value;\n  }\n  if (isArray(value)) {\n    //
Recursively convert values (susceptible to call stack limits).\n    return arrayMap(value, baseToString) + "";\n  }\n  if
(isSymbol(value)) {\n    return symbolToString ? symbolToString.call(value) : "";\n  }\n  var result = (value + "");\n  return
(result == '0' && (1 / value) == -INFINITY) ? '-0' : result;\n}\n\nmodule.exports = baseToString;\n\n","var

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ListCache = require('./_ListCache'),\n  Map = require('./_Map'),\n  MapCache = require('./_MapCache');\n\n/**
Used as the size to enable large array optimizations. */\nvar LARGE_ARRAY_SIZE = 200;\n\n/**\n * Sets the
stack `key` to `value`.\n * @private\n * @name set\n * @memberOf Stack\n * @param {string} key The key of
the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the stack cache instance.\n
*/\nfunction stackSet(key, value) {\n  var data = this.__data__;\n  if (data instanceof ListCache) {\n    var pairs =
data.__data__;\n    if (!Map || (pairs.length < LARGE_ARRAY_SIZE - 1)) {\n      pairs.push([key, value]);\n      this.size = ++data.size;\n      return this;\n    }\n    data = this.__data__ = new MapCache(pairs);\n  }\n  data.set(key,
value);\n  this.size = data.size;\n  return this;\n}\n\nmodule.exports = stackSet;\n", "use
strict";\nObject.defineProperty(exports, '__esModule', { value: true });\nvar prefix = 'fas';\nvar iconName =
'envelope';\nvar width = 512;\nvar height = 512;\nvar ligatures = [];\nvar unicode = 'f0e0';\nvar svgPathData =
'M502.3 190.8c3.9-3.1 9.7-2.9 7.4 4.7V400c0 26.5-21.5 48-48 48H48c-26.5 0-48-21.5-48-48V195.6c0-5 5.7-7.8 9.7-
4.7 22.4 17.4 52.1 39.5 154.1 113.6 21.1 15.4 56.7 47.8 92.2 47.6 35.7 3 72-32.8 92.3-47.6 102-74.1 131.6-96.3
154-113.7zM256 320c23.2 4 56.6-29.2 73.4-41.4 132.7-96.3 142.8-104.7 173.4-128.7 5.8-4.5 9.2-11.5 9.2-18.9v-
19c0-26.5-21.5-48-48-48H48C21.5 64 0 85.5 0 112v19c0 7.4 3.4 14.3 9.2 18.9 30.6 23.9 40.7 32.4 173.4 128.7 16.8
12.2 50.2 41.8 73.4 41.4z';\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n
width,\n  height,\n  ligatures,\n  unicode,\n  svgPathData\n ]};\n\nexports.faEnvelope =
exports.definition;\nexports.prefix = prefix;\nexports.iconName = iconName;\nexports.width =
width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode = unicode;\nexports.svgPathData =
svgPathData;\n", "*/\n * This method returns a new empty array.\n * @static\n * @memberOf _\n * @since
4.13.0\n * @category Util\n * @returns {Array} Returns the new empty array.\n * @example\n * var arrays =
_.times(2, _.stubArray);\n * console.log(arrays);\n * // => [[], []]\n * console.log(arrays[0] === arrays[1]);\n
* // => false\n */\nfunction stubArray() {\n  return [];\n}\n\nmodule.exports = stubArray;\n", "var baseIsArguments =
require('./_baseIsArguments'),\n  isObjectLike = require('./isObjectLike');\n\n/** Used for built-in method
references. */\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties. */\nvar
hasOwnProperty = objectProto.hasOwnProperty;\n\n/** Built-in value references. */\nvar propertyIsEnumerable =
objectProto.propertyIsEnumerable;\n\n/**\n * Checks if `value` is likely an `arguments` object.\n * @static\n *
@memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns
{boolean} Returns `true` if `value` is an `arguments` object, `false` otherwise.\n * @example\n * _\n
.isArguments(function() { return arguments; }());\n * // => true\n * _\n.isArguments([1, 2, 3]);\n * // => false\n
*/\nvar isArguments = baseIsArguments(function() { return arguments; }()) ? baseIsArguments : function(value) {\n
return isObjectLike(value) && hasOwnProperty.call(value, 'callee') && !propertyIsEnumerable.call(value,
'callee');\n};\n\nmodule.exports = isArguments;\n", "module.exports = function (it) {\n  return typeof it === 'object' ?
it !== null : typeof it === 'function';\n};\n", "*/\n * The base implementation of `_.sortBy` which uses `comparer` to
define the\n * sort order of `array` and replaces criteria objects with their corresponding\n * values.\n * @private\n
* @param {Array} array The array to sort.\n * @param {Function} comparer The function to define sort
order.\n * @returns {Array} Returns `array`.\n */\nfunction baseSortBy(array, comparer) {\n  var length =
array.length;\n\n  array.sort(comparer);\n  while (length--) {\n    array[length] = array[length].value;\n  }\n  return
array;\n}\n\nmodule.exports = baseSortBy;\n", "export default function _classCallCheck(instance, Constructor) {\n
if (!(instance instanceof Constructor)) {\n  throw new TypeError("Cannot call a class as a function");\n}\n}\n", "module.exports = function (done, value) {\n  return { value: value, done: !!done };;\n};\n", "var MapCache =
require('./_MapCache'),\n  setCacheAdd = require('./_setCacheAdd'),\n  setCacheHas =
require('./_setCacheHas');\n\n/**\n * Creates an array cache object to store unique values.\n * @private\n *
@constructor\n * @param {Array} [values] The values to cache.\n */\nfunction SetCache(values) {\n  var index = -
1,\n    length = values == null ? 0 : values.length;\n\n  this.__data__ = new MapCache;\n  while (++index < length)
{\n    this.add(values[index]);\n  }\n}\n\n// Add methods to `SetCache`.\nSetCache.prototype.add =
SetCache.prototype.push = setCacheAdd;\nSetCache.prototype.has = setCacheHas;\n\nmodule.exports =
SetCache;\n", "module.exports = function (it) {\n  if (typeof it !== 'function') throw TypeError(it + ' is not a
function!');\n  return it;\n};\n", "var root = require('./_root');\n\n/** Used to detect overreaching core-js shims. */\nvar

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coreJsData = root['__core-js_shared__'];\n\nmodule.exports = coreJsData;\n", "/*\n * Checks if `value` is in the
array cache.\n * @private\n * @name has\n * @memberOf SetCache\n * @param {*} value The value to search
for.\n * @returns {number} Returns `true` if `value` is found, else `false`.\n *\nfunction setCacheHas(value) {\n
return this.__data__.has(value);\n}\n\nmodule.exports = setCacheHas;\n", "/* Used for built-in method references.
*\nvar funcProto = Function.prototype;\n\n/* Used to resolve the decompiled source of functions. *\nvar
funcToString = funcProto.toString;\n\n/*\n * Converts `func` to its source code.\n *\n * @private\n * @param
{Function} func The function to convert.\n * @returns {string} Returns the source code.\n *\nfunction
toSource(func) {\n  if (func != null) {\n    try {\n      return funcToString.call(func);\n    } catch (e) {}
  }\n  try {\n    return (func + "");\n  } catch (e) {} }\n  }\n  return "";\n}\n\nmodule.exports = toSource;\n", "var
redefine =
require('./_redefine');\nmodule.exports = function (target, src, safe) {\n  for (var key in src) redefine(target, key,
src[key], safe);\n  return target;\n};\n", "var arrayMap = require('./_arrayMap'),\n  baseIteratee =
require('./_baseIteratee'),\n  baseMap = require('./_baseMap'),\n  isArray = require('./isArray');\n\n/*\n * Creates
an array of values by running each element in `collection` thru\n * `iteratee`. The iteratee is invoked with three
arguments:\n * (value, index|key, collection).\n *\n * Many lodash methods are guarded to work as iteratees for
methods like\n * `_every`, `_filter`, `_map`, `_mapValues`, `_reject`, and `_some`.\n *\n * The guarded methods
are:\n * `ary`, `chunk`, `curry`, `curryRight`, `drop`, `dropRight`, `every`,\n * `fill`, `invert`, `parseInt`,
`random`,
`range`, `rangeRight`, `repeat`,\n * `sampleSize`, `slice`, `some`, `sortBy`, `split`, `take`, `takeRight`,\n *
`template`,
`trim`, `trimEnd`, `trimStart`, and `words`\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category
Collection\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function}
[iteratee=_identity] The function invoked per iteration.\n * @returns {Array} Returns the new mapped array.\n *
@example\n *\n * function square(n) {\n *   return n * n;\n * }\n *\n * _map([4, 8], square);\n * // => [16, 64]\n *\n *
_map({ 'a': 4, 'b': 8 }, square);\n * // => [16, 64] (iteration order is not guaranteed)\n *\n * var users = [\n *
{
  'user': 'barney' },\n * { 'user': 'fred' } ];\n *\n * // The `_.property` iteratee shorthand.\n * _map(users, 'user');\n
* // => ['barney', 'fred']\n *\nfunction map(collection, iteratee) {\n  var func = isArray(collection) ? arrayMap :
baseMap;\n  return func(collection, baseIteratee(iteratee, 3));\n}\n\nmodule.exports = map;\n", "import mod from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&\"; export default
mod; export * from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-
0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&\"; \"/\n\n// Copyright
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Software without restriction, including\n// without limitation the rights to use, copy, modify, merge, publish,\n//
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ACTION OF CONTRACT, TORT OR\n// OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION

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resolves . and ..
elements in a path array with directory names there must be no slashes, empty elements, or device names (c:\)
in the array (so also no leading and trailing slashes - it does not distinguish relative and absolute
paths)
function normalizeArray(parts, allowAboveRoot) {
  // if the path tries to go above the root, `up` ends up >
  0
  var up = 0;
  for (var i = parts.length - 1; i >= 0; i--) {
    var last = parts[i];
    if (last === '.') {
      parts.splice(i, 1);
    } else if (last === '..') {
      parts.splice(i, 1);
      up++;
    } else if (up) {
      parts.splice(i, 1);
      up--;
    }
  }
  // if the path is allowed to go above the root, restore leading ..s
  if (allowAboveRoot) {
    for (; up--; up) {
      parts.unshift('.');
    }
  }
  return parts;
}

// Split a filename into [root, dir,
// basename, ext], unix version
// 'root' is just a slash, or nothing.
var splitPathRe =
  /^(\/?|)([\s\S]*?)((?:\.{1,2}|[^\/]+?|)(\.[^\/]*))?(?:\{[^\}]*\})$/;
var splitPath = function(filename) {
  return splitPathRe.exec(filename).slice(1);
};

// path.resolve([from ...], to)
// posix version
exports.resolve =
function() {
  var resolvedPath = "",
      resolvedAbsolute = false;

  for (var i = arguments.length - 1; i >= -1
    && !resolvedAbsolute; i--) {
    var path = (i >= 0) ? arguments[i] : process.cwd();
    // Skip empty and invalid
    entries
    if (typeof path !== 'string') {
      throw new TypeError('Arguments to path.resolve must be strings');
    } else if (!path) {
      continue;
    }
    resolvedPath = path + '/' + resolvedPath;
    resolvedAbsolute =
    path.charAt(0) === '/';
  }
  // At this point the path should be resolved to a full absolute path, but
  // handle
  // relative paths to be safe (might happen when process.cwd() fails)
  // Normalize the path
  resolvedPath =
  normalizeArray(filter(resolvedPath.split('/'), function(p) {
    return !!p;
  }), !resolvedAbsolute).join('/');
  return ((resolvedAbsolute ? '/' : "") + resolvedPath) || '.';
};

// path.normalize(path)
// posix
version
exports.normalize = function(path) {
  var isAbsolute = exports.isAbsolute(path),
      trailingSlash =
    substr(path, -1) === '/';
  // Normalize the path
  path = normalizeArray(filter(path.split('/'), function(p) {
    return !!p;
  }), !isAbsolute).join('/');
  if (!path && !isAbsolute) {
    path = '.';
  }
  if (path &&
    trailingSlash) {
    path += '/';
  }
  return (isAbsolute ? '/' : "") + path;
};

// posix
version
exports.isAbsolute = function(path) {
  return path.charAt(0) === '/';
};

// posix
version
exports.join =
function() {
  var paths = Array.prototype.slice.call(arguments, 0);
  return exports.normalize(filter(paths,
    function(p, index) {
      if (typeof p !== 'string') {
        throw new TypeError('Arguments to path.join must be
          strings');
      }
      return p;
    }
  )).join('/');
};

// path.relative(from, to)
// posix
version
exports.relative =
function(from, to) {
  from = exports.resolve(from).substr(1);
  to = exports.resolve(to).substr(1);
  function
    trim(arr) {
      var start = 0;
      for (; start < arr.length; start++) {
        if (arr[start] !== "") break;
      }
      var end = arr.length - 1;
      for (; end >= 0; end--) {
        if (arr[end] !== "") break;
      }
      if (start > end) return [];
      return arr.slice(start, end - start + 1);
    }
  var fromParts = trim(from.split('/'));
  var toParts =
    trim(to.split('/'));
  var length = Math.min(fromParts.length, toParts.length);
  var samePartsLength = length;
  for (var i = 0; i < length; i++) {
    if (fromParts[i] !== toParts[i]) {
      samePartsLength = i;
      break;
    }
  }
  var outputParts = [];
  for (var i = samePartsLength; i < fromParts.length; i++) {
    outputParts.push('..');
  }
  outputParts = outputParts.concat(toParts.slice(samePartsLength));
  return
    outputParts.join('/');
};

exports.sep = '/';
exports.delimiter = ':';
exports.dirname = function(path) {
  var
    result = splitPath(path),
    root = result[0],
    dir = result[1];
  if (!root && !dir) {
    // No dirname
    whatsoever
    return '.';
  }
  if (dir) {
    // It has a dirname, strip trailing slash
    dir = dir.substr(0, dir.length
      - 1);
  }
  return root + dir;
};

exports.basename = function(path, ext) {
  var f = splitPath(path)[2];
  //
  // TODO: make this comparison case-insensitive on windows?
  if (ext && f.substr(-1 * ext.length) === ext) {
    f =
      f.substr(0, f.length - ext.length);
  }
  return f;
};

exports.extname = function(path) {
  return
    splitPath(path)[3];
};

function filter(xs, f) {
  if (xs.filter) return xs.filter(f);
  var res = [];
  for (var i = 0;
    i < xs.length; i++) {
    if (f(xs[i], i, xs)) res.push(xs[i]);
  }
  return res;
}

// String.prototype.substr -
// negative index don't work in IE8
var substr = 'ab'.substr(-1) === 'b'
  ? function(str, start, len) {
    return
      str.substr(start, len)
    }
  : function(str, start, len) {
    if (start < 0) start = str.length + start;
    return
      str.substr(start, len)
    };
}

module.exports = {
  constructor,
  hasOwnProperty,
  isPrototypeOf,
  propertyIsEnumerable,
  toLocaleString,
  toString,
  valueOf
}.split(',');

var hashClear = require('./_hashClear'),
    hashDelete = require('./_hashDelete'),
    hashGet =

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require('./_hashGet'),\n  hashHas = require('./_hashHas'),\n  hashSet = require('./_hashSet');\n\n/**\n * Creates a hash object.\n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n */\nfunction Hash(entries) {\n  var index = -1,\n      length = entries == null ? 0 : entries.length;\n\n  this.clear();\n\n  while (++index < length) {\n    var entry = entries[index];\n    this.set(entry[0], entry[1]);\n  }\n}\n\n// Add methods to `Hash`\nHash.prototype.clear = hashClear;\nHash.prototype['delete'] = hashDelete;\nHash.prototype.get = hashGet;\nHash.prototype.has = hashHas;\nHash.prototype.set = hashSet;\n\nmodule.exports = Hash;\n", "var castPath = require('./_castPath'),\n  isArguments = require('./isArguments'),\n  isArray = require('./isArray'),\n  isIndex = require('./isIndex'),\n  isLength = require('./isLength'),\n  toKey = require('./_toKey');\n\n/**\n * Checks if `path` exists on `object`.\n * @private\n * @param {Object} object The object to query.\n * @param {Array|string} path The path to check.\n * @param {Function} hasFunc The function to check properties.\n * @returns {boolean} Returns `true` if `path` exists, else `false`.\n */\nfunction hasPath(object, path, hasFunc) {\n  path = castPath(path, object);\n\n  var index = -1,\n      length = path.length,\n      result = false;\n\n  while (++index < length) {\n    var key = toKey(path[index]);\n    if (!(result = object != null && hasFunc(object, key))) {\n      break;\n    }\n    object = object[key];\n  }\n  if (result || ++index != length) {\n    return result;\n  }\n  length = object == null ? 0 : object.length;\n  return !!length && isLength(length) && isIndex(key, length) && (isArray(object) || isArguments(object));\n}\n\nmodule.exports = hasPath;\n", "var isArray = require('./isArray'),\n  isKey = require('./isKey'),\n  stringToPath = require('./_stringToPath'),\n  toString = require('./_toString');\n\n/**\n * Casts `value` to a path array if it's not one.\n * @private\n * @param {*} value The value to inspect.\n * @param {Object} [object] The object to query keys on.\n * @returns {Array} Returns the cast property path array.\n */\nfunction castPath(value, object) {\n  if (isArray(value)) {\n    return value;\n  }\n  return isKey(value, object) ? [value] : stringToPath(toString(value));\n}\n\nmodule.exports = castPath;\n", "var MapCache = require('./_MapCache');\n\n/**\n * Error message constants.\n */\nvar FUNC_ERROR_TEXT = 'Expected a function';\n\n/**\n * Creates a function that memoizes the result of `func`. If `resolver` is\n * provided, it determines the cache key for storing the result based on the\n * arguments provided to the memoized function. By default, the first argument\n * provided to the memoized function is used as the map cache key. The `func`\n * is invoked with the `this` binding of the memoized function.\n * **Note:** The cache is exposed as the `cache` property on the memoized\n * function. Its creation may be customized by replacing the\n * `_memoize.Cache` constructor with one whose instances implement the\n * `Map` interface (http://ecma-international.org/ecma-262/7.0/#sec-properties-of-the-map-prototype-object)\n * method interface of `clear`, `delete`, `get`, `has`, and `set`.\n * @memberOf _\n * @since 0.1.0\n * @category Function\n * @param {Function} func The function to have its output memoized.\n * @param {Function} [resolver] The function to resolve the cache key.\n * @returns {Function} Returns the new memoized function.\n * @example\n * var object = { 'a': 1, 'b': 2 };\n * var other = { 'c': 3, 'd': 4 };\n * var values = _memoize(_.values);\n * values(object);\n * // => [1, 2]\n * values(other);\n * // => [3, 4]\n * object.a = 2;\n * values(object);\n * // => [1, 2]\n * // Modify the result cache.\n * values.cache.set(object, ['a', 'b']);\n * values(object);\n * // => ['a', 'b']\n * // Replace `_memoize.Cache`.\n * _memoize.Cache = WeakMap;\n */\nfunction memoize(func, resolver) {\n  if (typeof func != 'function' || (resolver != null && typeof resolver != 'function')) {\n    throw new TypeError(FUNC_ERROR_TEXT);\n  }\n  var memoized = function() {\n    var args = arguments,\n        key = resolver ? resolver.apply(this, args) : args[0],\n        cache = memoized.cache;\n\n    if (cache.has(key)) {\n      return cache.get(key);\n    }\n    var result = func.apply(this, args);\n    memoized.cache = cache.set(key, result) || cache;\n    return result;\n  };\n  memoized.cache = new (memoize.Cache || MapCache);\n  return memoized;\n}\n\n// Expose\nMapCache._memoize.Cache = MapCache;\nmodule.exports = memoize;\n", "use strict;\n\nObject.defineProperty(exports, '__esModule', { value: true });\n\nvar prefix = 'fas';\nvar iconName = 'times';\nvar width = 352;\nvar height = 512;\nvar ligatures = [];\nvar unicode = 'f00d';\nvar svgPathData = 'M242.72 256l100.07-100.07c12.28-12.28 12.28-32.19 0-44.48l-22.24-22.24c-12.28-12.28-32.19-12.28-44.48 0l176 189.28 75.93 89.21c-12.28-12.28-32.19-12.28-44.48 0l9.21 111.45c-12.28 12.28-12.28 32.19 0 44.48l109.28 256 9.21 356.07c-12.28 12.28-32.19 0 44.48l22.24 22.24c12.28 12.28 32.2 12.28 44.48 0l176 322.72l100.07 100.07c12.28 12.28 32.2 12.28 44.48 0l22.24-22.24c12.28-12.28 12.28-32.19 0-44.48l242.72';\n
```



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```

^nvar isBrowser = typeof window !==
'undefined' && typeof document !== 'undefined';
^nvar longerTimeoutBrowsers = ['Edge', 'Trident', 'Firefox'];
^nvar timeoutDuration = 0;
^nfor (var i = 0; i < longerTimeoutBrowsers.length; i += 1) {
  ^n if (isBrowser &&
navigator.userAgent.indexOf(longerTimeoutBrowsers[i]) >= 0) {
    ^n timeoutDuration = 1;
    ^n break;
  }
}
^nfunction microtaskDebounce(fn) {
  ^n var called = false;
  ^n return function () {
    ^n if (called) {
      ^n return;
    }
    ^n called = true;
    ^n window.Promise.resolve().then(function () {
      ^n called = false;
      ^n fn();
    });
  };
}
^nfunction taskDebounce(fn) {
  ^n var scheduled = false;
  ^n return function () {
    ^n if (!scheduled) {
      ^n scheduled = true;
      ^n setTimeout(function () {
        ^n scheduled = false;
        ^n fn();
      }, timeoutDuration);
    }
  };
}
^nvar supportsMicroTasks = isBrowser && window.Promise;
^n/**
 * Create a debounced version of a method, that's asynchronously deferred
 * but called in the minimum time possible.
 * @method
 * @memberof Popper.Utils
 * @argument {Function} fn
 * @returns {Function}
 */
^nvar debounce = supportsMicroTasks ? microtaskDebounce : taskDebounce;
^n/**
 * Check if the given variable is a function
 * @method
 * @memberof Popper.Utils
 * @argument {Any} functionToCheck - variable to check
 * @returns {Boolean} answer to: is a function?
 */
^nfunction isFunction(functionToCheck) {
  ^n var getType = {};
  ^n return functionToCheck && getType.toString.call(functionToCheck) === '[object Function]';
}
^n/**
 * Get CSS computed property of the given element
 * @method
 * @memberof Popper.Utils
 * @argument {Element} element
 * @argument {String} property
 */
^nfunction getStyleComputedProperty(element, property) {
  ^n if (element.nodeType !== 1) {
    ^n return [];
  }
  // NOTE: 1 DOM access here
  ^n var window = element.ownerDocument.defaultView;
  ^n var css = window.getComputedStyle(element, null);
  ^n return property ? css[property] : css;
}
^n/**
 * Returns the parentNode or the host of the element
 * @method
 * @memberof Popper.Utils
 * @argument {Element} element
 * @returns {Element} parent
 */
^nfunction getParentNode(element) {
  ^n if (element.nodeName === 'HTML') {
    ^n return element;
  }
  ^n return element.parentNode || element.host;
}
^n/**
 * Returns the scrolling parent of the given element
 * @method
 * @memberof Popper.Utils
 * @argument {Element} element
 * @returns {Element} scroll parent
 */
^nfunction getScrollParent(element) {
  // Return body, `getScroll` will take care to get the correct `scrollTop` from it
  ^n if (!element) {
    ^n return document.body;
  }
  ^n switch (element.nodeName) {
    ^n case 'HTML':
    ^n case 'BODY':
      ^n return element.ownerDocument.body;
    ^n case '#document':
      ^n return element.body;
  }
  // Firefox want us to check `-x` and `-y` variations as well
  ^n var _getStyleComputedProp = getStyleComputedProperty(element);
  ^n overflow = _getStyleComputedProp.overflow,
  overflowX = _getStyleComputedProp.overflowX,
  overflowY = _getStyleComputedProp.overflowY;
  ^n if (/^(auto|scroll|overlay)/.test(overflow + overflowY + overflowX)) {
    ^n return element;
  }
  ^n return getScrollParent(getParentNode(element));
}
^nvar isIE11 = isBrowser && !(window.MSInputMethodContext && document.documentMode);
^nvar isIE10 = isBrowser && /MSIE 10/.test(navigator.userAgent);
^n/**
 * Determines if the browser is Internet Explorer
 * @method
 * @memberof Popper.Utils
 * @param {Number} version to check
 * @returns {Boolean} isIE
 */
^nfunction isIE(version) {
  ^n if (version === 11) {
    ^n return isIE11;
  }
  ^n if (version === 10) {
    ^n return isIE10;
  }
  ^n return isIE11 || isIE10;
}
^n/**
 * Returns the offset parent of the given element
 * @method
 * @memberof Popper.Utils
 * @argument {Element} element
 * @returns {Element} offset parent
 */
^nfunction getOffsetParent(element) {
  ^n if (!element) {
    ^n return

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document.documentElement;\n }\n\n var noOffsetParent = isIE(10) ? document.body : null;\n\n // NOTE: 1 DOM
access here\n var offsetParent = element.offsetParent || null;\n // Skip hidden elements which don't have an
offsetParent\n while (offsetParent === noOffsetParent && element.nextElementSibling) {\n offsetParent =
(element = element.nextElementSibling).offsetParent;\n }\n\n var nodeName = offsetParent &&
offsetParent.nodeName;\n\n if (!nodeName || nodeName === 'BODY' || nodeName === 'HTML') {\n return
element ? element.ownerDocument.documentElement : document.documentElement;\n }\n\n // .offsetParent will
return the closest TH, TD or TABLE in case\n // no offsetParent is present, I hate this job...\n if (['TH', 'TD',
'TABLE'].indexOf(offsetParent.nodeName) !== -1 && getStyleComputedProperty(offsetParent, 'position') ===
'static') {\n return getOffsetParent(offsetParent);\n }\n\n return offsetParent;\n}\n\nfunction
isOffsetContainer(element) {\n var nodeName = element.nodeName;\n\n if (nodeName === 'BODY') {\n return
false;\n }\n\n return nodeName === 'HTML' || getOffsetParent(element.firstChild) === element;\n}\n\n/**\n
* Finds the root node (document, shadowDOM root) of the given element\n * @method\n * @memberof
Popper.Utils\n * @argument {Element} node\n * @returns {Element} root node\n */\nfunction getRoot(node) {\n
if (node.parentNode !== null) {\n return getRoot(node.parentNode);\n }\n\n return node;\n}\n\n/**\n
* Finds the offset parent common to the two provided nodes\n * @method\n * @memberof Popper.Utils\n * @argument
{Element} element1\n * @argument {Element} element2\n * @returns {Element} common offset parent\n
*/\nfunction findCommonOffsetParent(element1, element2) {\n // This check is needed to avoid errors in case one
of the elements isn't defined for any reason\n if (!element1 || !element1.nodeType || !element2 ||
!element2.nodeType) {\n return document.documentElement;\n }\n\n // Here we make sure to give as "start" the
element that comes first in the DOM\n var order = element1.compareDocumentPosition(element2) &
Node.DOCUMENT_POSITION_FOLLOWING;\n var start = order ? element1 : element2;\n var end = order ?
element2 : element1;\n // Get common ancestor container\n var range = document.createRange();\n
range.setStart(start, 0);\n range.setEnd(end, 0);\n var commonAncestorContainer =
range.commonAncestorContainer;\n\n // Both nodes are inside #document\n\n if (element1 !==
commonAncestorContainer && element2 !== commonAncestorContainer || start.contains(end)) {\n if
(isOffsetContainer(commonAncestorContainer)) {\n return commonAncestorContainer;\n }\n\n return
getOffsetParent(commonAncestorContainer);\n }\n\n // one of the nodes is inside shadowDOM, find which one\n
var element1root = getRoot(element1);\n if (element1root.host) {\n return
findCommonOffsetParent(element1root.host, element2);\n } else {\n return findCommonOffsetParent(element1,
getRoot(element2).host);\n }\n}\n\n/**\n
* Gets the scroll value of the given element in the given side (top and
left)\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element\n * @argument {String} side
`top` or `left`\n * @returns {number} amount of scrolled pixels\n */\nfunction getScroll(element) {\n var side =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : 'top';\n\n var upperSide = side === 'top' ?
'scrollTop' : 'scrollLeft';\n var nodeName = element.nodeName;\n\n if (nodeName === 'BODY' || nodeName ===
'HTML') {\n var html = element.ownerDocument.documentElement;\n var scrollingElement =
element.ownerDocument.scrollingElement || html;\n return scrollingElement[upperSide];\n }\n\n return
element[upperSide];\n}\n\n/**\n
* Sum or subtract the element scroll values (left and top) from a given rect object\n
* @method\n * @memberof Popper.Utils\n * @param {Object} rect - Rect object you want to change\n * @param
{HTMLElement} element - The element from the function reads the scroll values\n * @param {Boolean} subtract -
set to true if you want to subtract the scroll values\n * @return {Object} rect - The modifier rect object\n
*/\nfunction includeScroll(rect, element) {\n var subtract = arguments.length > 2 && arguments[2] !== undefined ?
arguments[2] : false;\n\n var scrollTop = getScroll(element, 'top');\n var scrollLeft = getScroll(element, 'left');\n
var modifier = subtract ? -1 : 1;\n rect.top += scrollTop * modifier;\n rect.bottom += scrollTop * modifier;\n
rect.left += scrollLeft * modifier;\n rect.right += scrollLeft * modifier;\n return rect;\n}\n\n/**\n
* Helper to detect borders of a given element\n * @method\n * @memberof Popper.Utils\n * @param {CSSStyleDeclaration} styles\n
* Result of `getStyleComputedProperty` on the given element\n * @param {String} axis - `x` or `y`\n * @return
{number} borders - The borders size of the given axis\n */\nfunction getBordersSize(styles, axis) {\n var sideA =
axis === 'x' ? 'Left' : 'Top';\n var sideB = sideA === 'Left' ? 'Right' : 'Bottom';\n\n return parseFloat(styles['border'

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+ sideA + 'Width'], 10) + parseFloat(styles['border' + sideB + 'Width'], 10);\n\nfunction getSize(axis, body, html,
computedStyle) {\n return Math.max(body['offset' + axis], body['scroll' + axis], html['client' + axis], html['offset' +
axis], html['scroll' + axis], isIE(10) ? parseInt(html['offset' + axis]) + parseInt(computedStyle['margin' + (axis ===
'Height' ? 'Top' : 'Left')]) + parseInt(computedStyle['margin' + (axis === 'Height' ? 'Bottom' : 'Right')]) :
0);\n}\n\nfunction getWindowSizes(document) {\n var body = document.body;\n var html =
document.documentElement;\n var computedStyle = isIE(10) && getComputedStyle(html);\n\n return {\n
height: getSize('Height', body, html, computedStyle),\n width: getSize('Width', body, html, computedStyle)\n
};\n}\n\nvar classCallCheck = function (instance, Constructor) {\n if (!(instance instanceof Constructor)) {\n
throw new TypeError("Cannot call a class as a function");\n }\n};\n\nvarcreateClass = function () {\n function
defineProperties(target, props) {\n for (var i = 0; i < props.length; i++) {\n var descriptor = props[i];\n
descriptor.enumerable = descriptor.enumerable || false;\n descriptor.configurable = true;\n if ("value" in
descriptor) descriptor.writable = true;\n Object.defineProperty(target, descriptor.key, descriptor);\n }\n }\n\n
return function (Constructor, protoProps, staticProps) {\n if (protoProps) defineProperties(Constructor.prototype,
protoProps);\n if (staticProps) defineProperties(Constructor, staticProps);\n return Constructor;\n
};\n}();\n\n\n\n\n\nvar defineProperty = function (obj, key, value) {\n if (key in obj) {\n
Object.defineProperty(obj, key, {\n value: value,\n enumerable: true,\n configurable: true,\n writable:
true\n });\n } else {\n obj[key] = value;\n }\n\n return obj;\n};\n\n\nvar _extends = Object.assign || function
(target) {\n for (var i = 1; i < arguments.length; i++) {\n var source = arguments[i];\n\n for (var key in source)
{\n if (Object.prototype.hasOwnProperty.call(source, key)) {\n target[key] = source[key];\n }\n }\n\n
}\n\n return target;\n};\n\n\n\n\n * Given element offsets, generate an output similar to getBoundingClientRect\n *
@method\n * @memberof Popper.Utils\n * @argument {Object} offsets\n * @returns {Object} ClientRect like
output\n */\nfunction getClientRect(offsets) {\n return _extends({}, offsets, {\n right: offsets.left +
offsets.width,\n bottom: offsets.top + offsets.height\n });\n}\n\n\n\n\n * Get bounding client rect of given
element\n * @method\n * @memberof Popper.Utils\n * @param {HTMLElement} element\n * @return {Object}
client rect\n */\nfunction getBoundingClientRect(element) {\n var rect = {};\n\n // IE10 10 FIX: Please, don't ask,
the element isn't\n // considered in DOM in some circumstances...\n // This isn't reproducible in IE10 compatibility
mode of IE11\n try {\n if (isIE(10)) {\n rect = element.getBoundingClientRect();\n var scrollTop =
getScroll(element, 'top');\n var scrollLeft = getScroll(element, 'left');\n rect.top += scrollTop;\n rect.left +=
scrollLeft;\n rect.bottom += scrollTop;\n rect.right += scrollLeft;\n } else {\n rect =
element.getBoundingClientRect();\n }\n } catch (e) {\n }\n\n var result = {\n left: rect.left,\n top: rect.top,\n
width: rect.right - rect.left,\n height: rect.bottom - rect.top\n }; \n\n // subtract scrollbar size from sizes\n var sizes
= element.nodeName === 'HTML' ? getWindowSizes(element.ownerDocument) : {};\n var width = sizes.width ||
element.clientWidth || result.right - result.left;\n var height = sizes.height || element.clientHeight || result.bottom -
result.top;\n\n var horizScrollbar = element.offsetWidth - width;\n var vertScrollbar = element.offsetHeight -
height;\n\n // if an hypothetical scrollbar is detected, we must be sure it's not a `border`\n // we make this check
conditional for performance reasons\n if (horizScrollbar || vertScrollbar) {\n var styles =
getStyleComputedProperty(element);\n horizScrollbar -= getBordersSize(styles, 'x');\n vertScrollbar -=
getBordersSize(styles, 'y');\n\n result.width -= horizScrollbar;\n result.height -= vertScrollbar;\n }\n\n return
getClientRect(result);\n}\n\n\nfunction getOffsetRectRelativeToArbitraryNode(children, parent) {\n var fixedPosition
= arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : false;\n\n var isIE10 = isIE(10);\n var
isHTML = parent.nodeName === 'HTML';\n var childrenRect = getBoundingClientRect(children);\n var
parentRect = getBoundingClientRect(parent);\n var scrollParent = getScrollParent(children);\n\n var styles =
getStyleComputedProperty(parent);\n var borderTopWidth = parseFloat(styles.borderTopWidth, 10);\n var
borderLeftWidth = parseFloat(styles.borderLeftWidth, 10);\n\n // In cases where the parent is fixed, we must ignore
negative scroll in offset calc\n if (fixedPosition && isHTML) {\n parentRect.top = Math.max(parentRect.top,
0);\n parentRect.left = Math.max(parentRect.left, 0);\n }\n\n var offsets = getClientRect({\n top: childrenRect.top
- parentRect.top - borderTopWidth,\n left: childrenRect.left - parentRect.left - borderLeftWidth,\n width:
childrenRect.width,\n height: childrenRect.height\n });\n\n offsets.marginTop = 0;\n offsets.marginLeft = 0;\n\n //

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Subtract margins of documentElement in case it's being used as parent\n // we do this only on HTML because it's
the only element that behaves\n // differently when margins are applied to it. The margins are included in\n // the
box of the documentElement, in the other cases not.\n if (!isIE10 && isHTML) {\n   var marginTop =
parseFloat(styles.marginTop, 10);\n   var marginLeft = parseFloat(styles.marginLeft, 10);\n\n   offsets.top -=
borderTopWidth - marginTop;\n   offsets.bottom -= borderTopWidth - marginTop;\n   offsets.left -=
borderLeftWidth - marginLeft;\n   offsets.right -= borderLeftWidth - marginLeft;\n\n   // Attach marginTop and
marginLeft because in some circumstances we may need them\n   offsets.marginTop = marginTop;\n   offsets.marginLeft = marginLeft;\n }\n\n if (isIE10 && !fixedPosition ? parent.contains(scrollParent) : parent ===
scrollParent && scrollParent.nodeName !== 'BODY') {\n   offsets = includeScroll(offsets, parent);\n }\n\n return
offsets;\n}\n\nfunction getViewPortOffsetRectRelativeToArbitraryNode(element) {\n  var excludeScroll =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : false;\n  var html =
element.ownerDocument.documentElement;\n  var relativeOffset =
getOffsetRectRelativeToArbitraryNode(element, html);\n  var width = Math.max(html.clientWidth,
window.innerWidth || 0);\n  var height = Math.max(html.clientHeight, window.innerHeight || 0);\n  var scrollTop
= !excludeScroll ? getScroll(html) : 0;\n  var scrollLeft = !excludeScroll ? getScroll(html, 'left') : 0;\n  var offset =
{\n    top: scrollTop - relativeOffset.top + relativeOffset.marginTop,\n    left: scrollLeft - relativeOffset.left +
relativeOffset.marginLeft,\n    width: width,\n    height: height\n  };\n  return getClientRect(offset);\n}\n\n/**\n *
Check if the given element is fixed or is inside a fixed parent\n * @method\n * @memberof Popper.Utils\n *
@param {Element} element\n * @param {Element} customContainer\n * @returns {Boolean} answer to
'isFixed?'\n */\nfunction isFixed(element) {\n  var nodeName = element.nodeName;\n  if (nodeName ===
'BODY' || nodeName === 'HTML') {\n    return false;\n  }\n  if (getStyleComputedProperty(element, 'position') ===
'fixed') {\n    return true;\n  }\n  return isFixed(getParentNode(element));\n}\n\n/**\n * Finds the first parent of an
element that has a transformed property defined\n * @method\n * @memberof Popper.Utils\n * @argument
{Element} element\n * @returns {Element} first transformed parent or documentElement\n */\nfunction
getFixedPositionOffsetParent(element) {\n  // This check is needed to avoid errors in case one of the elements isn't
defined for any reason\n  if (!element || !element.parentElement || isIE()) {\n    return document.documentElement;\n
}\n  var el = element.parentElement;\n  while (el && getStyleComputedProperty(el, 'transform') === 'none') {\n    el
= el.parentElement;\n  }\n  return el || document.documentElement;\n}\n\n/**\n * Computed the boundaries limits
and return them\n * @method\n * @memberof Popper.Utils\n * @param {HTMLElement} popper\n * @param
{HTMLElement} reference\n * @param {number} padding\n * @param {HTMLElement} boundariesElement -
Element used to define the boundaries\n * @param {Boolean} fixedPosition - Is in fixed position mode\n *
@returns {Object} Coordinates of the boundaries\n */\nfunction getBoundaries(popper, reference, padding,
boundariesElement) {\n  var fixedPosition = arguments.length > 4 && arguments[4] !== undefined ? arguments[4] :
false;\n  // NOTE: 1 DOM access here\n  var boundaries = { top: 0, left: 0 };\n  var offsetParent = fixedPosition ?
getFixedPositionOffsetParent(popper) : findCommonOffsetParent(popper, reference);\n  // Handle viewport case\n
if (boundariesElement === 'viewport') {\n    boundaries =
getViewPortOffsetRectRelativeToArbitraryNode(offsetParent, fixedPosition);\n  } else {\n    // Handle other cases
based on DOM element used as boundaries\n    var boundariesNode = void 0;\n    if (boundariesElement ===
'scrollParent') {\n      boundariesNode = getScrollParent(getParentNode(reference));\n      if
(boundariesNode.nodeName === 'BODY') {\n        boundariesNode = popper.ownerDocument.documentElement;\n
      }\n    } else if (boundariesElement === 'window') {\n      boundariesNode =
popper.ownerDocument.documentElement;\n    } else {\n      boundariesNode = boundariesElement;\n    }\n\n    var
offsets = getOffsetRectRelativeToArbitraryNode(boundariesNode, offsetParent, fixedPosition);\n    // In case of
HTML, we need a different computation\n    if (boundariesNode.nodeName === 'HTML' &&
!isFixed(offsetParent)) {\n      var _getWindowSizes = getWindowSizes(popper.ownerDocument),\n          height =
_getWindowSizes.height,\n          width = _getWindowSizes.width;\n      boundaries.top += offsets.top -
offsets.marginTop;\n      boundaries.bottom = height + offsets.top;\n      boundaries.left += offsets.left -
offsets.marginLeft;\n      boundaries.right = width + offsets.left;\n    } else {\n      // for all the other DOM elements,

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this one is good\n    boundaries = offsets;\n    }\n    }\n\n    // Add paddings\n    padding = padding || 0;\n    var\n    isPaddingNumber = typeof padding === 'number';\n    boundaries.left += isPaddingNumber ? padding : padding.left ||\n    0;\n    boundaries.top += isPaddingNumber ? padding : padding.top || 0;\n    boundaries.right -= isPaddingNumber ?\n    padding : padding.right || 0;\n    boundaries.bottom -= isPaddingNumber ? padding : padding.bottom || 0;\n\n    return\n    boundaries;\n}\n\nfunction getArea(_ref) {\n    var width = _ref.width,\n        height = _ref.height;\n    return width *\n    height;\n}\n\n/**\n * Utility used to transform the `auto` placement to the placement with more\n * available\n * space.\n * @method\n * @memberof Popper.Utils\n * @argument {Object} data - The data object generated by\n * update method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object} The\n * data object, properly modified\n */\nfunction computeAutoPlacement(placement, refRect, popper, reference,\n    boundariesElement) {\n    var padding = arguments.length > 5 && arguments[5] !== undefined ? arguments[5] :\n    0;\n\n    if (placement.indexOf('auto') === -1) {\n        return placement;\n    }\n\n    var boundaries =\n    getBoundaries(popper, reference, padding, boundariesElement);\n\n    var rects = {\n        top: {\n            width:\n            boundaries.width,\n            height: refRect.top - boundaries.top\n        },\n        right: {\n            width: boundaries.right -\n            refRect.right,\n            height: boundaries.height\n        },\n        bottom: {\n            width: boundaries.width,\n            height:\n            boundaries.bottom - refRect.bottom\n        },\n        left: {\n            width: refRect.left - boundaries.left,\n            height:\n            boundaries.height\n        }\n    };\n\n    var sortedAreas = Object.keys(rects).map(function (key) {\n        return _extends({\n            key: key\n        }, rects[key], {\n            area: getArea(rects[key])\n        });\n    }).sort(function (a, b) {\n        return b.area -\n        a.area;\n    });\n\n    var filteredAreas = sortedAreas.filter(function (_ref2) {\n        var width = _ref2.width,\n            height\n            = _ref2.height;\n        return width >= popper.clientWidth && height >= popper.clientHeight;\n    });\n\n    var\n    computedPlacement = filteredAreas.length > 0 ? filteredAreas[0].key : sortedAreas[0].key;\n\n    var variation =\n    placement.split('-')[1];\n\n    return computedPlacement + (variation ? '-' + variation : '');\n}\n\n/**\n * Get offsets to\n * the reference element\n * @method\n * @memberof Popper.Utils\n * @param {Object} state\n * @param\n * {Element} popper - the popper element\n * @param {Element} reference - the reference element (the popper will be\n * relative to this)\n * @param {Element} fixedPosition - is in fixed position mode\n * @returns {Object} An object\n * containing the offsets which will be applied to the popper\n */\nfunction getReferenceOffsets(state, popper,\n    reference) {\n    var fixedPosition = arguments.length > 3 && arguments[3] !== undefined ? arguments[3] :\n    null;\n\n    var commonOffsetParent = fixedPosition ? getFixedPositionOffsetParent(popper) :\n    findCommonOffsetParent(popper, reference);\n\n    return getOffsetRectRelativeToArbitraryNode(reference,\n    commonOffsetParent, fixedPosition);\n}\n\n/**\n * Get the outer sizes of the given element (offset size + margins)\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element\n * @returns {Object} object\n * containing width and height properties\n */\nfunction getOuterSizes(element) {\n    var window =\n    element.ownerDocument.defaultView;\n    var styles = window.getComputedStyle(element);\n    var x =\n    parseFloat(styles.marginTop) + parseFloat(styles.marginBottom);\n    var y = parseFloat(styles.marginLeft) +\n    parseFloat(styles.marginRight);\n    var result = {\n        width: element.offsetWidth + y,\n        height:\n        element.offsetHeight + x\n    };\n    return result;\n}\n\n/**\n * Get the opposite placement of the given one\n * @method\n * @memberof Popper.Utils\n * @argument {String} placement\n * @returns {String} flipped\n * placement\n */\nfunction getOppositePlacement(placement) {\n    var hash = { left: 'right', right: 'left', bottom: 'top',\n    top: 'bottom' };\n    return placement.replace(/left|right|bottom|top/g, function (matched) {\n        return hash[matched];\n    });\n}\n\n/**\n * Get offsets to the popper\n * @method\n * @memberof Popper.Utils\n * @param {Object}\n * position - CSS position the Popper will get applied\n * @param {HTMLElement} popper - the popper element\n * @param {Object} referenceOffsets - the reference offsets (the popper will be relative to this)\n * @param {String} placement - one of the valid placement options\n * @returns {Object} popperOffsets - An object containing the\n * offsets which will be applied to the popper\n */\nfunction getPopperOffsets(popper, referenceOffsets, placement)\n{\n    placement = placement.split('-')[0];\n\n    // Get popper node sizes\n    var popperRect =\n    getOuterSizes(popper);\n\n    // Add position, width and height to our offsets object\n    var popperOffsets = {\n        width: popperRect.width,\n        height: popperRect.height\n    };\n\n    // depending by the popper placement we have to\n    compute its offsets slightly differently\n    var isHoriz = ['right', 'left'].indexOf(placement) !== -1;\n    var mainSide =\n    isHoriz ? 'top' : 'left';\n    var secondarySide = isHoriz ? 'left' : 'top';\n    var measurement = isHoriz ? 'height' : 'width';\n}

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var secondaryMeasurement = !isHoriz ? 'height' : 'width';\n\n popperOffsets[mainSide] =
referenceOffsets[mainSide] + referenceOffsets[measurement] / 2 - popperRect[measurement] / 2;\n if (placement
=== secondarySide) {\n  popperOffsets[secondarySide] = referenceOffsets[secondarySide] -
popperRect[secondaryMeasurement];\n } else {\n  popperOffsets[secondarySide] =
referenceOffsets[getOppositePlacement(secondarySide)];\n }\n\n return popperOffsets;\n}\n\n**\n * Mimics the
`find` method of Array\n * @method\n * @memberof Popper.Utils\n * @argument {Array} arr\n * @argument
prop\n * @argument value\n * @returns index or -1\n */\nfunction find(arr, check) {\n // use native find if
supported\n if (Array.prototype.find) {\n  return arr.find(check);\n }\n\n // use `filter` to obtain the same behavior
of `find`\n return arr.filter(check)[0];\n}\n\n**\n * Return the index of the matching object\n * @method\n *
@memberof Popper.Utils\n * @argument {Array} arr\n * @argument prop\n * @argument value\n * @returns
index or -1\n */\nfunction findIndex(arr, prop, value) {\n // use native findIndex if supported\n if
(Array.prototype.findIndex) {\n  return arr.findIndex(function (cur) {\n  return cur[prop] === value;\n
});\n }\n\n // use `find` + `indexOf` if `findIndex` isn't supported\n var match = find(arr, function (obj) {\n
return
obj[prop] === value;\n });\n return arr.indexOf(match);\n}\n\n**\n * Loop trough the list of modifiers and run
them in order,\n * each of them will then edit the data object.\n * @method\n * @memberof Popper.Utils\n *
@param {dataObject} data\n * @param {Array} modifiers\n * @param {String} ends - Optional modifier name
used as stopper\n * @returns {dataObject}\n */\nfunction runModifiers(modifiers, data, ends) {\n var
modifiersToRun = ends === undefined ? modifiers : modifiers.slice(0, findIndex(modifiers, 'name', ends));\n\n
modifiersToRun.forEach(function (modifier) {\n  if (modifier['function']) {\n // eslint-disable-line dot-notation\n
console.warn("`modifier.function` is deprecated, use `modifier.fn`!");\n  } \n  var fn = modifier['function'] ||
modifier.fn; // eslint-disable-line dot-notation\n  if (modifier.enabled && isFunction(fn)) {\n // Add properties
to offsets to make them a complete clientRect object\n // we do this before each modifier to make sure the
previous one doesn't\n // mess with these values\n  data.offsets.popper = getClientRect(data.offsets.popper);\n
  data.offsets.reference = getClientRect(data.offsets.reference);\n  data = fn(data, modifier);\n  }\n });\n\n
return data;\n}\n\n**\n * Updates the position of the popper, computing the new offsets and applying\n * the new
style.<br />\n * Prefer `scheduleUpdate` over `update` because of performance reasons.\n * @method\n *
@memberof Popper\n */\nfunction update() {\n // if popper is destroyed, don't perform any further update\n if
(this.state.isDestroyed) {\n  return;\n }\n\n var data = {\n  instance: this,\n  styles: {},\n  arrowStyles: {},\n
attributes: {},\n  flipped: false,\n  offsets: {};\n }; \n\n // compute reference element offsets\n
data.offsets.reference = getReferenceOffsets(this.state, this.popper, this.reference, this.options.positionFixed);\n\n //
compute auto placement, store placement inside the data object,\n // modifiers will be able to edit `placement` if
needed\n // and refer to originalPlacement to know the original value\n data.placement =
computeAutoPlacement(this.options.placement, data.offsets.reference, this.popper, this.reference,
this.options.modifiers.flip.boundariesElement, this.options.modifiers.flip.padding);\n\n // store the computed
placement inside `originalPlacement`\n data.originalPlacement = data.placement;\n\n data.positionFixed =
this.options.positionFixed;\n\n // compute the popper offsets\n data.offsets.popper = getPopperOffsets(this.popper,
data.offsets.reference, data.placement);\n\n data.offsets.popper.position = this.options.positionFixed ? 'fixed' :
'absolute';\n\n // run the modifiers\n data = runModifiers(this.modifiers, data);\n\n // the first `update` will call
`onCreate` callback\n // the other ones will call `onUpdate` callback\n if (!this.state.isCreated) {\n
this.state.isCreated = true;\n  this.options.onCreate(data);\n } else {\n  this.options.onUpdate(data);\n
}\n}\n\n**\n * Helper used to know if the given modifier is enabled.\n * @method\n * @memberof Popper.Utils\n *
@returns {Boolean}\n */\nfunction isModifierEnabled(modifiers, modifierName) {\n return
modifiers.some(function (_ref) {\n  var name = _ref.name,\n  enabled = _ref.enabled;\n  return enabled &&
name === modifierName;\n });\n}\n\n**\n * Get the prefixed supported property name\n * @method\n *
@memberof Popper.Utils\n * @argument {String} property (camelCase)\n * @returns {String} prefixed property
(camelCase or PascalCase, depending on the vendor prefix)\n */\nfunction getSupportedPropertyName(property) {\n
var prefixes = [false, 'ms', 'Webkit', 'Moz', 'O'];\n var upperProp = property.charAt(0).toUpperCase() +
property.slice(1);\n\n for (var i = 0; i < prefixes.length; i++) {\n  var prefix = prefixes[i];\n  var toCheck = prefix

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? " + prefix + upperProp : property;\n  if (typeof document.body.style[toCheck] !== 'undefined') {\n    return
toCheck;\n  }\n  return null;\n}\n\n/**\n * Destroys the popper.\n * @method\n * @memberof Popper\n */\nfunction destroy() {\n  this.state.isDestroyed = true;\n\n  // touch DOM only if `applyStyle` modifier is enabled\n  if (isModifierEnabled(this.modifiers, 'applyStyle')) {\n    this.popper.removeAttribute('x-placement');\n    this.popper.style.position = '';\n    this.popper.style.top = '';\n    this.popper.style.left = '';\n    this.popper.style.right = '';\n    this.popper.style.bottom = '';\n    this.popper.style.willChange = '';\n\n    this.popper.style[getSupportedPropertyName('transform')] = '';\n  }\n\n  this.disableEventListeners();\n\n  // remove the popper if user explicitly asked for the deletion on destroy\n  // do not use `remove` because IE11 doesn't support it\n  if (this.options.removeOnDestroy) {\n    this.popper.parentNode.removeChild(this.popper);\n  }\n  return this;\n}\n\n/**\n * Get the window associated with the element\n * @argument {Element} element\n * @returns {Window}\n */\nfunction getWindow(element) {\n  var ownerDocument = element.ownerDocument;\n  return ownerDocument ? ownerDocument.defaultView : window;\n}\n\nfunction attachToScrollParents(scrollParent, event, callback, scrollParents) {\n  var isBody = scrollParent.nodeName === 'BODY';\n  var target = isBody ? scrollParent.ownerDocument.defaultView : scrollParent;\n  target.addEventListener(event, callback, { passive: true });\n\n  if (!isBody) {\n    attachToScrollParents(getScrollParent(target.parentNode), event, callback, scrollParents);\n  }\n  scrollParents.push(target);\n}\n\n/**\n * Setup needed event listeners used to update the popper position\n * @method\n * @memberof Popper.Utils\n * @private\n */\nfunction setupEventListeners(reference, options, state, updateBound) {\n  // Resize event listener on window\n  state.updateBound = updateBound;\n  getWindow(reference).addEventListener('resize', state.updateBound, { passive: true });\n\n  // Scroll event listener on scroll parents\n  var scrollElement = getScrollParent(reference);\n  attachToScrollParents(scrollElement, 'scroll', state.updateBound, state.scrollParents);\n  state.scrollElement = scrollElement;\n  state.eventsEnabled = true;\n\n  return state;\n}\n\n/**\n * It will add resize/scroll events and start recalculating\n * position of the popper element when they are triggered.\n * @method\n * @memberof Popper\n */\nfunction enableEventListeners() {\n  if (!this.state.eventsEnabled) {\n    this.state = setupEventListeners(this.reference, this.options, this.state, this.scheduleUpdate);\n  }\n}\n\n/**\n * Remove event listeners used to update the popper position\n * @method\n * @memberof Popper.Utils\n * @private\n */\nfunction removeEventListeners(reference, state) {\n  // Remove resize event listener on window\n  getWindow(reference).removeEventListener('resize', state.updateBound);\n\n  // Remove scroll event listener on scroll parents\n  state.scrollParents.forEach(function (target) {\n    target.removeEventListener('scroll', state.updateBound);\n  });\n\n  // Reset state\n  state.updateBound = null;\n  state.scrollParents = [];\n  state.scrollElement = null;\n  state.eventsEnabled = false;\n  return state;\n}\n\n/**\n * It will remove resize/scroll events and won't recalculate popper position\n * when they are triggered. It also won't trigger `onUpdate` callback anymore,\n * unless you call `update` method manually.\n * @method\n * @memberof Popper\n */\nfunction disableEventListeners() {\n  if (this.state.eventsEnabled) {\n    cancelAnimationFrame(this.scheduleUpdate);\n    this.state = removeEventListeners(this.reference, this.state);\n  }\n}\n\n/**\n * Tells if a given input is a number\n * @method\n * @memberof Popper.Utils\n * @param {*} input to check\n * @return {Boolean}\n */\nfunction isNumeric(n) {\n  return n !== '' && !isNaN(parseFloat(n)) && isFinite(n);\n}\n\n/**\n * Set the style to the given popper\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element - Element to apply the style to\n * @argument {Object} styles\n * Object with a list of properties and values which will be applied to the element\n */\nfunction setStyles(element, styles) {\n  Object.keys(styles).forEach(function (prop) {\n    var unit = '';\n\n    // add unit if the value is numeric and is one of the following\n    if (['width', 'height', 'top', 'right', 'bottom', 'left'].indexOf(prop) !== -1 && isNumeric(styles[prop])) {\n      unit = 'px';\n    }\n\n    element.style[prop] = styles[prop] + unit;\n  });\n}\n\n/**\n * Set the attributes to the given popper\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element - Element to apply the attributes to\n * @argument {Object} styles\n * Object with a list of properties and values which will be applied to the element\n */\nfunction setAttributes(element, attributes) {\n  Object.keys(attributes).forEach(function (prop) {\n    var value = attributes[prop];\n\n    if (value !== false) {\n      element.setAttribute(prop, attributes[prop]);\n    } else {\n      element.removeAttribute(prop);\n    }\n  });\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument

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{Object} data - The data object generated by `update` method\n * @argument {Object} data.styles - List of style
properties - values to apply to popper element\n * @argument {Object} data.attributes - List of attribute properties -
values to apply to popper element\n * @argument {Object} options - Modifiers configuration and options\n *
@returns {Object} The same data object\n */\nfunction applyStyle(data) {\n // any property present in `data.styles`\n
will be applied to the popper,\n // in this way we can make the 3rd party modifiers add custom styles to it\n // Be
aware, modifiers could override the properties defined in the previous\n // lines of this modifier!\n
setStyles(data.instance.popper, data.styles);\n\n // any property present in `data.attributes` will be applied to the
popper,\n // they will be set as HTML attributes of the element\n setAttributes(data.instance.popper,
data.attributes);\n\n // if arrowElement is defined and arrowStyles has some properties\n if (data.arrowElement &&
Object.keys(data.arrowStyles).length) {\n setStyles(data.arrowElement, data.arrowStyles);\n }\n\n return
data;\n}\n\n/**\n * Set the x-placement attribute before everything else because it could be used\n * to add margins
to the popper margins needs to be calculated to get the\n * correct popper offsets.\n * @method\n * @memberof
Popper.modifiers\n * @param {HTMLElement} reference - The reference element used to position the popper\n *
@param {HTMLElement} popper - The HTML element used as popper\n * @param {Object} options - Popper.js
options\n */\nfunction applyStyleOnLoad(reference, popper, options, modifierOptions, state) {\n // compute
reference element offsets\n var referenceOffsets = getReferenceOffsets(state, popper, reference,
options.positionFixed);\n\n // compute auto placement, store placement inside the data object,\n // modifiers will be
able to edit `placement` if needed\n // and refer to originalPlacement to know the original value\n var placement =
computeAutoPlacement(options.placement, referenceOffsets, popper, reference,
options.modifiers.flip.boundariesElement, options.modifiers.flip.padding);\n\n popper.setAttribute('x-placement',
placement);\n\n // Apply `position` to popper before anything else because\n // without the position applied we
can't guarantee correct computations\n setStyles(popper, { position: options.positionFixed ? 'fixed' : 'absolute'
});\n\n return options;\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument {Object} data - The data
object generated by `update` method\n * @argument {Object} options - Modifiers configuration and options\n *
@returns {Object} The data object, properly modified\n */\nfunction computeStyle(data, options) {\n var x =
options.x,\n y = options.y;\n var popper = data.offsets.popper;\n\n // Remove this legacy support in Popper.js
v2\n\n var legacyGpuAccelerationOption = find(data.instance.modifiers, function (modifier) {\n return
modifier.name === 'applyStyle';\n }).gpuAcceleration;\n if (legacyGpuAccelerationOption !== undefined) {\n
console.warn('WARNING: `gpuAcceleration` option moved to `computeStyle` modifier and will not be supported
in future versions of Popper.js!');\n }\n var gpuAcceleration = legacyGpuAccelerationOption !== undefined ?
legacyGpuAccelerationOption : options.gpuAcceleration;\n\n var offsetParent =
getOffsetParent(data.instance.popper);\n var offsetParentRect = getBoundingClientRect(offsetParent);\n\n //
Styles\n var styles = {\n position: popper.position\n }; \n\n // Avoid blurry text by using full pixel integers.\n //
For pixel-perfect positioning, top/bottom prefers rounded\n // values, while left/right prefers floored values.\n var
offsets = {\n left: Math.floor/popper.left),\n top: Math.round/popper.top),\n bottom:
Math.round/popper.bottom),\n right: Math.floor/popper.right)\n }; \n\n var sideA = x === 'bottom' ? 'top' :
'bottom';\n var sideB = y === 'right' ? 'left' : 'right';\n\n // if gpuAcceleration is set to `true` and transform is
supported,\n // we use `translate3d` to apply the position to the popper we\n // automatically use the supported
prefixed version if needed\n var prefixedProperty = getSupportedPropertyName('transform');\n\n // now, let's make
a step back and look at this code closely (wtf?)\n // If the content of the popper grows once it's been positioned, it\n
// may happen that the popper gets misplaced because of the new content\n // overflowing its reference element\n //
To avoid this problem, we provide two options (x and y), which allow\n // the consumer to define the offset
origin.\n // If we position a popper on top of a reference element, we can set\n // `x` to `top` to make the popper
grow towards its top instead of\n // its bottom.\n var left = void 0,\n top = void 0;\n if (sideA === 'bottom') {\n
// when offsetParent is <html> the positioning is relative to the bottom of the screen (excluding the scrollbar)\n //
and not the bottom of the html element\n if (offsetParent.nodeName === 'HTML') {\n top = -
offsetParent.clientHeight + offsets.bottom;\n } else {\n top = -offsetParentRect.height + offsets.bottom;\n }\n
} else {\n top = offsets.top;\n }\n if (sideB === 'right') {\n if (offsetParent.nodeName === 'HTML') {\n left

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= -offsetParent.clientWidth + offsets.right;\n  } else {\n    left = -offsetParentRect.width + offsets.right;\n  }\n }
else {\n  left = offsets.left;\n }\n if (gpuAcceleration && prefixedProperty) {\n  styles[prefixedProperty] =
'translate3d(' + left + 'px, ' + top + 'px, 0');\n  styles[sideA] = 0;\n  styles[sideB] = 0;\n  styles.willChange =
'transform';\n } else {\n  // otherwise, we use the standard `top`, `left`, `bottom` and `right` properties\n  var
invertTop = sideA === 'bottom' ? -1 : 1;\n  var invertLeft = sideB === 'right' ? -1 : 1;\n  styles[sideA] = top *
invertTop;\n  styles[sideB] = left * invertLeft;\n  styles.willChange = sideA + ', ' + sideB;\n }\n\n // Attributes\n var attributes = {\n  'x-placement': data.placement\n };;\n\n // Update `data` attributes, styles and arrowStyles\n
data.attributes = _extends({}, attributes, data.attributes);\n data.styles = _extends({}, styles, data.styles);\n
data.arrowStyles = _extends({}, data.offsets.arrow, data.arrowStyles);\n\n return data;\n }\n\n/**\n * Helper used to
know if the given modifier depends from another one.<br />\n * It checks if the needed modifier is listed and
enabled.\n * @method\n * @memberof Popper.Utils\n * @param {Array} modifiers - list of modifiers\n * @param
{String} requestingName - name of requesting modifier\n * @param {String} requestedName - name of requested
modifier\n * @returns {Boolean}\n */\nfunction isModifierRequired(modifiers, requestingName, requestedName)
{\n  var requesting = find(modifiers, function (_ref) {\n    var name = _ref.name;\n    return name ===
requestingName;\n  });\n\n  var isRequired = !!requesting && modifiers.some(function (modifier) {\n    return
modifier.name === requestedName && modifier.enabled && modifier.order < requesting.order;\n  });\n\n  if
(!isRequired) {\n    var _requesting = '`' + requestingName + '`';\n    var requested = '`' + requestedName +
`';\n    console.warn(requested + ' modifier is required by ' + _requesting + ' modifier in order to work, be sure to include it
before ' + _requesting + '!');\n  }\n  return isRequired;\n }\n\n/**\n * @function\n * @memberof Modifiers\n *
@argument {Object} data - The data object generated by update method\n * @argument {Object} options -
Modifiers configuration and options\n * @returns {Object} The data object, properly modified\n */\nfunction
arrow(data, options) {\n  var _data$offsets$arrow;\n\n  // arrow depends on keepTogether in order to work\n  if
(!isModifierRequired(data.instance.modifiers, 'arrow', 'keepTogether')) {\n    return data;\n  }\n\n  var arrowElement
= options.element;\n\n  // if arrowElement is a string, suppose it's a CSS selector\n  if (typeof arrowElement ===
'string') {\n    arrowElement = data.instance.popper.querySelector(arrowElement);\n\n    // if arrowElement is not
found, don't run the modifier\n    if (!arrowElement) {\n      return data;\n    }\n  } else {\n    // if the arrowElement
isn't a query selector we must check that the\n    // provided DOM node is child of its popper node\n    if
(!data.instance.popper.contains(arrowElement)) {\n      console.warn('WARNING: `arrow.element` must be child of
its popper element!');\n      return data;\n    }\n  }\n\n  var placement = data.placement.split('-')[0];\n  var
_data$offsets = data.offsets,\n  popper = _data$offsets.popper,\n  reference = _data$offsets.reference;\n\n  var
isVertical = ['left', 'right'].indexOf(placement) !== -1;\n  var len = isVertical ? 'height' : 'width';\n  var
sideCapitalized = isVertical ? 'Top' : 'Left';\n  var side = sideCapitalized.toLowerCase();\n  var altSide = isVertical ?
'left' : 'top';\n  var opSide = isVertical ? 'bottom' : 'right';\n  var arrowElementSize =
getOuterSizes(arrowElement)[len];\n\n  //\n  // extends keepTogether behavior making sure the popper and its\n  //
reference have enough pixels in conjunction\n  //\n  // top/left side\n  if (reference[opSide] - arrowElementSize <
popper[side]) {\n    data.offsets.popper[side] -= popper[side] - (reference[opSide] - arrowElementSize);\n  }\n  //
bottom/right side\n  if (reference[side] + arrowElementSize > popper[opSide]) {\n    data.offsets.popper[side] +=
reference[side] + arrowElementSize - popper[opSide];\n  }\n  data.offsets.popper =
getClientRect(data.offsets.popper);\n\n  // compute center of the popper\n  var center = reference[side] +
reference[len] / 2 - arrowElementSize / 2;\n\n  // Compute the sideValue using the updated popper offsets\n  // take
popper margin in account because we don't have this info available\n  var css =
getStyleComputedProperty(data.instance.popper);\n  var popperMarginSide = parseFloat(css['margin' +
sideCapitalized], 10);\n  var popperBorderSide = parseFloat(css['border' + sideCapitalized + 'Width'], 10);\n  var
sideValue = center - data.offsets.popper[side] - popperMarginSide - popperBorderSide;\n\n  // prevent arrowElement
from being placed not contiguously to its popper\n  sideValue = Math.max(Math.min(popper[len] -
arrowElementSize, sideValue), 0);\n\n  data.arrowElement = arrowElement;\n  data.offsets.arrow =
(_data$offsets$arrow = {}, defineProperty(_data$offsets$arrow, side, Math.round(sideValue)),
defineProperty(_data$offsets$arrow, altSide, ''), _data$offsets$arrow);\n\n  return data;\n }\n\n/**\n * Get the

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opposite placement variation of the given one\n * @method\n * @memberof Popper.Utils\n * @argument {String}
placement variation\n * @returns {String} flipped placement variation\n */\nfunction
getOppositeVariation(variation) {\n  if (variation === 'end') {\n    return 'start';\n  } else if (variation === 'start') {\n
return 'end';\n  }\n  return variation;\n}\n\n/**\n * List of accepted placements to use as values of the `placement`
option.<br />\n * Valid placements are:\n * - `auto`\n * - `top`\n * - `right`\n * - `bottom`\n * - `left`\n * Each
placement can have a variation from this list:\n * - `start`\n * - `end`\n * Variations are interpreted easily if you
think of them as the left to right\n * written languages. Horizontally (`top` and `bottom`), `start` is left and `end`\n *
is right.<br />\n * Vertically (`left` and `right`), `start` is top and `end` is bottom.\n * Some valid examples are:\n
* - `top-end` (on top of reference, right aligned)\n * - `right-start` (on right of reference, top aligned)\n * - `bottom`
(on bottom, centered)\n * - `auto-end` (on the side with more space available, alignment depends by placement)\n
*\n * @static\n * @type {Array}\n * @enum {String}\n * @readonly\n * @method placements\n * @memberof
Popper\n */\nvar placements = ['auto-start', 'auto', 'auto-end', 'top-start', 'top', 'top-end', 'right-start', 'right', 'right-end',
'bottom-end', 'bottom', 'bottom-start', 'left-end', 'left', 'left-start'];\n\n// Get rid of `auto` `auto-start` and `auto-
end`\nvar validPlacements = placements.slice(3);\n\n/**\n * Given an initial placement, returns all the subsequent
placements\n * clockwise (or counter-clockwise).\n * \n * @method\n * @memberof Popper.Utils\n * @argument
{String} placement - A valid placement (it accepts variations)\n * @argument {Boolean} counter - Set to true to
walk the placements counterclockwise\n * @returns {Array} placements including their variations\n */\nfunction
clockwise(placement) {\n  var counter = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] :
false;\n  var index = validPlacements.indexOf(placement);\n  var arr = validPlacements.slice(index +
1).concat(validPlacements.slice(0, index));\n  return counter ? arr.reverse() : arr;\n}\n\nvar BEHAVIORS = {\n
FLIP: 'flip',\n  CLOCKWISE: 'clockwise',\n  COUNTERCLOCKWISE: 'counterclockwise'};\n\n/**\n *
@function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated by update
method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object} The data
object, properly modified\n */\nfunction flip(data, options) {\n  // if `inner` modifier is enabled, we can't use the
`flip` modifier\n  if (isModifierEnabled(data.instance.modifiers, 'inner')) {\n    return data;\n  }\n  if (data.flipped
&& data.placement === data.originalPlacement) {\n    // seems like flip is trying to loop, probably there's not
enough space on any of the flippable sides\n    return data;\n  }\n  var boundaries =
getBoundaries(data.instance.popper, data.instance.reference, options.padding, options.boundariesElement,
data.positionFixed);\n  var placement = data.placement.split('-')[0];\n  var placementOpposite =
getOppositePlacement(placement);\n  var variation = data.placement.split('-')[1] || '';\n  var flipOrder = [];\n  switch (options.behavior) {\n    case BEHAVIORS.FLIP:\n      flipOrder = [placement, placementOpposite];\n      break;\n    case BEHAVIORS.CLOCKWISE:\n      flipOrder = clockwise(placement);\n      break;\n    case
BEHAVIORS.COUNTERCLOCKWISE:\n      flipOrder = clockwise(placement, true);\n      break;\n    default:\n      flipOrder = options.behavior;\n  }\n  flipOrder.forEach(function (step, index) {\n    if (placement !== step ||
flipOrder.length === index + 1) {\n      return data;\n    }\n    placement = data.placement.split('-')[0];\n    placementOpposite = getOppositePlacement(placement);\n    var popperOffsets = data.offsets.popper;\n    var
refOffsets = data.offsets.reference;\n    // using floor because the reference offsets may contain decimals we are not
going to consider here\n    var floor = Math.floor;\n    var overlapsRef = placement === 'left' &&
floor(popperOffsets.right) > floor(refOffsets.left) || placement === 'right' && floor(popperOffsets.left) <
floor(refOffsets.right) || placement === 'top' && floor(popperOffsets.bottom) > floor(refOffsets.top) || placement
=== 'bottom' && floor(popperOffsets.top) < floor(refOffsets.bottom);\n    var overflowsLeft =
floor(popperOffsets.left) < floor(boundaries.left);\n    var overflowsRight = floor(popperOffsets.right) >
floor(boundaries.right);\n    var overflowsTop = floor(popperOffsets.top) < floor(boundaries.top);\n    var
overflowsBottom = floor(popperOffsets.bottom) > floor(boundaries.bottom);\n    var overflowsBoundaries =
placement === 'left' && overflowsLeft || placement === 'right' && overflowsRight || placement === 'top' &&
overflowsTop || placement === 'bottom' && overflowsBottom;\n    // flip the variation if required\n    var
isVertical = ['top', 'bottom'].indexOf(placement) !== -1;\n    var flippedVariation = !!options.flipVariations &&
(isVertical && variation === 'start' && overflowsLeft || isVertical && variation === 'end' && overflowsRight ||

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!isVertical && variation === 'start' && overflowsTop || !isVertical && variation === 'end' &&
overflowsBottom);
    if (overlapsRef || overflowsBoundaries || flippedVariation) {
        // this boolean to detect
        any flip loop
        data.flipped = true;
        if (overlapsRef || overflowsBoundaries) {
            placement =
            flipOrder[index + 1];
        }
        if (flippedVariation) {
            variation = getOppositeVariation(variation);
        }
        data.placement = placement + (variation ? '-' + variation : '');
        // this object contains `position`, we
        want to preserve it along with
        // any additional property we may add in the future
        data.offsets.popper =
        _extends({}, data.offsets.popper, getPopperOffsets(data.instance.popper, data.offsets.reference,
        data.placement));
        data = runModifiers(data.instance.modifiers, data, 'flip');
    }
    return
    data;
}

/**
 * @function
 * @memberof Modifiers
 * @argument {Object} data - The data object generated
 * by update method
 * @argument {Object} options - Modifiers configuration and options
 * @returns {Object}
 * The data object, properly modified
 */
function keepTogether(data) {
    var _data$offsets = data.offsets,
        popper = _data$offsets.popper,
        reference = _data$offsets.reference;

    var placement = data.placement.split('-')[0];
    var floor = Math.floor;
    var isVertical = ['top', 'bottom'].indexOf(placement) !== -1;
    var side = isVertical ? 'right' : 'bottom';
    var opSide = isVertical ? 'left' : 'top';
    var measurement = isVertical ? 'width' : 'height';

    if (popper[side] < floor(reference[opSide])) {
        data.offsets.popper[opSide] = floor(reference[opSide]) - popper[measurement];
    }
    if (popper[opSide] > floor(reference[side])) {
        data.offsets.popper[opSide] = floor(reference[side]);
    }

    return data;
}

/**
 * Converts a string containing
 * value + unit into a px value number
 * @function
 * @memberof {modifiers~offset}
 * @private
 * @argument {String} str - Value + unit string
 * @argument {String} measurement - `height` or `width`
 * @argument {Object} popperOffsets
 * @argument {Object} referenceOffsets
 * @returns {Number|String}
 * Value in pixels, or original string if no values were extracted
 */
function toValue(str, measurement, popperOffsets, referenceOffsets) {
    // separate value from unit
    var split = str.match(/^(?:\d|\+)?\d*\.\d*(.*)$/);
    var value = +split[1];
    var unit = split[2];

    // If it's not a number it's an operator, I
    guess
    if (!value) {
        return str;
    }
    if (unit.indexOf('%') === 0) {
        var element = void 0;
        switch (unit) {
            case '%p':
                element = popperOffsets;
                break;
            case '%r':
                element = referenceOffsets;
        }
        var rect = getClientRect(element);
        return rect[measurement] / 100 * value;
    }
    else if (unit === 'vh' || unit === 'vw') {
        // if is a vh or vw, we calculate the size based on the
        viewport
        var size = void 0;
        if (unit === 'vh') {
            size = Math.max(document.documentElement.clientHeight, window.innerHeight || 0);
        }
        else {
            size = Math.max(document.documentElement.clientWidth, window.innerWidth || 0);
        }
        return size / 100 * value;
    }
    else {
        // if is an explicit pixel unit, we get rid of the unit and keep the value
        // if is an implicit unit, it's px,
        and we return just the value
        return value;
    }
}

/**
 * Parse an `offset` string to extrapolate `x` and `y`
 * numeric offsets.
 * @function
 * @memberof {modifiers~offset}
 * @private
 * @argument {String} offset
 * @argument {Object} popperOffsets
 * @argument {Object} referenceOffsets
 * @argument {String} basePlacement
 * @returns {Array}
 * a two cells array with x and y offsets in numbers
 */
function parseOffset(offset, popperOffsets, referenceOffsets, basePlacement) {
    var offsets = [0, 0];

    // Use height if
    placement is left or right and index is 0 otherwise use width
    // in this way the first offset will use an axis and the
    second one
    // will use the other one
    var useHeight = ['right', 'left'].indexOf(basePlacement) !== -1;

    // Split
    the offset string to obtain a list of values and operands
    // The regex addresses values with the plus or minus sign
    in front (+10, -20, etc)
    var fragments = offset.split(/(\+|\-)/).map(function (frag) {
        return frag.trim();
    });

    // Detect if the offset string contains a pair of values or a single one
    // they could be separated by comma
    or space
    var divider = fragments.indexOf(find(fragments, function (frag) {
        return frag.search(/,|\s/) !== -1;
    }));

    if (fragments[divider] && fragments[divider].indexOf(',') === -1) {
        console.warn('Offsets separated by white space(s) are deprecated, use a comma (,) instead.');
```



```

the units rely on the orientation of the popper
  var measurement = (index === 1 ? !useHeight : useHeight) ?
  'height' : 'width';
  var mergeWithPrevious = false;
  return op
  // This aggregates any `+` or `-` sign that
  aren't considered operators
  // e.g.: 10 + +5 => [10, +, +5]
  .reduce(function (a, b) {
    if (a[a.length - 1]
    === "&& ['+', '-'].indexOf(b) !== -1) {
      a[a.length - 1] = b;
      mergeWithPrevious = true;
      return a;
    } else if (mergeWithPrevious) {
      a[a.length - 1] += b;
      mergeWithPrevious = false;
      return a;
    } else {
      return a.concat(b);
    }
  }, [], [])
  // Here we convert the string values into number values (in
  px)
  .map(function (str) {
    return toValue(str, measurement, popperOffsets, referenceOffsets);
  });
  // Loop through the offsets arrays and execute the operations
  ops.forEach(function (op, index) {
    op.forEach(function (frag, index2) {
      if (isNumeric(frag)) {
        offsets[index] += frag * (op[index2 - 1] ===
        '-' ? -1 : 1);
      }
    });
  });
  return offsets;
}
/**
 * @function
 * @memberof Modifiers
 * @argument {Object} data - The data object generated by update method
 * @argument {Object} options - Modifiers configuration and options
 * @returns {Object} The data object, properly modified
 */
function offset(data, _ref) {
  var offset = _ref.offset;
  var placement = data.placement,
      _data$offsets = data.offsets,
      popper = _data$offsets.popper,
      reference = _data$offsets.reference;

  var basePlacement = placement.split('-')[0];

  var offsets = void 0;
  if (isNumeric(+offset)) {
    offsets = [+offset, 0];
  } else {
    offsets = parseOffset(offset, popper, reference, basePlacement);
  }

  if (basePlacement === 'left') {
    popper.top += offsets[0];
    popper.left -= offsets[1];
  } else if (basePlacement === 'right') {
    popper.top += offsets[0];
    popper.left += offsets[1];
  } else if (basePlacement === 'top') {
    popper.left += offsets[0];
    popper.top -= offsets[1];
  } else if (basePlacement === 'bottom') {
    popper.left += offsets[0];
    popper.top += offsets[1];
  }

  data.popper = popper;
  return data;
}
/**
 * @function
 * @memberof Modifiers
 * @argument {Object} data - The data object generated by `update` method
 * @argument {Object} options - Modifiers configuration and options
 * @returns {Object} The data object, properly modified
 */
function preventOverflow(data, options) {
  var boundariesElement = options.boundariesElement ||
  getOffsetParent(data.instance.popper);

  // If offsetParent is the reference element, we really want to
  // go one step up and use the next offsetParent as reference to
  // avoid to make this modifier completely useless and look
  like broken
  if (data.instance.reference === boundariesElement) {
    boundariesElement = getOffsetParent(boundariesElement);
  }

  // NOTE: DOM access here
  // resets the popper's position so that
  the document size can be calculated excluding
  // the size of the popper element itself
  var transformProp = getSupportedPropertyName('transform');
  var popperStyles = data.instance.popper.style; // assignment to help
  minification
  var top = popperStyles.top,
      left = popperStyles.left,
      transform = popperStyles[transformProp];

  popperStyles.top = "";
  popperStyles.left = "";
  popperStyles[transformProp] = "";

  var boundaries = getBoundaries(data.instance.popper, data.instance.reference, options.padding,
  boundariesElement, data.positionFixed);

  // NOTE: DOM access here
  // restores the original style properties
  after the offsets have been computed
  popperStyles.top = top;
  popperStyles.left = left;
  popperStyles[transformProp] = transform;

  options.boundaries = boundaries;

  var order = options.priority;

  var popper = data.offsets.popper;
  var check = {
    primary: function primary(placement) {
      var value = popper[placement];
      if (popper[placement] < boundaries[placement] && !options.escapeWithReference) {
        value = Math.max(popper[placement], boundaries[placement]);
      }
      return defineProperty({}, placement, value);
    },
    secondary: function secondary(placement) {
      var mainSide = placement === 'right' ? 'left' : 'top';
      var value = popper[mainSide];
      if (popper[placement] > boundaries[placement] && !options.escapeWithReference) {
        value = Math.min(popper[mainSide], boundaries[placement]) - (placement
        === 'right' ? popper.width : popper.height);
      }
      return defineProperty({}, mainSide, value);
    }
  };

  order.forEach(function (placement) {
    var side = ['left', 'top'].indexOf(placement) !== -1 ? 'primary' : 'secondary';
    popper = _extends({}, popper, check[side](placement));
  });

  data.offsets.popper = popper;

  return data;
}
/**
 * @function
 * @memberof Modifiers
 * @argument {Object} data - The data object
  generated by `update` method
 * @argument {Object} options - Modifiers configuration and options
 * @returns {Object} The data object, properly modified
 */
function shift(data) {
  var placement = data.placement;
  var

```

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basePlacement = placement.split('-')[0];\n var shiftvariation = placement.split('-')[1];\n\n // if shift shiftvariation is
specified, run the modifier\n if (shiftvariation) {\n var _data$offsets = data.offsets,\n reference =
_data$offsets.reference,\n popper = _data$offsets.popper;\n\n var isVertical = ['bottom',
'top'].indexOf(basePlacement) !== -1;\n var side = isVertical ? 'left' : 'top';\n var measurement = isVertical ?
'width' : 'height';\n\n var shiftOffsets = {\n start: defineProperty({}, side, reference[side]),\n end:
defineProperty({}, side, reference[side] + reference[measurement] - popper[measurement])\n };;\n\n
data.offsets.popper = _extends({}, popper, shiftOffsets[shiftvariation]);\n }\n\n return data;\n}\n\n/**\n *
@function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated by update
method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object} The data
object, properly modified\n */\nfunction hide(data) {\n if (!isModifierRequired(data.instance.modifiers, 'hide',
'preventOverflow')) {\n return data;\n }\n\n var refRect = data.offsets.reference;\n var bound =
find(data.instance.modifiers, function (modifier) {\n return modifier.name === 'preventOverflow';\n
}).boundaries;\n\n if (refRect.bottom < bound.top || refRect.left > bound.right || refRect.top > bound.bottom ||
refRect.right < bound.left) {\n // Avoid unnecessary DOM access if visibility hasn't changed\n if (data.hide ===
true) {\n return data;\n }\n\n data.hide = true;\n data.attributes['x-out-of-boundaries'] = '';\n } else {\n //
Avoid unnecessary DOM access if visibility hasn't changed\n if (data.hide === false) {\n return data;\n }\n\n
data.hide = false;\n data.attributes['x-out-of-boundaries'] = false;\n }\n\n return data;\n}\n\n/**\n *
@function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated by `update` method\n *
@argument {Object} options - Modifiers configuration and options\n * @returns {Object} The data object, properly
modified\n */\nfunction inner(data) {\n var placement = data.placement;\n var basePlacement = placement.split('-
')[0];\n var _data$offsets = data.offsets,\n popper = _data$offsets.popper,\n reference =
_data$offsets.reference;\n\n var isHoriz = ['left', 'right'].indexOf(basePlacement) !== -1;\n\n var subtractLength =
['top', 'left'].indexOf(basePlacement) === -1;\n\n popper[isHoriz ? 'left' : 'top'] = reference[basePlacement] -
(subtractLength ? popper[isHoriz ? 'width' : 'height'] : 0);\n\n data.placement = getOppositePlacement(placement);\n
data.offsets.popper = getClientRect/popper);\n\n return data;\n}\n\n/**\n * Modifier function, each modifier can
have a function of this type assigned\n * to its `fn` property.<br />\n * These functions will be called on each update,
this means that you must\n * make sure they are performant enough to avoid performance bottlenecks.\n */\n *
@function ModifierFn\n * @argument {dataObject} data - The data object generated by `update` method\n *
@argument {Object} options - Modifiers configuration and options\n * @returns {dataObject} The data object,
properly modified\n */\n\n/**\n * Modifiers are plugins used to alter the behavior of your poppers.<br />\n *
Popper.js uses a set of 9 modifiers to provide all the basic functionalities\n * needed by the library.\n */\n * Usually
you don't want to override the `order`, `fn` and `onLoad` props.\n * All the other properties are configurations that
could be tweaked.\n */\n * @namespace modifiers\n */\nvar modifiers = {\n /**\n * Modifier used to shift the popper
on the start or end of its reference\n * element.<br />\n * It will read the variation of the `placement` property.<br
/>\n * It can be one either `end` or `start`.\n */\n * @memberof modifiers\n * @inner\n * @fn shift: {\n /**
@prop {number} order=100 - Index used to define the order of execution\n */\n order: 100,\n /** @prop
{Boolean} enabled=true - Whether the modifier is enabled or not\n */\n enabled: true,\n /** @prop {ModifierFn}
fn: shift\n },\n\n /**\n * The `offset` modifier can shift your popper on both its axis.\n */\n * It accepts the
following units:\n * - `px` or unit-less, interpreted as pixels\n * - `%` or `%r`, percentage relative to the length of
the reference element\n * - `%p`, percentage relative to the length of the popper element\n * - `vw`, CSS viewport
width unit\n * - `vh`, CSS viewport height unit\n */\n * For length is intended the main axis relative to the
placement of the popper.<br />\n * This means that if the placement is `top` or `bottom`, the length will be the\n *
`width`. In case of `left` or `right`, it will be the `height`.\n */\n * You can provide a single value (as `Number` or
`String`), or a pair of values\n * as `String` divided by a comma or one (or more) white spaces.<br />\n * The
latter is a deprecated method because it leads to confusion and will be\n * removed in v2.<br />\n * Additionally,
it accepts additions and subtractions between different units.\n */\n * Note that multiplications and divisions aren't
supported.\n */\n * Valid examples are:\n * ```\n * 10\n * '10%\n * '10, 10\n * '10%', 10\n * '10 + 10%\n *
'10 - 5vh + 3%\n * '-10px + 5vh, 5px - 6%\n * ```\n * > **NB**>: If you desire to apply offsets to your

```

poppers in a way that may make them overlap with their reference element, unfortunately, you will have to disable the `flip` modifier. You can read more on this at this [\[issue\]\(https://github.com/FezVrasta/popper.js/issues/373\)](https://github.com/FezVrasta/popper.js/issues/373).

**@memberof modifiers**  
**@inner**  
**offset**: {  
 /\*\* @prop {number} order=200 - Index used to define the order of execution  
 order: 200,  
 /\*\* @prop {Boolean} enabled=true - Whether the modifier is enabled or not  
 enabled: true,  
 /\*\* @prop {ModifierFn} \* fn: offset,  
 /\*\* @prop {Number|String} offset=0  
 \* The offset value as described in the modifier description  
 offset: 0  
 },  
 /\*\*  
 \* Modifier used to prevent the popper from being positioned outside the boundary.  
 \* A scenario exists where the reference itself is not within the boundaries.  
 \* We can say it has "escaped the boundaries" — or just "escaped".  
 \* In this case we need to decide whether the popper should either:  
 \* - detach from the reference and remain "trapped" in the boundaries, or  
 \* - if it should ignore the boundary and "escape with its reference".  
 \* When `escapeWithReference` is set to `true` and reference is completely outside its boundaries, the popper will overflow (or completely leave) the boundaries in order to remain attached to the edge of the reference.  
 /\*\*  
 \* @memberof modifiers  
 \* @inner  
 \* preventOverflow: {  
 /\*\* @prop {number} order=300 - Index used to define the order of execution  
 order: 300,  
 /\*\* @prop {Boolean} enabled=true - Whether the modifier is enabled or not  
 enabled: true,  
 /\*\* @prop {ModifierFn} \* fn: preventOverflow,  
 /\*\*  
 \* @prop {Array} [priority=['left','right','top','bottom']]  
 \* Popper will try to prevent overflow following these priorities by default,  
 \* then, it could overflow on the left and on top of the `boundariesElement`  
 \* priority: ['left', 'right', 'top', 'bottom'],  
 /\*\*  
 \* @prop {number} padding=5  
 \* Amount of pixel used to define a minimum distance between the boundaries  
 \* and the popper. This makes sure the popper always has a little padding  
 \* between the edges of its container  
 \* padding: 5,  
 /\*\*  
 \* @prop {String|HTMLElement} boundariesElement='scrollParent'  
 \* Boundaries used by the modifier. Can be `scrollParent`, `window`, `viewport` or any DOM element.  
 \* boundariesElement: 'scrollParent',  
 /\*\*  
 \* Modifier used to make sure the reference and its popper stay near each other without leaving any gap between the two. Especially useful when the arrow is enabled and you want to ensure that it points to its reference element.  
 \* It cares only about the first axis. You can still have poppers with margin between the popper and its reference element.  
 /\*\*  
 \* @memberof modifiers  
 \* @inner  
 \* keepTogether: {  
 /\*\* @prop {number} order=400 - Index used to define the order of execution  
 order: 400,  
 /\*\* @prop {Boolean} enabled=true - Whether the modifier is enabled or not  
 enabled: true,  
 /\*\* @prop {ModifierFn} \* fn: keepTogether  
 },  
 /\*\*  
 \* This modifier is used to move the `arrowElement` of the popper to make sure it is positioned between the reference element and its popper element.  
 \* It will read the outer size of the `arrowElement` node to detect how many pixels of conjunction are needed.  
 \* It has no effect if no `arrowElement` is provided.  
 /\*\*  
 \* @memberof modifiers  
 \* @inner  
 \* arrow: {  
 /\*\* @prop {number} order=500 - Index used to define the order of execution  
 order: 500,  
 /\*\* @prop {Boolean} enabled=true - Whether the modifier is enabled or not  
 enabled: true,  
 /\*\* @prop {ModifierFn} \* fn: arrow,  
 /\*\* @prop {String|HTMLElement} element='[x-arrow]' - Selector or node used as arrow  
 element: '[x-arrow]',  
 /\*\*  
 \* Modifier used to flip the popper's placement when it starts to overlap its reference element.  
 \* Requires the `preventOverflow` modifier before it in order to work.  
 /\*\*  
 \* \*\*NOTE\*\* this modifier will interrupt the current update cycle and will restart it if it detects the need to flip the placement.  
 /\*\*  
 \* @memberof modifiers  
 \* @inner  
 \* flip: {  
 /\*\* @prop {number} order=600 - Index used to define the order of execution  
 order: 600,  
 /\*\* @prop {Boolean} enabled=true - Whether the modifier is enabled or not  
 enabled: true,  
 /\*\* @prop {ModifierFn} \* fn: flip,  
 /\*\*  
 \* @prop {String|Array} behavior='flip'  
 \* The behavior used to change the popper's placement. It can be one of `flip`, `clockwise`, `counterclockwise` or an array with a list of valid placements (with optional variations)  
 \* behavior: 'flip',  
 /\*\*  
 \* @prop {number} padding=5  
 \* The popper will flip if it hits the edges of the `boundariesElement`  
 \* padding: 5,  
 /\*\*  
 \* @prop {String|HTMLElement} boundariesElement='viewport'  
 \* The element which will define the boundaries of the popper position.  
 \* The popper will never be placed outside of the defined boundaries (except if `keepTogether` is enabled)  
 \* boundariesElement: 'viewport',  
 /\*\*

Modifier used to make the popper flow toward the inner of the reference element.

- By default, when this modifier is disabled, the popper will be placed outside the reference element.

```

@memberof modifiers
@inner
inner: {
  /** @prop {number} order=700 - Index used to define the order of execution */
  order: 700,
  /** @prop {Boolean} enabled=false - Whether the modifier is enabled or not */
  enabled: false,
  /** @prop {ModifierFn} */
  fn: inner
},

```

Modifier used to hide the popper when its reference element is outside of the popper boundaries. It will set a `x-out-of-boundaries` attribute which can be used to hide with a CSS selector the popper when its reference is out of boundaries.

- Requires the `preventOverflow` modifier before it in order to work.

```

@memberof modifiers
@inner
hide: {
  /** @prop {number} order=800 - Index used to define the order of execution */
  order: 800,
  /** @prop {Boolean} enabled=true - Whether the modifier is enabled or not */
  enabled: true,
  /** @prop {ModifierFn} */
  fn: hide
},

```

Computes the style that will be applied to the popper element to get it properly positioned.

- Note that this modifier will not touch the DOM, it just prepares the styles so that `applyStyle` modifier can apply it. This separation is useful in case you need to replace `applyStyle` with a custom implementation.
- This modifier has `850` as `order` value to maintain backward compatibility with previous versions of Popper.js. Expect the modifiers ordering method to change in future major versions of the library.

```

@memberof modifiers
@inner
computeStyle: {
  /** @prop {number} order=850 - Index used to define the order of execution */
  order: 850,
  /** @prop {Boolean} enabled=true - Whether the modifier is enabled or not */
  enabled: true,
  /** @prop {ModifierFn} */
  fn: computeStyle,
  /** @prop {Boolean} gpuAcceleration=true
   * If true, it uses the CSS 3D transformation to position the popper.
   * Otherwise, it will use the `top` and `left` properties
   */
  gpuAcceleration: true,
  /** @prop {string} [x='bottom']
   * Where to anchor the X axis ('bottom' or 'top'). AKA X offset origin.
   * Change this if your popper should grow in a direction different from `bottom`
   */
  x: 'bottom',
  /** @prop {string} [x='left']
   * Where to anchor the Y axis ('left' or 'right'). AKA Y offset origin.
   * Change this if your popper should grow in a direction different from `right`
   */
  y: 'right'
},

```

Applies the computed styles to the popper element.

- All the DOM manipulations are limited to this modifier. This is useful in case you want to integrate Popper.js inside a framework or view library and you want to delegate all the DOM manipulations to it.
- Note that if you disable this modifier, you must make sure the popper element has its position set to `absolute` before Popper.js can do its work!
- Just disable this modifier and define your own to achieve the desired effect.

```

@memberof modifiers
@inner
applyStyle: {
  /** @prop {number} order=900 - Index used to define the order of execution */
  order: 900,
  /** @prop {Boolean} enabled=true - Whether the modifier is enabled or not */
  enabled: true,
  /** @prop {ModifierFn} */
  fn: applyStyle,
  /** @prop {Function} */
  onLoad: applyStyleOnLoad,
  /** @prop {Boolean} gpuAcceleration=true
   * If true, it uses the CSS 3D transformation to position the popper.
   * Otherwise, it will use the `top` and `left` properties
   */
  gpuAcceleration: undefined
};

```

The `dataObject` is an object containing all the information used by Popper.js. This object is passed to modifiers and to the `onCreate` and `onUpdate` callbacks.

```

@name dataObject
@property {Object} data.instance The Popper.js instance
@property {String} data.placement Placement applied to popper
@property {String} data.originalPlacement Placement originally defined on init
@property {Boolean} data.flipped True if popper has been flipped by flip modifier
@property {Boolean} data.hide True if the reference element is out of boundaries, useful to know when to hide the popper
@property {HTMLElement} data.arrowElement Node used as arrow by arrow modifier
@property {Object} data.styles Any CSS property defined here will be applied to the popper. It expects the JavaScript nomenclature (eg. `marginBottom`)
@property {Object} data.arrowStyles Any CSS property defined here will be applied to the popper arrow. It expects the JavaScript nomenclature (eg. `marginBottom`)
@property {Object} data.boundaries Offsets of the popper boundaries
@property {Object} data.offsets The measurements of popper, reference and arrow elements
@property {Object} data.offsets.popper `top`, `left`, `width`, `height` values
@property {Object} data.offsets.reference `top`, `left`, `width`, `height` values
@property {Object} data.offsets.arrow] `top` and `left` offsets, only one of them will be different from

```

```

0\n *\n\n/**\n * Default options provided to Popper.js constructor.<br />\n * These can be overridden using the
`options` argument of Popper.js.<br />\n * To override an option, simply pass an object with the same\n * structure
of the `options` object, as the 3rd argument. For example:\n * ``\n * new Popper(ref, pop, {\n *   modifiers: {\n *
preventOverflow: { enabled: false }\n *   })\n * ``\n * @type {Object}\n * @static\n * @memberof Popper\n
*\nvar Defaults = {\n /**\n * Popper's placement.\n * @prop {Popper.placements} placement='bottom'\n *\n
placement: 'bottom',\n\n /**\n * Set this to true if you want popper to position it self in 'fixed' mode\n * @prop
{Boolean} positionFixed=false\n *\n positionFixed: false,\n\n /**\n * Whether events (resize, scroll) are
initially enabled.\n * @prop {Boolean} eventsEnabled=true\n *\n eventsEnabled: true,\n\n /**\n * Set to true
if you want to automatically remove the popper when\n * you call the `destroy` method.\n * @prop {Boolean}
removeOnDestroy=false\n *\n removeOnDestroy: false,\n\n /**\n * Callback called when the popper is
created.<br />\n * By default, it is set to no-op.<br />\n * Access Popper.js instance with `data.instance`.\n *
@prop {onCreate}\n *\n onCreate: function onCreate() {},\n\n /**\n * Callback called when the popper is
updated. This callback is not called\n * on the initialization/creation of the popper, but only on subsequent\n *
updates.<br />\n * By default, it is set to no-op.<br />\n * Access Popper.js instance with `data.instance`.\n *
@prop {onUpdate}\n *\n onUpdate: function onUpdate() {},\n\n /**\n * List of modifiers used to modify the
offsets before they are applied to the popper.\n * They provide most of the functionalities of Popper.js.\n * @prop
{modifiers}\n *\n modifiers: modifiers\n};\n\n/**\n * @callback onCreate\n * @param {dataObject} data\n
*\n\n/**\n * @callback onUpdate\n * @param {dataObject} data\n*\n\n// Utils\n// Methods\nvar Popper =
function () {\n /**\n * Creates a new Popper.js instance.\n * @class Popper\n * @param
{HTMLElement|referenceObject} reference - The reference element used to position the popper\n * @param
{HTMLElement} popper - The HTML element used as the popper\n * @param {Object} options - Your custom
options to override the ones defined in [Defaults](#defaults)\n * @return {Object} instance - The generated
Popper.js instance\n *\n function Popper(reference, popper) {\n   var _this = this;\n   var options =
arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : {};\n   classCallCheck(this, Popper);\n\n
this.scheduleUpdate = function () {\n     return requestAnimationFrame(_this.update);\n   }; \n   // make update()
debounced, so that it only runs at most once-per-tick\n   this.update = debounce(this.update.bind(this));\n\n   // with
{} we create a new object with the options inside it\n   this.options = _extends({}, Popper.Defaults, options);\n\n
// init state\n   this.state = {\n     isDestroyed: false,\n     isCreated: false,\n     scrollParents: []\n   }; \n   // get
reference and popper elements (allow jQuery wrappers)\n   this.reference = reference && reference.jquery ?
reference[0] : reference;\n   this.popper = popper && popper.jquery ? popper[0] : popper;\n\n   // Deep merge
modifiers options\n   this.options.modifiers = {}; \n   Object.keys(_extends({}, Popper.Defaults.modifiers,
options.modifiers)).forEach(function (name) {\n     _this.options.modifiers[name] = _extends({},
Popper.Defaults.modifiers[name] || {}, options.modifiers ? options.modifiers[name] : {});\n   });\n\n   //
Refactoring modifiers' list (Object => Array)\n   this.modifiers = Object.keys(this.options.modifiers).map(function
(name) {\n     return _extends({\n       name: name\n     }, _this.options.modifiers[name]);\n   }); \n   // sort the
modifiers by order\n   .sort(function (a, b) {\n     return a.order - b.order;\n   }); \n   // modifiers have the ability
to execute arbitrary code when Popper.js get inited\n   // such code is executed in the same order of its modifier\n
// they could add new properties to their options configuration\n   // BE AWARE: don't add options to
`options.modifiers.name` but to `modifierOptions`!\n   this.modifiers.forEach(function (modifierOptions) {\n     if
(modifierOptions.enabled && isFunction(modifierOptions.onLoad)) {\n       modifierOptions.onLoad(_this.reference, _this.popper, _this.options, modifierOptions, _this.state);\n     }\n   });\n\n
// fire the first update to position the popper in the right place\n   this.update();\n\n   var eventsEnabled =
this.options.eventsEnabled;\n   if (eventsEnabled) {\n     // setup event listeners, they will take care of update the
position in specific situations\n     this.enableEventListeners();\n   }\n\n   this.state.eventsEnabled =
eventsEnabled;\n }\n\n // We can't use class properties because they don't get listed in the\n // class prototype and
break stuff like Sinon stubs\n\n createClass(Popper, [{\n   key: 'update',\n   value: function update$$1() {\n     return
update.call(this);\n   }\n }, {\n   key: 'destroy',\n   value: function destroy$$1() {\n     return
destroy.call(this);\n   }\n }, {\n   key: 'enableEventListeners',\n   value: function enableEventListeners$$1() {\n

```

```

return enableEventListeners.call(this);\n  }\n }, {\n  key: 'disableEventListeners',\n  value: function
disableEventListeners$$1() {\n  return disableEventListeners.call(this);\n  }\n\n /**\n * Schedules an
update. It will run on the next UI update available.\n * @method scheduleUpdate\n * @memberof Popper\n
*/\n\n /**\n * Collection of utilities useful when writing custom modifiers.\n * Starting from version 1.7,
this method is available only if you\n * include `popper-utils.js` before `popper.js`.\n * \n *
**DEPRECATION**: This way to access PopperUtils is deprecated\n * and will be removed in v2! Use the
PopperUtils module directly instead.\n * Due to the high instability of the methods contained in Utils, we can't\n
* guarantee them to follow semver. Use them at your own risk!\n * @static\n * @private\n * @type
{Object}\n * @deprecated since version 1.8\n * @member Utils\n * @memberof Popper\n */\n\n
return Popper;\n})();\n\n/**\n * The `referenceObject` is an object that provides an interface compatible with
Popper.js\n * and lets you use it as replacement of a real DOM node.<br />\n * You can use this method to position
a popper relatively to a set of coordinates\n * in case you don't have a DOM node to use as reference.\n * \n *
`new Popper(referenceObject, popperNode);\n * \n * \n * NB: This feature isn't supported in Internet Explorer
10.\n * @name referenceObject\n * @property {Function} data.getBoundingClientRect\n * A function that returns a
set of coordinates compatible with the native `getBoundingClientRect` method.\n * @property {number}
data.clientWidth\n * An ES6 getter that will return the width of the virtual reference element.\n * @property
{number} data.clientHeight\n * An ES6 getter that will return the height of the virtual reference element.\n
*/\n\nPopper.Utils = (typeof window !== 'undefined' ? window : global).PopperUtils;\nPopper.placements =
placements;\nPopper.Defaults = Defaults;\n\nexport default Popper;\n\n#\nsourceMappingURL=popper.js.map\n", "\nuse strict";\n\nvar isValue = require('./is-value');\n\nvar forEach =
Array.prototype.forEach, create = Object.create;\n\nvar process = function (src, obj) {\n\tvar key;\n\tfor (key in src)
obj[key] = src[key];\n};\n\n// eslint-disable-next-line no-unused-vars\nmodule.exports = function (opts1 /*,
...options*/) {\n\tvar result = create(null);\n\tforEach.call(arguments, function (options) {\n\t\tif (!isValue(options))
return;\n\t\tprocess(Object(options), result);\n\t});\n\treturn result;\n};\n", /** Used to detect hot functions by
number of calls within a span of milliseconds. */\nvar HOT_COUNT = 800,\n    HOT_SPAN = 16;\n\n/* Built-in
method references for those with the same name as other `lodash` methods. */\nvar nativeNow = Date.now;\n\n/**\n
* Creates a function that'll short out and invoke `identity` instead\n * of `func` when it's called `HOT_COUNT` or
more times in `HOT_SPAN`\n * milliseconds.\n * \n * @private\n * @param {Function} func The function to
restrict.\n * @returns {Function} Returns the new shortable function.\n */\nfunction shortOut(func) {\n  var count =
0,\n    lastCalled = 0;\n\n  return function() {\n    var stamp = nativeNow(),\n        remaining = HOT_SPAN -
(stamp - lastCalled);\n\n    lastCalled = stamp;\n    if (remaining > 0) {\n      if (++count >= HOT_COUNT) {\n
return arguments[0];\n      }\n    } else {\n      count = 0;\n    }\n\n    return func.apply(undefined, arguments);\n
};\n}\n\nmodule.exports = shortOut;\n", "var isSymbol = require('./is-symbol');\n\n/** Used as references for various
`Number` constants. */\nvar INFINITY = 1 / 0;\n\n/**\n * Converts `value` to a string key if it's not a string or
symbol.\n * \n * @private\n * @param {*} value The value to inspect.\n * @returns {string|symbol} Returns the
key.\n */\nfunction toKey(value) {\n  if (typeof value == 'string' || isSymbol(value)) {\n    return value;\n  }\n  var
result = (value + '');\n  return (result == '0' && (1 / value) == -INFINITY) ? '-0' : result;\n}\n\nmodule.exports =
toKey;\n", "use strict";\n\nvar assign = require('es5-ext/object/assign')\n  , normalizeOpts = require('es5-
ext/object/normalize-options')\n  , isCallable = require('es5-ext/object/is-callable')\n  , contains = require('es5-
ext/string/#/contains')\n\n  , d;\n\nnd = module.exports = function (dscr, value/*, options*/) {\n\tvar c, e, w, options,
desc;\n\tif ((arguments.length < 2) || (typeof dscr !== 'string')) {\n\t\toptions = value;\n\t\tvalue = dscr;\n\t\ttdscr =
null;\n\t} else {\n\t\ttoptions = arguments[2];\n\t}\n\tif (dscr == null) {\n\t\ttc = w = true;\n\t\tte = false;\n\t} else
{\n\t\ttc = contains.call(dscr, 'c');\n\t\tte = contains.call(dscr, 'e');\n\t\ttw = contains.call(dscr, 'w');\n\t}\n\t\ndesc = {
value: value, configurable: c, enumerable: e, writable: w };\n\treturn !options ? desc :
assign(normalizeOpts(options), desc);\n};\n\nnd.gs = function (dscr, get, set/*, options*/) {\n\tvar c, e, options,
desc;\n\tif (typeof dscr !== 'string') {\n\t\ttoptions = set;\n\t\ttset = get;\n\t\ttget = dscr;\n\t\ttdscr = null;\n\t} else
{\n\t\ttoptions = arguments[3];\n\t}\n\tif (get == null) {\n\t\ttget = undefined;\n\t} else if (!isCallable(get))
{\n\t\ttoptions = get;\n\t\ttget = set = undefined;\n\t} else if (set == null) {\n\t\ttset = undefined;\n\t} else if

```



```

Object.prototype.hasOwnProperty;\nfunction hasOwn (obj, key) {\n  return hasOwnProperty.call(obj,\n  key);\n}\n\nfunction merge (target) {\n  var arguments$1 = arguments;\n  var output = Object(target);\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments$1[i];\n    if (source !== undefined && source !== null)\n    {\n      var key = (void 0);\n      for (key in source) {\n        if (hasOwn(source, key)) {\n          if\n          (isObject(source[key])) {\n            output[key] = merge(output[key], source[key]);\n          } else {\n            output[key] = source[key];\n          }\n        }\n      }\n    }\n  }\n  return output;\n}\n\nfunction looseEqual (a, b) {\n  if (a === b) { return true }\n  var isObjectA = isObject(a);\n  var isObjectB = isObject(b);\n  if (isObjectA &&\n  isObjectB) {\n    try {\n      var isArrayA = Array.isArray(a);\n      var isArrayB = Array.isArray(b);\n      if\n      (isArrayA && isArrayB) {\n        return a.length === b.length && a.every(function (e, i) {\n          return\n          looseEqual(e, b[i])\n        });\n      } else if (!isArrayA && !isArrayB) {\n        var keysA = Object.keys(a);\n        var\n        keysB = Object.keys(b);\n        return keysA.length === keysB.length && keysA.every(function (key) {\n          return\n          looseEqual(a[key], b[key])\n        });\n      } else {\n        /* istanbul ignore next */\n        return false;\n      }\n    } catch (e) {\n      /* istanbul ignore next */\n      return false;\n    }\n  } else if (!isObjectA && !isObjectB) {\n    return String(a) === String(b);\n  } else {\n    return false;\n  }\n}\n\nvar canUseDateFormat =\n  typeof Intl !==\n  'undefined' && typeof Intl.DateTimeFormat !== 'undefined';\nvar canUseNumberFormat =\n  typeof Intl !==\n  'undefined' && typeof Intl.NumberFormat !== 'undefined';\n\n/* */\nfunction extend (Vue) {\n  if\n  (!Vue.prototype.hasOwnProperty('$i18n')) {\n    // $FlowFixMe\n    Object.defineProperty(Vue.prototype, '$i18n',\n    {\n      get: function get () { return this._i18n }\n    });\n  }\n  Vue.prototype.$t = function (key) {\n    var values =\n    [], len = arguments.length - 1;\n    while (len-- > 0) values[ len ] = arguments[ len + 1 ];\n    var i18n =\n    this.$i18n;\n    return i18n._t.apply(i18n, [ key, i18n.locale, i18n._getMessages(), this ].concat( values ));\n  }\n  Vue.prototype.$tc = function (key, choice) {\n    var values = [], len = arguments.length - 2;\n    while (len-- > 0)\n    values[ len ] = arguments[ len + 2 ];\n    var i18n = this.$i18n;\n    return i18n._tc.apply(i18n, [ key, i18n.locale,\n    i18n._getMessages(), this, choice ].concat( values ));\n  }\n  Vue.prototype.$te = function (key, locale) {\n    var\n    i18n = this.$i18n;\n    return i18n._te(key, i18n.locale, i18n._getMessages(), locale);\n  }\n  Vue.prototype.$d =\n  function (value) {\n    var ref;\n    var args = [], len = arguments.length - 1;\n    while (len-- > 0) args[ len ] =\n    arguments[ len + 1 ];\n    return (ref = this.$i18n).d.apply(ref, [ value ].concat( args ));\n  }\n  Vue.prototype.$n =\n  function (value) {\n    var ref;\n    var args = [], len = arguments.length - 1;\n    while (len-- > 0) args[ len ] =\n    arguments[ len + 1 ];\n    return (ref = this.$i18n).n.apply(ref, [ value ].concat( args ));\n  }\n\n  /* */\n  var mixin\n  = {\n    beforeCreate: function beforeCreate () {\n      var options = this.$options;\n      options.i18n = options.i18n ||\n      (options.__i18n ? {} : null);\n      if (options.i18n) {\n        if (options.i18n instanceof VueI18n) {\n          // init locale\n          messages via custom blocks\n          if (options.__i18n) {\n            try {\n              var localeMessages = {};\n              options.__i18n.forEach(function (resource) {\n                localeMessages = merge(localeMessages,\n                JSON.parse(resource));\n              });\n              Object.keys(localeMessages).forEach(function (locale) {\n                options.i18n.mergeLocaleMessage(locale, localeMessages[locale]);\n              });\n            } catch (e) {\n              if\n              (process.env.NODE_ENV !== 'production') {\n                warn("\\\"Cannot parse locale messages via custom blocks.\\\"",\n                e);\n              }\n            }\n            this._i18n = options.i18n;\n            this._i18nWatcher =\n            this._i18n.watchI18nData();\n            this._i18n.subscribeDataChanging(this);\n            this._subscribing = true;\n          }\n          else if (isPlainObject(options.i18n)) {\n            // component local i18n\n            if (this.$root && this.$root.$i18n &&\n            this.$root.$i18n instanceof VueI18n) {\n              options.i18n.root = this.$root;\n              options.i18n.formatter =\n              this.$root.$i18n.formatter;\n              options.i18n.fallbackLocale = this.$root.$i18n.fallbackLocale;\n              options.i18n.silentTranslationWarn = this.$root.$i18n.silentTranslationWarn;\n            }\n            // init locale messages\n            via custom blocks\n            if (options.__i18n) {\n              try {\n                var localeMessages$1 = {};\n                options.__i18n.forEach(function (resource) {\n                  localeMessages$1 = merge(localeMessages$1,\n                  JSON.parse(resource));\n                });\n                options.i18n.messages = localeMessages$1;\n              } catch (e) {\n                if\n                (process.env.NODE_ENV !== 'production') {\n                  warn("\\\"Cannot parse locale messages via custom\n                blocks.\\\"", e);\n                }\n              }\n            }\n            this._i18n = new VueI18n(options.i18n);\n            this._i18nWatcher\n            = this._i18n.watchI18nData();\n            this._i18n.subscribeDataChanging(this);\n            this._subscribing = true;\n          }\n          if (options.i18n.sync === undefined || !options.i18n.sync) {\n            this._localeWatcher =

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this.$i18n.watchLocale();\n    }\n  } else {\n    if (process.env.NODE_ENV !== 'production') {\n      warn(`Cannot be interpreted 'i18n' option.`);\n    }\n  } else if (this.$root && this.$root.$i18n && this.$root.$i18n instanceof VueI18n) {\n    // root i18n\n    this._i18n = this.$root.$i18n;\n    this._i18n.subscribeDataChanging(this);\n    this._subscribing = true;\n  } else if (options.parent && options.parent.$i18n && options.parent.$i18n instanceof VueI18n) {\n    // parent i18n\n    this._i18n = options.parent.$i18n;\n    this._i18n.subscribeDataChanging(this);\n    this._subscribing = true;\n  }\n},\n\nbeforeDestroy: function beforeDestroy () {\n  if (!this._i18n) { return }\n  if (this._subscribing) {\n    this._i18n.unsubscribeDataChanging(this);\n    delete this._subscribing;\n  }\n  if (this._i18nWatcher) {\n    this._i18nWatcher();\n    delete this._i18nWatcher;\n  }\n  if (this._localeWatcher) {\n    this._localeWatcher();\n    delete this._localeWatcher;\n  }\n  this._i18n = null;\n}\n};\n\n/* */\n\nvar component = {\n  name: 'i18n',\n  functional: true,\n  props: {\n    tag: {\n      type: String,\n      default: 'span'\n    },\n    path: {\n      type: String,\n      required: true\n    },\n    locale: {\n      type: String\n    },\n    places: {\n      type: [Array, Object]\n    }\n  },\n  render: function render (h, ref) {\n    var props = ref.props;\n    var data = ref.data;\n    var children = ref.children;\n    var parent = ref.parent;\n    var i18n = parent.$i18n;\n    children = (children || []).filter(function (child) {\n      return child.tag || (child.text = child.text.trim())\n    });\n    if (!i18n) {\n      if (process.env.NODE_ENV !== 'production') {\n        warn('Cannot find VueI18n instance!');\n      }\n      return children\n    }\n    var path = props.path;\n    var locale = props.locale;\n    var params = {};\n    var places = props.places || {};\n    var hasPlaces = Array.isArray(places)\n      ? places.length > 0\n      : Object.keys(places).length > 0;\n    var everyPlace = children.every(function (child) {\n      if (child.data && child.data.attrs) {\n        var place = child.data.attrs.place;\n        return (typeof place !== 'undefined') && place !== "\n      }\n    });\n    if (process.env.NODE_ENV !== 'production' && hasPlaces && children.length > 0 && !everyPlace) {\n      warn('If places prop is set, all child elements must have place prop set.);\n    }\n    if (Array.isArray(places)) {\n      places.forEach(function (el, i) {\n        params[i] = el;\n      });\n    } else {\n      Object.keys(places).forEach(function (key) {\n        params[key] = places[key];\n      });\n    }\n    children.forEach(function (child, i) {\n      var key = everyPlace\n        ? (`\" + (child.data.attrs.place))\n        : (`\" + i);\n      params[key] = child;\n    });\n    return h(props.tag, data, i18n.i(path, locale, params))\n  }\n};\n\n/* */\n\nfunction bind (el, binding, vnode) {\n  if (!assert(el, vnode)) { return }\n  t(el, binding, vnode);\n}\n\nfunction update (el, binding, vnode, oldVNode) {\n  if (!assert(el, vnode)) { return }\n  var i18n = vnode.context.$i18n;\n  if (localeEqual(el, vnode) && (looseEqual(binding.value, binding.oldValue) && looseEqual(el._localeMessage, i18n.getLocaleMessage(i18n.locale)))) {\n    return\n  }\n  t(el, binding, vnode);\n}\n\nfunction unbind (el, binding, vnode, oldVNode) {\n  var vm = vnode.context;\n  if (!vm) {\n    warn('Vue instance does not exists in VNode context');\n    return\n  }\n  el.textContent = \";\n  el._vt = undefined;\n  delete el['_vt'];\n  el._locale = undefined;\n  delete el['_locale'];\n  el._localeMessage = undefined;\n  delete el['_localeMessage'];\n}\n\nfunction assert (el, vnode) {\n  var vm = vnode.context;\n  if (!vm) {\n    warn('Vue instance does not exists in VNode context');\n    return false\n  }\n  if (!vm.$i18n) {\n    warn('VueI18n instance does not exists in Vue instance');\n    return false\n  }\n  return true\n}\n\nfunction localeEqual (el, vnode) {\n  var vm = vnode.context;\n  return el._locale === vm.$i18n.locale\n}\n\nfunction t (el, binding, vnode) {\n  var ref$1, ref$2;\n  var value = binding.value;\n  var ref = parseValue(value);\n  var path = ref.path;\n  var locale = ref.locale;\n  var args = ref.args;\n  var choice = ref.choice;\n  if (!path && !locale && !args) {\n    warn('value type not supported');\n    return\n  }\n  if (!path) {\n    warn(`path` is required in v-t directive);\n    return\n  }\n  var vm = vnode.context;\n  if (choice) {\n    el._vt = el.textContent = (ref$1 = vm.$i18n).tc.apply(ref$1, [ path, choice ].concat( makeParams(locale, args) ));\n  } else {\n    el._vt = el.textContent = (ref$2 = vm.$i18n).t.apply(ref$2, [ path ].concat( makeParams(locale, args) ));\n  }\n  el._locale = vm.$i18n.locale;\n  el._localeMessage = vm.$i18n.getLocaleMessage(vm.$i18n.locale);\n}\n\nfunction parseValue (value) {\n  var path;\n  var locale;\n  var args;\n  var choice;\n  if (typeof value === 'string') {\n    path = value;\n  } else if (isPlainObject(value)) {\n    path = value.path;\n    locale = value.locale;\n    args = value.args;\n    choice = value.choice;\n  }\n  return { path: path, locale: locale, args: args, choice: choice }\n}\n\nfunction makeParams (locale, args) {\n  var params = [];\n  locale && params.push(locale);\n  if (args && (Array.isArray(args) || isPlainObject(args))) {\n    params.push(args);\n  }\n}

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}\n\n return params\n}\n\nvar Vue;\n\nfunction install (_Vue) {\n /* istanbul ignore if *\n if
(process.env.NODE_ENV !== 'production' && install.installed && _Vue === Vue) {\n warn('already
installed.);\n return\n }\n install.installed = true;\n\n Vue = _Vue;\n\n var version = (Vue.version &&
Number(Vue.version.split('.')[0])) || -1;\n /* istanbul ignore if *\n if (process.env.NODE_ENV !== 'production'
&& version < 2) {\n warn(("vue-i18n (" + (install.version) + ") need to use Vue 2.0 or later (Vue: " +
(Vue.version) + ").");\n return\n }\n\n extend(Vue);\n Vue.mixin(mixin);\n Vue.directive('t', { bind: bind,
update: update, unbind: unbind });\n Vue.component(component.name, component);\n\n // use simple
mergeStrategies to prevent i18n instance lose '__proto__'\n var strats = Vue.config.optionMergeStrategies;\n
strats.i18n = function (parentVal, childVal) {\n return childVal === undefined\n ? parentVal\n : childVal\n
};\n}\n\n/* *\n\nvar BaseFormatter = function BaseFormatter () {\n this._caches =
Object.create(null);\n}\n\nBaseFormatter.prototype.interpolate = function interpolate (message, values) {\n if
(!values) {\n return [message]\n }\n var tokens = this._caches[message];\n if (!tokens) {\n tokens =
parse(message);\n this._caches[message] = tokens;\n }\n return compile(tokens, values)\n}\n\n\n\nvar
RE_TOKEN_LIST_VALUE = /^(?:\d)+/;\nvar RE_TOKEN_NAMED_VALUE = /^(?:\w)+/;\n\nfunction parse
(format) {\n var tokens = [];\n var position = 0;\n var text = "";\n while (position < format.length) {\n var char
= format[position++];\n if (char === '{') {\n if (text) {\n tokens.push({ type: 'text', value: text });\n }
}\n\n text = "";\n var sub = "";\n char = format[position++];\n while (char !== undefined && char !== '}') {\n
sub += char;\n char = format[position++];\n }\n var isClosed = char === '}';\n var type =
RE_TOKEN_LIST_VALUE.test(sub)\n ? 'list'\n : isClosed &&
RE_TOKEN_NAMED_VALUE.test(sub)\n ? 'named'\n : 'unknown';\n tokens.push({ value: sub, type:
type });\n } else if (char === '%') {\n // when found rails i18n syntax, skip text capture\n if
(format[(position)] !== '{') {\n text += char;\n }\n } else {\n text += char;\n }\n }\n\n text &&
tokens.push({ type: 'text', value: text });\n\n return tokens\n}\n\nfunction compile (tokens, values) {\n var compiled
= [];\n var index = 0;\n var mode = Array.isArray(values)\n ? 'list'\n : isObject(values)\n ? 'named'\n :
'unknown';\n if (mode === 'unknown') { return compiled }\n\n while (index < tokens.length) {\n var token =
tokens[index];\n switch (token.type) {\n case 'text':\n compiled.push(token.value);\n break\n case
'list':\n compiled.push(values[parseInt(token.value, 10)]);\n break\n case 'named':\n if (mode ===
'named') {\n compiled.push((values)[token.value]);\n } else {\n if (process.env.NODE_ENV !==
'production') {\n warn(("Type of token " + (token.type) + " and format of value " + mode + " don't
match!")); }\n }\n break\n case 'unknown':\n if (process.env.NODE_ENV !== 'production')
{\n warn(("Detect 'unknown' type of token!")); }\n break\n }\n index++;\n }\n\n return
compiled\n}\n\n/* *\n\n * Path parser\n * - Inspired:\n * Vue.js Path parser\n *\n\n// actions\n\nvar
APPEND = 0;\nvar PUSH = 1;\nvar INC_SUB_PATH_DEPTH = 2;\nvar PUSH_SUB_PATH = 3;\n\n// states\n\nvar
BEFORE_PATH = 0;\nvar IN_PATH = 1;\nvar BEFORE_IDENT = 2;\nvar IN_IDENT = 3;\nvar IN_SUB_PATH
= 4;\nvar IN_SINGLE_QUOTE = 5;\nvar IN_DOUBLE_QUOTE = 6;\nvar AFTER_PATH = 7;\nvar ERROR =
8;\n\nvar pathStateMachine = [];\n\npathStateMachine[BEFORE_PATH] = {\n 'ws': [BEFORE_PATH],\n 'ident':
[IN_IDENT, APPEND],\n '[': [IN_SUB_PATH],\n 'eof': [AFTER_PATH]\n};\n\npathStateMachine[IN_PATH] =
{\n 'ws': [IN_PATH],\n '.': [BEFORE_IDENT],\n '[': [IN_SUB_PATH],\n 'eof':
[AFTER_PATH]\n};\n\npathStateMachine[BEFORE_IDENT] = {\n 'ws': [BEFORE_IDENT],\n 'ident':
[IN_IDENT, APPEND],\n '0': [IN_IDENT, APPEND],\n 'number': [IN_IDENT,
APPEND]\n};\n\npathStateMachine[IN_IDENT] = {\n 'ident': [IN_IDENT, APPEND],\n '0': [IN_IDENT,
APPEND],\n 'number': [IN_IDENT, APPEND],\n 'ws': [IN_PATH, PUSH],\n '.': [BEFORE_IDENT, PUSH],\n
 '[': [IN_SUB_PATH, PUSH],\n 'eof': [AFTER_PATH, PUSH]\n};\n\npathStateMachine[IN_SUB_PATH] = {\n
'\\': [IN_SINGLE_QUOTE, APPEND],\n '\\': [IN_DOUBLE_QUOTE, APPEND],\n '[': [IN_SUB_PATH,
INC_SUB_PATH_DEPTH],\n ']': [IN_PATH, PUSH_SUB_PATH],\n 'eof': ERROR,\n 'else': [IN_SUB_PATH,
APPEND]\n};\n\npathStateMachine[IN_SINGLE_QUOTE] = {\n '\\': [IN_SUB_PATH, APPEND],\n 'eof':
ERROR,\n 'else': [IN_SINGLE_QUOTE, APPEND]\n};\n\npathStateMachine[IN_DOUBLE_QUOTE] = {\n '\\':
[IN_SUB_PATH, APPEND],\n 'eof': ERROR,\n 'else': [IN_DOUBLE_QUOTE, APPEND]\n};\n\n/* *\n * Check if

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options.messages || {};\n var dateTimeFormats = options.dateTimeFormats || {};\n var numberFormats =
options.numberFormats || {};\n\n this._vm = null;\n this._formatter = options.formatter || new BaseFormatter();\n
this._missing = options.missing || null;\n this._root = options.root || null;\n this._sync === undefined
? true : !!options.sync;\n this._fallbackRoot = options.fallbackRoot === undefined\n ? true\n :
!!options.fallbackRoot;\n this._silentTranslationWarn = options.silentTranslationWarn === undefined\n ? false\n
: !!options.silentTranslationWarn;\n this._dateTimeFormatters = {};\n this._numberFormatters = {};\n this._path =
new I18nPath();\n this._dataListeners = [];\n\n this._exist = function (message, key) {\n if (!message || !key) {\n
return false }\n return !isNull(this.$1._path.getPathValue(message, key))\n };\n\n this._initVM({\n locale:
locale,\n fallbackLocale: fallbackLocale,\n messages: messages,\n dateTimeFormats: dateTimeFormats,\n
numberFormats: numberFormats\n });\n};\n\nvar prototypeAccessors = { vm: { configurable: true },messages: {
configurable: true },dateTimeFormats: { configurable: true },numberFormats: { configurable: true },locale: {
configurable: true },fallbackLocale: { configurable: true },missing: { configurable: true },formatter: { configurable:
true },silentTranslationWarn: { configurable: true } };\n\nVueI18n.prototype._initVM = function _initVM (data) {\n
var silent = Vue.config.silent;\n Vue.config.silent = true;\n this._vm = new Vue({ data: data });\n
Vue.config.silent = silent;\n};\n\nVueI18n.prototype.subscribeDataChanging = function subscribeDataChanging
(vm) {\n this._dataListeners.push(vm);\n};\n\nVueI18n.prototype.unsubscribeDataChanging = function
unsubscribeDataChanging (vm) {\n remove(this._dataListeners, vm);\n};\n\nVueI18n.prototype.watchI18nData =
function watchI18nData () {\n var self = this;\n return this._vm.$watch('$data', function () {\n var i =
self._dataListeners.length;\n while (i--) {\n Vue.nextTick(function () {\n self._dataListeners[i] &&
self._dataListeners[i].$forceUpdate();\n });\n };\n }, { deep: true });\n};\n\nVueI18n.prototype.watchLocale =
function watchLocale () {\n /* istanbul ignore if */\n if (!this._sync || !this._root) { return null }\n var target =
this._vm;\n return this._root.$i18n.vm.$watch('locale', function (val) {\n target.$set(target, 'locale', val);\n
target.$forceUpdate();\n }, { immediate: true });\n};\n\nprototypeAccessors.vm.get = function () { return this._vm
};\n\nprototypeAccessors.messages.get = function () { return looseClone(this._getMessages())
};\n\nprototypeAccessors.dateTimeFormats.get = function () { return looseClone(this._getDateTimeFormats())
};\n\nprototypeAccessors.numberFormats.get = function () { return looseClone(this._getNumberFormats())
};\n\nprototypeAccessors.locale.get = function () { return this._vm.locale }; \n\nprototypeAccessors.locale.set =
function (locale) {\n this._vm.$set(this._vm, 'locale', locale);\n};\n\nprototypeAccessors.fallbackLocale.get =
function () { return this._vm.fallbackLocale }; \n\nprototypeAccessors.fallbackLocale.set = function (locale) {\n
this._vm.$set(this._vm, 'fallbackLocale', locale);\n};\n\nprototypeAccessors.missing.get = function () { return
this._missing }; \n\nprototypeAccessors.missing.set = function (handler) { this._missing = handler;
};\n\nprototypeAccessors.formatter.get = function () { return this._formatter }; \n\nprototypeAccessors.formatter.set =
function (formatter) { this._formatter = formatter; }; \n\nprototypeAccessors.silentTranslationWarn.get = function ()
{ return this._silentTranslationWarn }; \n\nprototypeAccessors.silentTranslationWarn.set = function (silent) {
this._silentTranslationWarn = silent; }; \n\nVueI18n.prototype._getMessages = function _getMessages () { return
this._vm.messages }; \n\nVueI18n.prototype._getDateTimeFormats = function _getDateTimeFormats () { return
this._vm.dateTimeFormats }; \n\nVueI18n.prototype._getNumberFormats = function _getNumberFormats () { return
this._vm.numberFormats }; \n\nVueI18n.prototype._warnDefault = function _warnDefault (locale, key, result, vm,
values) {\n if (!isNull(result)) { return result }\n if (this._missing) {\n var missingRet = this._missing.apply(null,
[locale, key, vm, values]);\n if (typeof missingRet === 'string') {\n return missingRet\n }\n } else {\n if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n warn(\n '\n"Cannot translate
the value of keypath "' + key + "'.\n" +\n '\n"Use the value of keypath as default.\n"
);\n }\n }\n return
key\n};\n\nVueI18n.prototype._isFallbackRoot = function _isFallbackRoot (val) {\n return !val &&
!isNull(this._root) && this._fallbackRoot\n};\n\nVueI18n.prototype._interpolate = function _interpolate (\n
locale,\n message,\n key,\n host,\n interpolateMode,\n values,\n visitedLinkStack\n) {\n if (!message) { return
null }\n\n var pathRet = this._path.getPathValue(message, key);\n if (Array.isArray(pathRet) ||
isPlainObject(pathRet)) { return pathRet }\n\n var ret;\n if (isNull(pathRet)) {\n /* istanbul ignore else */\n if
(isPlainObject(message)) {\n ret = message[key];\n if (typeof ret !== 'string') {\n if

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(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n      warn(("Value of key \" +
key + \" is not a string!\");\n    }\n    return null\n  }\n } else {\n    return null\n  }\n } else {\n /*
istanbul ignore else */\n   if (typeof pathRet === 'string') {\n     ret = pathRet;\n   } else {\n     if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n       warn(("Value of key \" + key
+ \" is not a string!\");\n     }\n     return null\n   }\n }\n\n // Check for the existence of links within the translated
string\n if (ret.indexOf('@:') >= 0 || ret.indexOf('@.') >= 0) {\n   ret = this._link(locale, message, ret, host,
interpolateMode, values, visitedLinkStack);\n }\n\n return this._render(ret, interpolateMode,
values)\n};\n\nVueI18n.prototype._link = function _link (\n locale,\n message,\n str,\n host,\n interpolateMode,\n
values,\n visitedLinkStack)\n {\n   var this$1 = this;\n   var ret = str;\n   // Match all the links within the local\n
// We are going to replace each of\n // them with its translation\n   var matches = ret.match(linkKeyMatcher);\n   for
(var idx in matches) {\n     // ie compatible: filter custom array\n     // prototype method\n     if
(!matches.hasOwnProperty(idx)) {\n       continue\n     }\n     var link = matches[idx];\n     var linkKeyPrefixMatches =
link.match(linkKeyPrefixMatcher);\n     var linkPrefix = linkKeyPrefixMatches[0];\n     var formatterName =
linkKeyPrefixMatches[1];\n     // Remove the leading @:, @.case: and the brackets\n     var linkPlaceholder =
link.replace(linkPrefix, "").replace(bracketsMatcher, "");\n     if (visitedLinkStack.includes(linkPlaceholder)) {\n
if (process.env.NODE_ENV !== 'production') {\n       warn(("Circular reference found. \\\"\" + link + \"\" is
already visited in the chain of \" + (visitedLinkStack.reverse().join(' <- ')));\n     }\n     return ret\n   }\n
visitedLinkStack.push(linkPlaceholder);\n   // Translate the link\n   var translated = this$1._interpolate(\n
locale, message, linkPlaceholder, host,\n   interpolateMode === 'raw' ? 'string' : interpolateMode,\n
interpolateMode === 'raw' ? undefined : values,\n   visitedLinkStack\n );\n   if
(this$1._isFallbackRoot(translated)) {\n     if (process.env.NODE_ENV !== 'production' &&
!this$1._silentTranslationWarn) {\n       warn(("Fall back to translate the link placeholder \" + linkPlaceholder + \"
with root locale.\");\n     }\n     /* istanbul ignore if */\n     if (!this$1._root) { throw Error('unexpected error') }\n
var root = this$1._root.$i18n;\n     translated = root._translate(\n       root._getMessages(), root.locale,
root.fallbackLocale,\n       linkPlaceholder, host, interpolateMode, values\n     );\n   }\n   translated =
this$1._warnDefault(\n     locale, linkPlaceholder, translated, host,\n     Array.isArray(values) ? values : [values]\n
);\n   if (formatters.hasOwnProperty(formatterName)) {\n     translated = formatters[formatterName](translated);\n
}\n   visitedLinkStack.pop();\n   // Replace the link with the translated\n   ret = !translated ? ret :
ret.replace(link, translated);\n }\n\n return ret\n};\n\nVueI18n.prototype._render = function _render (message,
interpolateMode, values) {\n   var ret = this._formatter.interpolate(message, values);\n   // if interpolateMode is
**not** 'string' ('row'),\n // return the compiled data (e.g. ['foo', VNode, 'bar']) with formatter\n   return
interpolateMode === 'string' ? ret.join("") : ret\n};\n\nVueI18n.prototype._translate = function _translate (\n
messages,\n locale,\n fallback,\n key,\n host,\n interpolateMode,\n args)\n {\n   var res =\n   this._interpolate(locale, messages[locale], key, host, interpolateMode, args, [key]);\n   if (!isNull(res)) { return res
}\n   res = this._interpolate(fallback, messages[fallback], key, host, interpolateMode, args, [key]);\n   if
(!isNull(res)) {\n     if (process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n
warn(("Fall back to translate the keypath \" + key + \" with \" + fallback + \" locale.\");\n     }\n     return res\n   }
else {\n     return null\n   }\n};\n\nVueI18n.prototype._t = function _t (key, _locale, messages, host) {\n   var ref;\n
var values = [], len = arguments.length - 4;\n   while ( len-- > 0 ) values[ len ] = arguments[ len + 4 ];\n   if (!key) {
return "" }\n   var parsedArgs = parseArgs.apply(void 0, values);\n   var locale = parsedArgs.locale || _locale;\n
var ret = this._translate(\n     messages, locale, this.fallbackLocale, key,\n     host, 'string', parsedArgs.params\n );\n
if (this._isFallbackRoot(ret)) {\n     if (process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn)
{\n       warn(("Fall back to translate the keypath \" + key + \" with root locale.\");\n     }\n     /* istanbul ignore if
*/\n     if (!this._root) { throw Error('unexpected error') }\n     return (ref = this._root).$.t.apply(ref, [ key ].concat(
values ))\n   } else {\n     return this._warnDefault(locale, key, ret, host, values)\n   }\n};\n\nVueI18n.prototype.t =
function t (key) {\n   var ref;\n   var values = [], len = arguments.length - 1;\n   while ( len-- > 0 ) values[ len ] =
arguments[ len + 1 ];\n   return (ref = this)._t.apply(ref, [ key, this.locale, this._getMessages(), null ].concat( values
))\n};\n\nVueI18n.prototype._i = function _i (key, locale, messages, host, values) {\n   var ret =\n

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this._translate(messages, locale, this.fallbackLocale, key, host, 'raw', values);\n if (this._isFallbackRoot(ret)) {\n if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n warn(("Fall back to interpolate
the keypath \"" + key + "\" with root locale.\"));\n }\n if (!this._root) { throw Error('unexpected error') }\n return
this._root.$i18n.i(key, locale, values)\n } else {\n return this._warnDefault(locale, key, ret, host, [values])\n
}\n};\n\nVueI18n.prototype.i = function i (key, locale, values) {\n /* istanbul ignore if */\n if (!key) { return " }\n\n
if (typeof locale !== 'string') {\n locale = this.locale;\n }\n\n return this._i(key, locale, this._getMessages(), null,
values)\n};\n\nVueI18n.prototype._tc = function _tc (\n key,\n _locale,\n messages,\n host,\n choice)\n {\n var
ref;\n var values = [], len = arguments.length - 5;\n while ( len-- > 0 ) values[ len ] = arguments[ len + 5 ];\n if
(!key) { return " }\n if (choice === undefined) {\n choice = 1;\n }\n\n var predefined = { 'count': choice, 'n':
choice };\n var parsedArgs = parseArgs.apply(void 0, values);\n parsedArgs.params = Object.assign(predefined,
parsedArgs.params);\n values = parsedArgs.locale === null ? [parsedArgs.params] : [parsedArgs.locale,
parsedArgs.params];\n return this.fetchChoice((ref = this)._t.apply(ref, [ key, _locale, messages, host ].concat(
values )), choice)\n};\n\nVueI18n.prototype.fetchChoice = function fetchChoice (message, choice) {\n /* istanbul
ignore if */\n if (!message && typeof message !== 'string') { return null }\n var choices = message.split("|");\n\n
choice = this.getChoiceIndex(choice, choices.length);\n if (!choices[choice]) { return message }\n return
choices[choice].trim()\n};\n\n/**\n * @param choice {number} a choice index given by the input to $tc:\n
`$tc('path.to.rule', choiceIndex)`\n * @param choicesLength {number} an overall amount of available choices\n *
@returns a final choice index\n*/\nVueI18n.prototype.getChoiceIndex = function getChoiceIndex (choice,
choicesLength) {\n choice = Math.abs(choice);\n\n if (choicesLength === 2) {\n return choice\n ? choice >
1\n ? 1\n : 0\n : 1\n }\n\n return choice ? Math.min(choice, 2) : 0\n};\n\nVueI18n.prototype.tc =
function tc (key, choice) {\n var ref;\n\n var values = [], len = arguments.length - 2;\n while ( len-- > 0 )
values[ len ] = arguments[ len + 2 ];\n return (ref = this)._tc.apply(ref, [ key, this.locale, this._getMessages(), null,
choice ].concat( values ))\n};\n\nVueI18n.prototype._te = function _te (key, locale, messages) {\n var args = [],
len = arguments.length - 3;\n while ( len-- > 0 ) args[ len ] = arguments[ len + 3 ];\n\n var _locale =
parseArgs.apply(void 0, args).locale || locale;\n return this._exist(messages[_locale],
key)\n};\n\nVueI18n.prototype.te = function te (key, locale) {\n return this._te(key, this.locale, this._getMessages(),
locale)\n};\n\nVueI18n.prototype.getLocaleMessage = function getLocaleMessage (locale) {\n return
looseClone(this._vm.messages[locale] || {})\n};\n\nVueI18n.prototype.setLocaleMessage = function
setLocaleMessage (locale, message) {\n this._vm.$set(this._vm.messages, locale,
message);\n};\n\nVueI18n.prototype.mergeLocaleMessage = function mergeLocaleMessage (locale, message) {\n
this._vm.$set(this._vm.messages, locale, merge(this._vm.messages[locale] || {},
message));\n};\n\nVueI18n.prototype.getDateTimeFormat = function getDateTimeFormat (locale) {\n return
looseClone(this._vm.dateTimeFormats[locale] || {})\n};\n\nVueI18n.prototype.setDateTimeFormat = function
setDateTimeFormat (locale, format) {\n this._vm.$set(this._vm.dateTimeFormats, locale,
format);\n};\n\nVueI18n.prototype.mergeDateTimeFormat = function mergeDateTimeFormat (locale, format) {\n
this._vm.$set(this._vm.dateTimeFormats, locale, merge(this._vm.dateTimeFormats[locale] || {},
format));\n};\n\nVueI18n.prototype._localizeDateTime = function _localizeDateTime (\n value,\n locale,\n
fallback,\n dateTimeFormats,\n key)\n {\n var _locale = locale;\n var formats = dateTimeFormats[_locale];\n\n //
fallback locale\n if (isNull(formats) || isNull(formats[key])) {\n if (process.env.NODE_ENV !== 'production') {\n
warn(("Fall back to \"" + fallback + "\" datetime formats from \"" + locale + "\" datetime formats.\"));\n }\n
_locale = fallback;\n formats = dateTimeFormats[_locale];\n }\n\n if (isNull(formats) || isNull(formats[key])) {\n
return null\n } else {\n var format = formats[key];\n var id = _locale + \"_\" + key;\n var formatter =
this._dateTimeFormatters[id];\n if (!formatter) {\n formatter = this._dateTimeFormatters[id] = new
Intl.DateTimeFormat(_locale, format);\n }\n return formatter.format(value)\n }\n};\n\nVueI18n.prototype._d =
function _d (value, locale, key) {\n /* istanbul ignore if */\n if (process.env.NODE_ENV !== 'production' &&
!VueI18n.availabilities.dateTimeFormat) {\n warn('Cannot format a Date value due to not supported
Intl.DateTimeFormat.);\n return ""\n }\n\n if (!key) {\n return new Intl.DateTimeFormat(locale).format(value)\n
}\n\n var ret =\n this._localizeDateTime(value, locale, this.fallbackLocale, this._getDateTimeFormats(), key);\n

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if (this._isFallbackRoot(ret)) {\n  if (process.env.NODE_ENV !== 'production') {\n    warn(("Fall back to
datetime localization of root: key \"" + key + "\" ."));
  }\n  /* istanbul ignore if */\n  if (!this._root) { throw
Error('unexpected error') }\n  return this._root.$i18n.d(value, key, locale)\n } else {\n  return ret || "\n
}\n};\n\nVueI18n.prototype.d = function d (value) {\n  var args = [], len = arguments.length - 1;\n  while ( len-- >
0 ) args[ len ] = arguments[ len + 1 ];\n\n  var locale = this.locale;\n  var key = null;\n\n  if (args.length === 1) {\n
if (typeof args[0] === 'string') {\n    key = args[0];\n  } else if (isObject(args[0])) {\n    if (args[0].locale) {\n
locale = args[0].locale;\n    }\n    if (args[0].key) {\n      key = args[0].key;\n    }\n  }\n } else if (args.length
=== 2) {\n  if (typeof args[0] === 'string') {\n    key = args[0];\n  }\n  if (typeof args[1] === 'string') {\n
locale = args[1];\n  }\n }\n\n  return this._d(value, locale, key);\n};\n\nVueI18n.prototype.getNumberFormat =
function getNumberFormat (locale) {\n  return looseClone(this._vm.numberFormats[locale] ||
{});\n};\n\nVueI18n.prototype.setNumberFormat = function setNumberFormat (locale, format) {\n
this._vm.$set(this._vm.numberFormats, locale, format);\n};\n\nVueI18n.prototype.mergeNumberFormat = function
mergeNumberFormat (locale, format) {\n  this._vm.$set(this._vm.numberFormats, locale,
merge(this._vm.numberFormats[locale] || {}, format));\n};\n\nVueI18n.prototype._localizeNumber = function
_localizeNumber (\n value,\n locale,\n fallback,\n numberFormats,\n key,\n options)\n) {\n  var _locale =
locale;\n  var formats = numberFormats[_locale];\n\n  // fallback locale\n  if (isNull(formats) || isNull(formats[key]))
{\n    if (process.env.NODE_ENV !== 'production') {\n      warn(("Fall back to \"" + fallback + "\" number formats
from \"" + locale + "\" number formats."));\n    }\n    _locale = fallback;\n    formats = numberFormats[_locale];\n
}\n\n  if (isNull(formats) || isNull(formats[key])) {\n    return null\n } else {\n    var format = formats[key];\n\n    var
formatter;\n    if (options) {\n      // If options specified - create one time number formatter\n      formatter = new
Intl.NumberFormat(_locale, Object.assign({}, format, options));\n    } else {\n      var id = _locale + \"__\" + key;\n
formatter = this._numberFormatters[id];\n      if (!formatter) {\n        formatter = this._numberFormatters[id] = new
Intl.NumberFormat(_locale, format);\n      }\n    }\n    return formatter.format(value)\n
}\n};\n\nVueI18n.prototype._n = function _n (value, locale, key, options) {\n  /* istanbul ignore if */\n  if
(!VueI18n.availabilities.numberFormat) {\n    if (process.env.NODE_ENV !== 'production') {\n      warn('Cannot
format a Number value due to not supported Intl.NumberFormat.);\n    }\n    return "\n }\n\n  if (!key) {\n    var nf =
!options ? new Intl.NumberFormat(locale) : new Intl.NumberFormat(locale, options);\n    return nf.format(value)\n
}\n\n  var ret =\n    this._localizeNumber(value, locale, this.fallbackLocale, this._getNumberFormats(), key,
options);\n  if (this._isFallbackRoot(ret)) {\n    if (process.env.NODE_ENV !== 'production') {\n      warn(("Fall
back to number localization of root: key \"" + key + "\" ."));
    }\n    /* istanbul ignore if */\n    if (!this._root) {
throw Error('unexpected error') }\n    return this._root.$i18n.n(value, Object.assign({}, { key: key, locale: locale },
options))\n } else {\n  return ret || "\n }\n};\n\nVueI18n.prototype.n = function n (value) {\n  var args = [], len =
arguments.length - 1;\n  while ( len-- > 0 ) args[ len ] = arguments[ len + 1 ];\n\n  var locale = this.locale;\n  var
key = null;\n  var options = null;\n\n  if (args.length === 1) {\n    if (typeof args[0] === 'string') {\n      key =
args[0];\n    } else if (isObject(args[0])) {\n      if (args[0].locale) {\n        locale = args[0].locale;\n      }\n      if
(args[0].key) {\n        key = args[0].key;\n      }\n\n      // Filter out number format options only\n      options =
Object.keys(args[0]).reduce(function (acc, key) {\n        var obj;\n\n        if (numberFormatKeys.includes(key)) {\n
return Object.assign({}, acc, ( obj = {}, obj[key] = args[0][key], obj ))\n        }\n        return acc\n      }, null);\n
}\n } else if (args.length === 2) {\n  if (typeof args[0] === 'string') {\n    key = args[0];\n  }\n  if (typeof
args[1] === 'string') {\n    locale = args[1];\n  }\n }\n\n  return this._n(value, locale, key,
options);\n};\n\nObject.defineProperties( VueI18n.prototype, prototypeAccessors );\n\nVueI18n.availabilities = {\n
dateTimeFormat: canUseDateTimeFormat,\n numberFormat: canUseNumberFormat\n};\n\nVueI18n.install =
install;\n\nVueI18n.version = '8.4.0';\n\nexport default VueI18n;\n\n", "import Vue from 'vue'\nimport VueI18n from
'vue-i18n'\n\nVue.use(VueI18n)\n\nfunction loadLocaleMessages () {\n  const locales = require.context('./locales',
true, /[A-Za-z0-9-_,\\s]+\\.json$/i)\n  const messages = {}\n  locales.keys().forEach(key => {\n    const matched =
key.match(/([A-Za-z0-9-_]+)/i)\n    if (matched && matched.length > 1) {\n      const locale = matched[1]\n
messages[locale] = locales(key)\n    }\n  })\n  return messages\n}\n\nexport default new VueI18n({\n  locale:
process.env.VUE_APP_I18N_LOCALE || 'en',\n  fallbackLocale:

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process.env.VUE_APP_I18N_FALLBACK_LOCALE || 'en',\n messages: loadLocaleMessages()\n})", "var render
= function () {var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _vm._m(0)}\nvar
staticRenderFns = [function () {var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return
_c('div',{staticClass:"content-placeholder"},[_c('div',{staticClass:"content-placeholder__wrapper",style:({
backgroundSize: _vm.size })),_vm._l(_vm.formattedRows,function(row,r){return
_c('div',{key:r,staticClass:"content-placeholder__wrapper__row",style:({height:
row.height})),_vm._l((row.bboxes),function(box,b){return
_c('div',{key:b,style:(box.style)},[(box.subClass)?_c('div',{class:box.subClass}):_vm._e(0)])])])])]\n\nexport {
render, staticRenderFns }", "const DEFAULT_ROWS = [\n { height: '1em',\n boxes: [[0, '50%'], ['5%', '30%'],
['5%', '10%']] \n }]\n\nexport function isFlexBasis (str) {\n return Number(str).toString() ===
str.toString()\n}\n\nexport function isWidth (str) {\n const cssSuffix = ['px', '%', 'em', 'rem']\n let checkState =
false\n cssSuffix.forEach(suffix => {\n if (Number(str.split(suffix)[0]) &&\n str.split(suffix)[1] === " " &&\n
str.split(suffix).length === 2) {\n checkState = true\n } })\n return checkState\n}\n\nexport function
getBoxStyle (left, width, isLast, subClass = 'box') {\n const arr = []\n if (left !== 0) {\n if (isFlexBasis(left)) {\n
arr.push({style: `flex-grow: ${left}; flex-shrink: 0; flex-basis: 0;`, subClass})\n } else if (isWidth(left)) {\n
arr.push({style: `flex-grow: 0; flex-shrink: 0; flex-basis: ${left};`, subClass})\n } }\n if (isFlexBasis(width))
{\n arr.push({style: `flex-grow: ${width}; flex-shrink: 0; flex-basis: 0;`})\n } else if (isWidth(width)) {\n
arr.push({style: `flex-grow: 0; flex-shrink: 0; flex-basis: ${width};`})\n } }\n if (isLast) {\n arr.push({style: 'flex-
grow: 1; flex-shrink: 0; flex-basis: 0;', subClass})\n }\n return arr\n}\n\nexport function formatRows (rows =
DEFAULT_ROWS, subClass = 'box') {\n const rowArr = []\n rows.forEach(row => {\n let boxArr = []\n const
rowObj = {}\n // Add height\n rowObj.height = row.height\n // Add style\n row.bboxes.forEach((box, index)
=> {\n const isLast = index === row.bboxes.length - 1\n boxArr = boxArr.concat(getBoxStyle(box[0], box[1],
isLast, subClass))\n })\n rowObj.bboxes = boxArr\n rowArr.push(rowObj)\n })\n\n return rowArr\n}\n\nexport
default {\n isFlexBasis,\n isWidth,\n getBoxStyle,\n formatRows\n}\n", "<template>\n <div class=\"content-
placeholder\" v-once>\n <div class=\"content-placeholder__wrapper\" :style=\"{ backgroundSize: size }\">\n
<div class=\"content-placeholder__wrapper__row\" :style=\"{ height: row.height }\" v-for=\"(row, r) in
formattedRows\" :key=\"r\">\n <div :style=\"box.style\" v-for=\"(box, b) in row.bboxes\" :key=\"b\">\n
<div v-if=\"box.subClass\" :class=\"box.subClass\"></div>\n </div>\n </div>\n </div>\n
</div>\n</template>\n\n<script>\nimport { formatRows } from './utils/placeholder.js'\n\n/**\n * A component to
fill empty spaces with animated placeholders until content is loaded.\n */\nexport default {\n name:
'ContentPlaceholder',\n props: {\n /**\n * An array of lines describing a series of cell sizes and margin sizes.\n
*/\n rows: {\n type: Array\n },\n /**\n * The size of the background gradient with the elapsing effect.\n
*/\n size: {\n type: String,\n default: '250%\n } }\n },\n computed: {\n formattedRows () {\n return
formatRows(this.rows, 'content-placeholder__wrapper__row__box')\n } }\n}\n\n</script>\n\n<style scoped
lang=\"scss\">\n@import './styles/lib';\n\n@keyframes placeHolderShimmer{\n 0% {\n background-position:
100% 0\n }\n 100% {\n background-position: -100% 0\n } }\n\n.content-placeholder {\n overflow: hidden;\n
&__wrapper {\n animation-duration: 1s;\n animation-fill-mode: forwards;\n animation-iteration-count:
infinite;\n animation-name: placeHolderShimmer;\n animation-timing-function: linear;\n background:
#f6f7f8;\n background: linear-gradient(to right, #eeeeee 8%, #dddddd 18%, #eeeeee 33%);\n position:
relative;\n\n &__row {\n width: 100%;\n box-sizing: border-box;\n display: flex;\n flex: 0 1 auto;\n
flex-direction: row;\n flex-wrap: wrap;\n\n &__box {\n box-sizing: border-box;\n position: relative;\n
height: 100%;\n margin-bottom: 0;\n background-color: white;\n overflow: hidden;\n } }\n }\n}\n\n</style>\n", "import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./ContentPlaceholder.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-

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0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ContentPlaceholder.vue?vue&type=script&lang=js&"/>* globals __VUE_SSR_CONTEXT__ *^/n/n/
IMPORTANT: Do NOT use ES2015 features in this file (except for modules).\n// This module is a runtime utility
for cleaner component module output and will\n// be included in the final webpack user bundle.\n\nexport default
function normalizeComponent (\n scriptExports,\n render,\n staticRenderFns,\n functionalTemplate,\n
injectStyles,\n scopeId,\n moduleIdentifier, /* server only */\n shadowMode /* vue-cli only */\n) {\n //
Vue.extend constructor export interop\n var options = typeof scriptExports === 'function'\n ?
scriptExports.options\n : scriptExports\n\n // render functions\n if (render) {\n options.render = render\n
options.staticRenderFns = staticRenderFns\n options._compiled = true\n }\n\n // functional template\n if
(functionalTemplate) {\n options.functional = true\n }\n\n // scopedId\n if (scopeId) {\n options._scopeId =
'data-v-' + scopeId\n }\n\n var hook\n if (moduleIdentifier) { // server build\n hook = function (context) {\n //
2.3 injection\n context =\n context || // cached call\n (this.$vnode && this.$vnode.ssrContext) || //
stateful\n (this.parent && this.parent.$vnode && this.parent.$vnode.ssrContext) // functional\n // 2.2 with
runInNewContext: true\n if (!context && typeof __VUE_SSR_CONTEXT__ !== 'undefined') {\n context =
__VUE_SSR_CONTEXT__\n }\n // inject component styles\n if (injectStyles) {\n
injectStyles.call(this, context)\n }\n // register component module identifier for async chunk inference\n if
(context && context._registeredComponents) {\n context._registeredComponents.add(moduleIdentifier)\n
}\n }\n // used by ssr in case component is cached and beforeCreate\n // never gets called\n
options._ssrRegister = hook\n } else if (injectStyles) {\n hook = shadowMode\n ? function () {\n
injectStyles.call(this, this.$root.$options.shadowRoot) }\n : injectStyles\n }\n\n if (hook) {\n if
(options.functional) {\n // for template-only hot-reload because in that case the render fn doesn't\n // go
through the normalizer\n options._injectStyles = hook\n // register for functional component in vue file\n var
originalRender = options.render\n options.render = function renderWithStyleInjection (h, context) {\n
hook.call(context)\n return originalRender(h, context)\n }\n } else {\n // inject component registration as
beforeCreate hook\n var existing = options.beforeCreate\n options.beforeCreate = existing\n ?
[].concat(existing, hook)\n : [hook]\n }\n }\n\n return {\n exports: scriptExports,\n options: options\n
}\n}\n", "import { render, staticRenderFns } from
\"./ContentPlaceholder.vue?vue&type=template&id=40e3a912&scoped=true&\"\\nimport script from
\"./ContentPlaceholder.vue?vue&type=script&lang=js&\"\\nexport * from
\"./ContentPlaceholder.vue?vue&type=script&lang=js&\"\\nimport style0 from
\"./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&\"\\n\\n/*
normalize component */\\nimport normalizer from \"!../node_modules/vue-
loader/lib/runtime/componentNormalizer.js\"\\nvar component = normalizer(\n script,\n render,\n
staticRenderFns,\n false,\n null,\n \"40e3a912\", \n null\n)\n\ncomponent.options.__file =
\"ContentPlaceholder.vue\"\\nexport default component.exports\", \"var render = function () { var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{ staticClass:\"donate-form container-fluid py-
2\"},[(!_vm.noTitle)?_c('h2',{ staticClass:\"text-uppercase font-weight-bold text-primary h5\"},[_vm._v(\"\\n
\\n+_vm._s(_vm.$t('donate-form.support'))+\"\\n
\\n\"))]:_vm._e(),_vm._t('introduction\"],[_c('p',{ domProps:{\"innerHTML\":_vm._s(_vm.$t('donate-
form.introduction'))}]))],_c('div',{ staticClass:\"donate-form__payment mb-4\"},[_c('form',{ staticClass:\"donate-
form__payment__form bg-light p-
4\",attrs:{\"action\": \"//checkout.fundjournalism.org/memberform\", \"method\": \"get\", \"target\": \"_blank\" }},[_c('h3
',{ staticClass:\"donate-form__payment__title h5 mb-4\"},[_c('strong',[_vm._v(\"\\n
\\n+_vm._s(_vm.$t('donate-form.join-heading'))+\"\\n
\\n\"))])),_c('div',[_c('span',[_vm._v(_vm._s(_vm.$t('donate-
form.label'))+\" \\n\"))],_c('label',{ staticClass:\"donate-form__payment__unit input-group input-group-sm d-inline-
flex\"},[_vm._m(0),_c('input',{ directives:[{ name: \"model\", rawName: \"v-
model\", value: (_vm.amount), expression: \"amount\" }],staticClass:\"donate-form__payment__input form-
control\",attrs:{\"name\": \"amount\", \"type\": \"number\", \"min\": \"0\"},domProps:{\"value\": (_vm.amount)},on: {\"c

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hange\":function($event){_vm.amountIsPristine = false},\"input\":function($event){if($event.target.composing){
return; }_vm.amount=$event.target.value } })),_c('span',{staticClass:\\"donate-
form__payment__buttons\"}),[_c('button',{staticClass:\\"btn btn-sm\",class:{ 'btn-primary': _vm.installmentPeriod
=== 'monthly' },attrs:{\"type\":"button\"},on:{\"click\":function($event){_vm.installmentPeriod =
'monthly' } }},[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-form.frequency.monthly')))+\\\"\\n
\\\")),_c('button',{staticClass:\\"btn btn-sm\",class:{ 'btn-primary': _vm.installmentPeriod === 'yearly'
},attrs:{\"type\":"button\"},on:{\"click\":function($event){_vm.installmentPeriod = 'yearly' } }},[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-form.frequency.yearly')))+\\\"\\n
\\\")),_c('button',{staticClass:\\"btn btn-sm\",class:{
'btn-primary': _vm.installmentPeriod === null
},attrs:{\"type\":"button\"},on:{\"click\":function($event){_vm.installmentPeriod = null } }},[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-form.frequency.onetime')))+\\\"\\n
\\\")))]),(_vm.changeThe)?_c('p',{staticClass:\\"mt-2\",domProps:{\"innerHTML\":_vm._s(_vm.$t('donate-
form.result.sentence', { target: _vm.changeThe } ))}):_vm._e(),_c('div',{staticClass:\\"mt-
4\"}),[_c('input',{attrs:{\"name\":"org_id\",\"value\":"icij\",\"type\":"hidden\" } }},_c('input',{directives:[{ name:\\"mo
del\",rawName:\\"v-
model\",value:(_vm.installmentPeriod),expression:\\"installmentPeriod\"}],attrs:{\"name\":"installmentPeriod\",\"ty
pe\":"hidden\"},domProps:{\"value\":(_vm.installmentPeriod)},on:{\"input\":function($event){if($event.target.com
posing){ return; }_vm.installmentPeriod=$event.target.value } })),_c('button',{staticClass:\\"btn btn-primary rounded-
pill text-uppercase font-weight-bold\",attrs:{\"type\":"submit\" }},[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-
form.submit')))+\\\"\\n
\\\")),_c('a',{staticClass:\\"donate-
form__payment__image\",attrs:{\"target\":"_blank\",\"href\":"https://icij.org/donate\" } }))])),_c('div',{staticClass:\
donate-form__insider\"}),[_c('h2',{staticClass:\\"donate-form__insider__title\"}),[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-form.benefits.heading')))+\\\"\\n
\\\")),_c('p',[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-
form.benefits.introduction')))+\\\"\\n
\\\")),_c('div',{staticClass:\\"donate-form__insider__modal__container
row\"}),[_c('div',{staticClass:\\"col\"}),[_c('h3',{staticClass:\\"donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\"}),[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.conversation.heading')))+\\\"\\n
\\\")),_c('div',{staticClass:\\"Article\"}),[_c('div',[_c('p',{staticClass:\\"donate-form__insider__highlight text-icij font-
weight-bold\"}),[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.conversation.highlight')))+\\\"\\n
\\\")),_c('ul',{staticClass:\\"donate-
form__insider__list\"}),_vm._l((_vm.$t('donate-form.benefits.impacts.conversation.list')),function(t){return
_c('li',{staticClass:\\"donate-form__insider__list-item\"}),[_vm._v(\\"\\n
    \"+_vm._s(t)+\\\"\\n
\\\")))])))])),_c('div',{staticClass:\\"col\"}),[_c('h3',{staticClass:\\"donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\"}),[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.rules.heading')))+\\\"\\n
\\\")),_c('div',{staticClass:\\"Article\"}),[_c('div',[_c('p',{staticClass:\\"donate-form__insider__highlight text-icij font-
weight-bold\"}),[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-form.benefits.impacts.rules.highlight')))+\\\"\\n
\\\")),_c('ul',{staticClass:\\"donate-form__insider__list\"}),_vm._l((_vm.$t('donate-
form.benefits.impacts.rules.list')),function(t){return _c('li',{staticClass:\\"donate-form__insider__list-
item\"}),[_vm._v(\\"\\n
    \"+_vm._s(t)+\\\"\\n
\\\")))])))])),_c('div',{staticClass:\\"col\"}),[_c('h3',{staticClass:\\"donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\"}),[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.world.heading')))+\\\"\\n
\\\")),_c('div',{staticClass:\\"Article\"}),[_c('div',[_c('p',{staticClass:\\"donate-form__insider__highlight text-icij font-
weight-bold\"}),[_vm._v(\\"\\n
    \"+_vm._s(_vm.$t('donate-form.benefits.impacts.world.highlight')))+\\\"\\n
\\\")),_c('ul',{staticClass:\\"donate-form__insider__list\"}),_vm._l((_vm.$t('donate-
form.benefits.impacts.world.list')),function(t){return _c('li',{staticClass:\\"donate-form__insider__list-
item\"}),[_vm._v(\\"\\n
    \"+_vm._s(t)+\\\"\\n
\\\")))])))])))]),_c('hr',{staticClass:\\"donate-

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form__insider__separator"}),_c('div',{staticClass:"donate-form__insider__more text-
center"}),[_c('a',{staticClass:"btn btn-primary rounded-pill text-uppercase font-weight-bold py-
2",attrs:{"target": "_blank","href": "https://icij.org/donate"}),[_vm._v("\n    "+_vm._s(_vm.$t('donate-
form.benefits.more'))+"\n    ")]])),2)}\nvar staticRenderFns = [function () {var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('span',{staticClass:"input-group-
prepend"}),[_c('span',{staticClass:"input-group-text"}),[_vm._v("$")]])]\n\nexport { render, staticRenderFns
}";<template>\n <div class="donate-form container-fluid py-2">\n <h2 class="text-uppercase font-weight-bold
text-primary h5" v-if="!noTitle">\n {{ $t('donate-form.support') }}\n </h2>\n <!-- @slot Description of the
form (bellow the title). -->\n <slot name="introduction">\n <p v-html="$t('donate-
form.introduction')"></p>\n </slot>\n <div class="donate-form__payment mb-4">\n <form
action="//checkout.fundjournalism.org/memberform" method="get" target="_blank" class="donate-
form__payment__form bg-light p-4">\n <h3 class="donate-form__payment__title h5 mb-4">\n
<strong>\n {{ $t('donate-form.join-heading') }}\n </strong>\n </h3>\n <div>\n
<span>{{ $t('donate-form.label') }}&nbsp;</span>\n <label class="donate-form__payment__unit input-
group input-group-sm d-inline-flex">\n <span class="input-group-prepend">\n <span
class="input-group-text">$</span>\n </span>\n <input class="donate-form__payment__input
form-control" name="amount" v-model="amount" @change="amountIsPristine = false" type="number"
min="0">\n </label>\n <span class="donate-form__payment__buttons">\n <button
type="button" class="btn btn-sm" :class="{ 'btn-primary': installmentPeriod === 'monthly' }"
@click="installmentPeriod = 'monthly'">\n {{ $t('donate-form.frequency.monthly') }}\n
</button>\n <button type="button" class="btn btn-sm" :class="{ 'btn-primary': installmentPeriod ===
'yearly' }" @click="installmentPeriod = 'yearly'">\n {{ $t('donate-form.frequency.yearly') }}\n
</button>\n <button type="button" class="btn btn-sm" :class="{ 'btn-primary': installmentPeriod ===
null }" @click="installmentPeriod = null">\n {{ $t('donate-form.frequency.onetime') }}\n
</button>\n </span>\n </div>\n <p v-if="changeThe" class="mt-2" v-html="$t('donate-
form.result.sentence', { target: changeThe })"></p>\n <div class="mt-4">\n <input name="org_id"
value="icij" type="hidden">\n <input name="installmentPeriod" v-model="installmentPeriod"
type="hidden">\n <button type="submit" class="btn btn-primary rounded-pill text-uppercase font-weight-
bold">\n {{ $t('donate-form.submit') }}\n </button>\n <a target="_blank"
href="https://icij.org/donate" class="donate-form__payment__image"></a>\n </div>\n </form>\n
</div>\n <div class="donate-form__insider">\n <h2 class="donate-form__insider__title">\n {{
$t('donate-form.benefits.heading') }}\n </h2>\n <p>\n {{ $t('donate-form.benefits.introduction') }}\n
</p>\n <div class="donate-form__insider__modal__container row">\n <div class="col">\n <h3
class="donate-form__insider__subtitle text-uppercase font-weight-bold text-primary h5">\n {{
$t('donate-form.benefits.impacts.conversation.heading') }}\n </h3>\n <div class="Article">\n
<div>\n <p class="donate-form__insider__highlight text-icij font-weight-bold">\n
{{ $t('donate-form.benefits.impacts.conversation.highlight') }}\n </p>\n <ul
class="donate-form__insider__list">\n <li class="donate-form__insider__list-item" v-for="t in
$t('donate-form.benefits.impacts.conversation.list')">\n {{ t }}\n </li>\n
</ul>\n </div>\n </div>\n </div>\n <div class="col">\n <h3 class="donate-
form__insider__subtitle text-uppercase font-weight-bold text-primary h5">\n {{ $t('donate-
form.benefits.impacts.rules.heading') }}\n </h3>\n <div class="Article">\n <div>\n
<p class="donate-form__insider__highlight text-icij font-weight-bold">\n {{ $t('donate-
form.benefits.impacts.rules.highlight') }}\n </p>\n <ul class="donate-
form__insider__list">\n <li class="donate-form__insider__list-item" v-for="t in $t('donate-
form.benefits.impacts.rules.list')">\n {{ t }}\n </li>\n </ul>\n
</div>\n </div>\n </div>\n <div class="col">\n <h3 class="donate-
form__insider__subtitle text-uppercase font-weight-bold text-primary h5">\n {{ $t('donate-

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form.benefits.impacts.world.heading') }}\n      </h3>\n      <div class=\"Article\"\n      <div>\n        <p class=\"donate-form__insider__highlight text-icij font-weight-bold\"\n        {{ $(('donate-
form.benefits.impacts.world.highlight') }}\n      </p>\n      <ul class=\"donate-
form__insider__list\"\n      <li class=\"donate-form__insider__list-item\" v-for=\"t in $(('donate-
form.benefits.impacts.world.list')\"\n      {{ t }}\n      </li>\n      </ul>\n
</div>\n      </div>\n      </div>\n      </div>\n      <hr class=\"donate-form__insider__separator\"\n      <div
class=\"donate-form__insider__more text-center\"\n      <a target=\"_blank\" href=\"https://icij.org/donate\"
class=\"btn btn-primary rounded-pill text-uppercase font-weight-bold py-2\"\n      {{ $(('donate-
form.benefits.more') }}\n      </a>\n      </div>\n      </div>\n      </div>\n</template>\n<script>\n  import i18n from
'@/i18n'\n  import keys from 'lodash/keys'\n  import map from 'lodash/map'\n  import sortBy from 'lodash/sortBy'\n
import forEach from 'lodash/forEach'\n  import config from './config'\n  /**\n   * A form to encourage donations.
We usually put this form inside a modal\n   *\n   export default {\n    i18n,\n    name: 'DonateForm',\n    props: {\n
/**\n     * Title of the form.\n     *\n     noTitle: {\n      type: Boolean\n    },\n    /**\n     * Description of the
form (bellow the title).\n     *\n     introduction: {\n      type: String,\n      default: () => config.get('donate-
form.introduction')\n    },\n    data() {\n      return {\n        amount: 15,\n        // True if the amount wasn't
changed by the user yet\n        amountIsPristine: true,\n        installmentPeriod: 'monthly',\n        labelForChange: {\n
      'monthly': {\n        3: this.$t('donate-form.result.conversation'),\n        15: this.$t('donate-
form.result.rules'),\n        50: this.$t('donate-form.result.world')\n      },\n        'yearly': {\n        35:
this.$t('donate-form.result.conversation'),\n        180: this.$t('donate-form.result.rules'),\n        600:
this.$t('donate-form.result.world')\n      }\n    },\n    watch: {\n      installmentPeriod
(installmentPeriod) {\n        if (!this.amountIsPristine) {\n          return\n        }\n        if (installmentPeriod ===
'monthly') {\n          this.$set(this, 'amount', 15)\n        } else {\n          this.$set(this, 'amount', 100)\n        }\n
      },\n      computed: {\n        changeThe () {\n          const ranges = this.labelForChange[this.installmentPeriod ||
'yearly'];\n          // Final label\n          let label = null;\n          forEach(sortBy(map(keys(ranges), Number)), amount =>
{\n            label = this.amount >= amount ? ranges[amount] : label;\n          });\n          return label;\n        }\n      }\n
    }\n  }\n</script>\n<style lang=\"scss\"\n  @import './styles/lib.scss';\n  .donate-form {\n    font-size: 0.9rem;\n\n
  &__payment {\n\n    &__unit {\n      width: 120px;\n      margin-right: $spacer;\n\n    @media screen and
(max-width: $modal-lg) {\n      width: 100%;\n      flex: 0 0 100%;\n    }\n  }\n\n  &__insider {\n\n    &__list {\n
padding-left: 20px;\n\n    &-item {\n      position: relative;\n      margin: 3px 0;\n      list-
style: none;\n\n      &:before {\n        content: '\\2713';\n        position: absolute;\n        left: -16px;\n
font-size: 14px;\n        font-weight: 700;\n        color: #333;\n        font-family: $font-family-sans-serif;\n
      }\n    }\n  }\n\n  &__modal__container .col {\n    @media screen and (max-width: $modal-lg) {\n
width: 100%;\n    flex: 0 0 100%;\n  }\n}\n}\n</style>\n", "import mod from \"-
!./node_modules/cache-loader/dist/cjs.js??ref--12-0!./node_modules/thread-
loader/dist/cjs.js!./node_modules/babel-loader/lib/index.js!./node_modules/cache-loader/dist/cjs.js??ref--0-
0!./node_modules/vue-loader/lib/index.js??vue-loader-options!./DonateForm.vue?vue&type=script&lang=js&\";
export default mod; export * from \"-!./node_modules/cache-loader/dist/cjs.js??ref--12-
0!./node_modules/thread-loader/dist/cjs.js!./node_modules/babel-loader/lib/index.js!./node_modules/cache-
loader/dist/cjs.js??ref--0-0!./node_modules/vue-loader/lib/index.js??vue-loader-
options!./DonateForm.vue?vue&type=script&lang=js&\";\", \"import { render, staticRenderFns } from
\"./DonateForm.vue?vue&type=template&id=4fe5468d&\";\"import script from
\"./DonateForm.vue?vue&type=script&lang=js&\";\"export * from
\"./DonateForm.vue?vue&type=script&lang=js&\";\"import style0 from
\"./DonateForm.vue?vue&type=style&index=0&lang=scss&\";\"normalize component *\nimport normalizer
from \"!./node_modules/vue-loader/lib/runtime/componentNormalizer.js\";\"var component = normalizer(\n
script,\n render,\n staticRenderFns,\n false,\n null,\n null,\n null\n)\n\ncomponent.options.__file =
\"./DonateForm.vue\";\"export default component.exports\", \"var render = function () { var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{ staticClass:\"embeddable-footer p-2 text-

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nowrap\"},[_c('a',{staticClass:\"text-white embeddable-
footer__brand\",attrs:{\"href\":_vm.homeUrl,\"target\":_\"_blank\"}},[_c('img',{staticClass:\"mr-
2\",attrs:{\"src\":require(\"../assets/images/icij-white@2x.png\"),\"height\":20}),_vm._v(\"\\n
\\'+_vm._s(_vm.title)+\\\"\\n \\\")),_c('div',{staticClass:\"embeddable-footer__lead small text-
truncate\",domProps:{\"innerHTML\":_vm._s(_vm.lead)}),_c('button',{staticClass:\"btn btn-link text-white btn-sm
py-0 embeddable-footer__share-btn\",class:{ active:_vm.showShareOptions
},on:{\"click\":function($event){_vm.showShareOptions =
!_vm.showShareOptions}}},[_c('fa',{attrs:{\"icon\":'share-alt'}),_c('span',{staticClass:\"sr-
only\"},[_vm._v(_vm._s(_vm.$t('embeddable-footer.share')))]),1),(_vm.showShareOptions)?_c('sharing-
options',{attrs:{\"values\":_vm.sharingOptionsValues,\"direction\":'column-reverse\"},\"iframe-min-
height\":_vm.iframeMinHeight,\"iframe-min-width\":_vm.iframeMinWidth}):_vm._e(),1)\\nvar staticRenderFns
= []\\n\\nexport { render, staticRenderFns }\",/**\\n * @this {Promise}\\n *\\nfunction finallyConstructor(callback) {\\n
var constructor = this.constructor;\\n return this.then(\\n function(value) {\\n return
constructor.resolve(callback()).then(function() {\\n return value;\\n });\\n },\\n function(reason) {\\n
return constructor.resolve(callback()).then(function() {\\n return constructor.reject(reason);\\n });\\n }\\n
);\\n}\\n\\nexport default finallyConstructor;\\n\",import promiseFinally from './finally';\\n\\n// Store setTimeout
reference so promise-polyfill will be unaffected by\\n// other code modifying setTimeout (like
sinon.useFakeTimers())\\nvar setTimeoutFunc = setTimeout;\\n\\nfunction noop() {}\\n\\n// Polyfill for
Function.prototype.bind\\nfunction bind(fn, thisArg) {\\n return function() {\\n fn.apply(thisArg, arguments);\\n
};\\n}\\n\\n/**\\n * @constructor\\n * @param {Function} fn\\n *\\nfunction Promise(fn) {\\n if (!(this instanceof
Promise))\\n throw new TypeError('Promises must be constructed via new');\\n if (typeof fn !== 'function') throw
new TypeError('not a function');\\n /** @type {!number} */\\n this._state = 0;\\n /** @type {!boolean} */\\n
this._handled = false;\\n /** @type {Promise|undefined} */\\n this._value = undefined;\\n /** @type
{!Array<!Function>} */\\n this._deferreds = [];\\n\\n doResolve(fn, this);\\n}\\n\\nfunction handle(self, deferred) {\\n
while (self._state === 3) {\\n self = self._value;\\n }\\n if (self._state === 0) {\\n self._deferreds.push(deferred);\\n
return;\\n }\\n self._handled = true;\\n Promise._immediateFn(function() {\\n var cb = self._state === 1 ?
deferred.onFulfilled : deferred.onRejected;\\n if (cb === null) {\\n (self._state === 1 ? resolve :
reject)(deferred.promise, self._value);\\n return;\\n }\\n var ret;\\n try {\\n ret = cb(self._value);\\n } catch
(e) {\\n reject(deferred.promise, e);\\n return;\\n }\\n resolve(deferred.promise, ret);\\n });\\n}\\n\\nfunction
resolve(self, newValue) {\\n try {\\n // Promise Resolution Procedure: https://github.com/promises-aplus/promises-
spec#the-promise-resolution-procedure\\n if (newValue === self)\\n throw new TypeError('A promise cannot be
resolved with itself.');// if (\\n newValue &&\\n (typeof newValue === 'object' || typeof newValue ===
'function')\\n ) {\\n var then = newValue.then;\\n if (newValue instanceof Promise) {\\n self._state = 3;\\n
self._value = newValue;\\n finale(self);\\n return;\\n } else if (typeof then === 'function') {\\n
doResolve(bind(then, newValue), self);\\n return;\\n }\\n }\\n self._state = 1;\\n self._value = newValue;\\n
finale(self);\\n } catch (e) {\\n reject(self, e);\\n }\\n}\\n\\nfunction reject(self, newValue) {\\n self._state = 2;\\n
self._value = newValue;\\n finale(self);\\n}\\n\\nfunction finale(self) {\\n if (self._state === 2 &&
self._deferreds.length === 0) {\\n Promise._immediateFn(function() {\\n if (!self._handled) {\\n
Promise._unhandledRejectionFn(self._value);\\n }\\n });\\n }\\n}\\n for (var i = 0, len = self._deferreds.length; i <
len; i++) {\\n handle(self, self._deferreds[i]);\\n }\\n self._deferreds = null;\\n}\\n\\n/**\\n * @constructor\\n
*\\nfunction Handler(onFulfilled, onRejected, promise) {\\n this.onFulfilled = typeof onFulfilled === 'function' ?
onFulfilled : null;\\n this.onRejected = typeof onRejected === 'function' ? onRejected : null;\\n this.promise =
promise;\\n}\\n\\n/**\\n * Take a potentially misbehaving resolver function and make sure\\n * onFulfilled and
onRejected are only called once.\\n *\\n * Makes no guarantees about asynchrony.\\n *\\nfunction doResolve(fn, self)
{\\n var done = false;\\n try {\\n fn(\\n function(value) {\\n if (done) return;\\n done = true;\\n
resolve(self, value);\\n },\\n function(reason) {\\n if (done) return;\\n done = true;\\n reject(self,
reason);\\n }\\n );\\n } catch (ex) {\\n if (done) return;\\n done = true;\\n reject(self, ex);\\n
}\\n}\\n\\nPromise.prototype['catch'] = function(onRejected) {\\n return this.then(null,

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onRejected);};\n\nPromise.prototype.then = function(onFulfilled, onRejected) {\n // @ts-ignore\n var prom =
new this.constructor(noop);\n\n handle(this, new Handler(onFulfilled, onRejected, prom));\n return
prom;\n};\n\nPromise.prototype['finally'] = promiseFinally;\n\nPromise.all = function(arr) {\n return new
Promise(function(resolve, reject) {\n if (!arr || typeof arr.length === 'undefined')\n throw new
TypeError('Promise.all accepts an array');\n var args = Array.prototype.slice.call(arr);\n if (args.length === 0)
return resolve([]);\n var remaining = args.length;\n\n function res(i, val) {\n try {\n if (val && (typeof val
=== 'object' || typeof val === 'function')) {\n var then = val.then;\n if (typeof then === 'function') {\n
then.call(\n val,\n function(val) {\n res(i, val);\n },\n reject\n );\n
return;\n } }\n args[i] = val;\n if (--remaining === 0) {\n resolve(args);\n } }\n
catch (ex) {\n reject(ex);\n } }\n }\n\n for (var i = 0; i < args.length; i++) {\n res(i, args[i]);\n }\n
});\n};\n\nPromise.resolve = function(value) {\n if (value && typeof value === 'object' && value.constructor ===
Promise) {\n return value;\n }\n\n return new Promise(function(resolve) {\n resolve(value);\n
});\n};\n\nPromise.reject = function(value) {\n return new Promise(function(resolve, reject) {\n reject(value);\n
});\n};\n\nPromise.race = function(values) {\n return new Promise(function(resolve, reject) {\n for (var i = 0, len
= values.length; i < len; i++) {\n values[i].then(resolve, reject);\n } }\n});\n};\n\n// Use polyfill for
setImmediate for performance gains\nPromise._immediateFn =\n (typeof setImmediate === 'function' &&\n
function(fn) {\n setImmediate(fn);\n }) ||\n function(fn) {\n setTimeoutFunc(fn, 0);\n
});\n\nPromise._unhandledRejectionFn = function _unhandledRejectionFn(err) {\n if (typeof console !== 'undefined'
&& console) {\n console.warn('Possible Unhandled Promise Rejection:', err); // eslint-disable-line no-console\n
}\n};\n\nexport default Promise;\n", "import memoize from 'lodash/memoize'\nimport flatten from
'lodash/flatten'\nimport Promise from 'promise-polyfill';\n\nexport const injectAsset = memoize(function(file) {\n
return new Promise(resolve => {\n const parent = document.querySelector("body") ||
document.querySelector("head");\n const parts = file.split(".");\n const ext = parts[parts.length-
1].toLowerCase();\n switch(ext) {\n case "js":\n var script = document.createElement('script');\n
script.setAttribute("type", "text/javascript");\n script.onload = resolve\n parent.appendChild(script);\n
script.setAttribute("src", file);\n break;\n case "css":\n var css = document.createElement('link');\n
css.setAttribute("rel", "stylesheet");\n css.setAttribute("type", "text/css");\n css.onload = resolve\n
parent.appendChild(css);\n css.setAttribute("href", file);\n break;\n } }\n});\n\nexport const
injectAssets = function() {\n const files = flatten(arguments)\n return new Promise(resolve => {\n var
filesLoaded = 0;\n var allFilesLoaded = function() {\n if(++filesLoaded == files.length) {\n resolve();\n
}\n }\n for(var i=0; i < files.length ; i++) {\n injectAsset(files[i]).then(allFilesLoaded)\n }\n
})\n});\n\n", "import every from 'lodash/every'\nimport { injectAssets } from './assets'\n// Will hold the pym instance
once\nvar pymChild = null\n// URL parameters generated by Pym\nconst pymParams = ['initialWidth', 'childId',
'parentUrl', 'parentTitle']\n\nexport default class IFrameResizer {\n constructor () {\n this.initializer =
injectAssets('//pym.nprapps.org/pym.v1.min.js').then(() => {\n pymChild = pymChild || new
window.pym.Child({ polling: 300 })\n return pymChild\n })\n return this.initializer\n }\n\n sendHeight () {\n
this.initializer.then(pymChild => pymChild.sendHeight())\n }\n\n static create () {\n return new IFrameResizer()\n
}\n\n static template(url, id = 'icij-' + Date.now().toString(32)) {\n return [\n `<script type="text/javascript"
src="https://pym.nprapps.org/pym.v1.min.js"></script>`,\n `<div id="\${id}"></div>`,\n `<script>`,\n
`var icijIframe = new pym.Parent("\${id}", "\${IFrameResizer.deletePymParams(url)}", {}`,\n `</script>`,\n
].join("\n")\n }\n\n static deletePymParams(href = window.location.href) {\n const url = new URL(href);\n //
Remove all unwanted param\n for (let param of pymParams) url.searchParams.delete(param);\n // Rebuild the
URL\n return url.href\n }\n\n static isEmbedded (href = window.location.href) {\n const url = new URL(href);\n
return every(pymParams, param => url.searchParams.has(param))\n }\n}\n\n", "var render = function () {var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:"sharing-
options",style:_vm.style}),[_c('social-sharing',{_vm._b({inlineTemplate:{render:function(){var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:"sharing-
options__link",attrs:{\"network\":\"twitter\"}}),[_c('fa',{attrs:{\"icon\":\"fab\",'twitter'}})],_c('span',{staticClass:\"sr-

```

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only\',[_vm._v("Share on Twitter\")]],1)},staticRenderFns:[]},'social-
sharing',_vm.valuesFor('twitter',false)),_c('social-sharing',_vm._b({inlineTemplate:{render:function(){var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:"sharing-
options__link",attrs:{\"network\":\"facebook\"}},[_c('fa',{attrs:{\"icon\":\"fab',
'facebook'}})],_c('span',{staticClass:"sr-only\"},[_vm._v("Share on
Facebook\")]],1)},staticRenderFns:[]},'social-sharing',_vm.valuesFor('facebook',false)),_c('social-
sharing',_vm._b({inlineTemplate:{render:function(){var _vm=this;var _h=_vm.$createElement;var
_c=_vm._self._c||_h;return _c('network',{staticClass:"sharing-
options__link",attrs:{\"network\":\"linkedin\"}},[_c('fa',{attrs:{\"icon\":\"fab',
'linkedin'}})],_c('span',{staticClass:"sr-only\"},[_vm._v("Share on LinkedIn\")]],1)},staticRenderFns:[]},'social-
sharing',_vm.valuesFor('linkedin',false)),_c('social-sharing',_vm._b({inlineTemplate:{render:function(){var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:"sharing-
options__link",attrs:{\"network\":\"email\"}},[_c('fa',{attrs:{\"icon\":\"envelope\"}})],_c('span',{staticClass:"sr-
only\"},[_vm._v("Share by email\")]],1)},staticRenderFns:[]},'social-
sharing',_vm.valuesFor('email',false)),_c('div',{directives:[{name:"show",rawName:"v-
show",value:(!_vm.noEmbed),expression:"!noEmbed\"}],staticClass:"sharing-
options__link\"},[_c('a',{on:{\"click\":_vm.showEmbedForm}},[_c('fa',{attrs:{\"icon\":\"code\"}})],_c('span',{static
Class:"sr-only\"},[_vm._v("Embed\")]],1)),_c('b-modal',{ref:"embedForm",staticClass:"text-
dark\",attrs:{\"hide-footer\":\"\", \"title\":\"Embed on your website\"}},[_c('embed-form',{attrs:{\"no-title\":\"\", \"no-
preview\":\"\", \"min-height\":_vm.iframeMinHeight, \"min-width\":_vm.iframeMinWidth}})],1),1)}\n\nvar
staticRenderFns = []\n\nexport { render, staticRenderFns }\", \"var
__assign=function(){return(__assign=Object.assign||function(e){for(var a,s=1,t=arguments.length;s<t;s++)for(var r
in a=arguments[s])Object.prototype.hasOwnProperty.call(a,r)&&(e[r]=a[r]);return
e}).apply(this,arguments)};function mergeData(){for(var e,a,s={ },t=arguments.length;t--);for(var
r=0,c=Object.keys(arguments[t]);r<c.length;r++)switch(e=c[r]){case\"class\":case\"style\":case\"directives\":Array.i
sArray(s[e])||s[e]=[],s[e]=s[e].concat(arguments[t][e]);break;case\"staticClass\":if(!arguments[t][e])break;void
0===s[e]&&(s[e]=\"\"),s[e]&&(s[e]+=\"
\\\"),s[e]+=arguments[t][e].trim();break;case\"on\":case\"nativeOn\":s[e]||(s[e]={ });for(var
n=0,o=Object.keys(arguments[t][e]||{ });n<o.length;n++)a=o[n],s[e][a]?s[e][a]=[].concat(s[e][a],arguments[t][e][a]):
s[e][a]=arguments[t][e][a];break;case\"attrs\":case\"props\":case\"domProps\":case\"scopedSlots\":case\"staticStyle\
\":case\"hook\":case\"transition\":s[e]||(s[e]={ },s[e]=__assign({ },arguments[t][e],s[e]);break;case\"slot\":case\"key\
\":case\"ref\":case\"tag\":case\"show\":case\"keepAlive\":default:s[e]||(s[e]=arguments[t][e])}return
s}export{mergeData};\n\n// sourceMappingURL=lib.esm.js.map\n\n\", \"/*\n * Aliasing Object[method] allows the
minifier to shorten methods to a single character variable,\n * as well as giving BV a chance to inject polyfills.\n *
As long as we avoid\n * - import * as Object from \"utils/object\"\n * all unused exports should be removed by tree-
shaking.\n * ^\n\n// @link https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Reference/Global_Objects/Object/assign\n\nif (typeof Object.assign !== 'function') {\n
Object.assign = function (target, varArgs) {\n // .length of function is 2\n\n if (target == null) {\n // TypeError
if undefined or null\n throw new TypeError('Cannot convert undefined or null to object');\n }\n\n var to =
Object(target);\n\n for (var index = 1; index < arguments.length; index++) {\n var nextSource =
arguments[index];\n\n if (nextSource !== null) {\n // Skip over if undefined or null\n for (var nextKey in
nextSource) {\n // Avoid bugs when hasOwnProperty is shadowed\n if
(Object.prototype.hasOwnProperty.call(nextSource, nextKey)) {\n to[nextKey] = nextSource[nextKey];\n
}\n }\n }\n }\n return to;\n };\n\n\n// @link https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Reference/Global_Objects/Object/is#Polyfill\n\nif (!Object.is) {\n Object.is = function (x,
y) {\n // SameValue algorithm\n if (x === y) {\n // Steps 1-5, 7-10\n // Steps 6.b-6.e: +0 !== -0\n return
x !== 0 || 1 / x === 1 / y;\n } else {\n // Step 6.a: NaN == NaN\n // eslint-disable-next-line no-self-
compare\n return x !== x && y !== y;\n }\n };\n\n\nexport var assign = Object.assign;\nexport var

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getOwnPropertyNames = Object.getOwnPropertyNames;\nexport var keys = Object.keys;\nexport var
defineProperties = Object.defineProperties;\nexport var defineProperty = Object.defineProperty;\nexport var freeze
= Object.freeze;\nexport var getOwnPropertyDescriptor = Object.getOwnPropertyDescriptor;\nexport var
getOwnPropertySymbols = Object.getOwnPropertySymbols;\nexport var getPrototypeOf =
Object.getPrototypeOf;\nexport var create = Object.create;\nexport var isFrozen = Object.isFrozen;\nexport var is =
Object.is;\n\nexport function readonlyDescriptor() {\n  return { enumerable: true, configurable: false, writable: false
};\n}\n\n// Production steps of ECMA-262, Edition 6, 22.1.2.1\n// es6-ified by @alexsasharegan\nif (!Array.from) {\n  Array.from = function () {\n    var toStr = Object.prototype.toString;\n    var isCallable = function isCallable(fn) {\n      return typeof fn === 'function' || toStr.call(fn) === '[object Function]';\n    };\n    var toInteger = function
toInteger(value) {\n      var number = Number(value);\n      if (isNaN(number)) {\n        return 0;\n      }\n      if
(number === 0 || !isFinite(number)) {\n        return number;\n      }\n      return (number > 0 ? 1 : -1) *
Math.floor(Math.abs(number));\n    };\n    var maxSafeInteger = Math.pow(2, 53) - 1;\n    var toLength = function
toLength(value) {\n      return Math.min(Math.max(toInteger(value), 0), maxSafeInteger);\n    };\n    // The length
property of the from method is 1.\n    return function from(arrayLike /*, mapFn, thisArg */) {\n      // 1. Let C be the
this value.\n      var C = this;\n      // 2. Let items be ToObject(arrayLike).\n      var items = Object(arrayLike);\n      // 3. ReturnIfAbrupt(items).\n      if (arrayLike == null) {\n        throw new TypeError('Array.from requires an
array-like object - not null or undefined');\n      }\n      // 4. If mapfn is undefined, then let mapping be false.\n      var mapFn = arguments.length > 1 ? arguments[1] : void undefined;\n      var T = void 0;\n      if (typeof mapFn
!== 'undefined') {\n        // 5. else\n        // 5. a If IsCallable(mapfn) is false, throw a TypeError exception.\n        if
(!isCallable(mapFn)) {\n          throw new TypeError('Array.from: when provided, the second argument must be a
function');\n        }\n        // 5. b. If thisArg was supplied, let T be thisArg; else let T be undefined.\n        if
(arguments.length > 2) {\n          T = arguments[2];\n        }\n      }\n      // 10. Let lenValue be Get(items,
'length').\n      // 11. Let len be ToLength(lenValue).\n      var len = toLength(items.length);\n      // 13. If
IsConstructor(C) is true, then\n      // 13. a. Let A be the result of calling the [[Construct]] internal method\n      // of
C with an argument list containing the single item len.\n      // 14. a. Else, Let A be ArrayCreate(len).\n      var A =
isCallable(C) ? Object(new C(len)) : new Array(len);\n      // 16. Let k be 0.\n      var k = 0;\n      // 17. Repeat,
while k < len... (also steps a - h)\n      var kValue = void 0;\n      while (k < len) {\n        kValue = items[k];\n        if
(mapFn) {\n          A[k] = typeof T === 'undefined' ? mapFn(kValue, k) : mapFn.call(T, kValue, k);\n        } else {\n
          A[k] = kValue;\n        }\n        k += 1;\n      }\n      // 18. Let putStatus be Put(A, 'length', len, true).\n
A.length = len;\n      // 20. Return A.\n      return A;\n    };\n  };\n}\n\n// https://tc39.github.io/ecma262/#sec-
array.prototype.find\n// Needed for IE support\nif (!Array.prototype.find) {\n  // eslint-disable-next-line no-extend-
native\n  Object.defineProperty(Array.prototype, 'find', {\n    value: function value(predicate) {\n      // 1. Let O be ?
ToObject(this value).\n      if (this == null) {\n        throw new TypeError('"this" is null or not defined');\n      }\n      var o = Object(this);\n      // 2. Let len be ? ToLength(? Get(O, 'length')).\n      var len = o.length >>> 0;\n      // 3. If IsCallable(predicate) is false, throw a TypeError exception.\n      if (typeof predicate !== 'function') {\n        throw new TypeError('predicate must be a function');\n      }\n      // 4. If thisArg was supplied, let T be thisArg;
else let T be undefined.\n      var thisArg = arguments[1];\n      // 5. Let k be 0.\n      var k = 0;\n      // 6. Repeat,
while k < len\n      while (k < len) {\n        // a. Let Pk be ! ToString(k).\n        // b. Let kValue be ? Get(O, Pk).\n        // c. Let testResult be ToBoolean(? Call(predicate, T, « kValue, k, O »)).\n        // d. If testResult is true, return
kValue.\n        var kValue = o[k];\n        if (predicate.call(thisArg, kValue, k, o)) {\n          return kValue;\n        }\n        // e. Increase k by 1.\n        k++;\n      }\n      // 7. Return undefined.\n      return undefined;\n    };\n  });\n}\n\nif
(!Array.isArray) {\n  Array.isArray = function (arg) {\n    return Object.prototype.toString.call(arg) === '[object
Array]';\n  };\n}\n\n// Static\nexport var from = Array.from;\nexport var isArray = Array.isArray;\n\n//
Instance\nexport var arrayIncludes = function arrayIncludes(array, value) {\n  return array.indexOf(value) !== -
1;\n};\nexport var arrayFind = function arrayFind(array, fn, thisArg) {\n  return array.find(fn, thisArg);\n};\nexport
function concat() {\n  return Array.prototype.concat.apply([], arguments);\n}\n\nexport default function identity(x)
{\n  return x;\n}\n\nimport { keys } from './object';\nimport { isArray } from './array';\nimport identity from
'./identity';\n\n/**\n * Given an array of properties or an object of property keys,\n * plucks all the values off the

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target object.\n * @param {{{string[]}} keysToPluck\n * @param {{{}} objToPluck\n * @param {Function}
transformFn\n * @return {{{}}}\n */\nexport default function pluckProps(keysToPluck, objToPluck) {\n  var
transformFn = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : identity;\n\n  return
(isArray(keysToPluck) ? keysToPluck.slice() : keys(keysToPluck)).reduce(function (memo, prop) {\n    // eslint-
disable-next-line no-sequences\n    return memo[transformFn(prop)] = objToPluck[prop], memo;\n  },
{});\n}", "import { from as arrayFrom } from './array';\n\n// Determine if an element is an HTML Element\nexport
var isElement = function isElement(el) {\n  return el && el.nodeType === Node.ELEMENT_NODE;\n};\n\n//
Determine if an HTML element is visible - Faster than CSS check\nexport var isVisible = function isVisible(el) {\n
return isElement(el) && document.body.contains(el) && el.getBoundingClientRect().height > 0 &&
el.getBoundingClientRect().width > 0;\n};\n\n// Determine if an element is disabled\nexport var isDisabled =
function isDisabled(el) {\n  return !isElement(el) || el.disabled || el.classList.contains('disabled') ||
Boolean(el.getAttribute('disabled'));\n};\n\n// Cause/wait-for an element to reflow it's content (adjusting it's
height/width)\nexport var reflow = function reflow(el) {\n  // requesting an elements offsetHeight will trigger a reflow
of the element content\n  return isElement(el) && el.offsetHeight;\n};\n\n// Select all elements matching selector.
Returns [] if none found\nexport var selectAll = function selectAll(selector, root) {\n  if (!isElement(root)) {\n    root
= document;\n  }\n  return arrayFrom(root.querySelectorAll(selector));\n};\n\n// Select a single element, returns null
if not found\nexport var select = function select(selector, root) {\n  if (!isElement(root)) {\n    root = document;\n
}\n  return root.querySelector(selector) || null;\n};\n\n// Determine if an element matches a selector\nexport var
matches = function matches(el, selector) {\n  if (!isElement(el)) {\n    return false;\n  }\n\n  //
https://developer.mozilla.org/en-US/docs/Web/API/Element/matches#Polyfill\n  // Prefer native implementations
over polyfill function\n  var proto = Element.prototype;\n  var Matches = proto.matches || proto.matchesSelector ||
proto.mozMatchesSelector || proto.msMatchesSelector || proto.oMatchesSelector || proto.webkitMatchesSelector ||\n
/* istanbul ignore next */\n  function (sel) {\n    var element = this;\n    var m = selectAll(sel, element.document ||
element.ownerDocument);\n    var i = m.length;\n    // eslint-disable-next-line no-empty\n    while (--i >= 0 &&
m.item(i) !== element) {\n    }\n    return i > -1;\n  };\n  return Matches.call(el, selector);\n};\n\n// Finds closest
element matching selector. Returns null if not found\nexport var closest = function closest(selector, root) {\n  if
(!isElement(root)) {\n    return null;\n  }\n\n  // https://developer.mozilla.org/en-
US/docs/Web/API/Element/closest\n  // Since we dont support IE < 10, we can use the "Matches" version of the
polyfill for speed\n  // Prefer native implementation over polyfill function\n  var Closest = Element.prototype.closest
||\n  /* istanbul ignore next */\n  function (sel) {\n    var element = this;\n    if
(!document.documentElement.contains(element)) {\n    }\n    do {\n    // Use our "patched"
matches function\n    if (matches(element, sel)) {\n    return element;\n    }\n    element =
element.parentElement;\n  } while (element !== null);\n  return null;\n  };\n\n  var el = Closest.call(root,
selector);\n  // Emulate jQuery closest and return null if match is the passed in element (root)\n  return el === root ?
null : el;\n};\n\n// Get an element given an ID\nexport var getById = function getById(id) {\n  return
document.getElementById(/^#/.test(id) ? id.slice(1) : id) || null;\n};\n\n// Add a class to an element\nexport var
addClass = function addClass(el, className) {\n  if (className && isElement(el)) {\n
el.classList.add(className);\n  }\n};\n\n// Remove a class from an element\nexport var removeClass = function
removeClass(el, className) {\n  if (className && isElement(el)) {\n    el.classList.remove(className);\n
}\n};\n\n// Test if an element has a class\nexport var hasClass = function hasClass(el, className) {\n  if (className
&& isElement(el)) {\n    return el.classList.contains(className);\n  }\n  return false;\n};\n\n// Set an attribute on an
element\nexport var setAttr = function setAttr(el, attr, value) {\n  if (attr && isElement(el)) {\n    el.setAttribute(attr,
value);\n  }\n};\n\n// Remove an attribute from an element\nexport var removeAttr = function removeAttr(el, attr)
{\n  if (attr && isElement(el)) {\n    el.removeAttribute(attr);\n  }\n};\n\n// Get an attribute value from an element
(returns null if not found)\nexport var getAttr = function getAttr(el, attr) {\n  if (attr && isElement(el)) {\n
return el.getAttribute(attr);\n  }\n  return null;\n};\n\n// Determine if an attribute exists on an element (returns true or false,
or null if element not found)\nexport var hasAttr = function hasAttr(el, attr) {\n  if (attr && isElement(el)) {\n
return el.hasAttribute(attr);\n  }\n  return null;\n};\n\n// Return the Bounding Client Rec of an element. Returns null

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if not an element\nexport var getBCR = function getBCR(el) {\n return isElement(el) ? el.getBoundingClientRect()
: null;\n};\n\n// Get computed style object for an element\nexport var getCS = function getCS(el) {\n return
isElement(el) ? window.getComputedStyle(el) : {};\n};\n\n// Return an element's offset wrt document element\n//
https://j11y.io/jquery/#v=git&fn=jQuery.fn.offset\nexport var offset = function offset(el) {\n if (isElement(el)) {\n
if (!el.getClientRects().length) {\n return { top: 0, left: 0 };\n }\n var bcr = getBCR(el);\n var win =
el.ownerDocument.defaultView;\n return {\n top: bcr.top + win.pageYOffset,\n left: bcr.left +
win.pageXOffset\n };\n }\n};\n\n// Return an element's offset wrt to it's offsetParent\n//
https://j11y.io/jquery/#v=git&fn=jQuery.fn.position\nexport var position = function position(el) {\n if
(!isElement(el)) {\n return;\n }\n var parentOffset = { top: 0, left: 0 };\n var offsetSelf = void 0;\n var
offsetParent = void 0;\n if (getCS(el).position === 'fixed') {\n offsetSelf = getBCR(el);\n } else {\n offsetSelf =
offset(el);\n var doc = el.ownerDocument;\n offsetParent = el.offsetParent || doc.documentElement;\n while
(offsetParent && (offsetParent === doc.body || offsetParent === doc.documentElement) &&
getCS(offsetParent).position === 'static') {\n offsetParent = offsetParent.parentNode;\n }\n if (offsetParent
&& offsetParent !== el && offsetParent.nodeType === Node.ELEMENT_NODE) {\n parentOffset =
offset(offsetParent);\n parentOffset.top += parseFloat(getCS(offsetParent).borderTopWidth);\n
parentOffset.left += parseFloat(getCS(offsetParent).borderLeftWidth);\n }\n }\n return {\n top: offsetSelf.top -
parentOffset.top - parseFloat(getCS(el).marginTop),\n left: offsetSelf.left - parentOffset.left -
parseFloat(getCS(el).marginLeft)\n };\n};\n\n// Attach an event listener to an element\nexport var eventOn =
function eventOn(el, evtName, handler) {\n if (el && el.addEventListener) {\n el.addEventListener(evtName,
handler);\n }\n};\n\n// Remove an event listener from an element\nexport var eventOff = function eventOff(el,
evtName, handler) {\n if (el && el.removeEventListener) {\n el.removeEventListener(evtName, handler);\n
}\n};\n\n";\n\nvar _typeof = typeof Symbol === "function" && typeof Symbol.iterator === "symbol" ? function (obj) {
return typeof obj; } : function (obj) { return obj && typeof Symbol === "function" && obj.constructor ===
Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj; };\n\nimport { assign, keys } from
'../utils/object';\nimport { arrayIncludes, concat } from '../utils/array';\nimport { mergeData } from 'vue-
functional-data-merge';\n\n/**\n * The Link component is used in many other BV components.\n * As such, sharing
its props makes supporting all its features easier.\n * However, some components need to modify the defaults for
their own purpose.\n * Prefer sharing a fresh copy of the props to ensure mutations\n * do not affect other
component references to the props.\n *\n * https://github.com/vuejs/vue-router/blob/dev/src/components/link.js\n *
*/\n\n@return {} }\n\nexport function propsFactory() {\n return {\n href: {\n type: String,\n default: null\n
},\n rel: {\n type: String,\n default: null\n },\n target: {\n type: String,\n default: '_self'\n },\n
active: {\n type: Boolean,\n default: false\n },\n activeClass: {\n type: String,\n default: 'active'\n
},\n append: {\n type: Boolean,\n default: false\n },\n disabled: {\n type: Boolean,\n default:
false\n },\n event: {\n type: [String, Array],\n default: 'click'\n },\n exact: {\n type: Boolean,\n
default: false\n },\n exactActiveClass: {\n type: String,\n default: 'active'\n },\n replace: {\n type:
Boolean,\n default: false\n },\n routerTag: {\n type: String,\n default: 'a'\n },\n to: {\n type:
[String, Object],\n default: null\n }\n };\n\nexport var props = propsFactory();\n\nexport function
pickLinkProps(propsToPick) {\n var freshLinkProps = propsFactory();\n // Normalize everything to array.\n
propsToPick = concat(propsToPick);\n\n return keys(freshLinkProps).reduce(function (memo, prop) {\n if
(arrayIncludes(propsToPick, prop)) {\n memo[prop] = freshLinkProps[prop];\n }\n\n return memo;\n },
{});\n\nexport function omitLinkProps(propsToOmit) {\n var freshLinkProps = propsFactory();\n // Normalize
everything to array.\n propsToOmit = concat(propsToOmit);\n\n return keys(props).reduce(function (memo, prop)
{\n if (!arrayIncludes(propsToOmit, prop)) {\n memo[prop] = freshLinkProps[prop];\n }\n\n return
memo;\n }, {});\n\nexport var computed = {\n linkProps: function linkProps() {\n var linkProps = {};\n var
propKeys = keys(props);\n\n for (var i = 0; i < propKeys.length; i++) {\n var prop = propKeys[i];\n //
Computed Vue getters are bound to the instance.\n linkProps[prop] = this[prop];\n }\n\n return linkProps;\n
}\n};\n\nfunction computeTag(props, parent) {\n return Boolean(parent.$router) && props.to && !props.disabled ?
'router-link' : 'a';\n}\n\nfunction computeHref(_ref, tag) {\n var disabled = _ref.disabled,\n href = _ref.href,\n

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to = _ref.to;\n\n // We've already checked the parent.$router in computeTag,\n // so router-link means live router.\n // When deferring to Vue Router's router-link,\n // don't use the href attr at all.\n // Must return undefined for router-link to populate href.\n if (tag === 'router-link') return void 0;\n // If href explicitly provided\n if (href) return href;\n // Reconstruct href when `to` used, but no router\n if (to) {\n // Fallback to `to` prop (if `to` is a string)\n if (typeof to === 'string') return to;\n // Fallback to `to.path` prop (if `to` is an object)\n if ((typeof to === 'undefined' ? 'undefined' : typeof(to)) === 'object' && typeof to.path === 'string') return to.path;\n }\n // If nothing is provided use `#\n return `#`;\n}\n\nfunction computeRel(_ref2) {\n var target = _ref2.target,\n rel = _ref2.rel;\n if (target === '_blank' && rel === null) {\n return 'noopener';\n }\n return rel || null;\n}\n\nfunction clickHandlerFactory(_ref3) {\n var disabled = _ref3.disabled,\n tag = _ref3.tag,\n href = _ref3.href,\n suppliedHandler = _ref3.suppliedHandler,\n parent = _ref3.parent;\n\n var isRouterLink = tag === 'router-link';\n\n return function onClick(e) {\n if (disabled && e instanceof Event) {\n // Stop event from bubbling up.\n e.stopPropagation();\n // Kill the event loop attached to this specific EventTarget.\n e.stopImmediatePropagation();\n } else {\n parent.$root.$emit('clicked::link', e);\n\n if (isRouterLink && e.target.__vue__) {\n e.target.__vue__.$emit('click', e);\n }\n\n if (typeof suppliedHandler === 'function') {\n suppliedHandler.apply(undefined, arguments);\n }\n }\n\n if (!isRouterLink && href === '#' || disabled) {\n // Stop scroll-to-top behavior or navigation.\n e.preventDefault();\n }\n};\n}\n\nexport default {\n functional: true,\n props: propsFactory(),\n render: function render(h, _ref4) {\n var props = _ref4.props,\n data = _ref4.data,\n parent = _ref4.parent,\n children = _ref4.children;\n\n var tag = computeTag(props, parent);\n var rel = computeRel(props);\n var href = computeHref(props, tag);\n var eventType = tag === 'router-link' ? 'nativeOn' : 'on';\n var suppliedHandler = (data[eventType] || {}).click;\n var handlers = { click: clickHandlerFactory({ tag: tag, href: href, disabled: props.disabled, suppliedHandler: suppliedHandler, parent: parent }) };\n\n var componentData = mergeData(data, {\n class: [props.active ? props.exact ? props.exactActiveClass : props.activeClass : null, { disabled: props.disabled }],\n attrs: {\n rel: rel,\n href: href,\n target: props.target,\n tabindex: props.disabled ? '-1' : data.attrs ? data.attrs.tabindex : null,\n 'aria-disabled': tag === 'a' && props.disabled ? 'true' : null\n },\n props: assign(props, { tag: props.routerTag })\n });\n\n // If href prop exists on router-link (even undefined or null) it fails working on SSR\n if (!componentData.attrs.href) {\n delete componentData.attrs.href;\n }\n\n // We want to overwrite any click handler since our callback\n // will invoke the supplied handler if !props.disabled\n componentData[eventType] = assign(componentData[eventType] || {}, handlers);\n\n return h(tag, componentData, children);\n }\n};\n\nfunction _defineProperty(obj, key, value) {\n if (key in obj) {\n Object.defineProperty(obj, key, {\n value: value,\n enumerable: true,\n configurable: true,\n writable: true\n });\n } else {\n obj[key] = value;\n }\n return obj;\n}\n\nimport { mergeData } from 'vue-functional-data-merge';\nimport pluckProps from '../utils/pluck-props';\nimport { concat } from '../utils/array';\nimport { assign, keys } from '../utils/object';\nimport { addClass, removeClass } from '../utils/dom';\nimport Link, { propsFactory as linkPropsFactory } from './link/link';\n\nvar btnProps = {\n block: {\n type: Boolean,\n default: false\n },\n disabled: {\n type: Boolean,\n default: false\n },\n size: {\n type: String,\n default: null\n },\n variant: {\n type: String,\n default: null\n },\n type: {\n type: String,\n default: 'button'\n },\n pressed: {\n // tri-state prop: true, false or null\n // => on, off, not a toggle\n type: Boolean,\n default: null\n }\n};\n\nvar linkProps = linkPropsFactory();\ndelete linkProps.href.default;\ndelete linkProps.to.default;\nvar linkPropKeys = keys(linkProps);\n\nexport var props = assign(linkProps, btnProps);\n\nfunction handleFocus(evt) {\n if (evt.type === 'focusin') {\n addClass(evt.target, 'focus');\n }\n else if (evt.type === 'focusout') {\n removeClass(evt.target, 'focus');\n }\n}\n\nexport default {\n functional: true,\n props: props,\n render: function render(h, _ref) {\n var _ref2;\n\n var props = _ref.props,\n data = _ref.data,\n listeners = _ref.listeners,\n children = _ref.children;\n\n var isLink = Boolean(props.href || props.to);\n var isToggle = typeof props.pressed === 'boolean';\n var on = {\n click: function click(e) {\n if (props.disabled && e instanceof Event) {\n e.stopPropagation();\n e.preventDefault();\n }\n else if (isToggle) {\n // Concat will normalize the value to an array\n // without double wrapping an array value in an array.\n concat(listeners['update:pressed']).forEach(function (fn) {\n if (typeof fn === 'function') {\n fn(!props.pressed);\n }\n });\n }\n }\n};\n\n if (isToggle) {\n on.focusin =

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handleFocus;\n    on.focusout = handleFocus;\n  }\n\n  var componentData = {\n    staticClass: 'btn',\n    class:
[props.variant ? 'btn-' + props.variant : 'btn-secondary', (_ref2 = {}), _defineProperty(_ref2, 'btn-' + props.size,
Boolean(props.size)), _defineProperty(_ref2, 'btn-block', props.block), _defineProperty(_ref2, 'disabled',
props.disabled), _defineProperty(_ref2, 'active', props.pressed), _ref2)],\n    props: isLink ?
pluckProps(linkPropKeys, props) : null,\n    attrs: {\n      type: isLink ? null : props.type,\n      disabled: isLink ?
null : props.disabled,\n      // Data attribute not used for js logic,\n      // but only for BS4 style selectors.\n      'data-toggle': isToggle ? 'button' : null,\n      'aria-pressed': isToggle ? String(props.pressed) : null,\n      // Tab
index is used when the component becomes a link.\n      // Links are tabable, but don't allow disabled,\n      // so
we mimic that functionality by disabling tabbing.\n      tabindex: props.disabled && isLink ? '-1' : data.attrs ?
data.attrs['tabindex'] : null\n    },\n    on: on\n  };\n\n  return h(isLink ? Link : 'button', mergeData(data,
componentData), children);\n }\n};", "function _defineProperty(obj, key, value) { if (key in obj) {
Object.defineProperty(obj, key, { value: value, enumerable: true, configurable: true, writable: true }); } else {
obj[key] = value; } return obj; }\n\nimport { mergeData } from 'vue-functional-data-merge';\n\nvar props = {\n
disabled: {\n  type: Boolean,\n  default: false\n },\n  ariaLabel: {\n  type: String,\n  default: 'Close'\n },\n
textVariant: {\n  type: String,\n  default: null\n }\n};\n\nexport default {\n  functional: true,\n  props: props,\n
render: function render(h, _ref) {\n  var props = _ref.props,\n      data = _ref.data,\n      listeners =
_ref.listeners,\n      slots = _ref.slots;\n\n  var componentData = {\n    staticClass: 'close',\n    class:
_defineProperty({}, 'text-' + props.textVariant, props.textVariant),\n    attrs: {\n      type: 'button',\n      disabled:
props.disabled,\n      'aria-label': props.ariaLabel ? String(props.ariaLabel) : null\n    },\n    on: {\n      click:
function click(e) {\n        // Ensure click on button HTML content is also disabled\n        if (props.disabled && e
instanceof Event) {\n          e.stopPropagation();\n          e.preventDefault();\n        }\n      }\n    }\n  }\n  //
Careful not to override the slot with innerHTML\n  };if (!slots().default) {\n    componentData.domProps = {\n
innerHTML: '&times;';\n  }\n  return h('button', mergeData(data, componentData), slots().default);\n
}\n};", "/*\n * SSR Safe Client Side ID attribute generation\n */\n\nexport default {\n  props: {\n    id: {\n
type: String,\n    default: null\n  }\n },\n  methods: {\n    safeId: function safeId() {\n      var suffix =
arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : "";\n      var id = this.id || this.localId_ ||
null;\n      if (!id) {\n        return null;\n      }\n      suffix = String(suffix).replace(/\\s+g, '_');\n      return suffix ? id +
'_' + suffix : id;\n    }\n  },\n  computed: {\n    localId_: function localId_() {\n      if (!this.$isServer && !this.id &&
typeof this._uid !== 'undefined') {\n        return '__BVID__' + this._uid;\n      }\n    }\n  }\n};", "function
_toConsumableArray(arr) { if (Array.isArray(arr)) { for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) {
arr2[i] = arr[i]; } return arr2; } else { return Array.from(arr); } }\n\nimport { isArray } from './utils/array';\n\n**\n *
Issue #569: collapse::toggle::state triggered too many times\n * @link https://github.com/bootstrap-vue/bootstrap-
vue/issues/569\n */\n\nvar BVRL = '__BV_root_listeners__';\n\nexport default {\n  methods: {\n    /**\n     *
Safely register event listeners on the root Vue node.\n     * While Vue automatically removes listeners for
individual components,\n     * when a component registers a listener on root and is destroyed,\n     * this
orphans a callback because the node is gone,\n     * but the root does not clear the callback.\n     *\n     * This
adds a non-reactive prop to a vm on the fly\n     * in order to avoid object observation and its performance costs\n
     * to something that needs no reactivity.\n     * It should be highly unlikely there are any naming collisions.\n
     * @param {string} event\n     * @param {function} callback\n     * @chainable\n     *\n     */\n    listenOnRoot:
function listenOnRoot(event, callback) {\n      if (!this[BVRL] || !isArray(this[BVRL])) {\n        this[BVRL] = [];\n
      }\n      this[BVRL].push({ event: event, callback: callback });\n      this.$root.$on(event, callback);\n      return
this;\n    },\n    /**\n     * Convenience method for calling vm.$emit on vm.$root.\n     * @param {string}
event\n     * @param {*} args\n     * @chainable\n     *\n     */\n    emitOnRoot: function emitOnRoot(event) {\n
var _$root;\n      for (var _len = arguments.length, args = Array(_len > 1 ? _len - 1 : 0), _key = 1; _key < _len;
_key++) {\n        args[_key - 1] = arguments[_key];\n      }\n      (_$root = this.$root).$emit.apply(_$root,
[event].concat(_toConsumableArray(args)));\n      return this;\n    },\n    beforeDestroy: function
beforeDestroy() {\n      if (this[BVRL] && isArray(this[BVRL])) {\n        while (this[BVRL].length > 0) {\n          //
shift to process in order\n          var _BVRL$shift = this[BVRL].shift(),\n              event = _BVRL$shift.event,\n

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callback = _BVRL$shift.callback;\n\n    this.$root.$off(event, callback);\n    }\n  }\n  }";", "import { assign }
from './object';\nimport { isElement } from './utils/dom';\n\n/**\n * Observe a DOM element changes, falls back to
eventListener mode\n * @param {Element} el The DOM element to observe\n * @param {Function} callback
callback to be called on change\n * @param {object} [opts={childList: true, subtree: true}] observe options\n *
@see http://stackoverflow.com/questions/3219758\n * ^\nexport default function observeDOM(el, callback, opts) {\n
var MutationObserver = window.MutationObserver || window.WebKitMutationObserver ||
window.MozMutationObserver;\n  var eventListenerSupported = window.addEventListener;\n\n  // Handle case
where we might be passed a vue instance\n  el = el ? el.$el || el : null;\n  /* istanbul ignore next: difficult to test in
JSDOM *\n  if (!isElement(el)) {\n    // We can't observe something that isn't an element\n    return null;\n  }\n\n  var
obs = null;\n  /* istanbul ignore next: difficult to test in JSDOM *\n  if (MutationObserver) {\n    // Define a new
observer\n    obs = new MutationObserver(function (mutations) {\n      var changed = false;\n      // A Mutation can
contain several change records, so we loop through them to see what has changed.\n      // We break out of the loop
early if any \"significant\" change has been detected\n      for (var i = 0; i < mutations.length && !changed; i++) {\n
        // The mutation record\n        var mutation = mutations[i];\n        // Mutation Type\n        var type =
mutation.type;\n        // DOM Node (could be any DOM Node type - HTML Element, Text, comment, etc)\n        var
target = mutation.target;\n        if (type === 'characterData' && target.nodeType === Node.TEXT_NODE) {\n
// We ignore nodes that are not TEXT (i.e. comments, etc) as they don't change layout\n          changed = true;\n
        } else if (type === 'attributes') {\n          changed = true;\n        } else if (type === 'childList' &&
(mutation.addedNodes.length > 0 || mutation.removedNodes.length > 0)) {\n          // This includes HTML Element
and Text Nodes being added/removed/re-arranged\n          changed = true;\n        }\n      }\n      if (changed) {\n
// We only call the callback if a change that could affect layout/size truly happened.\n        callback();\n      }\n
    });\n\n    // Have the observer observe foo for changes in children, etc\n    obs.observe(el, assign({ childList: true,
subtree: true }, opts));\n  } else if (eventListenerSupported) {\n    // Legacy interface. most likely not used in modern
browsers\n    el.addEventListener('DOMNodeInserted', callback, false);\n    el.addEventListener('DOMNodeRemoved', callback, false);\n  }\n\n  // We return a reference to the observer so that
obs.disconnect() can be called if necessary\n  // To reduce overhead when the root element is hidden\n  return
obs;\n  }", /**\n * Log a warning message to the console with bootstrap-vue formatting sugar.\n * @param {string}
message\n * ^\n/* istanbul ignore next *\nfunction warn(message) {\n  console.warn("[Bootstrap-Vue warn]: \" +
message);\n}\n\nexport default warn;";", /**\n * Key Codes (events)\n * ^\n\nexport default {\n  SPACE: 32,\n
ENTER: 13,\n  ESC: 27,\n  LEFT: 37,\n  UP: 38,\n  RIGHT: 39,\n  DOWN: 40,\n  PAGEUP: 33,\n  PAGEDOWN:
34,\n  HOME: 36,\n  END: 35\n};";", var _createClass = function () { function defineProperties(target, props) { for
(var i = 0; i < props.length; i++) { var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false;
descriptor.configurable = true; if (!\"value\" in descriptor) descriptor.writable = true; Object.defineProperty(target,
descriptor.key, descriptor); } } return function (Constructor, protoProps, staticProps) { if (protoProps)
defineProperties(Constructor.prototype, protoProps); if (staticProps) defineProperties(Constructor, staticProps);
return Constructor; }; }();\n\nfunction _classCallCheck(instance, Constructor) { if (!(instance instanceof
Constructor)) { throw new TypeError(\"Cannot call a class as a function\"); } }\n\nimport { assign, defineProperty,
defineProperties, readonlyDescriptor } from './utils/object';\n\nvar BvEvent = function () {\n  function
BvEvent(type) {\n    var eventInit = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n
    _classCallCheck(this, BvEvent);\n\n    // Start by emulating native Event constructor.\n    if (!type) {\n      throw new
TypeError('Failed to construct \"\" + this.constructor.name + \"\": 1 argument required, ' + arguments.length + '
given.');

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'defaultPrevented' publicly accessible prop\n // that can only be altered by the preventDefault method.\n
defineProperty(this, 'defaultPrevented', {\n  enumerable: true,\n  get: function get() {\n    return\n    defaultPrevented;\n  }\n});\n\n}_createClass(BvEvent, null, [{\n  key: 'defaults',\n  value: function\n  defaults() {\n    return {\n      type: ",\n      cancelable: true,\n      nativeEvent: null,\n      target: null,\n      relatedTarget: null,\n      vueTarget: null\n    }; }\n}]);\n\nreturn BvEvent;\n}());\n\nexport default\nBvEvent;"\nfunction _defineProperty(obj, key, value) {\n  if (key in obj) {\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable: true\n    });\n  } else {\n    obj[key] = value;\n  }\n  return obj;\n}\n\nimport\nbBtn from './button/button';\nimport\nbBtnClose from './button/button-close';\nimport\nidMixin from\n'./../mixins/id';\nimport\nlistenOnRootMixin from './../mixins/listen-on-root';\nimport\nobserveDom from\n'./../utils/observe-dom';\nimport\nwarn from './../utils/warn';\nimport\nKeyCodes from './../utils/key-codes';\nimport\nBvEvent from './../utils/bv-event.class';\nimport\n{\n  isVisible, selectAll, select, getBCR, addClass, removeClass,\n  hasClass, setAttr, removeAttr, getAttr, hasAttr, eventOn, eventOff\n} from './../utils/dom';\n\n// Selectors for\npadding/margin adjustments\nvar\nSelector = {\n  FIXED_CONTENT: '.fixed-top, .fixed-bottom, .is-fixed, .sticky-\ntop',\n  STICKY_CONTENT: '.sticky-top',\n  NAVBAR_TOGGLER: '.navbar-toggler'\n}\n\n// ObserveDom\nconfig\n};\nvar\nOBSERVER_CONFIG = {\n  subtree: true,\n  childList: true,\n  characterData: true,\n  attributes: true,\n  attributeFilter: ['style', 'class']\n};\n\nexport default {\n  mixins: [idMixin, listenOnRootMixin],\n  components: {\n    bBtn: bBtn, bBtnClose: bBtnClose\n  },\n  render: function\n  render(h) {\n    var\n    _this = this;\n    var\n    $slots = this.$slots;\n    // Modal Header\n    var\n    header = h(false);\n    if\n    (!this.hideHeader) {\n      var\n      modalHeader = $slots['modal-header'];\n      if\n      (!modalHeader) {\n        var\n        closeButton = h(false);\n        if\n        (!this.hideHeaderClose) {\n          closeButton = h('b-btn-close', {\n            props: {\n              disabled:\n                this.is_transitioning,\n              ariaLabel: this.headerCloseLabel,\n              textVariant: this.headerTextVariant\n            },\n            on: {\n              click: function\n              click(evt) {\n                _this.hide('header-close');\n              }\n            }\n          }, [$slots['modal-header-close']]);\n        }\n        modalHeader = [h(this.titleTag, { class: ['modal-title'] },\n        [$slots['modal-title'] || this.title]), closeButton];\n      }\n      header = h('header', {\n        ref: 'header',\n        class: this.headerClasses,\n        attrs: {\n          id: this.safeId('__BV_modal_header_')\n        },\n        [modalHeader]\n      });\n      // Modal Body\n      var\n      body = h('div', {\n        ref: 'body',\n        class: this.bodyClasses,\n        attrs: {\n          id:\n            this.safeId('__BV_modal_body_')\n        },\n        [$slots.default];\n      });\n      // Modal Footer\n      var\n      footer = h(false);\n      if\n      (!this.hideFooter) {\n        var\n        modalFooter = $slots['modal-footer'];\n        if\n        (!modalFooter) {\n          var\n          cancelButton = h(false);\n          if\n          (!this.okOnly) {\n            cancelButton = h('b-btn', {\n              props: {\n                variant:\n                  this.cancelVariant,\n                size: this.buttonSize,\n                disabled: this.cancelDisabled || this.busy ||\n                  this.is_transitioning\n              },\n              on: {\n                click: function\n                click(evt) {\n                  _this.hide('cancel');\n                }\n              }\n            }, [$slots['modal-cancel'] || this.cancelTitle]);\n          }\n          var\n          okButton = h('b-btn', {\n            props: {\n              variant: this.okVariant,\n              size: this.buttonSize,\n              disabled: this.okDisabled ||\n                this.busy || this.is_transitioning\n            },\n            on: {\n              click: function\n              click(evt) {\n                _this.hide('ok');\n              }\n            }\n          }, [$slots['modal-ok'] || this.okTitle]);\n          modalFooter = [cancelButton,\n          okButton];\n        }\n        footer = h('footer', {\n          ref: 'footer',\n          class: this.footerClasses,\n          attrs: {\n            id:\n              this.safeId('__BV_modal_footer_')\n          },\n          [modalFooter]\n        });\n      }\n      // Assemble Modal Content\n      var\n      modalContent = h('div', {\n        ref: 'content',\n        class: ['modal-content'],\n        attrs: {\n          tabindex: '-1',\n          role: 'document',\n          'aria-labelledby': this.hideHeader ? null : this.safeId('__BV_modal_header_'),\n          'aria-describedby': this.safeId('__BV_modal_body_')\n        },\n        on: {\n          focusout: this.onFocusout,\n          click:\n            function\n            click(evt) {\n              evt.stopPropagation();\n              // https://github.com/bootstrap-vue/bootstrap-\nvue/issues/1528\n              _this.$root.$emit('bv::dropdown::shown');\n            }\n        }\n      }, [header, body, footer]);\n      // Modal Dialog wrapper\n      var\n      modalDialog = h('div', {\n        class: this.dialogClasses\n      }, [modalContent]);\n      // Modal\n      var\n      modal = h('div', {\n        ref: 'modal',\n        class: this.modalClasses,\n        directives: [{\n          name:\n            'show',\n          rawName: 'v-show',\n          value: this.is_visible,\n          expression: 'is_visible'\n        }],\n        attrs: {\n          id: this.safeId(),\n          role: 'dialog',\n          'aria-hidden': this.is_visible ? null : 'true'\n        },\n        on: {\n          click:\n            this.onClickOut,\n          keydown: this.onEsc\n        }\n      }, [modalDialog]);\n      // Wrap modal in transition\n      modal = h('transition', {\n        props: {\n          enterClass: ",\n          enterToClass: ",\n          enterActiveClass: ",\n
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leaveClass: ",\n    leaveActiveClass: ",\n    leaveToClass: "\n    },\n    on: {\n      'before-enter':
this.onBeforeEnter,\n      enter: this.onEnter,\n      'after-enter': this.onAfterEnter,\n      'before-leave':
this.onBeforeLeave,\n      leave: this.onLeave,\n      'after-leave': this.onAfterLeave\n    }\n  }, [modal]);\n  //
Modal Backdrop\n  var backdrop = h(false);\n  if (!this.hideBackdrop && (this.is_visible || this.is_transitioning))
{\n    backdrop = h('div', {\n      class: this.backdropClasses,\n      attrs: { id:
this.safeId('__BV_modal_backdrop_') }\n    });\n  }\n  // Assemble modal and backdrop\n  var outer =
h(false);\n  if (!this.is_hidden) {\n    outer = h('div', { attrs: { id: this.safeId('__BV_modal_outer_') } }, [modal,
backdrop]);\n  }\n  // Wrap in DIV to maintain thi.$el reference for hide/show method access\n  return h('div', { },
[outer]);\n  },\n  data: function data() {\n    return {\n      is_hidden: this.lazy || false,\n      is_visible: false,\n      is_transitioning: false,\n      is_show: false,\n      is_block: false,\n      scrollbarWidth: 0,\n      isBodyOverflowing:
false,\n      return_focus: this.returnFocus || null\n    }; \n  },\n  model: {\n    prop: 'visible',\n    event: 'change'\n  },\n  props: {\n    title: {\n      type: String,\n      default: "\n    },\n    titleTag: {\n      type: String,\n      default: 'h5'\n    },\n    size: {\n      type: String,\n      default: 'md'\n    },\n    centered: {\n      type: Boolean,\n      default: false\n    },\n    buttonSize: {\n      type: String,\n      default: "\n    },\n    noFade: {\n      type: Boolean,\n      default: false\n    },\n    noCloseOnBackdrop: {\n      type: Boolean,\n      default: false\n    },\n    noCloseOnEsc: {\n      type:
Boolean,\n      default: false\n    },\n    noEnforceFocus: {\n      type: Boolean,\n      default: false\n    },\n    headerBgVariant: {\n      type: String,\n      default: null\n    },\n    headerBorderVariant: {\n      type: String,\n      default: null\n    },\n    headerTextVariant: {\n      type: String,\n      default: null\n    },\n    headerClass: {\n      type:
[String, Array],\n      default: null\n    },\n    bodyBgVariant: {\n      type: String,\n      default: null\n    },\n    bodyTextVariant: {\n      type: String,\n      default: null\n    },\n    modalClass: {\n      type: [String, Array],\n      default: null\n    },\n    bodyClass: {\n      type: [String, Array],\n      default: null\n    },\n    footerBgVariant: {\n      type: String,\n      default: null\n    },\n    footerBorderVariant: {\n      type: String,\n      default: null\n    },\n    footerTextVariant: {\n      type: String,\n      default: null\n    },\n    footerClass: {\n      type: [String, Array],\n      default: null\n    },\n    hideHeader: {\n      type: Boolean,\n      default: false\n    },\n    hideFooter: {\n      type:
Boolean,\n      default: false\n    },\n    hideHeaderClose: {\n      type: Boolean,\n      default: false\n    },\n    hideBackdrop: {\n      type: Boolean,\n      default: false\n    },\n    okOnly: {\n      type: Boolean,\n      default:
false\n    },\n    okDisabled: {\n      type: Boolean,\n      default: false\n    },\n    cancelDisabled: {\n      type:
Boolean,\n      default: false\n    },\n    visible: {\n      type: Boolean,\n      default: false\n    },\n    returnFocus: {\n      default: null\n    },\n    headerCloseLabel: {\n      type: String,\n      default: 'Close'\n    },\n    cancelTitle: {\n      type: String,\n      default: 'Cancel'\n    },\n    okTitle: {\n      type: String,\n      default: 'OK'\n    },\n    cancelVariant:
{\n      type: String,\n      default: 'secondary'\n    },\n    okVariant: {\n      type: String,\n      default: 'primary'\n    },\n    lazy: {\n      type: Boolean,\n      default: false\n    },\n    busy: {\n      type: Boolean,\n      default: false\n    }\n  },\n  computed: {\n    modalClasses: function modalClasses() {\n      return ['modal', {\n        fade: !this.noFade,\n        show: this.is_show,\n        'd-block': this.is_block\n      }, this.modalClass];\n    },\n    dialogClasses: function
dialogClasses() {\n      var _ref;\n      return ['modal-dialog', (_ref = { }, _defineProperty(_ref, 'modal-' + this.size,
Boolean(this.size)), _defineProperty(_ref, 'modal-dialog-centered', this.centered), _ref)];\n    },\n    backdropClasses:
function backdropClasses() {\n      return ['modal-backdrop', {\n        fade: !this.noFade,\n        show: this.is_show ||
this.noFade\n      }];\n    },\n    headerClasses: function headerClasses() {\n      var _ref2;\n      return ['modal-
header', (_ref2 = { }, _defineProperty(_ref2, 'bg-' + this.headerBgVariant, Boolean(this.headerBgVariant)),
_defineProperty(_ref2, 'text-' + this.headerTextVariant, Boolean(this.headerTextVariant)), _defineProperty(_ref2,
'border-' + this.headerBorderVariant, Boolean(this.headerBorderVariant)), _ref2), this.headerClass];\n    },\n    bodyClasses: function bodyClasses() {\n      var _ref3;\n      return ['modal-body', (_ref3 = { },
_defineProperty(_ref3, 'bg-' + this.bodyBgVariant, Boolean(this.bodyBgVariant)), _defineProperty(_ref3, 'text-' +
this.bodyTextVariant, Boolean(this.bodyTextVariant)), _ref3), this.bodyClass];\n    },\n    footerClasses: function
footerClasses() {\n      var _ref4;\n      return ['modal-footer', (_ref4 = { }, _defineProperty(_ref4, 'bg-' +
this.footerBgVariant, Boolean(this.footerBgVariant)), _defineProperty(_ref4, 'text-' + this.footerTextVariant,
Boolean(this.footerTextVariant)), _defineProperty(_ref4, 'border-' + this.footerBorderVariant,
Boolean(this.footerBorderVariant)), _ref4), this.footerClass];\n    }\n  },\n  watch: {\n    visible: function

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visible(newVal, oldVal) {\n  if (newVal === oldVal) {\n    return;\n  }\n  this[newVal ? 'show' : 'hide']();\n  }\n },\n methods: {\n  // Public Methods\n  show: function show() {\n    if (this.is_visible) {\n      return;\n    }\n    var showEvt = new BvEvent('show', {\n      cancelable: true,\n      vueTarget: this,\n      target:\n      this.$refs.modal,\n      relatedTarget: null\n    });\n    this.emitEvent(showEvt);\n    if (showEvt.defaultPrevented\n    || this.is_visible) {\n      // Don't show if canceled\n      return;\n    }\n    if (hasClass(document.body, 'modal-\n    open')) {\n      // If another modal is already open, wait for it to close\n      this.$root.$once('bv::modal::hidden',\n      this.doShow);\n    } else {\n      // Show the modal\n      this.doShow();\n    }\n  },\n  hide: function\n  hide(trigger) {\n    if (!this.is_visible) {\n      return;\n    }\n    var hideEvt = new BvEvent('hide', {\n      cancelable: true,\n      vueTarget: this,\n      target: this.$refs.modal,\n      // this could be the trigger\n      element/component reference\n      relatedTarget: null,\n      isOK: trigger || null,\n      trigger: trigger || null,\n      cancel: function cancel() {\n        // Backwards compatibility\n        warn('b-modal: evt.cancel() is deprecated.\n        Please use evt.preventDefault().');\n        this.preventDefault();\n      }\n    });\n    if (trigger === 'ok') {\n      this.$emit('ok', hideEvt);\n    } else if (trigger === 'cancel') {\n      this.$emit('cancel', hideEvt);\n    }\n    this.emitEvent(hideEvt);\n    // Hide if not canceled\n    if (hideEvt.defaultPrevented || !this.is_visible) {\n      return;\n    }\n    // stop observing for content changes\n    if (this._observer) {\n      this._observer.disconnect();\n      this._observer = null;\n    }\n    this.is_visible = false;\n    this.$emit('change',\n    false);\n  },\n  // Private method to finish showing modal\n  doShow: function doShow() {\n    var _this2 =\n    this;\n    // Plce modal in DOM if lazy\n    this.is_hidden = false;\n    this.$nextTick(function () {\n      // We\n      do this in nextTick to ensure the modal is in DOM first before we show it\n      _this2.is_visible = true;\n      _this2.$emit('change', true);\n      // Observe changes in modal content and adjust if necessary\n      _this2._observer = observeDom(_this2.$refs.content, _this2.adjustDialog.bind(_this2), OBSERVER_CONFIG);\n    });\n  },\n  // Transition Handlers\n  onBeforeEnter: function onBeforeEnter() {\n    this.is_transitioning =\n    true;\n    this.checkScrollbar();\n    this.setScrollbar();\n    this.adjustDialog();\n    addClass(document.body,\n    'modal-open');\n    this.setResizeEvent(true);\n  },\n  onEnter: function onEnter() {\n    this.is_block = true;\n    this.$refs.modal.scrollTop = 0;\n  },\n  onAfterEnter: function onAfterEnter() {\n    var _this3 = this;\n    this.is_show = true;\n    this.is_transitioning = false;\n    this.$nextTick(function () {\n      _this3.focusFirst();\n      var shownEvt = new BvEvent('shown', {\n        cancelable: false,\n        vueTarget: _this3,\n        target:\n        _this3.$refs.modal,\n        relatedTarget: null\n      });\n      _this3.emitEvent(shownEvt);\n    });\n  },\n  onBeforeLeave: function onBeforeLeave() {\n    this.is_transitioning = true;\n    this.setResizeEvent(false);\n  },\n  onLeave: function onLeave() {\n    // Remove the 'show' class\n    this.is_show = false;\n  },\n  onAfterLeave: function onAfterLeave() {\n    var _this4 = this;\n    this.is_block = false;\n    this.resetAdjustments();\n    this.resetScrollbar();\n    this.is_transitioning = false;\n    removeClass(document.body, 'modal-open');\n    this.$nextTick(function () {\n      _this4.is_hidden = _this4.lazy ||\n      false;\n      _this4.returnFocusTo();\n      var hiddenEvt = new BvEvent('hidden', {\n        cancelable: false,\n        vueTarget: _this4,\n        target: _this4.lazy ? null : _this4.$refs.modal,\n        relatedTarget: null\n      });\n      _this4.emitEvent(hiddenEvt);\n    });\n  },\n  // Event emitter\n  emitEvent: function emitEvent(bvEvt) {\n    var type = bvEvt.type;\n    this.$emit(type, bvEvt);\n    this.$root.$emit('bv::modal:' + type, bvEvt);\n  },\n  // UI Event Handlers\n  onClickOut: function onClickOut(evt) {\n    // If backdrop clicked, hide modal\n    if\n    (this.is_visible && !this.noCloseOnBackdrop) {\n      this.hide('backdrop');\n    }\n  },\n  onEsc: function\n  onEsc(evt) {\n    // If ESC pressed, hide modal\n    if (evt.keyCode === KeyCodes.ESC && this.is_visible &&\n    !this.noCloseOnEsc) {\n      this.hide('esc');\n    }\n  },\n  onFocusout: function onFocusout(evt) {\n    // If\n    focus leaves modal, bring it back\n    // 'focusout' Event Listener bound on content\n    var content =\n    this.$refs.content;\n    if (!this.noEnforceFocus && this.is_visible && content &&\n    !content.contains(evt.relatedTarget)) {\n      content.focus();\n    }\n  },\n  // Resize Listener\n  setResizeEvent: function setResizeEvent(on) {\n    var _this5 = this;\n    ;['resize',\n    'orientationchange'].forEach(function (evtName) {\n      if (on) {\n        eventOn(window, evtName,\n        _this5.adjustDialog);\n      } else {\n        eventOff(window, evtName, _this5.adjustDialog);\n      }\n    });\n  },\n  // Root Listener handlers\n  showHandler: function showHandler(id, triggerEl) {\n    if (id === this.id) {\n

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    this.return_focus = triggerEl || null;\n    this.show();\n    }\n  },\n  hideHandler: function hideHandler(id)\n  {\n    if (id === this.id) {\n      this.hide();\n    }\n  },\n  modalListener: function modalListener(bvEvt) {\n\n    // If another modal opens, close this one\n    if (bvEvt.vueTarget !== this) {\n      this.hide();\n    }\n  },\n\n  // Focus control handlers\n  focusFirst: function focusFirst() {\n    // Don't try and focus if we are SSR\n    if\n    (typeof document === 'undefined') {\n      return;\n    }\n    var content = this.$refs.content;\n    var modal =\n    this.$refs.modal;\n    var activeElement = document.activeElement;\n    if (activeElement && content &&\n    content.contains(activeElement)) {\n      // If activeElement is child of content, no need to change focus\n    } else\n    if (content) {\n      if (modal) {\n        modal.scrollTop = 0;\n      }\n      // Focus the modal content wrapper\n    content.focus();\n    }\n  },\n  returnFocusTo: function returnFocusTo() {\n    // Prefer returnFocus prop over\n    event specified return_focus value\n    var el = this.returnFocus || this.return_focus || null;\n    if (typeof el ===\n    'string') {\n      // CSS Selector\n      el = select(el);\n    }\n    if (el) {\n      el = el.$el || el;\n      if\n      (isVisible(el)) {\n        el.focus();\n      }\n    }\n  },\n\n  // Utility methods\n  getScrollbarWidth: function\n  getScrollbarWidth() {\n    var scrollDiv = document.createElement('div');\n    scrollDiv.className = 'modal-\n    scrollbar-measure';\n    document.body.appendChild(scrollDiv);\n    this.scrollbarWidth =\n    scrollDiv.getBoundingClientRect().width - scrollDiv.clientWidth;\n    document.body.removeChild(scrollDiv);\n  },\n  adjustDialog: function adjustDialog() {\n    if (!this.is_visible) {\n      return;\n    }\n    var modal =\n    this.$refs.modal;\n    var isModalOverflowing = modal.scrollHeight > document.documentElement.clientHeight;\n    if (!this.isBodyOverflowing && isModalOverflowing) {\n      modal.style.paddingLeft = this.scrollbarWidth +\n      'px';\n    }\n    if (this.isBodyOverflowing && !isModalOverflowing) {\n      modal.style.paddingRight =\n      this.scrollbarWidth + 'px';\n    }\n  },\n  resetAdjustments: function resetAdjustments() {\n    var modal =\n    this.$refs.modal;\n    if (modal) {\n      modal.style.paddingLeft = '';\n      modal.style.paddingRight = '';\n    }\n  },\n  checkScrollbar: function checkScrollbar() {\n    var rect = getBCR(document.body);\n    this.isBodyOverflowing = rect.left + rect.right < window.innerWidth;\n  },\n  setScrollbar: function setScrollbar()\n  {\n    if (this.isBodyOverflowing) {\n      // Note: DOMNode.style.paddingRight returns the actual value or '' if not set\n      // while $(DOMNode).css('padding-right') returns the calculated value or 0 if not set\n      var\n      computedStyle = window.getComputedStyle;\n      var body = document.body;\n      var scrollbarWidth =\n      this.scrollbarWidth;\n      // Adjust fixed content padding\n      selectAll(Selector.FIXED_CONTENT).forEach(function (el) {\n        var actualPadding = el.style.paddingRight;\n        var\n        calculatedPadding = computedStyle(el).paddingRight || 0;\n        setAttr(el, 'data-padding-right',\n        actualPadding);\n        el.style.paddingRight = parseFloat(calculatedPadding) + scrollbarWidth + 'px';\n      });\n      // Adjust sticky content margin\n      selectAll(Selector.STICKY_CONTENT).forEach(function (el) {\n        var\n        actualMargin = el.style.marginRight;\n        var calculatedMargin = computedStyle(el).marginRight || 0;\n        setAttr(el, 'data-margin-right', actualMargin);\n        el.style.marginRight = parseFloat(calculatedMargin) -\n        scrollbarWidth + 'px';\n      });\n      // Adjust navbar-toggler margin\n      selectAll(Selector.NAVBAR_TOGGLER).forEach(function (el) {\n        var actualMargin =\n        el.style.marginRight;\n        var calculatedMargin = computedStyle(el).marginRight || 0;\n        setAttr(el, 'data-\n        margin-right', actualMargin);\n        el.style.marginRight = parseFloat(calculatedMargin) + scrollbarWidth + 'px';\n      });\n      // Adjust body padding\n      var actualPadding = body.style.paddingRight;\n      var\n      calculatedPadding = computedStyle(body).paddingRight;\n      setAttr(body, 'data-padding-right', actualPadding);\n      body.style.paddingRight = parseFloat(calculatedPadding) + scrollbarWidth + 'px';\n    }\n  },\n  resetScrollbar: function resetScrollbar() {\n    // Restore fixed content padding\n    selectAll(Selector.FIXED_CONTENT).forEach(function (el) {\n      if (hasAttr(el, 'data-padding-right')) {\n        el.style.paddingRight = getAttr(el, 'data-padding-right') || '';\n        removeAttr(el, 'data-padding-right');\n      }\n    });\n    // Restore sticky content and navbar-toggler margin\n    selectAll(Selector.STICKY_CONTENT + ', '\n    +\n    Selector.NAVBAR_TOGGLER).forEach(function (el) {\n      if (hasAttr(el, 'data-margin-right')) {\n        el.style.marginRight = getAttr(el, 'data-margin-right') || '';\n        removeAttr(el, 'data-margin-right');\n      }\n    });\n    // Restore body padding\n    var body = document.body;\n    if (hasAttr(body, 'data-padding-right')) {\n      body.style.paddingRight = getAttr(body, 'data-padding-right') || '';\n      removeAttr(body, 'data-padding-right');\n    }\n  }\n}

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transform: uppercase;\n } \n\n &__code { \n height: 80px;\n } \n\n &__preview { \n border-left: 1px
$gray-400 dashed;\n } \n } \n</style>\n\n<template>\n <div class="embed-form">\n <div class="container-
fluid">\n <h4 class="embed-form__heading" v-if="!noTitle">\n {{ $('embed-form.heading') }} \n
</h4>\n <div class="row">\n <div class="col">\n <p>\n {{ $('embed-form.introduction')
}} \n </p>\n <textarea class="form-control embed-form__code mb-2" readonly @click="selectCode"
:value="embedCode()"></textarea>\n <label class="custom-control custom-checkbox btn btn-sm float-
left">\n <input type="checkbox" class="custom-control-input" v-model="responsiveCheck">\n
<span class="custom-control-label font-weight-bold">\n {{ $('embed-form.responsive-optin') }} \n
</span>\n </label>\n <div class="text-right">\n <button class="btn btn-link btn-sm text-
uppercase font-weight-bold" @click="copyEmbedCode">\n <fa icon="clipboard" />\n {{
$('embed-form.copy') }} \n </button>\n </div>\n </div>\n <div class="col-7 d-none d-lg-
block embed-form__preview" v-if="!noPreview">\n <span v-html="embedCode(false)"></span>\n
</div>\n </div>\n </div>\n </div>\n</template>\n\n<script>\n import { faClipboard } from
'@fortawesome/free-solid-svg-icons/faClipboard'\n import Vue from 'vue'\n import i18n from '@i18n'\n import
IframeResizer from '@/utils/iframe-resizer'\n import { copyText } from '@/utils/clipboard'\n import { library }
from './Fa'\n /**\n * Embed Form\n */\n export default {\n i18n,\n name: 'EmbedForm',\n data () {\n
return {\n responsiveCheck: false\n },\n },\n beforeMount () {\n library.add(faClipboard)\n },\n
components: {\n /** Prevent a bug with vue-docgen-api\n * @see https://github.com/vue-styleguidist/vue-
docgen-api/issues/23\n */\n Fa: require('./Fa').default\n },\n props: {\n /**\n * Hide the form title\n
*/\n noTitle: {\n type: Boolean\n },\n /**\n * Hide the preview panel\n */\n noPreview:
{\n type: Boolean\n },\n /**\n * Default width of the iframe code\n */\n width: {\n type:
[Number, String],\n default: '100%\n },\n /**\n * Default height of the iframe code\n */\n
height: {\n type: Number,\n default: () => (window.innerHeight)\n },\n /**\n * Default minimal
width of the iframe code (if extract from window's size)\n */\n minWidth: {\n type: Number,\n
default: 0\n },\n /**\n * Default minimal height of the iframe code (if extract from window's size)\n
*/\n minHeight: {\n type: Number,\n default: 0\n },\n /**\n * URL of the iframe code\n
*/\n url: {\n type: String\n },\n },\n methods: {\n iframeCodeFor (url, width, height) {\n return
`<iframe width="${width}" height="${height}" src="${IframeResizer.deletePymParams(url)}"
frameborder="0" allowfullscreen></iframe>\n },\n pymCodeFor (url) {\n return
IframeResizer.template(url)\n },\n copyEmbedCode () {\n return copyText(this.embedCode(),
this.$el).then(() => {\n this.selectCode()\n })\n },\n selectCode () {\n
this.$el.querySelector('embed-form__code').select()\n },\n embedCode (withPym = this.responsiveCheck) {\n
const width = isNaN(this.width) ? this.width : Math.max(this.width, this.minWidth)\n const height =
Math.max(this.height, this.minHeight)\n return withPym ? this.pymCodeFor(this.currentUrl) :
this.iframeCodeFor(this.currentUrl, width, height)\n },\n computed: {\n currentUrl () {\n return
this.url || window.location.href\n },\n },\n }\n } \n</script>\n\n", "import mod from '!./../node_modules/cache-
loader/dist/cjs.js??ref--12-0!./../node_modules/thread-loader/dist/cjs.js!./../node_modules/babel-
loader/lib/index.js!./../node_modules/cache-loader/dist/cjs.js??ref--0-0!./../node_modules/vue-
loader/lib/index.js??vue-loader-options!./EmbedForm.vue?vue&type=script&lang=js&"; export default mod;
export * from '!./../node_modules/cache-loader/dist/cjs.js??ref--12-0!./../node_modules/thread-
loader/dist/cjs.js!./../node_modules/babel-loader/lib/index.js!./../node_modules/cache-loader/dist/cjs.js??ref--0-
0!./../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbedForm.vue?vue&type=script&lang=js&'," import { render, staticRenderFns } from
'./EmbedForm.vue?vue&type=template&id=502aea85&scoped=true&'" \nimport script from
'./EmbedForm.vue?vue&type=script&lang=js&'" \nexport * from
'./EmbedForm.vue?vue&type=script&lang=js&'" \nimport style0 from
'./EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&'" \n\n/* normalize
component */ \nimport normalizer from '!./../node_modules/vue-loader/lib/runtime/componentNormalizer.js' \nvar

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component = normalizer(\n script,\n render,\n staticRenderFns,\n false,\n null,\n \"502aea85\", \n null\n
\n)\n\ncomponent.options.__file = \"EmbedForm.vue\"\n\nexport default component.exports,\"<template>\n <div
class=\"sharing-options\" :style=\"style\">\n <social-sharing v-bind=\"valuesFor('twitter')\" inline-template>\n
<network network=\"twitter\" class=\"sharing-options__link\">\n <fa :icon=\"['fab', 'twitter']\" />\n <span
class=\"sr-only\">Share on Twitter</span>\n </network>\n </social-sharing>\n <social-sharing v-
bind=\"valuesFor('facebook')\" inline-template>\n <network network=\"facebook\" class=\"sharing-
options__link\">\n <fa :icon=\"['fab', 'facebook']\" />\n <span class=\"sr-only\">Share on
Facebook</span>\n </network>\n </social-sharing>\n <social-sharing v-bind=\"valuesFor('linkedin')\" inline-
template>\n <network network=\"linkedin\" class=\"sharing-options__link\">\n <fa :icon=\"['fab',
'linkedin']\" />\n <span class=\"sr-only\">Share on Linkedin</span>\n </network>\n </social-sharing>\n
<social-sharing v-bind=\"valuesFor('email')\" inline-template>\n <network network=\"email\" class=\"sharing-
options__link\">\n <fa icon=\"envelope\" />\n <span class=\"sr-only\">Share by email</span>\n
</network>\n </social-sharing>\n <div class=\"sharing-options__link\" v-show=\"!noEmbed\">\n <a
@click=\"showEmbedForm\">\n <fa icon=\"code\" />\n <span class=\"sr-only\">Embed</span>\n
</a>\n </div>\n <b-modal hide-footer ref=\"embedForm\" title=\"Embed on your website\" class=\"text-
dark\">\n <embed-form no-title no-preview :min-height=\"iframeMinHeight\" :min-
width=\"iframeMinWidth\"></embed-form>\n </b-modal>\n </div>\n</template>\n\n<script>\n import bModal
from 'bootstrap-vue/es/components/modal/modal'\n import SocialSharing from 'vue-social-sharing';\n import get
from 'lodash/get'\n import reduce from 'lodash/reduce'\n\n import i18n from '@/i18n'\n import { faCode } from
'@fortawesome/free-solid-svg-icons/faCode'\n import { faEnvelope } from '@fortawesome/free-solid-svg-
icons/faEnvelope'\n import { faTwitter } from '@fortawesome/free-brands-svg-icons/faTwitter'\n import {
faFacebook } from '@fortawesome/free-brands-svg-icons/faFacebook'\n import { faLinkedin } from
'@fortawesome/free-brands-svg-icons/faLinkedin'\n\n import EmbedForm from './EmbedForm.vue'\n import
config from './config'\n import IFrameResizer from './utils/iframe-resizer'\n\n import { library } from './Fa'\n\n
/**\n * SharingOptions\n */\n export default {\n i18n,\n name: 'SharingOptions',\n components: {\n
bModal,\n EmbedForm,\n SocialSharing,\n /** Prevent a bug with vue-docgen-api\n * @see
https://github.com/vue-styleguidist/vue-docgen-api/issues/23\n */\n Fa: require('./Fa').default\n },\n
beforeMount () {\n library.add(faCode, faEnvelope, faTwitter, faFacebook, faLinkedin)\n // Inject Fa
components in child component\n SocialSharing.components.Fa = require('./Fa').default\n },\n props: {\n
/**\n * URL to be shared.\n */\n url: {\n type: String,\n default: () => config.get('sharing-
options.url', null) || IFrameResizer.deletePymParams()\n },\n /**\n * Direction of the sharing options. Can
be: <em>row</em>, <em>row-reverse</em>,\n * <em>column</em> or <em>column-reverse</em>.\n */\n
direction: {\n default: 'row',\n validator (value) {\n return ['row', 'row-reverse', 'column', 'column-
reverse'].indexOf(value) !== -1\n }\n },\n /**\n * Sharing contents wich can be generic
(<em>title</em>, <em>description</em>, etc)\n * or specific to a network (<em>twitter_title</em>,\n
<em>facebook_description</em>, etc).\n */\n values: {\n type: Object,\n default: () => ({})\n },\n
/**\n * The list of all the keys to automatcly inject in each social button.\n */\n valuesKeys: {\n
default: () => ['url', 'title', 'description', 'media', 'twitter-user'],\n type: Array\n },\n /**\n * Disable
embed button.\n */\n noEmbed: {\n type: Boolean\n },\n /**\n * Minimum height of the iframe
in the embed form.\n */\n iframeMinHeight: {\n type: Number\n },\n /**\n * Minimum width
of the iframe in the embed form.\n */\n iframeMinWidth: {\n type: Number\n },\n /**\n *
Prevent from reading default value from the <code>meta</code>.\n */\n noMeta: {\n type: Boolean\n
}\n },\n methods: {\n showEmbedForm () {\n this.showShareOptions = false\n return
this.$refs.embedForm.show()\n },\n valuesFor (network) {\n const values =
Object.assign(this.metaValues, this.values)\n return reduce(this.valuesKeys, (res, key) => {\n res[key] =
get(values, `${network}_${key}`, values[key])\n return res\n }, {})\n },\n defaultValueFor(key,\n
metaSelector = null) {\n if (this.noMeta || !metaSelector) {\n return config.get(key)\n }\n return
get(document.head.querySelector(metaSelector), 'content', config.get(key))\n }\n },\n computed: {\n style

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() {\n  return {\n    'flex-direction': this.direction\n  }\n },\n metaValues () {\n  return {\n    'url': this.url,\n    'title': this.defaultValueFor('sharing-options.title'),\n    'description':\n    this.defaultValueFor('sharing-options.description', 'meta[name=\"description\"]'),\n    'facebook_title':\n    this.defaultValueFor('sharing-options.facebook_title', 'meta[property=\"og:title\"]'),\n    'facebook_description':\n    this.defaultValueFor('sharing-options.description', 'meta[property=\"og:description\"]'),\n    'facebook_media':\n    this.defaultValueFor('sharing-options.media', 'meta[property=\"og:image\"]'),\n    'facebook_url':\n    this.defaultValueFor('app.home', 'meta[property=\"og:url\"]'),\n    'twitter_media': this.defaultValueFor('sharing-\noptions.media', 'meta[name=\"twitter:image\"]'),\n    'twitter_twitter-user': this.defaultValueFor('sharing-\noptions.twitter-user', 'meta[name=\"twitter:site\"]')\n  }\n }\n }\n }\n }\n</script>\n<style lang=\"scss\">\n @import './styles/lib';\n @import './styles/mixins';\n .sharing-options {\n  display: flex;\n  & __link {\n  display: block;\n  margin: $spacer / 4;\n  background: black;\n  height: 2.5em;\n  line-height: 2.5em;\n  width: 2.5em;\n  text-align: center;\n  font-size: 80%;\n  border-radius: 50%;\n  cursor: pointer;\n  color:\n  white;\n  position: relative;\n  i {\n  position: absolute;\n  top: 50%;\n  left: 50%;\n  transform:\n  translate(-50%, -50%);\n  }\n  & > a, & > button {\n  width: 100%;\n  height: 100%;\n  display:\n  block;\n  }\n }\n }\n }\n</style>\n", "import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./SharingOptions.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./SharingOptions.vue?vue&type=script&lang=js&\";\", \"import { render, staticRenderFns } from './SharingOptions.vue?vue&type=template&id=4e36ddf6&\"; \nimport script from './SharingOptions.vue?vue&type=script&lang=js&\"; \nexport * from './SharingOptions.vue?vue&type=script&lang=js&\"; \nimport style0 from './SharingOptions.vue?vue&type=style&index=0&lang=scss&\"; \n\n/* normalize component */\nimport normalizer from \"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"; \nvar component = normalizer(\n  script,\n  render,\n  staticRenderFns,\n  false,\n  null,\n  null,\n  null\n)\n\ncomponent.options.__file = \"SharingOptions.vue\"; \nexport default component.exports; \n<template>\n <div class=\"embeddable-footer p-2 text-nowrap\">\n  <a :href=\"homeUrl\" target=\"_blank\" class=\"text-white embeddable-footer__brand\">\n    <img src=\"../assets/images/icij-white@2x.png\" height=\"20\" class=\"mr-2\" />\n    {{ title }}\n  </a>\n  <div class=\"embeddable-footer__lead small text-truncate\" v-html=\"lead\"></div>\n  <button class=\"btn btn-link text-white btn-sm py-0 embeddable-footer__share-btn\" @click=\"showShareOptions = !showShareOptions\" :class=\"{ active: showShareOptions }\">\n    <fa icon=\"share-alt\" />\n    <span class=\"sr-only\"> {{ $t('embeddable-footer.share') }}</span>\n  </button>\n  <sharing-options :values=\"sharingOptionsValues\" v-if=\"showShareOptions\" direction=\"column-reverse\" :iframe-min-height=\"iframeMinHeight\" :iframe-min-width=\"iframeMinWidth\"></sharing-options>\n</div>\n</template>\n<script>\n import { faShareAlt } from '@fortawesome/free-solid-svg-icons/faShareAlt'\n import i18n from '@/i18n'\n import IFrameResizer from '@/utils/iframe-resizer'\n import SharingOptions from './SharingOptions'\n import config from '@/config'\n import { library } from './Fa'\n\n /**\n * EmbeddableFooter\n */\n export default {\n  i18n,\n  name: 'EmbeddableFooter',\n  beforeMount() {\n    library.add(faShareAlt)\n  },\n  components: {\n    /** Prevent a bug with vue-docgen-api\n    * @see https://github.com/vue-styleguidist/vue-docgen-api/issues/23\n    */\n    Fa: require('./Fa').default,\n    SharingOptions\n  },\n  props: {\n    /**\n    * Title to display next to ICIJ logo.\n    */\n    title: {\n      type: String,\n      default: () => config.get('project.name')\n    },\n    /**\n    * Lead sentence to display next to the title.\n    */\n    lead: {\n      type: String,\n      default: \"\n    },\n    /**\n    * Minimum height for the iframe generated in the embed form.\n    */\n    iframeMinHeight: {\n      type: Number\n    },\n    /**\n    * Minimum width for the iframe generated in the embed form.\n    */\n    iframeMinWidth: {\n      type: Number\n    }

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    },\n    /**\n     * Target of the ICIJ logo and title links.\n     */\n    homeUrl: {\n      type: String,\n      default: () => config.get('app.home')\n    },\n    /**\n     * Sharing option values to bind to the sharing-options\n     component on the bottom-right corner.\n     */\n    sharingOptionsValues: {\n      type: Object,\n      default: ()\n      => ({})\n    },\n    data () {\n      return {\n        showShareOptions: false\n      }\n    },\n    mounted () {\n      IframeResizer.create();\n    }\n  }\n</script>\n<style lang="scss" scoped>\n  @import '../styles/lib';\n  @import\n  '../styles/mixins';\n  @include keyframes(slideup) {\n    0% {\n      transform: translateY(100%);\n      opacity: 0;\n    }\n    100% {\n      transform: translateY(0%);\n      opacity: 1;\n    }\n  }\n  .embeddable-footer {\n    display:\n    flex;\n    flex-direction: row;\n    align-items: center;\n\n    z-index: $zindex-sticky;\n    position: fixed;\n    bottom:\n    0;\n    left: 0;\n    width: 100%;\n    background: black;\n    color: white;\n    // Magic technique to have a minimum\n    font-size (10px-ish)\n    font-size: calc(10px + 1.5vh);\n    @media screen and (min-height: 800px) {\n      font-\n      size: 1rem;\n    }\n    &__brand {\n      padding-right: $spacer;\n      margin-right: $spacer;\n      border-right: 2px\n      solid white;\n      font-family: $headings-font-family;\n      font-size: 1.1em;\n    }\n    &__lead {\n      flex-grow:\n      1;\n      min-width: 0;\n      font-size: 0.9em;\n    }\n    &__share-btn {\n      border: 1px solid transparent;\n      height: 2.5em;\n      line-height: 2.5em;\n      width: 2.5em;\n      font-size: 80%;\n      text-align: center;\n      border-\n      radius: 50%;\n    }\n    &.active {\n      border-color: white;\n    }\n    &:hover {\n      background: rgba(white,\n      .1);\n    }\n  }\n  &/deep/ .sharing-options {\n    position: absolute;\n    bottom: 100%;\n    right: 0;\n    margin: $spacer * 0.25;\n\n    &__link {\n      opacity: 0;\n      animation: slideup 200ms forwards;\n    }\n  }\n  @include animation-delay-loop(0, 10, 50ms);\n  }\n  }\n</style>\n", "import mod from "\n  !../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-\n  loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-\n  0!../node_modules/vue-loader/lib/index.js??vue-loader-\n  options!./EmbeddableFooter.vue?vue&type=script&lang=js&"; export default mod; export * from "\n  !../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-\n  loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-\n  0!../node_modules/vue-loader/lib/index.js??vue-loader-\n  options!./EmbeddableFooter.vue?vue&type=script&lang=js&"; import { render, staticRenderFns } from\n  \"/EmbeddableFooter.vue?vue&type=template&id=36cb84e2&scoped=true&"; import script from\n  \"/EmbeddableFooter.vue?vue&type=script&lang=js&"; export * from\n  \"/EmbeddableFooter.vue?vue&type=script&lang=js&"; import style0 from\n  \"/EmbeddableFooter.vue?vue&type=style&index=0&id=36cb84e2&lang=scss&scoped=true&";\n  * normalize\n  component *\n  import normalizer from "!../node_modules/vue-loader/lib/runtime/componentNormalizer.js"\n  normalize\n  component = normalizer(\n    script,\n    render,\n    staticRenderFns,\n    false,\n    null,\n    "36cb84e2",\n    null\n  )\n  component.options.__file = "EmbeddableFooter.vue"\n  export default component.exports", "var render =\n  function () {\n    var _vm=this;\n    var _h=_vm.$createElement;\n    var _c=_vm._self._c||_h;\n    return _c('div',{staticClass:"follow-\n  us"},[_c('button',{staticClass:"btn btn-link text-light follow-\n  us__close",on:{click:_vm.closeSignupPopover}},[_c('fa',{attrs:{icon:"times"}}),1],_c('sign-up-\n  form',{staticClass:"p-3"}),_c('div',{staticClass:"px-3 pb-1 text-uppercase text-muted font-weight-\n  bold"}),[_vm._v("\n  "+_vm._s(_vm.$t('follow-us-popover.heading'))+"\n  ")],_c('div',{staticClass:"p-3 bg-\n  light container-fluid text-\n  center"}),[_c('div',{staticClass:"row"}),[_c('div',{staticClass:"col"}),[_c('a',{staticClass:"d-inline-block text-\n  primary border border-primary rounded-circle bg-white follow-us__social-\n  btn",attrs:{href:"https://twitter.com/icijorg","target":"_blank","title":"Twitter"}},[_c('fa',{attrs:{icon":["\n  fab', 'twitter'],size:"lg"}}),_c('span',{staticClass:"sr-\n  only"}),[_vm._v("Twitter")]),1]),_c('div',{staticClass:"col"}),[_c('a',{staticClass:"d-inline-block text-primary\n  border border-primary rounded-circle bg-white follow-us__social-\n  btn",attrs:{href:"https://www.facebook.com/ICIJ.org","target":"_blank","title":"Facebook"}},[_c('fa',{attr\n  s:{icon:["fab', 'facebook'],size:"lg"}}),_c('span',{staticClass:"sr-\n  only"}),[_vm._v("Facebook")]),1]),_c('div',{staticClass:"col"}),[_c('a',{staticClass:"d-inline-block text-primary

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border border-primary rounded-circle bg-white follow-us__social-
btn",attrs:{\"href\": \"https://www.linkedin.com/company/1732242/\", \"target\": \"_blank\", \"title\": \"Linkedin\"}},[_
c('fa',{attrs:{\"icon\": ['fab', 'linkedin'], \"size\": \"lg\"}}),_c('span',{staticClass: \"sr-
only\"}),[_vm._v(\"Linkedin\")]),1)))]),1))\nvar staticRenderFns = []\n\nexport { render, staticRenderFns },\"var
render = function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return
_c('form',{staticClass: \"sign-up-form\",class: { 'sign-up-form--horizontal': _vm.horizontal
},on: { \"submit\": function($event){ $event.preventDefault();_vm.subscribe($event)} },[_c('fieldset',{attrs: { \"disabl
e\": _vm.frozen }},[_c('label',{staticClass: \"text-uppercase text-muted font-weight-
bold\",attrs: { \"for\": \"input-email\" },[_vm._v(\"\\n    \"+_vm._s(_vm.$t(\"sign-up-form.label\"))+\"\\n
\\n\")):_vm._e(),_c('div',{staticClass: \"sign-up-form__fieldset__group\",class: { 'input-group': _vm.horizontal
}}),[_c('input',{directives: [{ name: \"model\",rawName: \"v-
model\",value: (_vm.email),expression: \"email\" }],staticClass: \"form-
control\",attrs: { \"name\": \"EMAIL\", \"type\": \"text\", \"placeholder\": _vm.$t('sign-up-
form.placeholder'), \"id\": \"input-
email\" },domProps: { \"value\": (_vm.email) },on: { \"input\": function($event){ if($event.target.composing){ return;
}_vm.email=$event.target.value } } }},_c('div',{staticClass: \"sign-up-form__fieldset__group__addon\",class: { 'input-
group-append': _vm.horizontal } },[_c('button',{staticClass: \"btn btn-primary text-uppercase font-weight-
bold\",attrs: { \"type\": \"submit\" } },[_vm._v(\"\\n    \"+_vm._s(_vm.$t(\"sign-up-form.submit\"))+\"\\n
\\n\")))])))]),_c('input',{attrs: { \"type\": \"hidden\", \"name\": \"group[9][1]\", \"value\": \"1\" } },_c('input',{attrs: { \"type\": \"
hidden\", \"name\": \"SIGNUP\" },domProps: { \"value\": _vm.tracker } }},(_vm.errorMessage)?_c('p',{staticClass: \"aler
t alert-danger p-2 m-0 mt-
2\",domProps: { \"innerHTML\": _vm._s(_vm.errorMessage) } }):_vm._e(),(_vm.successMessage)?_c('p',{staticClass: \"
alert alert-success p-2 m-0 mt-2\",domProps: { \"innerHTML\": _vm._s(_vm.successMessage) } }):_vm._e())\n\nvar
staticRenderFns = []\n\nexport { render, staticRenderFns },\"<template>\n <form
@submit.prevent= \"subscribe($event)\" class= \"sign-up-form\" :class= { 'sign-up-form--horizontal': horizontal
} >\n <fieldset :disabled= \"frozen\" >\n <label class= \"text-uppercase text-muted font-weight-bold\"
for= \"input-email\" v-if= \"!noLabel\" >\n {{ $t('sign-up-form.label') }}\n </label>\n <div class= \"sign-
up-form__fieldset__group\" :class= { 'input-group': horizontal } >\n <input v-model= \"email\"
name= \"EMAIL\" type= \"text\" class= \"form-control\" :placeholder= \"$t('sign-up-form.placeholder')\" id= \"input-
email\" />\n <div class= \"sign-up-form__fieldset__group__addon\" :class= { 'input-group-append': horizontal
} >\n <button class= \"btn btn-primary text-uppercase font-weight-bold\" type= \"submit\" >\n {{
$t('sign-up-form.submit') }}\n </button>\n </div>\n </div>\n </fieldset>\n <input
type= \"hidden\" name= \"group[9][1]\" value= \"1\" />\n <input type= \"hidden\" name= \"SIGNUP\"
:value= \"tracker\" />\n <p v-if= \"errorMessage\" class= \"alert alert-danger p-2 m-0 mt-2\" v-
html= \"errorMessage\" ></p>\n <p v-if= \"successMessage\" class= \"alert alert-success p-2 m-0 mt-2\" v-
html= \"successMessage\" ></p>\n </form>\n</template>\n\n<script>\nimport $ from 'jquery'\nimport last from
'lodash/last'\nimport config from './config'\nimport i18n from '@/i18n'\n\n/**\n * SignUpForm\n */\nexport default
{\n  i18n,\n  name: \"SignUpForm\", \n  props: {\n    /**\n     * Mailchimp URL to send the data to.\n     */\n    action:
{\n      type: String,\n      default: () => config.get('signup-form.action')\n    },\n    /**\n     * Disable the main label.\n     */\n    noLabel: {\n      type: Boolean\n    },\n    /**\n     * Horizontal layout of the form.\n     */\n    horizontal: {\n      type: Boolean\n    },\n    /**\n     * Mailchimp tracker tag to identify the origin.\n     */\n    tracker: {\n      type:
String,\n      default: () => config.get('signup-form.tracker')\n    }\n  },\n  data () {\n    return {\n      email: \"\",\n      frozen: false,\n      response: {},\n      errorMessage: null,\n      successMessage: null\n    }; \n  },\n  computed: {\n    actionJsonp () {\n      return this.action.replace('/post?', '/post-json?').concat('&c=?')\n    }\n  },\n  methods: {\n    subscribe () {\n      this.resetMessages()\n      this.freeze()\n      // Send the data, catch the result no matter what and
unfreeze the form\n      this.send().always(this.done).always(this.unfreeze)\n    },\n    send () {\n      return $.ajax({\n        type: 'POST',\n        url: this.actionJsonp,\n        data: $(this.$el).serialize(),\n        dataType: 'jsonp'\n      })\n    },\n    done (res) {\n      if (res.result === 'success') {\n        this.email = \"\n        this.successMessage = res.msg;\n

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} else {\n      // Mailchimp formats errors in list\n      this.errorMessage = last((res.msg || \"Something's
wrong\").split(' '))\n    }\n  },\n  resetMessages () {\n    this.errorMessage = null\n    this.successMessage =
null\n  },\n  freeze () {\n    this.frozen = true\n  },\n  unfreeze () {\n    this.frozen = false\n  }\n}\n};\n</script>\n<style lang=\"scss\">\n  @import '../styles/lib.scss';\n  .sign-up-form {\n    .sign-up-
form__fieldset__group__addon.btn {\n      font-size: 0.9em;\n    }\n    &:not(&--horizontal) {\n      .sign-up-
form__fieldset__group__addon.btn {\n        display: block;\n        width: 100%;\n      }\n    }\n  }\n</style>\n", "import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-
0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SignUpForm.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-
!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SignUpForm.vue?vue&type=script&lang=js&\", \"import { render, staticRenderFns } from
\"./SignUpForm.vue?vue&type=template&id=3a583f00&\";\nimport script from
\"./SignUpForm.vue?vue&type=script&lang=js&\";\nexport * from
\"./SignUpForm.vue?vue&type=script&lang=js&\";\nimport style0 from
\"./SignUpForm.vue?vue&type=style&index=0&lang=scss&\";\n\n/* normalize component */\nimport normalizer
from \"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\";\nvar component = normalizer(\n  script,\n  render,\n  staticRenderFns,\n  false,\n  null,\n  null,\n  null\n)\n\ncomponent.options.__file =
\"SignUpForm.vue\";\nexport default component.exports;\n<template>\n  <div class=\"follow-us\">\n    <button
class=\"btn btn-link text-light follow-us__close\" @click=\"closeSignupPopover\">\n      <fa icon=\"times\" />\n
</button>\n    <sign-up-form class=\"p-3\"></sign-up-form>\n    <div class=\"px-3 pb-1 text-uppercase text-muted
font-weight-bold\">\n      {{ $(\"follow-us-popover.heading\") }}\n    </div>\n    <div class=\"p-3 bg-light container-
fluid text-center\">\n      <div class=\"row\">\n        <div class=\"col\">\n          <a
href=\"https://twitter.com/icijorg\" target=\"_blank\" class=\"d-inline-block text-primary border border-primary
rounded-circle bg-white follow-us__social-btn\" title=\"Twitter\">\n            <fa :icon=\"['fab', 'twitter']\" size=\"lg\"
/>\n            <span class=\"sr-only\">Twitter</span>\n          </a>\n        </div>\n        <div class=\"col\">\n          <a
href=\"https://www.facebook.com/ICIJ.org\" target=\"_blank\" class=\"d-inline-block text-primary border border-
primary rounded-circle bg-white follow-us__social-btn\" title=\"Facebook\">\n            <fa :icon=\"['fab',
'facebook']\" size=\"lg\" />\n            <span class=\"sr-only\">Facebook</span>\n          </a>\n        </div>\n        <div
class=\"col\">\n          <a href=\"https://www.linkedin.com/company/1732242/\" target=\"_blank\" class=\"d-inline-
block text-primary border border-primary rounded-circle bg-white follow-us__social-btn\" title=\"Linkedin\">\n
            <fa :icon=\"['fab', 'linkedin']\" size=\"lg\" />\n            <span class=\"sr-only\">Linkedin</span>\n          </a>\n
        </div>\n      </div>\n    </div>\n  </template>\n</script>\n  import { faTimes } from '@fortawesome/free-
solid-svg-icons/faTimes'\n  import { faTwitter } from '@fortawesome/free-brands-svg-icons/faTwitter'\n  import {
faFacebook } from '@fortawesome/free-brands-svg-icons/faFacebook'\n  import { faLinkedin } from
'@fortawesome/free-brands-svg-icons/faLinkedin'\n\n  import i18n from '@i18n'\n  import SignUpForm from
\"./SignUpForm.vue\"\n  import { library } from './Fa'\n  /**\n   * FollowUsPopover\n   */\n  export default {\n    i18n,\n    name: 'FollowUsPopover',\n    components: {\n      /** Prevent a bug with vue-docgen-api\n       * @see
https://github.com/vue-styleguidist/vue-docgen-api/issues/23\n       */\n      Fa: require('./Fa').default,\n      SignUpForm\n    },\n    beforeMount () {\n      library.add(faTimes, faTwitter, faFacebook, faLinkedin)\n    },\n    methods: {\n      closeSignupPopover() {\n        /**\n         * Fired when user click on the `close` button\n         */\n        * @event update:show\n         * @type {boolean}\n         */\n        this.$emit('update:show', false)\n      }\n    }\n  }\n}\n</script>\n<style lang=\"scss\" scoped>\n  @import '../styles/lib';\n  .follow-us {\n    position: relative;\n    width: 300px;\n\n    &__social-btn {\n      height: 46px;\n      width: 46px;\n      line-height: 46px;\n\n      i.fab {\n        line-height: inherit;\n        font-size: 1.5em;\n      }\n    }\n\n    &__close {\n      position: absolute;\n      right:\n      $spacer / 2;\n      top: $spacer / 2;\n    }\n  }\n</style>\n", "import mod from \"-!../node_modules/cache-

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loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-
loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-
loader/lib/index.js??vue-loader-options!/FollowUsPopover.vue?vue&type=script&lang=js&"; export default mod;
export * from \-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/FollowUsPopover.vue?vue&type=script&lang=js&";import { render, staticRenderFns } from
\FollowUsPopover.vue?vue&type=template&id=440d5984&scoped=true&"\nimport script from
\FollowUsPopover.vue?vue&type=script&lang=js&"\nexport * from
\FollowUsPopover.vue?vue&type=script&lang=js&"\nimport style0 from
\FollowUsPopover.vue?vue&type=style&index=0&id=440d5984&lang=scss&scoped=true&"\n\n/* normalize
component *\nimport normalizer from \-!../node_modules/vue-loader/lib/runtime/componentNormalizer.js"\nvar
component = normalizer(\n script,\n render,\n staticRenderFns,\n false,\n null,\n "440d5984",\n null\n
\n)\n\ncomponent.options.__file = \FollowUsPopover.vue"\nexport default component.exports",\nvar render =
function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return
_c('footer',{staticClass:"generic-
footer"},[_c('div',{staticClass:"container"},[_c('div',{staticClass:"row"},[_vm._m(0),_c('div',{staticClass:"col-
md-7"},[_c('div',{staticClass:"row justify-content-end"},[_c('div',{staticClass:"col-md-
5"},[_c('h5',{staticClass:"text-selective-yellow text-uppercase mb-3"},[_vm._v("\n
"+_vm._s(_vm.$t('generic-footer.investigations'))+"\n
\n))],_vm._t("investigations",[_vm._m(1)]),2),_c('div',{staticClass:"col-md-4"},[_c('h5',{staticClass:"text-
selective-yellow text-uppercase mb-3"},[_vm._v("\n
\n"+_vm._s(_vm.$t('generic-footer.follow-us'))+"\n
\n"))],_vm._m(2)))]),_c('p',{staticClass:"text-white text-md-right small mt-5"},[_c('strong',[_vm._v("\n
"+_vm._s(_vm.year)+" — The International Consortium of Investigative Journalists.\n"))],_vm._v("\n
\n"+_vm._s(_vm.$t('generic-footer.all-rights'))+"\n
\n"),_c('br'),(_vm.version)?_c('span',{staticClass:"text-
muted"},[_vm._v("\n
\n"+_vm._s(_vm.$t('generic-footer.version', { version: _vm.version })))+"\n
\n"))]:_vm._e(0)))]))\nvar staticRenderFns = [function () { var _vm=this;var _h=_vm.$createElement;var
_c=_vm._self._c||_h;return _c('div',{staticClass:"col-md-5"},[_c('h5',{staticClass:"text-uppercase text-white
clearfix generic-footer__icij mb-3"},[_c('a',{staticClass:"generic-
footer__icij__logo",attrs:{\href":"https://icij.org","target":"_blank"}},[_c('img',{staticClass:"mw-
100",attrs:{\src":require(\../assets/images/icij@2x.png)}))],_c('a',{staticClass:"text-
nowrap",attrs:{\href":"https://icij.org","target":"_blank"}},[_vm._v("\n
\nInternational Consortium
of"),_c('br'),_vm._v("\n
\nInvestigative Journalists\n
\n"))],_c('p',{staticClass:"text-selective-
yellow",attrs:{\href":"mailto:contact@icij.org"},[_vm._v("contact@icij.org"))]]))],function () { var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('ul',{staticClass:"list-
unstyled"},[_c('li',{staticClass:"list-unstyled-
item"},[_c('a',{attrs:{\href":"https://www.icij.org/investigations/paradise-
papers^","target":"_blank"}},[_vm._v("\n
\nParadise Papers\n
\n"))],_c('li',{staticClass:"list-unstyled-item"},[_c('a',{attrs:{\href":"https://www.icij.org/investigations/panama-
papers^","target":"_blank"}},[_vm._v("\n
\nPanama Papers\n
\n"))],_c('li',{staticClass:"list-unstyled-item"},[_c('a',{attrs:{\href":"https://www.icij.org/investigations/world-
bank^","target":"_blank"}},[_vm._v("\n
\nEvicted and Abandoned\n
\n"))],_c('li',{staticClass:"list-unstyled-
item"},[_c('a',{attrs:{\href":"https://www.icij.org/investigations/offshore^","target":"_blank"}},[_vm._v("\n
\nSecrecy for Sale\n
\n"))]]))],function () { var _vm=this;var _h=_vm.$createElement;var
_c=_vm._self._c||_h;return _c('ul',{staticClass:"list-unstyled"},[_c('li',{staticClass:"list-unstyled-
```

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item\"},{_c('a',{attrs:{\"href\":\"https://www.facebook.com/ICIJ.org\"},\"target\":\"_blank\"}},{_vm._v(\\n
Facebook\\n
    \"))}),_c('li',{staticClass:\"list-unstyled-
item\"},{_c('a',{attrs:{\"href\":\"https://www.linkedin.com/company/1732242/\"},\"target\":\"_blank\"}},{_vm._v(\\n
n
    LinkedIn\\n
    \"))}),_c('li',{staticClass:\"list-unstyled-
item\"},{_c('a',{attrs:{\"href\":\"https://twitter.com/icijorg\"},\"target\":\"_blank\"}},{_vm._v(\\n
Twitter\\n
    \"))}))])\\n\\nexport { render, staticRenderFns }\",\"<template>\\n <footer class=\\\"generic-
footer\\\">\\n <div class=\\\"container\\\">\\n <div class=\\\"row\\\">\\n <div class=\\\"col-md-5\\\">\\n <h5
class=\\\"text-uppercase text-white clearfix generic-footer__icij mb-3\\\">\\n <a href=\\\"https://icij.org\\\"
target=\\\"_blank\\\" class=\\\"generic-footer__icij__logo\\\">\\n <img src=\\\"../assets/images/icij@2x.png\\\"
class=\\\"mw-100\\\" />\\n </a>\\n <a class=\\\"text-nowrap\\\" href=\\\"https://icij.org\\\" target=\\\"_blank\\\">\\n
    International Consortium of<br />\\n    Investigative Journalists\\n </a>\\n </h5>\\n <p
class=\\\">\\n    1710 Rhode Island Ave NW | 11th floor <br />\\n    Washington DC 20006 USA\\n
</p>\\n <p>\\n <strong>\\n <a href=\\\"mailto:contact@icij.org\\\" class=\\\"text-selective-
yellow\\\">contact@icij.org</a>\\n </strong>\\n </p>\\n </div>\\n <div class=\\\"col-md-7\\\">\\n
<div class=\\\"row justify-content-end\\\">\\n <div class=\\\"col-md-5\\\">\\n <h5 class=\\\"text-selective-
yellow text-uppercase mb-3\\\">\\n {{ $t('generic-footer.investigations') }}\\n </h5>\\n <!--
@slot List of investigations -->\\n <slot name=\\\"investigations\\\">\\n <ul class=\\\"list-unstyled\\\">\\n
    <li class=\\\"list-unstyled-item\\\">\\n <a href=\\\"https://www.icij.org/investigations/paradise-
papers/\\\" target=\\\"_blank\\\">\\n Paradise Papers\\n </a>\\n </li>\\n <li
class=\\\"list-unstyled-item\\\">\\n <a href=\\\"https://www.icij.org/investigations/panama-papers/\\\"
target=\\\"_blank\\\">\\n Panama Papers\\n </a>\\n </li>\\n <li class=\\\"list-
unstyled-item\\\">\\n <a href=\\\"https://www.icij.org/investigations/world-bank\\\" target=\\\"_blank\\\">\\n
Evicted and Abandoned\\n </a>\\n </li>\\n <li class=\\\"list-unstyled-item\\\">\\n
    <a href=\\\"https://www.icij.org/investigations/offshore/\\\" target=\\\"_blank\\\">\\n Secrecy for
Sale\\n </a>\\n </li>\\n </ul>\\n </slot>\\n </div>\\n <div
class=\\\"col-md-4\\\">\\n <h5 class=\\\"text-selective-yellow text-uppercase mb-3\\\">\\n {{ $t('generic-
footer.follow-us') }}\\n </h5>\\n <ul class=\\\"list-unstyled\\\">\\n <li class=\\\"list-unstyled-
item\\\">\\n <a href=\\\"https://www.facebook.com/ICIJ.org\\\" target=\\\"_blank\\\">\\n Facebook\\n
    </a>\\n </li>\\n <li class=\\\"list-unstyled-item\\\">\\n <a
href=\\\"https://www.linkedin.com/company/1732242/\\\" target=\\\"_blank\\\">\\n LinkedIn\\n
    </a>\\n </li>\\n <li class=\\\"list-unstyled-item\\\">\\n <a href=\\\"https://twitter.com/icijorg\\\"
target=\\\"_blank\\\">\\n Twitter\\n </a>\\n </li>\\n </ul>\\n </div>\\n
</div>\\n </div>\\n </div>\\n <p class=\\\"text-white text-md-right small mt-5\\\">\\n <strong>© {{ year
}} — The International Consortium of Investigative Journalists.</strong>\\n {{ $t('generic-footer.all-rights')
}}\\n <br />\\n <span v-if=\\\"version\\\" class=\\\"text-muted\\\">\\n {{ $t('generic-footer.version', { version
}) }}\\n </span>\\n </p>\\n </div>\\n </footer>\\n</template>\\n\\n<script>\\nimport i18n from
'@/i18n\\n\\n/**\\n * GenericFooter\\n *\\nexport default {\\n i18n,\\n name: 'GenericFooter',\\n props: {\\n /**\\n *
Version of the app to display in the bottom-right corner of the footer\\n *\\n version: {\\n type: String\\n }\\n
},\\n computed: {\\n year () {\\n return (new Date()).getFullYear()\\n }\\n }\\n}</script>\\n</style
lang=\\\"scss\\\" scoped>\\n @import '../styles/lib';\\n .generic-footer {\\n background: black;\\n color: #999;\\n
padding:$spacer * 4 0;\\n @include media-breakpoint-down(md) {\\n padding: $spacer;\\n }\\n a {\\n
color: inherit;\\n }\\n h5 {\\n font-family: $font-family-sans-serif;\\n font-size: 1rem;\\n }\\n &__icij
{\\n display: flex;\\n justify-content: start;\\n align-items: center;\\n @include media-breakpoint-
down(xs) {\\n display: block;\\n }\\n &__logo {\\n display: block;\\n width: 54px;\\n flex: 0 0
54px;\\n margin-right: 8px;\\n @include media-breakpoint-down(xs) {\\n margin-bottom: $spacer;\\n
}\\n }\\n }\\n }\\n}</style>\\n\",import mod from '\\-!../node_modules/cache-loader/dist/cjs.js??ref--12-
0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-
loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-

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options!./GenericFooter.vue?vue&type=script&lang=js&"; export default mod; export * from \-
!././node_modules/cache-loader/dist/cjs.js??ref--12-0!././node_modules/thread-
loader/dist/cjs.js!././node_modules/babel-loader/lib/index.js!././node_modules/cache-loader/dist/cjs.js??ref--0-
0!././node_modules/vue-loader/lib/index.js??vue-loader-
options!./GenericFooter.vue?vue&type=script&lang=js&"", "import { render, staticRenderFns } from
\"./GenericFooter.vue?vue&type=template&id=203025b4&scoped=true&\"\\nimport script from
\"./GenericFooter.vue?vue&type=script&lang=js&\"\\nexport * from
\"./GenericFooter.vue?vue&type=script&lang=js&\"\\nimport style0 from
\"./GenericFooter.vue?vue&type=style&index=0&id=203025b4&lang=scss&scoped=true&\"\\n\\n/* normalize
component *\\nimport normalizer from \"!././node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\\nvar
component = normalizer(\\n script,\\n render,\\n staticRenderFns,\\n false,\\n null,\\n \"203025b4\",\\n null\\n
\\n)\\n\\ncomponent.options.__file = \"GenericFooter.vue\"\\nexport default component.exports\", \"var render = function
() { var _vm=this; var _h=_vm.$createElement; var _c=_vm._self._c||_h; return
_c('div',[_c(_vm.rootElement, { tag: \"component\", staticClass: \"navbar navbar-expand-lg navbar-light imddb-
header\", class: { 'headroom--frozen': !_vm.collapseNavbar }, style: ({ position: _vm.position }), attrs: { 'id': \"imddb-
header\", \"data-turbolinks-permanent\": \"\", \"offset\": 100, \"z-index\": 1020, \"on-
unpin\": _vm.closeFollowUsPopover }, [_vm._t(\"brand\", [_c('a', { staticClass: \"navbar-brand imddb-
header__brand\", attrs: { 'href': _vm.homeUrl }, [_c('img', { staticClass: \"mr-
3\", attrs: { 'src': require(\"../assets/images/icij-black@2x.png\"), \"height\": \"25\" })], _vm._v(\"\\n
\\n+_vm._s(_vm.project)+\"\\n    \"))]), _c('button', { staticClass: \"navbar-toggler\", attrs: { 'type': \"button\", \"aria-
label\": \"Toggle navigation\", on: { 'click': _vm.toggleNavbar }, [_c('span', { staticClass: \"navbar-toggler-
icon\" })]), _c('div', { staticClass: \"navbar-collapse\", class: { collapse: _vm.collapseNavbar
}), [_vm._t(\"navbar\", [_c('ul', { staticClass: \"navbar-nav mr-auto\"}), [_c('b-nav-
dropdown', { on: { 'show': function($event) { _vm.$root.$emit('bv::hide::popover') } }], [_c('template', { slot: \"button-
content\" }, [_vm._v(\"\\n    \"+_vm._s(_vm.title)+\"\\n
\\n\"))], _vm._l(_vm.dropdownItems), function(item, $index) { return _c('b-dropdown-
item', _vm._b({ key: $index, attrs: { 'href': item.href }, 'b-dropdown-item', { active: !!item.active }, false), [_vm._v(\"\\n
    \"+_vm._s(item.label)+\"\\n    \"))]), 2), 1)], _c('ul', { staticClass: \"navbar-
nav\", [_c('li', { staticClass: \"nav-item\"}), [_c('a', { staticClass: \"nav-
link\", attrs: { 'href': \"https://www.icij.org/leak/\", \"target\": \"_blank\" } }], [_vm._v(\"\\n
\\n+_vm._s(_vm.$t('imddb-header.navbar.leak')+\"\\n    \"))]), _c('li', { staticClass: \"nav-item mr-lg-
3\"}), [_c('a', { staticClass: \"nav-
link\", attrs: { 'href': \"#\" }, on: { 'click': function($event) { $event.preventDefault(); _vm.$refs.donateFormModal.sho
w() } } ]], [_vm._v(\"\\n    \"+_vm._s(_vm.$t('imddb-header.navbar.support')+\"\\n
\\n\"))]), _c('li', { staticClass: \"nav-item\"}), [_c('button', { staticClass: \"btn btn-saddle-red btn-block font-weight-
bold\", attrs: { 'id': \"follow-icij\" } }], [_vm._v(\"\\n    \"+_vm._s(_vm.$t('imddb-header.navbar.follow')+\"\\n
\\n\"))], _c('b-popover', { attrs: { 'container': \"imddb-header\", \"target\": \"follow-
icij\", \"placement\": \"bottomleft\", \"show\": _vm.showSignupPopover }, on: { 'update:show': function($event) { _vm.s
howSignupPopover=$event } } ]], [_c('follow-us-
popover', { attrs: { 'show': _vm.showSignupPopover }, on: { 'update:show': function($event) { _vm.showSignupPopov
er=$event } } ]], 1), 1)], 2), 2), _c('b-modal', { ref: \"donateFormModal\", attrs: { 'hide-
footer': \"\", \"lazy\": \"\", \"size\": \"lg\" } }], [_c('span', { staticClass: \"text-uppercase font-weight-bold text-
primary\", attrs: { 'slot': \"modal-title\", slot: \"modal-title\", [_vm._v(\"\\n    \"+_vm._s(_vm.$t('imddb-
header.navbar.support')+\"\\n    \"))]), _c('donate-form', { attrs: { 'no-title': \"\" } } ]], 1), 1)}\\nvar staticRenderFns =
[]\\n\\nexport { render, staticRenderFns }, \"import { mergeData } from 'vue-functional-data-merge';\\nimport Link, {
propsFactory as linkPropsFactory } from './link/link';\\n\\nexport var props = linkPropsFactory();\\n\\nexport default
{\\n  functional: true,\\n  props: props,\\n  render: function render(h, _ref) {\\n    var props = _ref.props,\\n    data =
_ref.data,\\n    children = _ref.children;\\n\\n    return h(Link, mergeData(data, {\\n      props: props,\\n      staticClass:

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'dropdown-item',\n  attrs: { role: 'menuitem' }\n  }), children);\n  }\n  }","export default {\n  mounted: function\n  mounted() {\n    if (typeof document !== 'undefined') {\n      document.addEventListener('click',\n      this._clickOutListener);\n    }\n  },\n  beforeDestroy: function beforeDestroy() {\n    if (typeof document !==\n    'undefined') {\n      document.removeEventListener('click', this._clickOutListener);\n    }\n  },\n  methods: {\n    _clickOutListener: function _clickOutListener(e) {\n      if (!this.$el.contains(e.target)) {\n        if\n        (this.clickOutListener) {\n          this.clickOutListener();\n        }\n      }\n    }\n  },"import Popper from\n  'popper.js';\nimport clickoutMixin from './clickout';\nimport listenOnRootMixin from './listen-on-root';\nimport {\n  from as arrayFrom } from './utils/array';\nimport { assign } from './utils/object';\nimport KeyCodes from\n  './utils/key-codes';\nimport BvEvent from './utils/bv-event.class';\nimport warn from './utils/warn';\nimport {\n  isVisible, closest, selectAll, getAttr, eventOn, eventOff } from './utils/dom';\n\n// Return an Array of visible\n  items\nfunction filterVisible(els) {\n  return (els || []).filter(isVisible);\n}\n\n// Dropdown item CSS selectors\n//\n  TODO: .dropdown-form handling\nvar ITEM_SELECTOR = '.dropdown-item:not(.disabled):not([disabled]);'\n\n//\n  Popper attachment positions\nvar AttachmentMap = {\n  // DropUp Left Align\n  TOP: 'top-start',\n  // DropUp\n  Right Align\n  TOPEND: 'top-end',\n  // Dropdown left Align\n  BOTTOM: 'bottom-start',\n  // Dropdown Right\n  Align\n  BOTTOMEND: 'bottom-end'\n};\n\nexport default {\n  mixins: [clickoutMixin, listenOnRootMixin],\n  props: {\n    disabled: {\n      type: Boolean,\n      default: false\n    },\n    text: {\n      // Button label\n      type:\n      String,\n      default: ""\n    },\n    dropup: {\n      // place on top if possible\n      type: Boolean,\n      default: false\n    },\n    right: {\n      // Right align menu (default is left align)\n      type: Boolean,\n      default: false\n    },\n    offset:\n    {\n      // Number of pixels to offset menu, or a CSS unit value (i.e. 1px, 1rem, etc)\n      type: [Number, String],\n      default: 0\n    },\n    noFlip: {\n      // Disable auto-flipping of menu from bottom<=>top\n      type: Boolean,\n      default: false\n    },\n    popperOpts: {\n      type: Object,\n      default: function _default() {\n        }\n      },\n    data:\n    function data() {\n      return {\n        visible: false,\n        inNavbar: null,\n        visibleChangePrevented: false\n      }\n    },\n    created: function created() {\n      // Create non-reactive property\n      this._popper = null;\n    },\n    mounted:\n    function mounted() {\n      // To keep one dropdown opened on page\n      this.listenOnRoot('bv::dropdown::shown',\n      this.rootCloseListener);\n      // Hide when clicked on links\n      this.listenOnRoot('clicked::link',\n      this.rootCloseListener);\n      // Use new namespaced events\n      this.listenOnRoot('bv::link::clicked',\n      this.rootCloseListener);\n    },\n\n    /* istanbul ignore next: not easy to test */\n    deactivated: function deactivated() {\n      // In case we are inside a <keep-alive>\n      this.visible = false;\n      this.setTouchStart(false);\n    },\n\n    this.removePopper();\n  },\n\n  /* istanbul ignore next: not easy to test */\n  beforeDestroy: function beforeDestroy()\n  {\n    this.visible = false;\n    this.setTouchStart(false);\n    this.removePopper();\n  },\n\n  watch: {\n    visible:\n    function visible(newValue, oldValue) {\n      if (this.visibleChangePrevented) {\n        this.visibleChangePrevented\n        = false;\n        return;\n      }\n\n      if (newValue !== oldValue) {\n        var evtName = newValue ? 'show' : 'hide';\n        var bvEvt = new BvEvent(evtName, {\n          cancelable: true,\n          vueTarget: this,\n          target:\n          this.$refs.menu,\n          relatedTarget: null\n        });\n        this.emitEvent(bvEvt);\n        if (bvEvt.defaultPrevented)\n        {\n          // Reset value and exit if canceled\n          this.visibleChangePrevented = true;\n          this.visible =\n          oldValue;\n          return;\n        }\n        if (evtName === 'show') {\n          this.showMenu();\n        } else {\n          this.hideMenu();\n        }\n      }\n    },\n    disabled: function disabled(newValue, oldValue) {\n      if (newValue !==\n      oldValue && newValue && this.visible) {\n        // Hide dropdown if disabled changes to true\n        this.visible =\n        false;\n      }\n    }\n  },\n  computed: {\n    toggler: function toggler() {\n      return this.$refs.toggle.$el ||\n      this.$refs.toggle;\n    }\n  },\n  methods: {\n    // Event emitter\n    emitEvent: function emitEvent(bvEvt) {\n      var\n      type = bvEvt.type;\n      this.$emit(type, bvEvt);\n      this.emitOnRoot('bv::dropdown::' + type, bvEvt);\n    },\n    showMenu: function showMenu() {\n      if (this.disabled) {\n        return;\n      }\n      // Ensure other menus are\n      closed\n      this.emitOnRoot('bv::dropdown::shown', this);\n\n      // Are we in a navbar ?\n      if (this.inNavbar ===\n      null && this.isNav) {\n        this.inNavbar = Boolean(closest('.navbar', this.$el));\n      }\n\n      // Disable totally\n      Popper.js for Dropdown in Navbar\n      /* istnbul ignore next: can't test popper in JSDOM */\n      if\n      (!this.inNavbar) {\n        if (typeof Popper === 'undefined') {\n          warn('b-dropdown: Popper.js not found. Falling\n          back to CSS positioning.);\n        } else {\n          // for dropup with alignment we use the parent element as popper\n          container\n          var element = this.dropup && this.right || this.split ? this.$el : this.$refs.toggle;\n          // Make

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sure we have a reference to an element, not a component!\n      element = element.$el || element;\n      //
Instantiate popper.js\n      this.createPopper(element);\n      }\n      }\n      this.setTouchStart(true);\n      this.$emit('shown');\n      // Focus on the first item on show\n      this.$nextTick(this.focusFirstItem);\n      },\n      hideMenu: function hideMenu() {\n      this.setTouchStart(false);\n      this.emitOnRoot('bv::dropdown::hidden',
this);\n      this.$emit('hidden');\n      this.removePopper();\n      },\n      createPopper: function createPopper(element)
{\n      this.removePopper();\n      this._popper = new Popper(element, this.$refs.menu, this.getPopperConfig());\n
      },\n      removePopper: function removePopper() {\n      if (this._popper) {\n      // Ensure popper event listeners are
removed cleanly\n      this._popper.destroy();\n      }\n      this._popper = null;\n      },\n      getPopperConfig /*
istanbul ignore next: can't test popper in JSDOM */: function getPopperConfig() {\n      var placement =
AttachmentMap.BOTTOM;\n      if (this.dropup && this.right) {\n      // dropup + right\n      placement =
AttachmentMap.TOPEND;\n      } else if (this.dropup) {\n      // dropup + left\n      placement =
AttachmentMap.TOP;\n      } else if (this.right) {\n      // dropdown + right\n      placement =
AttachmentMap.BOTTOMEND;\n      }\n      var popperConfig = {\n      placement: placement,\n      modifiers:
{\n      offset: {\n      offset: this.offset || 0\n      },\n      flip: {\n      enabled: !this.noFlip\n      }\n
      }\n      };\n      if (this.boundary) {\n      popperConfig.modifiers.preventOverflow = {\n      boundariesElement:
this.boundary\n      };\n      }\n      return assign(popperConfig, this.popperOpts || {});\n      },\n      setTouchStart:
function setTouchStart(on) {\n      var _this = this;\n      /*\n      * If this is a touch-enabled device we add extra\n
      * empty mouseover listeners to the body's immediate children;\n      * only needed because of broken event
delegation on iOS\n      * https://www.quirksmode.org/blog/archives/2014/02/mouse_event_bub.html\n      */\n
if ('ontouchstart' in document.documentElement) {\n      var children = arrayFrom(document.body.children);\n
      children.forEach(function (el) {\n      if (on) {\n      eventOn('mouseover', _this._noop);\n      } else {\n
      eventOff('mouseover', _this._noop);\n      }\n      });\n      },\n      /* istanbul ignore next: not easy to test
*/\n      _noop: function _noop() {\n      // Do nothing event handler (used in touchstart event handler)\n      },\n
      rootCloseListener: function rootCloseListener(vm) {\n      if (vm !== this) {\n      this.visible = false;\n      }\n
      },\n      clickOutListener: function clickOutListener() {\n      this.visible = false;\n      },\n      show: function show() {\n      //
Public method to show dropdown\n      if (this.disabled) {\n      return;\n      }\n      this.visible = true;\n      },\n
      hide: function hide() {\n      // Public method to hide dropdown\n      if (this.disabled) {\n      return;\n      }\n
      this.visible = false;\n      },\n      toggle: function toggle(evt) {\n      // Called only by a button that toggles the menu\n
      evt = evt || {};\n      var type = evt.type;\n      var key = evt.keyCode;\n      if (type !== 'click' && !(type ===
'keydown' && (key === KeyCodes.ENTER || key === KeyCodes.SPACE || key === KeyCodes.DOWN))) {\n      // We only toggle on Click, Enter, Space, and Arrow Down\n
      return;\n      }\n      if (this.disabled) {\n      this.visible = false;\n      return;\n      }\n      this.$emit('toggle', evt);\n      if (evt.defaultPrevented) {\n      // Exit if
canceled\n      return;\n      }\n      evt.preventDefault();\n      evt.stopPropagation();\n      // Toggle visibility\n
      this.visible = !this.visible;\n      },\n      click: function click(evt) {\n      // Called only in split button mode, for the split
button\n      if (this.disabled) {\n      this.visible = false;\n      return;\n      }\n      this.$emit('click', evt);\n      },\n
      /* istanbul ignore next: not easy to test */\n      onKeyDown: function onKeyDown(evt) {\n      // Called from
dropdown menu context\n      var key = evt.keyCode;\n      if (key === KeyCodes.ESC) {\n      // Close on ESC\n
      this.onEsc(evt);\n      } else if (key === KeyCodes.TAB) {\n      // Close on tab out\n      this.onTab(evt);\n      }
      } else if (key === KeyCodes.DOWN) {\n      // Down Arrow\n      this.focusNext(evt, false);\n      } else if (key ===
KeyCodes.UP) {\n      // Up Arrow\n      this.focusNext(evt, true);\n      }\n      },\n      /* istanbul ignore next: not
easy to test */\n      onEsc: function onEsc(evt) {\n      if (this.visible) {\n      this.visible = false;\n
      evt.preventDefault();\n      evt.stopPropagation();\n      // Return focus to original trigger button\n
      this.$nextTick(this.focusToggle);\n      }\n      },\n      /* istanbul ignore next: not easy to test */\n      onTab: function
onTab(evt) {\n      if (this.visible) {\n      // TODO: Need special handler for dealing with form inputs\n      // Tab,
if in a text-like input, we should just focus next item in the dropdown\n      // Note: Inputs are in a special
.dropdown-form container\n      this.visible = false;\n      }\n      },\n      onFocusOut: function onFocusOut(evt) {\n
if (this.$refs.menu.contains(evt.relatedTarget)) {\n      return;\n      }\n      this.visible = false;\n      },\n
      /* istanbul ignore next: not easy to test */\n      onMouseOver: function onMouseOver(evt) {\n      // Focus the item on

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hover\n // TODO: Special handling for inputs? Inputs are in a special .dropdown-form container\n var item =
evt.target;\n if (item.classList.contains('dropdown-item') && !item.disabled &&
!item.classList.contains('disabled') && item.focus) {\n item.focus();\n }\n },\n focusNext: function
focusNext(evt, up) {\n var _this2 = this;\n\n if (!this.visible) {\n return;\n }\n
evt.preventDefault();\n evt.stopPropagation();\n this.$nextTick(function () {\n var items =
_this2.getItems();\n if (items.length < 1) {\n return;\n }\n var index = items.indexOf(evt.target);\n
if (up && index > 0) {\n index--;\n } else if (!up && index < items.length - 1) {\n index++;\n
}\n if (index < 0) {\n index = 0;\n }\n _this2.focusItem(index, items);\n });\n },\n
focusItem: function focusItem(idx, items) {\n var el = items.find(function (el, i) {\n return i === idx;\n
});\n if (el && getAttr(el, 'tabindex') !== '-1') {\n el.focus();\n }\n },\n getItems: function getItems()
{\n // Get all items\n return filterVisible(selectAll(ITEM_SELECTOR, this.$refs.menu));\n },\n
getFirstItem: function getFirstItem() {\n // Get the first non-disabled item\n var item = this.getItems()[0];\n
return item || null;\n },\n focusFirstItem: function focusFirstItem() {\n var item = this.getFirstItem();\n if
(item) {\n this.focusItem(0, [item]);\n }\n },\n focusToggle: function focusToggle() {\n var toggler =
this.toggler;\n if (toggler && toggler.focus) {\n toggler.focus();\n }\n }\n });\n\n";\n\nimport idMixin from
'../mixins/id';\nimport dropdownMixin from '../mixins/dropdown';\n\nexport default {\n mixins: [idMixin,
dropdownMixin],\n render: function render(h) {\n var button = h('a', {\n class: this.toggleClasses,\n ref:
'toggle',\n attrs: {\n href: '#',\n id: this.safeId('_BV_button_'),\n disabled: this.disabled,\n 'aria-
haspopup': 'true',\n 'aria-expanded': this.visible ? 'true' : 'false'\n },\n on: {\n click: this.toggle,\n
keydown: this.toggle // space, enter, down\n }\n }, [this.$slots['button-content'] || this.$slots.text || h('span', {
domProps: { innerHTML: this.text } }));\n var menu = h('div', {\n class: this.menuClasses,\n ref: 'menu',\n
attrs: { 'aria-labelledby': this.safeId('_BV_button_') },\n on: {\n mouseover: this.onMouseOver,\n
keydown: this.onKeydown // tab, up, down, esc\n }\n }, [this.$slots.default]);\n return h('li', { attrs: { id:
this.safeId() }, class: this.dropdownClasses }, [button, menu]);\n },\n\n computed: {\n isNav: function isNav() {\n
// Signal to dropdown mixin that we are in a navbar\n return true;\n },\n dropdownClasses: function
dropdownClasses() {\n return ['nav-item', 'b-nav-dropdown', 'dropdown', this.dropdown ? 'dropdown' : '', this.visible ?
'show' : ''];\n },\n toggleClasses: function toggleClasses() {\n return ['nav-link', this.noCaret ? '' : 'dropdown-
toggle', this.disabled ? 'disabled' : '', this.extraToggleClasses ? this.extraToggleClasses : ''];\n },\n
menuClasses: function menuClasses() {\n return ['dropdown-menu', this.right ? 'dropdown-menu-right' : 'dropdown-menu-left',
this.visible ? 'show' : '', this.extraMenuClasses ? this.extraMenuClasses : ''];\n }\n },\n props: {\n noCaret: {\n
type: Boolean,\n default: false\n },\n extraToggleClasses: {\n // Extra Toggle classes\n type: String,\n
default: ""\n },\n extraMenuClasses: {\n // Extra Menu classes\n type: String,\n default: ""\n },\n role:
{\n type: String,\n default: 'menu'\n }\n }\n });\n\n";\n\nvar _typeof = typeof Symbol === "function" && typeof
Symbol.iterator === "symbol" ? function (obj) { return typeof obj; } : function (obj) { return obj && typeof
Symbol === "function" && obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj;
};\n\nvar _createClass = function () { function defineProperties(target, props) { for (var i = 0; i < props.length; i++)
{ var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false; descriptor.configurable = true; if
("value" in descriptor) descriptor.writable = true; Object.defineProperty(target, descriptor.key, descriptor); } }
return function (Constructor, protoProps, staticProps) { if (protoProps) defineProperties(Constructor.prototype,
protoProps); if (staticProps) defineProperties(Constructor, staticProps); return Constructor; }; }();\n\nfunction
_classCallCheck(instance, Constructor) { if (!(instance instanceof Constructor)) { throw new TypeError("Cannot
call a class as a function"); } }\n\nimport Popper from 'popper.js';\nimport BvEvent from './bv-event.class';\nimport
{ assign } from './object';\nimport { from as arrayFrom } from './array';\nimport { closest, select, isVisible,
isDisabled, getCS, addClass, removeClass, hasClass, setAttr, removeAttr, getAttr, eventOn, eventOff } from
'./dom';\n\nvar NAME = 'tooltip';\nvar CLASS_PREFIX = 'bs-tooltip';\nvar BSCLS_PREFIX_REGEX = new
RegExp("\\\\b" + CLASS_PREFIX + "\\\\S+", 'g');\nvar TRANSITION_DURATION = 150;\n\n// Modal $root
hidden event\nvar MODAL_CLOSE_EVENT = 'bv::modal::hidden';\n\n// Modal container for appending
tip/popover\nvar MODAL_CLASS = '.modal-content';\n\nvar AttachmentMap = {\n AUTO: 'auto',\n TOP: 'top',\n

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RIGHT: 'right',\n BOTTOM: 'bottom',\n LEFT: 'left',\n TOPLEFT: 'top',\n TOPRIGHT: 'top',\n RIGHTTOP:
'right',\n RIGHTBOTTOM: 'right',\n BOTTOMLEFT: 'bottom',\n BOTTOMRIGHT: 'bottom',\n LEFTTOP:
'left',\n LEFTBOTTOM: 'left'\n};\n\nvar OffsetMap = {\n AUTO: 0,\n TOPLEFT: -1,\n TOP: 0,\n TOPRIGHT:
+1,\n RIGHTTOP: -1,\n RIGHT: 0,\n RIGHTBOTTOM: +1,\n BOTTOMLEFT: -1,\n BOTTOM: 0,\n
BOTTOMRIGHT: +1,\n LEFTTOP: -1,\n LEFT: 0,\n LEFTBOTTOM: +1\n};\n\nvar HoverState = {\n SHOW:
'show',\n OUT: 'out'\n};\n\nvar ClassName = {\n FADE: 'fade',\n SHOW: 'show'\n};\n\nvar Selector = {\n
TOOLTIP: '.tooltip',\n TOOLTIP_INNER: '.tooltip-inner',\n ARROW: '.arrow'\n\n // ESLINT: Not used\n // const
Trigger = {\n // HOVER: 'hover',\n // FOCUS: 'focus',\n // CLICK: 'click',\n // BLUR: 'blur',\n //
MANUAL: 'manual'\n // }\n\n};\n\nvar Defaults = {\n animation: true,\n template: '<div class="tooltip"
role="tooltip">' + '<div class="arrow"></div>' + '<div class="tooltip-inner"></div>' + '</div>',\n trigger: 'hover
focus',\n title: '',\n delay: 0,\n html: false,\n placement: 'top',\n offset: 0,\n arrowPadding: 6,\n container: false,\n
fallbackPlacement: 'flip',\n callbacks: {},\n boundary: 'scrollParent'\n\n // Transition Event names\n};\n\nvar
TransitionEndEvents = {\n WebkitTransition: ['webkitTransitionEnd'],\n MozTransition: ['transitionend'],\n
OTransition: ['otransitionend', 'oTransitionEnd'],\n transition: ['transitionend']\n\n // Client Side Tip ID counter for
aria-describedby attribute\n // Could use Alex's uid generator util\n // Each tooltip requires a unique client side
ID\n};\n\nvar NEXTID = 1;\n\n/* istanbul ignore next */\n\nfunction generateId(name) {\n return '__BV_' + name + '_' +
NEXTID++ + '_';\n}\n\n/*\n * ToolTip Class definition\n */\n\n/* istanbul ignore next: difficult to test in
Jest/JSDOM environment */\n\nvar ToolTip = function () {\n // Main constructor\n\n function ToolTip(element,
config, $root) {\n _classCallCheck(this, ToolTip);\n\n // New tooltip object\n this.$isEnabled = true;\n
this.$fadeTimeout = null;\n this.$hoverTimeout = null;\n this.$visibleInterval = null;\n this.$hoverState = '';\n
this.$activeTrigger = {};\n this.$popper = null;\n this.$element = element;\n this.$tip = null;\n this.$id =
generateId(this.constructor.NAME);\n this.$root = $root || null;\n this.$routeWatcher = null;\n // We use a
bound version of the following handlers for root/modal listeners to maintain the 'this' context\n this.$forceHide =
this.forceHide.bind(this);\n this.$doHide = this.doHide.bind(this);\n this.$doShow = this.doShow.bind(this);\n
this.$doDisable = this.doDisable.bind(this);\n this.$doEnable = this.doEnable.bind(this);\n // Set the
configuration\n this.updateConfig(config);\n }\n\n // NOTE: Overridden by PopOver class\n\n _createClass(ToolTip, [{\n key: 'updateConfig',\n\n // Update config\n value: function updateConfig(config) {\n
// Merge config into defaults. We use "this" here because PopOver overrides Default\n var
updatedConfig = assign({}, this.constructor.Default, config);\n\n // Sanitize delay\n if (config.delay &&
typeof config.delay === 'number') {\n updatedConfig.delay = {\n show: config.delay,\n hide:
config.delay\n }; }\n\n // Title for tooltip and popover\n if (config.title && typeof config.title ===
'number') {\n updatedConfig.title = config.title.toString(); }\n\n // Content only for popover\n if
(config.content && typeof config.content === 'number') {\n updatedConfig.content =
config.content.toString(); }\n\n // Hide element original title if needed\n this.fixTitle();\n // Update the
config\n this.$config = updatedConfig;\n // Stop/Restart listening\n this.unListen();\n this.listen();\n
}\n\n // Destroy this instance\n }, {\n key: 'destroy',\n value: function destroy() {\n // Stop listening to
trigger events\n this.unListen();\n // Disable while open listeners/watchers\n
this.setWhileOpenListeners(false);\n // Clear any timeouts\n clearTimeout(this.$hoverTimeout);\n
this.$hoverTimeout = null;\n clearTimeout(this.$fadeTimeout);\n this.$fadeTimeout = null;\n // Remove
popper\n if (this.$popper) {\n this.$popper.destroy(); }\n this.$popper = null;\n // Remove tip
from document\n if (this.$tip && this.$tip.parentElement) {\n
this.$tip.parentElement.removeChild(this.$tip);\n }\n this.$tip = null;\n // Null out other properties\n
this.$id = null;\n this.$isEnabled = null;\n this.$root = null;\n this.$element = null;\n this.$config =
null;\n this.$hoverState = null;\n this.$activeTrigger = null;\n this.$forceHide = null;\n this.$doHide =
null;\n this.$doShow = null;\n this.$doDisable = null;\n this.$doEnable = null;\n }\n }, {\n key:
'enable',\n value: function enable() {\n // Create a non-cancelable BvEvent\n var enabledEvt = new
BvEvent('enabled', {\n cancelable: false,\n target: this.$element,\n relatedTarget: null\n });\n
this.$isEnabled = true;\n this.emitEvent(enabledEvt);\n }\n }, {\n key: 'disable',\n value: function disable()

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{\n // Create a non-cancelable BvEvent\n var disabledEvt = new BvEvent('disabled', {\n cancelable:
false,\n target: this.$element,\n relatedTarget: null\n });\n this.$isEnabled = false;\n
this.emitEvent(disabledEvt);\n }\n\n // Click toggler\n\n }, {\n key: 'toggle',\n value: function toggle(event)
{\n if (!this.$isEnabled) {\n return;\n }\n if (event) {\n this.$activeTrigger.click =
!this.$activeTrigger.click;\n\n if (this.isWithActiveTrigger()) {\n this.enter(null);\n } else {\n
this.leave(null);\n }\n } else {\n if (hasClass(this.getTipElement(), ClassName.SHOW)) {\n
this.leave(null);\n } else {\n this.enter(null);\n }\n }\n }\n\n // Show tooltip\n\n }, {\n key:
'show',\n value: function show() {\n var _this = this;\n\n if (!document.body.contains(this.$element) ||
!isVisible(this.$element)) {\n // If trigger element isn't in the DOM or is not visible\n return;\n }\n //
Build tooltip element (also sets this.$tip)\n var tip = this.getTipElement();\n this.fixTitle();\n
this.setContent(tip);\n if (!this.isWithContent(tip)) {\n // if No content, don't bother showing\n this.$tip =
null;\n return;\n }\n\n // Set ID on tip and aria-describedby on element\n setAttr(tip, 'id', this.$id);\n
this.addAriaDescribedby();\n\n // Set animation on or off\n if (this.$config.animation) {\n addClass(tip,
ClassName.FADE);\n } else {\n removeClass(tip, ClassName.FADE);\n }\n\n var placement =
this.getPlacement();\n var attachment = this.constructor.getAttachment(placement);\n
this.addAttachmentClass(attachment);\n\n // Create a cancelable BvEvent\n var showEvt = new
BvEvent('show', {\n cancelable: true,\n target: this.$element,\n relatedTarget: tip\n });\n
this.emitEvent(showEvt);\n if (showEvt.defaultPrevented) {\n // Don't show if event cancelled\n this.$tip
= null;\n return;\n }\n\n // Insert tooltip if needed\n var container = this.getContainer();\n if
(!document.body.contains(tip)) {\n container.appendChild(tip);\n }\n\n // Refresh popper\n
this.removePopper();\n this.$popper = new Popper(this.$element, tip, this.getPopperConfig(placement, tip));\n\n
// Transitionend Callback\n var complete = function complete() {\n if (_this.$config.animation) {\n
_this.fixTransition(tip);\n }\n var prevHoverState = _this.$hoverState;\n _this.$hoverState = null;\n
if (prevHoverState === HoverState.OUT) {\n _this.leave(null);\n }\n\n // Create a non-cancelable
BvEvent\n var shownEvt = new BvEvent('shown', {\n cancelable: false,\n target: _this.$element,\n
relatedTarget: tip\n });\n _this.emitEvent(shownEvt);\n });\n\n // Enable while open
listeners/watchers\n this.setWhileOpenListeners(true);\n\n // Show tip\n addClass(tip,
ClassName.SHOW);\n\n // Start the transition/animation\n this.transitionOnce(tip, complete);\n }\n\n //
handler for periodic visibility check\n\n }, {\n key: 'visibleCheck',\n value: function visibleCheck(on) {\n var
_this2 = this;\n\n clearInterval(this.$visibleInterval);\n this.$visibleInterval = null;\n if (on) {\n
this.$visibleInterval = setInterval(function () {\n var tip = _this2.getTipElement();\n if (tip &&
!isVisible(_this2.$element) && hasClass(tip, ClassName.SHOW)) {\n // Element is no longer visible, so
force-hide the tooltip\n _this2.forceHide();\n }\n }, 100);\n }\n }\n }, {\n key:
'setWhileOpenListeners',\n value: function setWhileOpenListeners(on) {\n // Modal close events\n
this.setModalListener(on);\n // Periodic $element visibility check\n // For handling when tip is in <keepalive>,
tabs, carousel, etc\n this.visibleCheck(on);\n // Route change events\n this.setRouteWatcher(on);\n //
Ontouch start listeners\n this.setOnTouchStartListener(on);\n if (on &&
/(focus|blur)/.test(this.$config.trigger)) {\n // If focus moves between trigger element and tip container, dont
close\n eventOn(this.$tip, 'focusout', this);\n } else {\n eventOff(this.$tip, 'focusout', this);\n }\n
}\n\n // force hide of tip (internal method)\n\n }, {\n key: 'forceHide',\n value: function forceHide() {\n if
(!this.$tip || !hasClass(this.$tip, ClassName.SHOW)) {\n return;\n }\n\n // Disable while open
listeners/watchers\n this.setWhileOpenListeners(false);\n // Clear any hover enter/leave event\n
clearTimeout(this.$hoverTimeout);\n this.$hoverTimeout = null;\n this.$hoverState = '';\n // Hide the tip\n
this.hide(null, true);\n }\n\n // Hide tooltip\n\n }, {\n key: 'hide',\n value: function hide(callback, force) {\n
var _this3 = this;\n\n var tip = this.$tip;\n if (!tip) {\n return;\n }\n\n // Create a cancelable
BvEvent\n var hideEvt = new BvEvent('hide', {\n // We disable cancelling if force is true\n cancelable:
!force,\n target: this.$element,\n relatedTarget: tip\n });\n this.emitEvent(hideEvt);\n if
(hideEvt.defaultPrevented) {\n // Don't hide if event cancelled\n return;\n }\n\n // Transitionend

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Callback\n    /* istanbul ignore next */\n    var complete = function complete() {\n        if (_this3.$hoverState !==
HoverState.SHOW && tip.parentNode) {\n            // Remove tip from dom, and force recompile on next show\n
tip.parentNode.removeChild(tip);\n            _this3.removeAriaDescribedby();\n            _this3.removePopper();\n
_this3.$tip = null;\n        }\n        if (callback) {\n            callback();\n        }\n        // Create a non-cancelable
BvEvent\n        var hiddenEvt = new BvEvent('hidden', {\n            cancelable: false,\n            target: _this3.$element,\n
relatedTarget: null\n        });\n        _this3.emitEvent(hiddenEvt);\n    }; \n\n    // Disable while open
listeners/watchers\n    this.setWhileOpenListeners(false);\n\n    // If forced close, disable animation\n    if (force)
{\n        removeClass(tip, ClassName.FADE);\n    }\n    // Hide tip\n    removeClass(tip, ClassName.SHOW);\n\n
this.$activeTrigger.click = false;\n    this.$activeTrigger.focus = false;\n    this.$activeTrigger.hover = false;\n\n
    // Start the hide transition\n    this.transitionOnce(tip, complete);\n\n    this.$hoverState = '';\n    }, {\n
key: 'emitEvent',\n    value: function emitEvent(evt) {\n        var evtName = evt.type;\n        if (this.$root &&
this.$root.$emit) {\n            // Emit an event on $root\n            this.$root.$emit('bv::' + this.constructor.NAME + '::' +
evtName, evt);\n        }\n        var callbacks = this.$config.callbacks || {};\n        if (typeof callbacks[evtName] ===
'function') {\n            callbacks[evtName](evt);\n        }\n    }, {\n    key: 'getContainer',\n    value: function
getContainer() {\n        var container = this.$config.container;\n        var body = document.body;\n        // If we are in a
modal, we append to the modal instead of body, unless a container is specified\n        return container === false ?
closest(MODAL_CLASS, this.$element) || body : select(container, body) || body;\n    }\n\n    // Will be overridden by
popover if needed\n    }, {\n    key: 'addAriaDescribedby',\n    value: function addAriaDescribedby() {\n        // Add
aria-describedby on trigger element, without removing any other IDs\n        var desc = getAttr(this.$element, 'aria-
describedby') || '';\n        desc = desc.split(/\\s+/).concat(this.$id).join(' ').trim();\n        setAttr(this.$element, 'aria-
describedby', desc);\n    }\n\n    // Will be overridden by popover if needed\n    }, {\n    key:
'removeAriaDescribedby',\n    value: function removeAriaDescribedby() {\n        var _this4 = this;\n        var desc =
getAttr(this.$element, 'aria-describedby') || '';\n        desc = desc.split(/\\s+/).filter(function (d) {\n            return d !==
_this4.$id;\n        }).join(' ').trim();\n        if (desc) {\n            setAttr(this.$element, 'aria-describedby', desc);\n        } else
{\n            removeAttr(this.$element, 'aria-describedby');\n        }\n    }, {\n    key: 'removePopper',\n    value:
function removePopper() {\n        if (this.$popper) {\n            this.$popper.destroy();\n        }\n        this.$popper = null;\n
    }\n\n    /* istanbul ignore next */\n    }, {\n    key: 'transitionOnce',\n    value: function transitionOnce(tip, complete)
{\n        var _this5 = this;\n        var transEvents = this.getTransitionEndEvents();\n        var called = false;\n
clearTimeout(this.$fadeTimeout);\n        this.$fadeTimeout = null;\n        var fnOnce = function fnOnce() {\n            if
(called) {\n                return;\n            }\n            called = true;\n            clearTimeout(_this5.$fadeTimeout);\n
_this5.$fadeTimeout = null;\n            transEvents.forEach(function (evtName) {\n                eventOff(tip, evtName,
fnOnce);\n            });\n            // Call complete callback\n            complete();\n        }; \n        if (hasClass(tip,
ClassName.FADE)) {\n            transEvents.forEach(function (evtName) {\n                eventOn(tip, evtName, fnOnce);\n
            });\n            // Fallback to setTimeout\n            this.$fadeTimeout = setTimeout(fnOnce,
TRANSITION_DURATION);\n        } else {\n            fnOnce();\n        }\n    }\n\n    // What transitionend event(s) to
use? (returns array of event names)\n    }, {\n    key: 'getTransitionEndEvents',\n    value: function
getTransitionEndEvents() {\n        for (var name in TransitionEndEvents) {\n            if (this.$element.style[name] !==
undefined) {\n                return TransitionEndEvents[name];\n            }\n        }\n        // fallback\n        return [];\n    }, {\n
key: 'update',\n    value: function update() {\n        if (this.$popper !== null) {\n            this.$popper.scheduleUpdate();\n        }
    }\n\n    // NOTE: Overridden by PopOver class\n    }, {\n    key: 'isWithContent',\n    value: function
isWithContent(tip) {\n        tip = tip || this.$tip;\n        if (!tip) {\n            return false;\n        }\n        return
Boolean((select(Selector.TOOLTIP_INNER, tip) || {}).innerHTML);\n    }\n\n    // NOTE: Overridden by PopOver
class\n    }, {\n    key: 'addAttachmentClass',\n    value: function addAttachmentClass(attachment) {\n        addClass(this.getTipElement(),
CLASS_PREFIX + '-' + attachment);\n    }\n    }, {\n    key: 'getTipElement',\n    value: function getTipElement() {\n        if (!this.$tip) {\n            // Try and compile user supplied template, or fallback
to default template\n            this.$tip = this.compileTemplate(this.$config.template) ||
this.compileTemplate(this.constructor.Default.template);\n        }\n        // Add tab index so tip can be focused, and to
allow it to be set as relatedTarget in focusin/out events\n        this.$tip.tabIndex = -1;\n        return this.$tip;\n    }\n    },

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{\n  key: 'compileTemplate',\n  value: function compileTemplate(html) {\n    if (!html || typeof html !== 'string')\n    {\n      return null;\n    }\n    var div = document.createElement('div');\n    div.innerHTML = html.trim();\n    var node = div.firstChild ? div.removeChild(div.firstChild) : null;\n    div = null;\n    return\n    node;\n  }\n\n  // NOTE: Overridden by PopOver class\n  }, {\n  key: 'setContent',\n  value: function\n  setContent(tip) {\n    this.setElementContent(select(Selector.TOOLTIP_INNER, tip), this.getTitle());\n    removeClass(tip, ClassName.FADE);\n    removeClass(tip, ClassName.SHOW);\n  }\n  }, {\n  key:\n  'setElementContent',\n  value: function setElementContent(container, content) {\n    if (!container) {\n      // If\n      container element doesn't exist, just return\n      return;\n    }\n    var allowHtml = this.$config.html;\n    if\n    ((typeof content === 'undefined' ? 'undefined' : _typeof(content)) === 'object' && content.nodeType) {\n      //\n      content is a DOM node\n      if (allowHtml) {\n        if (content.parentElement !== container) {\n          container.innerHTML = "";\n          container.appendChild(content);\n        }\n      } else {\n        container.innerHTML = content.innerHTML;\n      }\n    } else {\n      // We have a plain HTML string or Text\n      container[allowHtml ? 'innerHTML' : 'innerText'] = content;\n    }\n  }\n\n  // NOTE: Overridden by PopOver\n  class\n  }, {\n  key: 'getTitle',\n  value: function getTitle() {\n    var title = this.$config.title || "";\n    if (typeof\n    title === 'function') {\n      // Call the function to get the title value\n      title = title(this.$element);\n    }\n    if\n    ((typeof title === 'undefined' ? 'undefined' : _typeof(title)) === 'object' && title.nodeType &&\n    !title.innerHTML.trim()) {\n      // We have a DOM node, but without inner content, so just return empty string\n      title = "";\n    }\n    if (typeof title === 'string') {\n      title = title.trim();\n    }\n    if (!title) {\n      // If an\n      explicit title is not given, try element's title attributes\n      title = getAttr(this.$element, 'title') ||\n      getAttr(this.$element, 'data-original-title') || "";\n      title = title.trim();\n    }\n    return title;\n  }\n  }, {\n  key: 'listen',\n  value: function listen() {\n    var _this6 = this;\n    var triggers =\n    this.$config.trigger.trim().split(/\\s+/);\n    var el = this.$element;\n    // Listen for global show/hide events\n    this.setRootListener(true);\n    // Using 'this' as the handler will get automagically directed to this.handleEvent\n    // And maintain our binding to 'this'\n    triggers.forEach(function (trigger) {\n      if (trigger === 'click') {\n        eventOn(el, 'click', _this6);\n      } else if (trigger === 'focus') {\n        eventOn(el, 'focusin', _this6);\n        eventOn(el, 'focusout', _this6);\n      } else if (trigger === 'blur') {\n        // Used to close $tip when element loses\n        focus\n        eventOn(el, 'focusout', _this6);\n      } else if (trigger === 'hover') {\n        eventOn(el, 'mouseenter',\n        _this6);\n        eventOn(el, 'mouseleave', _this6);\n      }\n    }, this);\n  }\n  }, {\n  key: 'unListen',\n  value:\n  function unListen() {\n    var _this7 = this;\n    var events = ['click', 'focusin', 'focusout', 'mouseenter',\n    'mouseleave'];\n    // Using \"this\" as the handler will get automagically directed to this.handleEvent\n    events.forEach(function (evt) {\n      eventOff(_this7.$element, evt, _this7);\n    }, this);\n    // Stop listening\n    for global show/hide/enable/disable events\n    this.setRootListener(false);\n  }\n  }, {\n  key: 'handleEvent',\n  value: function handleEvent(e) {\n    // This special method allows us to use \"this\" as the event handlers\n    if\n    (isDisabled(this.$element)) {\n      // If disabled, don't do anything. Note: if tip is shown before element gets\n      // disabled, then tip not close until no longer disabled or forcefully closed.\n      return;\n    }\n    if\n    (!this.$isEnabled) {\n      // If not enable\n      return;\n    }\n    var type = e.type;\n    var target = e.target;\n    var relatedTarget = e.relatedTarget;\n    var $element = this.$element;\n    var $tip = this.$tip;\n    if (type ===\n    'click') {\n      this.toggle(e);\n    } else if (type === 'focusin' || type === 'mouseenter') {\n      this.enter(e);\n    } else if (type === 'focusout') {\n      // target is the element which is loosing focus\n      // And relatedTarget is the\n      element gaining focus\n      if ($tip && $element && $element.contains(target) && $tip.contains(relatedTarget))\n      {\n        // If focus moves from $element to $tip, don't trigger a leave\n        return;\n      }\n      if ($tip &&\n      $element && $tip.contains(target) && $element.contains(relatedTarget)) {\n        // If focus moves from $tip to\n        $element, don't trigger a leave\n        return;\n      }\n      if ($tip && $tip.contains(target) &&\n      $tip.contains(relatedTarget)) {\n        // If focus moves within $tip, don't trigger a leave\n        return;\n      }\n      if ($element && $element.contains(target) && $element.contains(relatedTarget)) {\n        // If focus moves within\n        $element, don't trigger a leave\n        return;\n      }\n      // Otherwise trigger a leave\n      this.leave(e);\n    } else if (type === 'mouseleave') {\n      this.leave(e);\n    }\n  }\n  }, {\n  key:\n  'setRouteWatcher',\n  value: function setRouteWatcher(on) {\n    var _this8 = this;\n    if (on) {\n

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this.setRouteWatcher(false);\n    if (this.$root && Boolean(this.$root.$route)) {\n        this.$routeWatcher =
this.$root.$watch('$route', function (newVal, oldVal) {\n            if (newVal === oldVal) {\n                return;\n            }\n            // If route has changed, we force hide the tooltip/popover\n            _this8.forceHide();\n        });\n    }\n    } else {\n        if (this.$routeWatcher) {\n            // cancel the route watcher by calling hte stored reference\n            this.$routeWatcher();\n            this.$routeWatcher = null;\n        }\n    }\n}\n\n/* istanbul ignore next *\n\n },\n {\n    key: 'setModalListener',\n    value: function setModalListener(on) {\n        var modal =
closest(MODAL_CLASS, this.$element);\n        if (!modal) {\n            // If we are not in a modal, don't worry. be
happy\n            return;\n        }\n        // We can listen for modal hidden events on $root\n        if (this.$root) {\n            this.$root[on ? '$on' : '$off'](MODAL_CLOSE_EVENT, this.$forceHide);\n        }\n    }\n\n/* istanbul ignore next
*\n\n }, {\n    key: 'setRootListener',\n    value: function setRootListener(on) {\n        // Listen for global
'bv::{hide|show}::{tooltip|popover}' hide request event\n        if (this.$root) {\n            this.$root[on ? '$on' :
'$off']('bv::hide:' + this.constructor.NAME, this.$doHide);\n            this.$root[on ? '$on' : '$off']('bv::show:' +
this.constructor.NAME, this.$doShow);\n            this.$root[on ? '$on' : '$off']('bv::disable:' + this.constructor.NAME,
this.$doDisable);\n            this.$root[on ? '$on' : '$off']('bv::enable:' + this.constructor.NAME, this.$doEnable);\n        }\n    }\n\n }, {\n    key: 'doHide',\n    value: function doHide(id) {\n        // Programmatically hide tooltip or popover\n        if (!id) {\n            // Close all tooltips or popovers\n            this.forceHide();\n        } else if (this.$element &&
this.$element.id && this.$element.id === id) {\n            // Close this specific tooltip or popover\n            this.hide();\n        }\n    }\n\n }, {\n    key: 'doShow',\n    value: function doShow(id) {\n        // Programmatically show tooltip or
popover\n        if (!id) {\n            // Open all tooltips or popovers\n            this.show();\n        } else if (id && this.$element
&& this.$element.id && this.$element.id === id) {\n            // Show this specific tooltip or popover\n            this.show();\n        }\n    }\n\n }, {\n    key: 'doDisable',\n    value: function doDisable(id) {\n        // Programmatically
disable tooltip or popover\n        if (!id) {\n            // Disable all tooltips or popovers\n            this.disable();\n        } else if
(this.$element && this.$element.id && this.$element.id === id) {\n            // Disable this specific tooltip or popover\n            this.disable();\n        }\n    }\n\n }, {\n    key: 'doEnable',\n    value: function doEnable(id) {\n        //
Programmatically enable tooltip or popover\n        if (!id) {\n            // Enable all tooltips or popovers\n            this.enable();\n        } else if (this.$element && this.$element.id && this.$element.id === id) {\n            // Enable this
specific tooltip or popover\n            this.enable();\n        }\n    }\n\n }\n\n/* istanbul ignore next *\n\n }, {\n    key:
'setOnTouchStartListener',\n    value: function setOnTouchStartListener(on) {\n        var _this9 = this;\n\n        // if this
is a touch-enabled device we add extra\n        // empty mouseover listeners to the body's immediate children;\n        //
only needed because of broken event delegation on iOS\n        //
https://www.quirksmode.org/blog/archives/2014/02/mouse\_event\_bub.html\n        if ('ontouchstart' in
document.documentElement) {\n            arrayFrom(document.body.children).forEach(function (el) {\n                if (on) {\n                    eventOn(el, 'mouseover', _this9._noop);\n                } else {\n                    eventOff(el, 'mouseover', _this9._noop);\n                }\n            });\n        }\n\n/* istanbul ignore next *\n\n }, {\n    key: '_noop',\n    value: function _noop() {\n
// Empty noop handler for ontouchstart devices\n    }\n\n }, {\n    key: 'fixTitle',\n    value: function fixTitle() {\n        var el = this.$element;\n        var titleType = _typeof(getAttr(el, 'data-original-title'));\n        if (getAttr(el, 'title') ||
titleType !== 'string') {\n            setAttr(el, 'data-original-title', getAttr(el, 'title') || '');\n            setAttr(el, 'title', '');\n        }\n    }\n\n // Enter handler\n    /* istanbul ignore next *\n\n }, {\n    key: 'enter',\n    value: function enter(e) {\n        var _this10 = this;\n\n        if (e) {\n            this.$activeTrigger[e.type === 'focusin' ? 'focus' : 'hover'] = true;\n        }\n\n        if (hasClass(this.getTipElement(), ClassName.SHOW) || this.$shoverState === HoverState.SHOW) {\n            this.$shoverState = HoverState.SHOW;\n            return;\n        }\n\n        clearTimeout(this.$shoverTimeout);\n        this.$shoverState = HoverState.SHOW;\n        if (!this.$config.delay || !this.$config.delay.show) {\n            this.show();\n            return;\n        }\n\n        this.$shoverTimeout = setTimeout(function () {\n            if (_this10.$shoverState ===
HoverState.SHOW) {\n                _this10.show();\n            }\n        }, this.$config.delay.show);\n    }\n\n // Leave
handler\n    /* istanbul ignore next *\n\n }, {\n    key: 'leave',\n    value: function leave(e) {\n        var _this11 =
this;\n\n        if (e) {\n            this.$activeTrigger[e.type === 'focusout' ? 'focus' : 'hover'] = false;\n            if (e.type ===
'focusout' && /blur/.test(this.$config.trigger)) {\n                // Special case for `blur`: we clear out the other triggers\n                this.$activeTrigger.click = false;\n                this.$activeTrigger.hover = false;\n            }\n        }\n    }\n\n if

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(this.isWithActiveTrigger()) {\n  return;\n }\n clearTimeout(this.$shoverTimeout);\n this.$shoverState =
HoverState.OUT;\n if (!this.$config.delay || !this.$config.delay.hide) {\n  this.hide();\n  return;\n }\n this.$shoverTimeout = setTimeout(function () {\n  if (_this11.$shoverState === HoverState.OUT) {\n    _this11.hide();\n  }\n }, this.$config.delay.hide);\n }, {\n  key: 'getPopperConfig',\n  value: function
getPopperConfig(placement, tip) {\n  var _this12 = this;\n  return {\n    placement:
this.constructor.getAttachment(placement),\n    modifiers: {\n      offset: { offset: this.getOffset(placement, tip)
},\n      flip: { behavior: this.$config.fallbackPlacement },\n      arrow: { element: '.arrow' },\n      preventOverflow: { boundariesElement: this.$config.boundary }\n    },\n    onCreate: function onCreate(data)
{\n      // Handle flipping arrow classes\n      if (data.originalPlacement !== data.placement) {\n        _this12.handlePopperPlacementChange(data);\n      }\n    },\n    onUpdate: function onUpdate(data) {\n      // Handle flipping arrow classes\n      _this12.handlePopperPlacementChange(data);\n    }\n  };,\n  key: 'getOffset',\n  value: function getOffset(placement, tip) {\n  if (!this.$config.offset) {\n    var arrow =
select(Selector.ARROW, tip);\n    var arrowOffset = parseFloat(getCS(arrow).width) +
parseFloat(this.$config.arrowPadding);\n    switch (OffsetMap[placement.toUpperCase()]) {\n      case +1:\n        return '+50%p - ' + arrowOffset + 'px';\n      case -1:\n        return '-50%p + ' + arrowOffset + 'px';\n      default:\n        return 0;\n    }\n  }\n  return this.$config.offset;\n }, {\n  key: 'getPlacement',\n  value: function getPlacement() {\n  var placement = this.$config.placement;\n  if (typeof placement ===
'function') {\n    return placement.call(this, this.$tip, this.$element);\n  }\n  return placement;\n }, {\n  key: 'isWithActiveTrigger',\n  value: function isWithActiveTrigger() {\n  for (var trigger in this.$activeTrigger)
{\n    if (this.$activeTrigger[trigger]) {\n      return true;\n    }\n  }\n  return false;\n }\n // NOTE:
Overridden by PopOver class\n }, {\n  key: 'cleanTipClass',\n  value: function cleanTipClass() {\n  var tip =
this.getTipElement();\n  var tabClass = tip.className.match(BSCLS_PREFIX_REGEX);\n  if (tabClass !==
null && tabClass.length > 0) {\n    tabClass.forEach(function (cls) {\n      removeClass(tip, cls);\n    });\n  }\n }, {\n  key: 'handlePopperPlacementChange',\n  value: function handlePopperPlacementChange(data)
{\n  this.cleanTipClass();\n  this.addClass(this.constructor.getAttachment(data.placement));\n }, {\n  key: 'fixTransition',\n  value: function fixTransition(tip) {\n  var initConfigAnimation =
this.$config.animation || false;\n  if (getAttr(tip, 'x-placement') !== null) {\n    return;\n  }\n  removeClass(tip, ClassName.FADE);\n  this.$config.animation = false;\n  this.hide();\n  this.show();\n  this.$config.animation = initConfigAnimation;\n }, {\n  key: 'getAttachment',\n  value: function
getAttachment(placement) {\n  return AttachmentMap[placement.toUpperCase()];\n }, {\n  key:
'Default',\n  get: function get() {\n  return Defaults;\n }\n // NOTE: Overridden by PopOver class\n },
{\n  key: 'NAME',\n  get: function get() {\n  return NAME;\n }\n });\n\n return ToolTip;\n\n\nexport
default ToolTip;","var _typeof = typeof Symbol === \"function\" && typeof Symbol.iterator === \"symbol\" ?
function (obj) { return typeof obj; } : function (obj) { return obj && typeof Symbol === \"function\" &&
obj.constructor === Symbol && obj !== Symbol.prototype ? \"symbol\" : typeof obj; };n\nvar _createClass =
function () { function defineProperties(target, props) { for (var i = 0; i < props.length; i++) { var descriptor =
props[i]; descriptor.enumerable = descriptor.enumerable || false; descriptor.configurable = true; if (\"value\" in
descriptor) descriptor.writable = true; Object.defineProperty(target, descriptor.key, descriptor); } } return function
(Constructor, protoProps, staticProps) { if (protoProps) defineProperties(Constructor.prototype, protoProps); if
(staticProps) defineProperties(Constructor, staticProps); return Constructor; }; }();n\nfunction
_classCallCheck(instance, Constructor) { if (!(instance instanceof Constructor)) { throw new TypeError(\"Cannot
call a class as a function\"); } }\n\nfunction _possibleConstructorReturn(self, call) { if (!self) { throw new
ReferenceError(\"this hasn't been initialised - super() hasn't been called\"); } return call && (typeof call ===
\"object\" || typeof call === \"function\") ? call : self; }\n\nfunction _inherits(subClass, superClass) { if (typeof
superClass !== \"function\" && superClass !== null) { throw new TypeError(\"Super expression must either be null
or a function, not \" + typeof superClass); } subClass.prototype = Object.create(superClass &&
superClass.prototype, { constructor: { value: subClass, enumerable: false, writable: true, configurable: true } }); if
(superClass) Object.setPrototypeOf ? Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ =

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superClass; }\n\nimport Tooltip from './tooltip.class';\nimport { assign } from './object';\nimport { select, addClass,\nremoveClass, getAttr } from './dom';\n\nvar NAME = 'popover';\nvar CLASS_PREFIX = 'bs-popover';\nvar\nBSCLS_PREFIX_REGEX = new RegExp("\\\\b" + CLASS_PREFIX + "\\|S+", 'g');\n\nvar Defaults = assign({},\nTooltip.Default, {\n  placement: 'right',\n  trigger: 'click',\n  content: "",\n  template: '<div class="popover" role="tooltip">' + '<div class="arrow"></div>' + '<h3 class="popover-header"></h3>' + '<div class="popover-body"></div></div>');\n\nvar ClassName = {\n  FADE: 'fade',\n  SHOW: 'show'};\n\nvar Selector = {\n  TITLE: '.popover-header',\n  CONTENT: '.popover-body'}\n\n/* istanbul ignore next: difficult to test in Jest/JSDOM\nenvironment */\n\nvar PopOver = function (_Tooltip) {\n  _inherits(PopOver, _Tooltip);\n\n  function PopOver()\n  {\n    _classCallCheck(this, PopOver);\n\n    return _possibleConstructorReturn(this, (PopOver.__proto__ ||\nObject.getPrototypeOf(PopOver)).apply(this, arguments));\n  }\n\n  _createClass(PopOver, [{\n    key:\n    'isWithContent',\n    // Method overrides\n    value: function isWithContent(tip) {\n      tip = tip || this.$tip;\n      if (!tip) {\n        return false;\n      }\n      var hasTitle = Boolean((select(Selector.TITLE, tip) || {}).innerHTML);\n      var hasContent = Boolean((select(Selector.CONTENT, tip) || {}).innerHTML);\n      return hasTitle || hasContent;\n    }\n  }, {\n    key: 'addAttachmentClass',\n    value: function addAttachmentClass(attachment) {\n      addClass(this.getTipElement(), CLASS_PREFIX + '-' + attachment);\n    }\n  }, {\n    key: 'setContent',\n    value: function setContent(tip) {\n      // we use append for html objects to maintain js events/components\n      this.setElementContent(select(Selector.TITLE, tip), this.getTitle());\n      this.setElementContent(select(Selector.CONTENT, tip), this.getContent());\n      removeClass(tip,\n      ClassName.FADE);\n      removeClass(tip, ClassName.SHOW);\n    }\n  }, {\n    // This method may look identical to\n    Tooltip version, but it uses a different RegEx defined above\n    key: 'cleanTipClass',\n    value: function cleanTipClass()\n    {\n      var tip = this.getTipElement();\n      var tabClass =\ntip.className.match(BSCLS_PREFIX_REGEX);\n      if (tabClass !== null && tabClass.length > 0) {\n        tabClass.forEach(function (cls) {\n          removeClass(tip, cls);\n        });\n      }\n    }\n  }, {\n    key: 'getTitle',\n    value: function getTitle()\n    {\n      var title = this.$config.title || "";\n      if (typeof title === 'function') {\n        title =\ntitle(this.$element);\n      }\n      if ((typeof title === 'undefined' ? 'undefined' : _typeof(title)) === 'object' &&\ntitle.nodeType && !title.innerHTML.trim()) {\n        // We have a dom node, but without inner content, so just\n        return an empty string\n        title = "";\n      }\n      if (typeof title === 'string') {\n        title = title.trim();\n      }\n      if (!title) {\n        // Try and grab element's title attribute\n        title = getAttr(this.$element, 'title') ||\ngetAttr(this.$element, 'data-original-title') || "";\n        title = title.trim();\n      }\n      return title;\n    }\n  }, {\n    // New\n    key: 'getContent',\n    value: function getContent()\n    {\n      var content = this.$config.content ||\n"";\n      if (typeof content === 'function') {\n        content = content(this.$element);\n      }\n      if ((typeof content === 'undefined' ? 'undefined' : _typeof(content)) === 'object' &&\ncontent.nodeType &&\n!content.innerHTML.trim()) {\n        // We have a dom node, but without inner content, so just return an empty\n        string\n        content = "";\n      }\n      if (typeof content === 'string') {\n        content = content.trim();\n      }\n      return content;\n    }\n  }], [{\n    key: 'Default',\n    // Getter overrides\n    get: function get()\n    {\n      return\nDefaults;\n    }\n  }, {\n    key: 'NAME',\n    get: function get()\n    {\n      return\nNAME;\n    }\n  }]);\n\nreturn\nPopOver;\n}(Tooltip);\n\nexport default PopOver;"} // Polyfills for SSR\n\nvar isSSR = typeof window ===\n'undefined';\n\nexport var HTMLInputElement = isSSR ? Object : window.HTMLInputElement;,"var _typeof =\ntypeof\nSymbol === \"function\" && typeof Symbol.iterator === \"symbol\" ? function (obj) {\nreturn\ntypeof\nobj; } :\nfunction (obj) {\nreturn\nobj && typeof Symbol === \"function\" && obj.constructor === Symbol && obj !==\nSymbol.prototype ? \"symbol\" :\ntypeof\nobj; };\n\n/*\n * Tooltip/Popover component mixin\n * Common props\n */\nimport { isArray } from '../utils/array';\nimport { assign } from '../utils/object';\nimport { isElement, getByID } from\n../utils/dom';\nimport { HTMLInputElement } from '../utils/ssr';\nimport observeDom from\n../utils/observe-dom';\n\nvar PLACEMENTS = {\n  top: 'top',\n  topleft: 'topleft',\n  topright: 'topright',\n  right: 'right',\n  righttop: 'righttop',\n  rightbottom: 'rightbottom',\n  bottom: 'bottom',\n  bottomleft: 'bottomleft',\n  bottomright: 'bottomright',\n  left: 'left',\n  lefttop: 'lefttop',\n  leftbottom: 'leftbottom',\n  auto: 'auto'};\n\nvar\nOBSERVER_CONFIG = {\n  subtree: true,\n  childList: true,\n  characterData: true,\n  attributes: true,\n  attributeFilter: ['class', 'style']};\n\nexport default {\n  props: {\n    target: {\n      // String ID of element, or

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element/component reference\n  type: [String, Object, HTMLElement, Function]\n  },\n  delay: {\n  type:
[Number, Object, String],\n  default: 0\n  },\n  offset: {\n  type: [Number, String],\n  default: 0\n  },\n  noFade: {\n  type: Boolean,\n  default: false\n  },\n  container: {\n  // String ID of container, if null body is
used (default)\n  type: String,\n  default: null\n  },\n  boundary: {\n  // String: scrollParent, window, or
viewport\n  // Element: element reference\n  type: [String, Object],\n  default: 'scrollParent'\n  },\n  show:
{\n  type: Boolean,\n  default: false\n  },\n  disabled: {\n  type: Boolean,\n  default: false\n  }\n  },\n  watch: {\n  show: function show(_show, old) {\n  if (_show === old) {\n  return;\n  }\n  _show ?
this.onOpen() : this.onClose();\n  },\n  disabled: function disabled(_disabled, old) {\n  if (_disabled === old)
{\n  return;\n  }\n  _disabled ? this.onDisable() : this.onEnable();\n  }\n  },\n  created: function created()
{\n  // Create non-reactive property\n  this._tooltip = null;\n  this._obs_title = null;\n  this._obs_content =
null;\n  },\n  mounted: function mounted() {\n  var _this = this;\n  // We do this in a next tick to ensure DOM
has rendered first\n  this.$nextTick(function () {\n  // Instantiate Tooltip/Popover on target\n  // The
createTooltip method must exist in main component\n  if (_this.createTooltip()) {\n  if (_this.disabled) {\n
  // Initially disabled\n  _this.onDisable();\n  }\n  // Listen to open signals from others\n
_this.$on('open', _this.onOpen);\n  // Listen to close signals from others\n  _this.$on('close', _this.onClose);\n
  // Listen to disable signals from others\n  _this.$on('disable', _this.onDisable);\n  // Listen to disable
signals from others\n  _this.$on('enable', _this.onEnable);\n  // Observe content Child changes so we can
notify popper of possible size change\n  _this.setObservers(true);\n  // Set intially open state\n  if
(_this.show) {\n  _this.onOpen();\n  }\n  });\n  },\n  updated: function updated() {\n  // If
content/props changes, etc\n  if (this._tooltip) {\n  this._tooltip.updateConfig(this.getConfig());\n  }\n  },\n  /* istanbul ignore next: not easy to test *\n  activated: function activated() {\n  // Called when component is inside
a <keep-alive> and component brought offline\n  this.setObservers(true);\n  },\n  /* istanbul ignore next: not easy
to test *\n  deactivated: function deactivated() {\n  // Called when component is inside a <keep-alive> and
component taken offline\n  if (this._tooltip) {\n  this.setObservers(false);\n  this._tooltip.hide();\n  }\n
  },\n  /* istanbul ignore next: not easy to test *\n  beforeDestroy: function beforeDestroy() {\n  // Shutdown our
local event listeners\n  this.$off('open', this.onOpen);\n  this.$off('close', this.onClose);\n  this.$off('disable',
this.onDisable);\n  this.$off('enable', this.onEnable);\n  this.setObservers(false);\n  // bring our content back if
needed\n  this.bringItBack();\n  if (this._tooltip) {\n  this._tooltip.destroy();\n  this._tooltip = null;\n  }\n
  },\n  computed: {\n  baseConfig: function baseConfig() {\n  var cont = this.container;\n  var delay =
_typeof(this.delay) === 'object' ? this.delay : parseInt(this.delay, 10) || 0;\n  return {\n  // Title prop\n  title:
(this.title || "").trim() || "",\n  // Contnt prop (if popover)\n  content: (this.content || "").trim() || "",\n  //
Tooltip/Popover placement\n  placement: PLACEMENTS[this.placement] || 'auto',\n  // Container curently
needs to be an ID with '#' prepended, if null then body is used\n  container: cont ? /^#/.test(cont) ? cont : '#' +
cont : false,\n  // boundariesElement passed to popper\n  boundary: this.boundary,\n  // Show/Hide
delay\n  delay: delay || 0,\n  // Offset can be css distance. if no units, pixels are assumed\n  offset:
this.offset || 0,\n  // Disable fade Animation?\n  animation: !this.noFade,\n  // Open/Close Trigger(s)\n
trigger: isArray(this.triggers) ? this.triggers.join(' ') : this.triggers,\n  // Callbacks so we can trigger events on
component\n  callbacks: {\n  show: this.onShow,\n  shown: this.onShown,\n  hide: this.onHide,\n  hidden:
this.onHidden,\n  enabled: this.onEnabled,\n  disabled: this.onDisabled\n  }\n  },\n  methods: {\n  getConfig: function getConfig() {\n  var cfg = assign({}, this.baseConfig);\n  if
(this.$refs.title && this.$refs.title.innerHTML.trim()) {\n  // If slot has content, it overrides 'title' prop\n  //
We use the DOM node as content to allow components!\n  cfg.title = this.$refs.title;\n  cfg.html = true;\n  }\n  if (this.$refs.content && this.$refs.content.innerHTML.trim()) {\n  // If slot has content, it overrides
'content' prop\n  // We use the DOM node as content to allow components!\n  cfg.content =
this.$refs.content;\n  cfg.html = true;\n  }\n  return cfg;\n  },\n  onOpen: function onOpen() {\n  if
(this._tooltip) {\n  this._tooltip.show();\n  }\n  },\n  onClose: function onClose(callback) {\n  if
(this._tooltip) {\n  this._tooltip.hide(callback);\n  } else if (typeof callback === 'function') {\n
  callback();\n  }\n  },\n  onDisable: function onDisable() {\n  if (this._tooltip) {\n

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this._tooltip.disable();\n  }\n },\n  onEnable: function onEnable() {\n    if (this._tooltip) {\n      this._tooltip.enable();\n    }\n },\n  updatePosition: function updatePosition() {\n    if (this._tooltip) {\n      // Instruct popper to reposition popover if necessary\n      this._tooltip.update();\n    }\n },\n  getTarget: function\n  getTarget() {\n    var target = this.target;\n    if (typeof target === 'function') {\n      target = target();\n    }\n    if (typeof target === 'string') {\n      // Assume ID of element\n      return getId(target);\n    } else if ((typeof\n    target === 'undefined' ? 'undefined' : _typeof(target)) === 'object' && isElement(target.$el)) {\n      // Component\n      reference\n      return target.$el;\n    } else if ((typeof target === 'undefined' ? 'undefined' : _typeof(target)) ===\n    'object' && isElement(target)) {\n      // Element reference\n      return target;\n    }\n    return null;\n  },\n  onShow: function onShow(evt) {\n    this.$emit('show', evt);\n  },\n  onShown: function onShown(evt) {\n    this.setObservers(true);\n    this.$emit('update:show', true);\n    this.$emit('shown', evt);\n  },\n  onHide:\n  function onHide(evt) {\n    this.$emit('hide', evt);\n  },\n  onHidden: function onHidden(evt) {\n    this.setObservers(false);\n    // bring our content back if needed to keep Vue happy\n    // Tooltip class will move\n    it back to tip when shown again\n    this.bringItBack();\n    this.$emit('update:show', false);\n    this.$emit('hidden', evt);\n  },\n  onEnabled: function onEnabled(evt) {\n    if (!evt || evt.type !== 'enabled') {\n      // Prevent possible endless loop if user mistakenly fires enabled instead of enable\n      return;\n    }\n    this.$emit('update:disabled', false);\n    this.$emit('disabled');\n  },\n  onDisabled: function onDisabled(evt) {\n    if (!evt || evt.type !== 'disabled') {\n      // Prevent possible endless loop if user mistakenly fires disabled instead of\n      disable\n      return;\n    }\n    this.$emit('update:disabled', true);\n    this.$emit('enabled');\n  },\n  bringItBack: function bringItBack() {\n    // bring our content back if needed to keep Vue happy\n    if (this.$el\n    && this.$refs.title) {\n      this.$el.appendChild(this.$refs.title);\n    }\n    if (this.$el && this.$refs.content) {\n      this.$el.appendChild(this.$refs.content);\n    }\n  },\n  /* istanbul ignore next: not easy to test */\n  setObservers: function setObservers(on) {\n    if (on) {\n      if (this.$refs.title) {\n        this._obs_title =\n        observeDom(this.$refs.title, this.updatePosition.bind(this), OBSERVER_CONFIG);\n      }\n      if\n      (this.$refs.content) {\n        this._obs_content = observeDom(this.$refs.content, this.updatePosition.bind(this),\n        OBSERVER_CONFIG);\n      }\n    } else {\n      if (this._obs_title) {\n        this._obs_title.disconnect();\n        this._obs_title = null;\n      }\n      if (this._obs_content) {\n        this._obs_content.disconnect();\n        this._obs_content = null;\n      }\n    }\n  }\n }\n },"import PopOver from '../utils/popover.class';\nimport\nwarn from '../utils/warn';\nimport tooltipMixin from '../mixins/tooltip';\nexport default {\n  mixins:\n  [tooltipMixin],\n  render: function render(h) {\n    return h('div', {\n      class: ['d-none'],\n      style: { display: 'none'\n      },\n      attrs: { 'aria-hidden': true }\n    }, [h('div', { ref: 'title' }, this.$slots.title), h('div', { ref: 'content' },\n    this.$slots.default)]);\n  },\n  data: function data() {\n    return {};\n  },\n  props: {\n    title: {\n      type: String,\n      default: ""\n    },\n    content: {\n      type: String,\n      default: ""\n    },\n    triggers: {\n      type: [String, Array],\n      default: 'click'\n    },\n    placement: {\n      type: String,\n      default: 'right'\n    }\n  },\n  methods: {\n    createTooltip: function createTooltip() {\n      // getTarget is in tooltip mixin\n      var target = this.getTarget();\n      if (target) {\n        this._tooltip = new PopOver(target, this.getConfig(), this.$root);\n      } else {\n        this._tooltip = null;\n        warn("b-popover: 'target' element not found!");\n      }\n      return this._tooltip;\n    }\n  },\n  <template>\n  <div>\n    <component :is="rootElement" id="imddb-header" data-turbolinks-permanent\n    class="navbar navbar-expand-lg navbar-light imddb-header" :offset="100" :z-index="1020" :on-\n    unpin="closeFollowUsPopover" :class="{ 'headroom--frozen': !collapseNavbar }" :style="{ position: position\n    }">\n      <!-- @slot Redefines brand -->\n      <slot name="brand">\n        <a :href="homeUrl" class="navbar-\n        brand imddb-header__brand">\n          \n          {{ project }}\n        </a>\n      </slot>\n      <button class="navbar-toggler" type="button" aria-\n      label="Toggle navigation" @click="toggleNavbar">\n        <span class="navbar-toggler-icon"></span>\n      </button>\n      <div class="navbar-collapse" :class="{ collapse: collapseNavbar }">\n        <!-- @slot Redefines\n        the main navbar block (containing the dropdown) -->\n        <slot name="navbar">\n          <ul class="navbar-nav\n          mr-auto">\n            <b-nav-dropdown @show="$root.$emit('bv::hide::popover')">\n              <template\n              slot="button-content">\n                {{ title }}\n              </template>\n              <b-dropdown-item v-for="(item,\n              $index) in dropdownItems" :key="$index" :href="item.href" v-bind="{ active: !!item.active }">\n                {{

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item.label }}\n      </b-dropdown-item>\n      </b-nav-dropdown>\n      </ul>\n      </slot>\n      <ul
class="navbar-nav">\n      <li class="nav-item">\n      <a href="https://www.icij.org/leak/"
target="_blank" class="nav-link">\n      {{ $('imddb-header.navbar.leak') }}\n      </a>\n      </li>\n      <li class="nav-item mr-lg-3">\n      <a @click.prevent="$refs.donateFormModal.show()" href="#"
class="nav-link">\n      {{ $('imddb-header.navbar.support') }}\n      </a>\n      </li>\n      <li
class="nav-item">\n      <button class="btn btn-saddle-red btn-block font-weight-bold" id="follow-icij">\n      {{ $('imddb-header.navbar.follow') }}\n      </button>\n      <b-popover container="imddb-header"
target="follow-icij" placement="bottomleft" :show.sync="showSignupPopover">\n      <follow-us-popover
:show.sync="showSignupPopover"></follow-us-popover>\n      </b-popover>\n      </li>\n      </ul>\n
</div>\n </component>\n <b-modal hide-footer lazy ref="donateFormModal" size="lg">\n <span
slot="modal-title" class="text-uppercase font-weight-bold text-primary">\n {{ $('imddb-
header.navbar.support') }}\n </span>\n <donate-form no-title></donate-form>\n </b-modal>\n
</div>\n</template>\n\n<script>\n import bDropdownItem from 'bootstrap-
vue/es/components/dropdown/dropdown-item'\n import bModal from 'bootstrap-vue/es/components/modal/modal'\n
import bNavDropdown from 'bootstrap-vue/es/components/nav/nav-item-dropdown'\n import bPopover from
'bootstrap-vue/es/components/popover/popover'\n\n import i18n from '@/i18n'\n import { headroom } from 'vue-
headroom'\n import DonateForm from './DonateForm.vue'\n import FollowUsPopover from
'./FollowUsPopover.vue'\n import config from './config'\n\n /**\n * ImddbHeader\n */\n export default {\n
i18n,\n name: 'ImddbHeader',\n components: {\n bDropdownItem,\n bModal,\n bNavDropdown,\n
bPopover,\n headroom,\n DonateForm,\n FollowUsPopover\n },\n props: {\n /**\n * CSS
position of the header. Can be <em>absolute</em>, <em>relative</em>, <em>static</em> or <em>fixed</em>
(default).\n */\n position: {\n type: String,\n default: 'fixed'\n },\n /**\n * Disable
Headroom for hiding header until needed.\n */\n noHeadroom: {\n type: Boolean\n },\n /**\n *
Project name, to display next to ICIJ logo\n */\n project: {\n type: String,\n default: () =>
config.get('project.name')\n },\n /**\n * App name, to display next to project name\n */\n title: {\n
type: String,\n default: () => config.get('app.name')\n },\n /**\n * An array of objects defining
dropdown items. Each item defines a <em>label</em> and a <em>href</em>.\n */\n dropdownItems: {\n
type: Array,\n default: () => config.get('imddb-header.dropdown.items')\n },\n /**\n * Target link of
the ICIJ logo and project name.\n */\n homeUrl: {\n type: String,\n default: () =>
config.get('app.home')\n }\n },\n data () {\n return {\n showSignupPopover: false,\n
collapseNavbar: true\n }\n },\n methods: {\n closeFollowUsPopover () {\n this.showSignupPopover
= false\n },\n toggleNavbar () {\n this.collapseNavbar = !this.collapseNavbar\n
this.$root.$emit('bv::hide::popover')\n this.$root.$emit('bv::hide::dropdwon')\n }\n },\n computed: {\n
rootElement () {\n return this.noHeadroom ? 'div' : 'headroom'\n }\n }\n }\n</script>\n<style
lang="scss">\n @import './styles/lib';\n\n .imddb-header {\n background: rgba($mercury, 0.8);\n box-
shadow: 0 0 6px 0 rgba(#000, .1);\n position: relative;\n top: 0;\n width: 100%;\n z-index: $zindex-sticky;\n\n
.popover {\n width: 100%;\n }\n\n @include media-breakpoint-down(md) {\n background: $mercury;\n
}\n\n &.headroom {\n will-change: transform;\n transition: transform 200ms linear;\n\n &--unpinned {\n
transform: translateY(-100%) !important;\n }\n\n &--pinned {\n transform: translateY(0%);\n }\n\n
&--frozen {\n transform: translateY(0%) !important;\n }\n }\n\n &__brand {\n position: relative;\n
font-weight: bolder;\n padding-right: $spacer * 1.5;\n\n &:after {\n content: \"\";\n background:
$body-color;\n width: 2px;\n height: 32px;\n position: absolute;\n right: 0;\n top: 50%;\n
transform: translateY(-50%);\n\n @include media-breakpoint-down(md) {\n display: none;\n }\n
}\n }\n\n .navbar-toggler {\n background: $mercury;\n position: absolute;\n right: $spacer;\n top:
$spacer / 2;\n margin: 0;\n }\n\n .dropdown-item {\n white-space: normal;\n width: 440px;\n max-
width: 90vw;\n\n @include media-breakpoint-down(sm) {\n width: 100%;\n }\n }\n\n .dropdown
.nav-link {\n\n @include media-breakpoint-up(lg) {\n font-size: 1.2rem;\n font-family: $headings-font-
family;\n }\n }\n }\n }\n</style>\n\n",\n import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-

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0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ImddbHeader.vue?vue&type=script&lang=js&"; export default mod; export * from \"-
!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ImddbHeader.vue?vue&type=script&lang=js&""; import { render, staticRenderFns } from
\"./ImddbHeader.vue?vue&type=template&id=36e6b928&\"nimport script from
\"./ImddbHeader.vue?vue&type=script&lang=js&\"nexport * from
\"./ImddbHeader.vue?vue&type=script&lang=js&\"nimport style0 from
\"./ImddbHeader.vue?vue&type=style&index=0&lang=scss&\"n\n/* normalize component */nimport normalizer
from \"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"nvar component = normalizer(\n
script,\n render,\n staticRenderFns,\n false,\n null,\n null,\n null\n \n)\ncomponent.__file =
\"ImddbHeader.vue\"nexport default component.exports", "var render = function () { var _vm=this; var
_h=_vm.$createElement; var _c=_vm._self._c||_h; return _c('div',{ attrs:{\"id\":_vm.iframeId} }) }nvar
staticRenderFns = []nexport { render, staticRenderFns }", "<template>\n <div
:id=\"iframeId\"></div>\n</template>\n\n<script>\n import { injectAssets } from './utils/assets'\n\n var
iframeUniqueIdCounter = 0;\n\n /**\n * ResponsiveIframe\n */\n export default {\n name:
'ResponsiveIframe',\n props: {\n /**\n * URL of the generated iframe code.\n */\n url: {\n type:
String,\n required : true\n },\n /**\n * Option to pass to the constructor of the pymParent instance\n
*/\n options: {\n type: Object,\n default: () => ({})\n },\n },\n data () {\n return {\n
iframeId: `icij-iframe-${++iframeUniqueIdCounter}`\n }\n },\n mounted () {\n
injectAssets('https://pym.nprapps.org/pym.v1.min.js').then(() => {\n new pym.Parent(this.iframeId, this.url,
this.options)\n })\n }\n }n</script>\n", "import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--
12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-
loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-
loader/lib/index.js??vue-loader-options!./ResponsiveIframe.vue?vue&type=script&lang=js&"; export default mod;
export * from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ResponsiveIframe.vue?vue&type=script&lang=js&""; import { render, staticRenderFns } from
\"./ResponsiveIframe.vue?vue&type=template&id=2b5efd28&\"nimport script from
\"./ResponsiveIframe.vue?vue&type=script&lang=js&\"nexport * from
\"./ResponsiveIframe.vue?vue&type=script&lang=js&\"n\n/* normalize component */nimport normalizer from
\"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"nvar component = normalizer(\n script,\n
render,\n staticRenderFns,\n false,\n null,\n null,\n null\n \n)\ncomponent.__file =
\"ResponsiveIframe.vue\"nexport default component.exports", "var render, staticRenderFns\nimport script from
\"./SlideUpDown.vue?vue&type=script&lang=js&\"nexport * from
\"./SlideUpDown.vue?vue&type=script&lang=js&\"n\n/* normalize component */nimport normalizer from
\"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"nvar component = normalizer(\n script,\n
render,\n staticRenderFns,\n false,\n null,\n null,\n null\n \n)\ncomponent.__file =
\"SlideUpDown.vue\"nexport default component.exports", "<script>\nconst noop = () => (null)\n\n/**\n *
SlideUpDown\n */\nexport default {\n name: 'SlideUpDown',\n props: {\n /**\n * Toggler property. Set to
<em>>false</em> to hide the component.\n */\n active: {\n type: Boolean,\n },\n /**\n * Duration of
the animation.\n */\n duration: {\n type: Number,\n default: 200\n },\n /**\n * HTML tag to render
this component to.\n */\n tag: {\n type: String,\n default: 'div'\n }\n },\n data () {\n return {\n
state: 'post',\n mounted: false,\n scrollHeight: 0\n }\n },\n watch: {\n active (toggler) {\n
this.triggerSlide()\n }\n },\n render (h) {\n return h(this.tag, { style: this.style, ref: 'container' },

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this.$slots.default)\n },\n mounted () {\n this.deferredNextTick(() => {\n this.mounted = true\n this.cleanLayout()\n this.$container.addEventListener("transitionend", this.cleanLayout)\n })\n },\n computed: {\n stylePreTransition () {\n return {\n 'overflow': 'hidden',\n 'transition-property': 'height',\n 'transition-duration': `${this.duration}ms`,\n 'height': this.mounted ? `${this.$container.scrollHeight}px` : 0,\n }\n },\n styleActiveTransition () {\n return {\n 'overflow': 'hidden',\n 'transition-property': 'height',\n 'transition-duration': `${this.duration}ms`,\n 'height': this.mounted ? `${this.activeHeight}px` : 'auto',\n }\n },\n stylePostTransition () {\n // Reset style when the element is active\n return this.active ? { } : this.styleActiveTransition\n },\n style () {\n switch (this.state) {\n case 'pre': return this.stylePreTransition\n case 'active': return this.styleActiveTransition\n default: return this.stylePostTransition\n }\n },\n activeHeight () {\n return this.active ? this.$container.scrollHeight : 0\n },\n $container () {\n return this.$refs.container\n }\n },\n methods: {\n triggerSlide () {\n this.state = 'pre'\n this.scrollHeight = this.$container.scrollHeight\n // Deferred next tick to let the component render once\n this.deferredNextTick(() => this.state = 'active')\n },\n cleanLayout (e = null) {\n // This method can be triggered by animated child elements in\n // which case, we should do anything\n if(!e || e.target == this.$container) {\n this.state = 'post'\n this.deferredNextTick()\n }\n },\n deferredNextTick (fn = noop) {\n setTimeout(() => this.$nextTick(fn), 0)\n }\n }\n}\n</script>\n", "import mod from \"-!././node_modules/cache-loader/dist/cjs.js??ref--12-0!././node_modules/thread-loader/dist/cjs.js!././node_modules/babel-loader/lib/index.js!././node_modules/cache-loader/dist/cjs.js??ref--0-0!././node_modules/vue-loader/lib/index.js??vue-loader-options!/SlideUpDown.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-!././node_modules/cache-loader/dist/cjs.js??ref--12-0!././node_modules/thread-loader/dist/cjs.js!././node_modules/babel-loader/lib/index.js!././node_modules/cache-loader/dist/cjs.js??ref--0-0!././node_modules/vue-loader/lib/index.js??vue-loader-options!/SlideUpDown.vue?vue&type=script&lang=js&\";\", \"import VueI18n from 'vue-i18n'\nimport { basename, extname } from 'path'\nimport i18n from './i18n'\nexport { default as config } from './config'\nexport { default as ContentPlaceholder } from './components/ContentPlaceholder.vue'\nexport { default as DonateForm } from './components/DonateForm.vue'\nexport { default as EmbeddableFooter } from './components/EmbeddableFooter.vue'\nexport { default as EmbedForm } from './components/EmbedForm.vue'\nexport { default as FollowUsPopover } from './components/FollowUsPopover.vue'\nexport { default as Fa } from './components/Fa'\nexport { default as GenericFooter } from './components/GenericFooter.vue'\nexport { default as ImddbHeader } from './components/ImddbHeader.vue'\nexport { default as ResponsiveIframe } from './components/ResponsiveIframe.vue'\nexport { default as SharingOptions } from './components/SharingOptions.vue'\nexport { default as SignUpForm } from './components/SignUpForm.vue'\nexport { default as SlideUpDown } from './components/SlideUpDown.vue'\nimport * as components from './components'\n\nclass Murmur {\n static setLocaleMessage(lang, message) {\n return this.i18n.setLocaleMessage(lang, message)\n }\n static mergeLocaleMessage(lang, message) {\n return this.i18n.mergeLocaleMessage(lang, message)\n }\n static setLocale(lang) {\n return this.i18n.locale = lang\n }\n static getLocale() {\n return this.i18n.locale\n }\n static get i18n() {\n return i18n\n }\n static get config() {\n return require('./config.js').default\n }\n static get components() {\n return components\n }\n static install (Vue, options) {\n Object.keys(components).forEach(key => Vue.component(key, components[key]))\n }\n}\nexport default Murmur\n", "import './setPublicPath'\nimport mod from '~entry'\nexport default mod\nexport * from '~entry'\n", "var assocIndexOf = require('./_assocIndexOf');\n\n/**\n * Checks if a list cache value for `key` exists.\n *\n * @private\n * @name has\n * @memberOf ListCache\n * @param {string} key The key of the entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`. \n */\nfunction listCacheHas(key) {\n return assocIndexOf(this.__data__, key) > -1;\n}\nmodule.exports = listCacheHas;\n", "module.exports = \"\\x09\\x0A\\x0B\\x0C\\x0D\\x20\\xA0\\u1680\\u180E\\u2000\\u2001\\u2002\\u2003' +\n
```

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"\u2004\u2005\u2006\u2007\u2008\u2009\u200A\u202F\u205F\u3000\u2028\u2029\uFEFF";\n", "var
baseGetTag = require('./_baseGetTag'),\n  isObjectLike = require('./isObjectLike');\n\n/** `Object#toString` result
references. *\nvar symbolTag = '[object Symbol]';\n\n**\n * Checks if `value` is classified as a `Symbol` primitive
or object.\n * \n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is a symbol, else `false`.\n * @example\n *\n *
_isSymbol(Symbol.iterator);\n * // => true\n *\n * _isSymbol('abc');\n * // => false\n */\nfunction isSymbol(value)
{\n  return typeof value == 'symbol' ||\n    (isObjectLike(value) && baseGetTag(value) ==
symbolTag);\n}\n\nmodule.exports = isSymbol;\n"],"sourceRoot":""}

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1062149670_1592570080.27/0/murmur-1-1-0-
tgz/package/dist/lib/@icij/murmur.umd.min.js.map

```

No license file was found, but licenses were detected in source scan.

```

{
  "imddb-header": {
    "navbar": {
      "leak": "Leak to us",
      "support": "Support us",
      "follow": "Follow ICIJ"
    }
  },
  "embeddable-footer": {
    "share": "Share"
  },
  "embed-form": {
    "heading": "Embed on your website",
    "introduction": "Copy the code bellow to embed this on your website.",
    "responsive-optin": "Responsive iFrame",
    "copy": "Copy"
  },
  "follow-us-popover": {
    "heading": "Follow us"
  },
  "generic-footer": {
    "investigations": "Investigations",
    "follow-us": "Follow us",
    "all-rights": "All rights reserved",
    "version": "Version %{version}"
  },
  "donate-form": {
    "support": "Support us",
    "introduction": "ICIJ's investigations are supported by readers like you. Help keep our databases free and open to
the public by joining our <strong><a target=\"_blank\" href=\"https://icij.org/donate\">ICIJ Insiders</a></strong>
community.",
    "join-heading": "Won't you join us today?",
    "label": "I would like to donate",
    "frequency": {

```

```

"monthly": "Monthly",
"yearly": "Yearly",
"onetime": "One time"
},
"result": {
  "sentence": "With this donation, you are <strong>changing the % {target}</strong>.",
  "conversation": "conversation",
  "rules": "rules",
  "world": "world"
},
"submit": "Donate now",
"benefits": {
  "heading": "ICIJ Insiders benefits",
  "introduction": "Your monthly or annual donation will give you the following benefits.",
  "more": "More about donations",
  "impacts": {
    "conversation": {
      "heading": "Change the conversation",
      "highlight": "$3-$14/month (or $35-$179/year)",
      "list": [
        "ICIJ Insider Newsletter (quarterly)",
        "ICIJ's Weekly Update"
      ]
    },
    "rules": {
      "heading": "Change the rules",
      "highlight": "$15-$49/month (or $180-$599/year)",
      "list": [
        "Opportunity to submit your question to ICIJ staff. Several questions will be answered in our quarterly ICIJ Insider newsletter",
        "Sneak previews behind the scenes of ICIJ's work (monthly)",
        "ICIJ Insider Newsletter (quarterly)",
        "ICIJ's Weekly Update"
      ]
    },
    "world": {
      "heading": "Change the world",
      "highlight": "$50/month and above (or $600/year and above)",
      "list": [
        "Invitation to exclusive chat with ICIJ staff about our latest major project after publication",
        "Opportunity to submit your questions to ICIJ staff. Several questions will be answered in our quarterly ICIJ Insider newsletter",
        "Sneak previews behind the scenes of ICIJ's work (monthly)",
        "ICIJ Insider Newsletter (quarterly)",
        "ICIJ's Weekly Update"
      ]
    }
  }
}

```

```

    }
  },
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    "label": "Stories in your inbox",
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```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062149670\_1592570080.27/0/murmur-1-1-0-tgz/package/lib/locales/en.json

No license file was found, but licenses were detected in source scan.

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{"version":3,"sources":["webpack://@icij/murmur/webpack/universalModuleDefinition","webpack://@icij/murmur/webpack/bootstrap","webpack://@icij/murmur/.node_modules/lodash/_getRawTag.js","webpack://@icij/murmur/.node_modules/core-js/modules/_iter-define.js","webpack://@icij/murmur/.node_modules/lodash/_baseKeys.js","webpack://@icij/murmur/.node_modules/lodash/_isFlattenable.js","webpack://@icij/murmur/.node_modules/lodash/stubFalse.js","webpack://@icij/murmur/.node_modules/lodash/_arrayPush.js","webpack://@icij/murmur/.node_modules/lodash/_isStrictComparable.js","webpack://@icij/murmur/.lib/components/SharingOptions.vue?8ac0","webpack://@icij/murmur/.node_modules/core-js/modules/es7.promise.finally.js","webpack://@icij/murmur/.node_modules/lodash/_getNative.js","webpack://@icij/murmur/.node_modules/core-js/modules/_flags.js","webpack://@icij/murmur/.node_modules/lodash/isBuffer.js","webpack://@icij/murmur/.node_modules/core-js/modules/_object-keys.js","webpack://@icij/murmur/.node_modules/lodash/_baseRest.js","webpack://@icij/murmur/.lib/components/EmbeddableFooter.vue?eb4a","webpack://@icij/murmur/.node_modules/es6-symbol/is-symbol.js","webpack://@icij/murmur/.node_modules/jquery/dist/jquery.js","webpack://@icij/murmur/.lib/locales/sync [A-Za-z0-9-_,\\s]+\\.json$/","webpack://@icij/murmur/.node_modules/core-js/modules/_object-gopd.js","webpack://@icij/murmur/.node_modules/lodash/_isKeyable.js","webpack://@icij/murmur/.node_modules/lodash/_castFunction.js","webpack://@icij/murmur/.node_modules/lodash/isObjectLike.js","webpack://@icij/murmur/.lib/assets/images/icij@2x.png","webpack://@icij/murmur/.node_modules/lodash/_isMasked.js","webpack://@icij/murmur/.lib/components/SignUpForm.vue?e8a9","webpack://@icij/murmur/.node_modules/core-js/modules/_object-dps.js","webpack://@icij/murmur/.node_modules/es5-ext/object/assign/is-implemented.js","webpack://@icij/murmur/.lib/components/SignUpForm.vue?4b41","webpack://@icij/murmur/.node_modules/lodash/_baseMatchesProperty.js","webpack://@icij/murmur/.node_modules/lodash/_stringToPath.js","webpack://@icij/murmur/.node_modules/es5-ext/string/#/contains/is-implemented.js","webpack://@icij/murmur/.node_modules/core-js/modules/_task.js","webpack://@icij/murmur/.node_modules/lodash/isObject.js","webpack://@icij/murmur/.node_modules/lodash/_equalByTag.js","webpack://@icij/murmur/.node_modules/es6-symbol/index.js","webpack://@icij/murmur/.node_modules/lodash/_Promise.js","webpack://@icij/murmur/.node_modules/lodash/_hashDelete.js","webpack://@icij/murmur/.node_modules/lodash/_baseEvery.js","webpack://@icij/murmur/.node_modules/core-js/modules/_iter-call.js","webpack://@icij/murmur/.node_modules/lodash/_mapCacheSet.js","webpack://@icij/murmur/.lib/components/GenericFooter.vue?5988","webpack://@icij/murmur/.node_modules/es5-ext/object/assign/index.js","webpack://@icij/murmur/.node_modules/lodash/_matchesStrictComparable.js","webpack://@icij/murmur/.node_modules/core-js/modules/_fix-re-wks.js","webpack://@icij/murmur/.node_modules/lodash/_compareMultiple.js","webpack://@icij/murmur/.node_

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```

\t\tObject.defineProperty(ns, 'default', { enumerable: true, value: value });\n \t\tif(mode & 2 && typeof value !=
'string') for(var key in value) __webpack_require__\.d(ns, key, function(key) { return value[key]; }).bind(null,
key));\n \t\treturn ns;\n \t};\n\n \t// getDefaultExport function for compatibility with non-harmony modules\n
\t__webpack_require__\.n = function(module) {\n \t\t\tvar getter = module && module.__esModule ?\n \t\t\t\tfunction
getDefault() { return module['default']; } :\n \t\t\t\tfunction getModuleExports() { return module; };\n
\t\t\t__webpack_require__\.d(getter, 'a', getter);\n \t\t\treturn getter;\n \t};\n\n \t//
Object.prototype.hasOwnProperty.call\n \t__webpack_require__\.o = function(object, property) { return
Object.prototype.hasOwnProperty.call(object, property); };\n\n \t// __webpack_public_path__\n
\t__webpack_require__\.p = \"\";\n\n \t// Load entry module and return exports\n \treturn
__webpack_require__(__webpack_require__\.s = \"fb15\");\n\n\n\t\"var Symbol = require('./_Symbol');\n\n\n\t/** Used for
built-in method references. */\n\tvar objectProto = Object.prototype;\n\n\n\t/** Used to check objects for own properties.
*/\n\tvar hasOwnProperty = objectProto.hasOwnProperty;\n\n\n\t/**\n\t * Used to resolve the\n\t *
[ `toStringTag` ] (http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.toString)\n\t * of values.\n\t *
*/\n\tvar nativeObjectToString = objectProto.toString;\n\n\n\t/** Built-in value references. */\n\tvar symToStringTag = Symbol ?
Symbol.toStringTag : undefined;\n\n\n\t/**\n\t * A specialized version of `baseGetTag` which ignores
`Symbol.toStringTag` values.\n\t *
*/\n\tvar _private =\n\t * @param {*} value The value to query.\n\t * @returns {string}
Returns the raw `toStringTag`.\n\t *
*/\n\tfunction getRawTag(value) {\n\t\tvar isOwn = hasOwnProperty.call(value,
symToStringTag),\n\t\ttag = value[symToStringTag];\n\n\t\ttry {\n\t\t\tvalue[symToStringTag] = undefined;\n\t\t\tvar
unmasked = true;\n\t\t} catch (e) {}\n\n\t\tvar result = nativeObjectToString.call(value);\n\t\tif (unmasked) {\n\t\t\tif
(isOwn) {\n\t\t\t\tvalue[symToStringTag] = tag;\n\t\t\t} else {\n\t\t\t\tdelete value[symToStringTag];\n\t\t\t}\n\t\t}\n\t\treturn
result;\n\t}\n\n\tmodule.exports = getRawTag;\n\n\n\t\"use strict\";\n\tvar LIBRARY = require('./_library');\n\tvar $export =
require('./_export');\n\tvar redefine = require('./_redefine');\n\tvar hide = require('./_hide');\n\tvar Iterators =
require('./_iterators');\n\tvar $iterCreate = require('./_iter-create');\n\tvar setToStringTag = require('./_set-to-string-
tag');\n\tvar getPrototypeOf = require('./_object-gpo');\n\tvar ITERATOR = require('./_wks')('iterator');\n\tvar BUGGY =
!([].keys && 'next' in [].keys()); // Safari has buggy iterators w/o `next`\n\tvar FF_ITERATOR = '@@iterator';\n\tvar
KEYS = 'keys';\n\tvar VALUES = 'values';\n\tvar returnThis = function () { return this; };\n\n\tmodule.exports =
function (Base, NAME, Constructor, next, DEFAULT, IS_SET, FORCED) {\n\t\t$iterCreate(Constructor, NAME,
next);\n\t\tvar getMethod = function (kind) {\n\t\t\tif (!BUGGY && kind in proto) return proto[kind];\n\t\t\tswitch (kind)
{\n\t\t\t\tcase KEYS: return function keys() { return new Constructor(this, kind); };\n\t\t\t\tcase VALUES: return
function values() { return new Constructor(this, kind); };\n\t\t\t} return function entries() { return new
Constructor(this, kind); };\n\t\t};\n\t\tvar TAG = NAME + ' Iterator';\n\t\tvar DEF_VALUES = DEFAULT ==
VALUES;\n\t\tvar VALUES_BUG = false;\n\t\tvar proto = Base.prototype;\n\t\tvar $native = proto[ITERATOR] ||
proto[FF_ITERATOR] || DEFAULT && proto[DEFAULT];\n\t\tvar $default = $native || getMethod(DEFAULT);\n\t\tvar $entries =
DEFAULT ? !DEF_VALUES ? $default : getMethod('entries') : undefined;\n\t\tvar $anyNative =
NAME == 'Array' ? proto.entries || $native : $native;\n\t\tvar methods, key, IteratorPrototype;\n\t\t// Fix native\n\t\tif
($anyNative) {\n\t\t\tIteratorPrototype = getPrototypeOf($anyNative.call(new Base()));\n\t\t\tif (IteratorPrototype !==
Object.prototype && IteratorPrototype.next) {\n\t\t\t\t// Set @@toStringTag to native iterators\n\t\t\t\tsetToStringTag(IteratorPrototype, TAG, true);\n\t\t\t\t// fix for some old engines\n\t\t\t\tif (!LIBRARY && typeof
IteratorPrototype[ITERATOR] != 'function') hide(IteratorPrototype, ITERATOR, returnThis);\n\t\t\t}\n\t\t}\n\t\t// fix
Array#{ values, @@iterator }.name in V8 / FF\n\t\tif (DEF_VALUES && $native && $native.name !== VALUES)
{\n\t\t\tVALUES_BUG = true;\n\t\t\t$default = function values() { return $native.call(this); };\n\t\t}\n\t\t// Define iterator\n\t\tif
((!LIBRARY || FORCED) && (BUGGY || VALUES_BUG || !proto[ITERATOR])) {\n\t\t\thide(proto,
ITERATOR, $default);\n\t\t}\n\t\t// Plug for library\n\t\tIterators[NAME] = $default;\n\t\tIterators[TAG] = returnThis;\n\t\tif
(DEFAULT) {\n\t\t\tmethods = {\n\t\t\t\tvalues: DEF_VALUES ? $default : getMethod(VALUES),\n\t\t\t\tkeys:
IS_SET ? $default : getMethod(KEYS),\n\t\t\t\tentries: $entries\n\t\t\t};\n\t\t\tif (FORCED) for (key in methods) {\n\t\t\t\tif
(!(key in proto)) redefine(proto, key, methods[key]);\n\t\t\t} else $export($export.P + $export.F * (BUGGY ||
VALUES_BUG), NAME, methods);\n\t\t}\n\t\treturn methods;\n\t};\n\n\t\"var isPrototype = require('./_isPrototype'),\n
nativeKeys = require('./_nativeKeys');\n\n\n\t/** Used for built-in method references. */\n\tvar objectProto =

```

```

Object.prototype;\n\n/** Used to check objects for own properties. *\n\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * The base implementation of `_.keys` which doesn't treat sparse arrays as
dense.\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array
of property names.\n */\nfunction baseKeys(object) {\n  if (!isPrototype(object)) {\n    return nativeKeys(object);\n  }\n  var result = [];\n  for (var key in Object(object)) {\n    if (hasOwnProperty.call(object, key) && key !=
'constructor') {\n      result.push(key);\n    }\n  }\n  return result;\n}\n\nmodule.exports = baseKeys;\n", "var Symbol
= require('./_Symbol'),\n  isArguments = require('./isArguments'),\n  isArray = require('./isArray');\n\n/** Built-in
value references. *\n\nvar spreadableSymbol = Symbol ? Symbol.isConcatSpreadable : undefined;\n\n/**\n * Checks
if `value` is a flattenable `arguments` object or array.\n * @private\n * @param {*} value The value to check.\n *
@return {boolean} Returns `true` if `value` is flattenable, else `false`.\n */\nfunction isFlattenable(value) {\n
return isArray(value) || isArguments(value) ||\n  !(spreadableSymbol && value &&
value[spreadableSymbol]);\n}\n\nmodule.exports = isFlattenable;\n", "/**\n * This method returns `false`.\n * @static\n *
@memberOf _\n * @since 4.13.0\n * @category Util\n * @returns {boolean} Returns `false`.\n *
@example\n * _._.times(2, _._.stubFalse);\n * // => [false, false]\n */\nfunction stubFalse() {\n  return
false;\n}\n\nmodule.exports = stubFalse;\n", "/**\n * Appends the elements of `values` to `array`.\n * @private\n *
@param {Array} array The array to modify.\n * @param {Array} values The values to append.\n * @returns
{Array} Returns `array`.\n */\nfunction arrayPush(array, values) {\n  var index = -1,\n    length = values.length,\n
offset = array.length;\n\n  while (++index < length) {\n    array[offset + index] = values[index];\n  }\n  return
array;\n}\n\nmodule.exports = arrayPush;\n", "var isObject = require('./isObject');\n\n/**\n * Checks if `value` is
suitable for strict equality comparisons, i.e. `===`.\n * @private\n * @param {*} value The value to check.\n *
@return {boolean} Returns `true` if `value` is suitable for strict\n * equality comparisons, else `false`.\n */\nfunction
isStrictComparable(value) {\n  return value === value && !isObject(value);\n}\n\nmodule.exports =
isStrictComparable;\n", "import mod from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-
oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/SharingOptions.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export * from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/SharingOptions.vue?vue&type=style&index=0&lang=scss&\"; \n\n// https://github.com/tc39/proposal-
promise-finally\n'use strict';\nvar $export = require('./_export');\nvar core = require('./_core');\nvar global =
require('./_global');\nvar speciesConstructor = require('./_species-constructor');\nvar promiseResolve =
require('./_promise-resolve');\n\n$export($export.P + $export.R, 'Promise', { 'finally': function (onFinally) {\n  var C
= speciesConstructor(this, core.Promise || global.Promise);\n  var isFunction = typeof onFinally == 'function';\n  return
this.then(\n    isFunction ? function (x) {\n      return promiseResolve(C, onFinally()).then(function () { return
x; });\n    } : onFinally,\n    isFunction ? function (e) {\n      return promiseResolve(C, onFinally()).then(function () {
throw e; });\n    } : onFinally\n  );\n});\n", "var baseIsNative = require('./_baseIsNative'),\n  getValue =
require('./_getValue');\n\n/**\n * Gets the native function at `key` of `object`.\n * @private\n * @param
{Object} object The object to query.\n * @param {string} key The key of the method to get.\n * @returns {*}
Returns the function if it's native, else `undefined`.\n */\nfunction getNative(object, key) {\n  var value =
getValue(object, key);\n  return baseIsNative(value) ? value : undefined;\n}\n\nmodule.exports = getNative;\n", "use
strict";\n\n21.2.5.3 get RegExp.prototype.flags\nvar anObject = require('./_an-object');\nmodule.exports = function ()
{\n  var that = anObject(this);\n  var result = "";\n  if (that.global) result += 'g';\n  if (that.ignoreCase) result +=
'i';\n  if (that.multiline) result += 'm';\n  if (that.unicode) result += 'u';\n  if (that.sticky) result += 'y';\n  return

```







```

jQuery.isPlainObject( src ) ? src : {};
// Never move original objects, clone them
// Don't bring in undefined values
else if ( copy !== undefined ) {
    target[ name ] = copy;
}
// Return the modified object
return target;
}
jQuery.extend( {
    // Unique for each copy of jQuery on the page
    expando: "jQuery" + (
        version + Math.random()
    ).replace( /\D/g, "" ),
    // Assume jQuery is ready without the ready
    moduleReady: true,
    // Error function
    error: function( msg ) {
        throw new Error( msg );
    },
    //noop: function() {},
    // Detect obvious negatives
    // Use toString instead of jQuery.type to catch host objects
    // !obj || toString.call( obj ) !== "[object Object]"
    // Objects with no prototype (e.g., `Object.create( null )`) are plain
    // Objects with prototype are plain iff they were constructed by a global Object function
    Ctor = hasOwn.call( proto, "constructor" ) && proto.constructor,
    // Objects with prototype are plain iff they were constructed by a global Object function
    Ctor === "function" && fnToString.call( Ctor ) === ObjectFunctionString,
    // Empty object
    isEmptyObject: function( obj ) {
        // See https://github.com/eslint/eslint/issues/6125
        for ( name in obj ) {
            return false;
        }
        return true;
    },
    // Evaluates a script in a global context
    globalEval: function( code ) {
        DOMEval( code );
    },
    // Support: Android <=4.0 only
    trim: function( text ) {
        return text == null ? "" : text.trim();
    },
    // Support: Android <=4.0 only, PhantomJS 1 only
    // results is for internal usage only
    makeArray: function( arr, results ) {
        var ret = results || [];
        if ( arr != null ) {
            if ( isArrayLike( Object( arr ) ) ) {
                jQuery.merge( ret, arr );
            } else {
                ret.push( arr );
            }
        }
        return ret;
    },
    // Support: Android <=4.0 only, PhantomJS 1 only
    // push.apply(_, arraylike) throws on ancient WebKit
    merge: function( first, second ) {
        var len = +second.length,
            j = 0,
            i = first.length;
        for ( ; j < len; j++ ) {
            first[ i++ ] = second[ j ];
        }
        first.length = i;
        return first;
    },
    // Support: Android <=4.0 only
    // Go through the array, only saving the items
    // that pass the validator function
    grep: function( elems, callback, invert ) {
        var callbackInverse,
            matches = [],
            length = elems.length,
            callbackExpect = !invert;
        // Go through the array, only saving the items
        // that pass the validator function
        for ( ; i < length; i++ ) {
            callbackInverse = !callback( elems[ i ], i );
            if ( callbackInverse !== callbackExpect ) {
                matches.push( elems[ i ] );
            }
        }
        return matches;
    },
    // Support: Android <=4.0 only
    // Go through the array, translating each of the items to their new values
    map: function( elems, callback, arg ) {
        var length = elems.length,
            value,
            i = 0,
            ret = [];
        // Go through the array, translating each of the items to their new values
        for ( ; i < length; i++ ) {
            value = callback( elems[ i ], i, arg );
            if ( value != null ) {
                ret.push( value );
            }
        }
        // Flatten any nested arrays
        return ret.concat.apply( [], ret );
    },
    // A global GUID counter for objects
    guid: 1,
    // jQuery.support is not used in Core but other projects attach their
    // properties to it so it needs to exist.
    support: support,
    // Populate the class2type map
    jQuery.fn[ Symbol.iterator ] = arr[ Symbol.iterator ],
    // Populate the class2type map
    map[ jQuery.each( "Boolean Number String Function Array Date RegExp Object Error Symbol".split( " " ),
        function( i, name ) {
            class2type[ "[object " + name + "]" ] = name.toLowerCase();
        }
    ),
    // Support: real iOS 8.2 only (not reproducible in simulator)
    // `in` check used to prevent JIT error (gh-2145)
    // hasOwn isn't used here due to false negatives
    // regarding NodeList.length in IE
    length = !!obj && "length" in obj && obj.length,
    // Support: IE
    type = toType( obj ),
    // Support: IE
    // !isWindow( obj )
    // Support: IE
    // !length || length === 0 || typeof length === "number" && length > 0 && ( length - 1 ) in obj;
    nvar Sizzle = n * Sizzle CSS Selector Engine v2.3.3
    *
    https://sizzlejs.com/
    *
    Copyright jQuery Foundation and other contributors
    *
    Released under the MIT license
    *
    http://jquery.org/license
    *
    Date: 2016-08-08
    *
    (function( window ) {
        nvar

```





```

( qsaError ) {
  finally {
    if ( nid === expando ) {
      context.removeAttribute( "id" );
    }
    All others
    return select( selector.replace( rtrim, "$1" ), context, results, seed );
  }
}

* Create key-value caches of limited size
* @returns {function(string, object)}
Returns the Object data after storing it on itself with
*property name the (space-suffixed) string and (if the cache is larger than Expr.cacheLength)
*deleting the oldest entry
*function createCache() {
  var keys = [];
  function cache( key, value ) {
    // Use (key + " ") to avoid collision with native prototype properties (see Issue #157)
    if ( keys.push( key + " " ) > Expr.cacheLength ) {
      // Only keep the most recent entries
      delete cache[ keys.shift() ];
    }
    return ( cache[ key + " " ] = value );
  }
  return cache;
}

* Mark a function for special use by Sizzle
* @param {Function} fn The function to mark
*function markFunction( fn ) {
  fn[ expando ] = true;
  return fn;
}

* Support testing using an element
* @param {Function} fn Passed the created element and returns a boolean result
*function assert( fn ) {
  var el = document.createElement( "fieldset" );
  try {
    return !!fn( el );
  } catch ( e ) {
    return false;
  } finally {
    // Remove from its parent by default
    if ( el.parentNode ) {
      el.parentNode.removeChild( el );
    }
    // release memory in IE
    el = null;
  }
}

* Adds the same handler for all of the specified attrs
* @param {String} attrs Pipe-separated list of attributes
* @param {Function} handler The method that will be applied
*function addHandle( attrs, handler ) {
  var arr = attrs.split( "|" );
  var i = arr.length;
  while ( i-- ) {
    Expr.attrHandle[ arr[i] ] = handler;
  }
}

* Checks document order of two siblings
* @param {Element} a
* @param {Element} b
* @returns {Number}
Returns less than 0 if a precedes b, greater than 0 if a follows b
*function siblingCheck( a, b ) {
  var cur = b && a, diff = cur && a.nodeType === 1 && b.nodeType === 1 && a.sourceIndex - b.sourceIndex;
  // Use IE sourceIndex if available on both nodes
  if ( diff ) {
    return diff;
  }
  // Check if b follows a
  if ( cur ) {
    while ( cur = cur.nextSibling ) {
      if ( cur === b ) {
        return -1;
      }
    }
  }
  return a ? 1 : -1;
}

* Returns a function to use in pseudos for input types
* @param {String} type
*function createInputPseudo( type ) {
  return function( elem ) {
    var name = elem.nodeName.toLowerCase();
    return name === "input" && elem.type === type;
  };
}

* Returns a function to use in pseudos for buttons
* @param {String} type
*function createButtonPseudo( type ) {
  return function( elem ) {
    var name = elem.nodeName.toLowerCase();
    return ( name === "input" || name === "button" ) && elem.type === type;
  };
}

* Returns a function to use in pseudos for :enabled/:disabled
* @param {Boolean} disabled true for :disabled; false for :enabled
*function createDisabledPseudo( disabled ) {
  // Known :disabled false positives: fieldset[disabled] > legend:nth-of-type(n+2) :can-disable
  return function( elem ) {
    // Only certain elements can match :enabled or :disabled
    // https://html.spec.whatwg.org/multipage/scripting.html#selector-enabled
    // https://html.spec.whatwg.org/multipage/scripting.html#selector-disabled
    if ( "form" in elem ) {
      // Check for inherited disabledness on relevant non-disabled elements:
      // * listed form-associated elements in a disabled fieldset
      // https://html.spec.whatwg.org/multipage/forms.html#category-listed
      // https://html.spec.whatwg.org/multipage/forms.html#concept-fe-disabled
      // * option elements in a disabled optgroup
      // https://html.spec.whatwg.org/multipage/forms.html#concept-option-disabled
      // All such elements have a "form" property
      if ( elem.parentNode && elem.disabled === false ) {
        // Option elements defer to a parent optgroup if present
        if ( "label" in elem ) {
          if ( !elem.parentNode.disabled ) {
            return elem.disabled === disabled;
          }
        } else {
          return elem.disabled === disabled;
        }
      }
    }
    // Support: IE 6 - 11
    // Use the isDisabled shortcut property to check for disabled fieldset ancestors
    return elem.isDisabled === disabled ||
      // Where there is no isDisabled, check manually
      !elem.isDisabled !== !disabled &&
      elem.disabledAncestor() === disabled;
  };
}

* Returns a function to use in pseudos for positionals
* @param {Function} fn
*function createPositionalPseudo( fn ) {
  return

```

```

markFunction(function( argument ) {
    argument = +argument;
    return markFunction(function( seed, matches ) {
        var j, matchIndexes = fn( [], seed.length, argument ),
            ti = matchIndexes.length;
        // Match elements found at the specified indexes
        while ( i-- ) {
            if ( seed[ j = matchIndexes[i] ] ) {
                matches[j] = seed[j];
            }
        }
        // Checks a node for validity as a Sizzle context
        @param {Element|Object=} context
        @returns {Element|Object|Boolean} The input node if acceptable, otherwise a falsy value
    } function testContext( context ) {
        return context && typeof context.getElementsByTagName !== "undefined" && context;
    }
    // Expose support vars for convenience
    support = Sizzle.support = {};
    // Detects XML nodes
    @param {Element|Object} elem An element or a document
    @returns {Boolean} True iff elem is a non-HTML XML node
    Sizzle.isXML = function( elem ) {
        // documentElement is verified for cases where it doesn't yet exist
        // (such as loading iframes in IE - #4833)
        var documentElement = elem && ( elem.ownerDocument || elem ).documentElement;
        return documentElement ? documentElement.nodeName !== "HTML" : false;
    }
    // Sets document-related variables once based on the current document
    @param {Element|Object} [doc] An element or document object to use to set the document
    @returns {Object} Returns the current document
    Sizzle.setDocument = function( node ) {
        var hasCompare, subWindow,
            doc = node ? node.ownerDocument || node : preferredDoc;
        // Return early if doc is invalid or already selected
        if ( doc === document || doc.nodeType !== 9 || !doc.documentElement ) {
            return document;
        }
        // Update global variables
        document = doc;
        docElem = document.documentElement;
        documentIsHTML = !isXML( document );
        // Support: IE 9-11, Edge
        // Accessing iframe documents after unload throws "permission denied" errors (jQuery #13936)
        if ( preferredDoc !== document && ( subWindow = document.defaultView ) && subWindow.top !== subWindow ) {
            // Support: IE 11, Edge
            if ( subWindow.addEventListener ) {
                subWindow.addEventListener( "unload", unloadHandler, false );
            }
            // Support: IE 9 - 10 only
            else if ( subWindow.attachEvent ) {
                subWindow.attachEvent( "onunload", unloadHandler );
            }
        }
        // Attributes
        //-----
        // Support: IE<8
        // Verify that getAttribute really returns attributes and not properties
        // (excepting IE8 booleans)
        support.attributes = assert(function( el ) {
            el.className = "i";
            return !el.getAttribute("className");
        });
        // getElement(s)By*
        //-----
        // Support: IE<9
        // Check if getElementByTagName(*) returns only elements
        support.getByTagName = assert(function( el ) {
            el.appendChild( document.createComment("") );
            return !el.getElementsByTagName("").length;
        });
        // Support: IE<9
        // Support: IE<10
        // Check if getElementByClassName returns elements by name
        // The broken getElementById methods don't pick up programmatically-set names,
        // so use a roundabout getElementsByName test
        support.getById = assert(function( el ) {
            docElem.appendChild( el ).id = expando;
            return !document.getElementsByName || !document.getElementById( expando ).length;
        });
        // ID filter and find
        if ( support.getById ) {
            support.filter["ID"] = function( id ) {
                var attrId = id.replace( runescape, funescape );
                return function( elem ) {
                    return elem.getAttribute("id") === attrId;
                };
            };
            support.find["ID"] = function( id, context ) {
                var elem = context.getElementById( id );
                if ( elem ) {
                    return [ elem ];
                }
                return [];
            };
        } else {
            support.filter["ID"] = function( id ) {
                var attrId = id.replace( runescape, funescape );
                return function( elem ) {
                    var node = typeof elem.getAttributeNode !== "undefined" && elem.getAttributeNode("id");
                    return node && node.value === attrId;
                };
            };
            support.find["ID"] = function( id, context ) {
                var node, i, elems,
                    telem = context.getElementById( id );
                if ( !telem ) {
                    return [];
                }
                // Verify the id attribute
                node = elem.getAttributeNode("id");
                if ( node && node.value === id ) {
                    return [ elem ];
                }
                // Fall back on getElementsByName
                telem = context.getElementsByName( id );
                for ( i = 0; i < telem.length; i++ ) {
                    node = telem[i].getAttributeNode("id");
                    if ( node && node.value === id ) {
                        elems.push( telem[i] );
                    }
                }
                return elems;
            };
        }
    }
}

```

```

return [ elem ];
TAG = support.getElementsByTagName ? function( tag, context ) {
  if ( typeof context.getElementsByTagName !== "undefined" ) {
    return context.getElementsByTagName( tag );
  }
  // DocumentFragment nodes don't have gEBTN
  else if ( support.qsa ) {
    return context.querySelectorAll( tag );
  }
  // By happy coincidence, a (broken) gEBTN appears on DocumentFragment nodes
  else {
    results = context.getElementsByTagName( tag );
    // Filter out possible comments
    while ( ( elem = results[i++] ) ) {
      if ( elem.nodeType === 1 ) {
        tmp.push( elem );
      }
    }
    return tmp;
  }
  return results;
};

CLASS = support.getElementsByClassName && function( className, context ) {
  if ( typeof context.getElementsByClassName !== "undefined" && documentIsHTML ) {
    return context.getElementsByClassName( className );
  }
  // QSA/matchesSelector
  //-----
  //----- *
  // QSA and matchesSelector support
  // matchesSelector(:active) reports false when true (IE9/Opera 11.5)
  // buggyMatches = [];
  // qSa(:focus) reports false when true (Chrome 21)
  // We allow this because of a bug in IE8/9 that throws an error
  // whenever `document.activeElement` is accessed on an iframe
  // So, we allow :focus to pass through QSA all the time to avoid the IE error
  // See https://bugs.jquery.com/ticket/13378
  // buggyQSA = [];
  // (support.qsa = native.test( document.querySelectorAll ))
  // Build QSA regex
  // Regex strategy adopted from Diego Perini
  // assert(function( el ) {
  //   Select is set to empty string on purpose
  //   This is to test IE's treatment of not explicitly
  //   setting a boolean content attribute,
  //   since its presence should be enough
  //   https://bugs.jquery.com/ticket/12359
  //   docElem.appendChild( el ).innerHTML = "<a id=" + expando + "></a>" +
  //   "<select id=" + expando + " msallowcapture=" + ">" +
  //   "<option selected=" + "></option></select>";
  //   Support: IE8, Opera 11-12.16
  //   Nothing should be selected when empty strings follow
  //   ^= or $= or *=
  //   The test attribute must be unknown in Opera but "safe" for WinRT
  //   https://msdn.microsoft.com/en-us/library/ie/hh465388.aspx#attribute_section
  //   ( el.querySelectorAll( "[msallowcapture^=" ) ).length ) {
  //     buggyQSA.push( "[^$]=" + whitespace + "(?:'|\\\\\\\\)");
  //     Support: IE8
  //     Boolean attributes and "value" are not treated correctly
  //     ( !el.querySelectorAll( "[selected]" ) ).length ) {
  //       buggyQSA.push( "\\\\| " + whitespace + "(?:value| + booleans + )" );
  //       Support: Chrome<29, Android<4.4, Safari<7.0+, iOS<7.0+, PhantomJS<1.9.8+
  //       ( !el.querySelectorAll( "[id~=" + expando + "]" ) ).length ) {
  //         buggyQSA.push( "~=" );
  //         Webkit/Opera - :checked should return selected option elements
  //         http://www.w3.org/TR/2011/REC-css3-selectors-20110929/#checked
  //         IE8 throws error here and will not see later tests
  //         ( !el.querySelectorAll( ":checked" ) ).length ) {
  //           buggyQSA.push( ":checked" );
  //           Support: Safari 8+, iOS 8+
  //           https://bugs.webkit.org/show_bug.cgi?id=136851
  //           In-page `selector#id sibling-combinator selector` fails
  //           ( !el.querySelectorAll( "a#" + expando + "*" ) ).length ) {
  //             buggyQSA.push( ".#[+~]" );
  //           }
  //           assert(function( el ) {
  //             el.innerHTML = "<a href=" + disabled + "></a>" +
  //             "<select disabled=" + disabled + "><option></select>";
  //             Support: Windows 8 Native Apps
  //             The type and name attributes are restricted during .innerHTML assignment
  //             input = document.createElement( "input" );
  //             input.setAttribute( "type", "hidden" );
  //             tel.appendChild( input ).setAttribute( "name", "D" );
  //             Support: IE8
  //             Enforce case-sensitivity of name attribute
  //             ( el.querySelectorAll( "[name=d]" ) ).length ) {
  //               buggyQSA.push( "name" + whitespace + "[*^$]!~?=" );
  //               FF 3.5 - :enabled/:disabled and hidden elements (hidden elements are still enabled)
  //               IE8 throws error here and will not see later tests
  //               ( el.querySelectorAll( ":enabled" ) ).length !== 2 ) {
  //                 buggyQSA.push( ":enabled", ":disabled" );
  //               }
  //               Support: IE9-11+
  //               IE's :disabled selector does not pick up the children of disabled fieldsets
  //               docElem.appendChild( el ).disabled = true;
  //               ( el.querySelectorAll( ":disabled" ) ).length !== 2 ) {
  //                 buggyQSA.push( ":enabled", ":disabled" );
  //               }
  //               Opera 10-11 does not throw on post-comma

```













```

    {
      return the length of the invalid excess
      if we're just parsing
      Otherwise,
      throw an error or return tokens
      return parseOnly ? tsoFar.length : tsoFar ? Sizzle.error( selector )
      : Cache the tokens
      tokenCache( selector, groups ).slice( 0 );
      function toSelector( tokens )
      {
        var i = 0, len = tokens.length, selector = "";
        for ( ; i < len; i++ )
          selector += tokens[i].value;
        return selector;
      }
      function addCombinator( matcher, combinator, base )
      {
        var dir = combinator.dir, skip = combinator.next, key = skip || dir, checkNonElements = base && key === "parentNode", doneName = done++;
        return combinator.first ?
          // Check against closest ancestor/preceding element
          function( elem, context, xml )
          {
            while ( elem = elem[ dir ] )
              if ( elem.nodeType === 1 || checkNonElements )
                return matcher( elem, context, xml );
            return false;
          } :
          // Check against all ancestor/preceding elements
          function( elem, context, xml )
          {
            var oldCache, uniqueCache, outerCache, newCache = [ dirruns, doneName ];
            // We can't set arbitrary data on XML nodes, so they don't benefit from combinator caching
            if ( xml )
              while ( elem = elem[ dir ] )
                if ( elem.nodeType === 1 || checkNonElements )
                  if ( matcher( elem, context, xml ) )
                    return true;
            else
              while ( elem = elem[ dir ] )
                if ( elem.nodeType === 1 || checkNonElements )
                  if ( outerCache = elem[ expando ] || ( elem[ expando ] = {} ) )
                    // Support: IE <9 only
                    // Defend against cloned attributes
                    ( uniqueCache = outerCache[ elem.uniqueID ] || ( outerCache[ elem.uniqueID ] = {} ) )
                    if ( skip && skip === elem.nodeName.toLowerCase() )
                      elem = elem[ dir ] || elem;
                    else if ( oldCache = uniqueCache[ key ] && oldCache[ 0 ] === dirruns && oldCache[ 1 ] === doneName )
                      // Assign to newCache so results back-propagate to previous elements
                      ( newCache[ 2 ] = oldCache[ 2 ] );
                    else
                      // Reuse newcache so results back-propagate to previous elements
                      uniqueCache[ key ] = newCache;
                  if ( aMatch means we're done; a fail means we have to keep checking
                    ( newCache[ 2 ] = matcher( elem, context, xml ) ) )
                    return true;
            return false;
          }
      }
      function elementMatcher( matchers )
      {
        return matchers.length > 1 ?
          function( elem, context, xml )
          {
            var i = matchers.length;
            while ( i-- )
              if ( !matchers[i]( elem, context, xml ) )
                return false;
            return true;
          } :
          matchers[0];
      }
      function multipleContexts( selector, contexts, results )
      {
        var i = 0, len = contexts.length;
        for ( ; i < len; i++ )
          Sizzle( selector, contexts[i], results );
        return results;
      }
      function condense( unmatched, map, filter, context, xml )
      {
        var elem, newUnmatched = [], ti = 0, len = unmatched.length, mapped = map != null;
        for ( ; i < len; i++ )
          if ( elem = unmatched[i] )
            if ( !filter || filter( elem, context, xml ) )
              ( newUnmatched.push( elem );
                if ( mapped )
                  mapped.push( i );
              );
        return newUnmatched;
      }
      function setMatcher( preFilter, selector, matcher, postFilter, postFinder, postSelector )
      {
        if ( postFilter && !postFilter[ expando ] )
          postFilter = setMatcher( postFilter );
        if ( postFinder && !postFinder[ expando ] )
          postFinder = setMatcher( postFinder, postSelector );
        return markFunction( function( seed, results, context, xml )
        {
          var temp, i, elem, preMap = [], postMap = [], preexisting = results.length;
          // Get initial elements from seed or context
          ( telems = seed || multipleContexts( selector || "*", context.nodeType ? [ context ] : context, [] ) ),
          // Prefilter to get matcher input, preserving a map for seed-results synchronization
          ( matcherIn = preFilter && ( seed || !selector ) ? condense( elems, preMap, preFilter, context, xml ) : telems ),
          ( matcherOut = matcher ?
            // If we have a postFinder, or filtered seed, or non-seed postFilter or preexisting results,
            // ...intermediate processing is necessary
            : otherwise use results directly
            results );
          // Find primary matches
          ( matcher( matcherIn, matcherOut, context, xml );
            // Apply postFilter
            ( postFilter ? temp = condense( matcherOut, postMap ) : temp = matcherOut );
            // Un-match failing elements by moving them back to matcherIn
            ( ti = temp.length;
              while ( i-- )
                if ( elem = temp[i] )
                  ( matcherOut[ postMap[i] ] = !matcherIn[ postMap[i] ] = elem );
            );
            // seed
            ( seed ? postFinder || preFilter )
          );
        } );
      }
    }
  
```

```

function( postFinder ) {
  // Get the final matcherOut by condensing this intermediate into postFinder
  contexts[ temp ] = [];
  matcherOut.length;
  while ( i-- ) {
    if ( elem =
      matcherOut[i] ) {
      // Restore matcherIn since elem is not yet a final match
      temp.push(
        (matcherIn[i] = elem) );
      postFinder( null, (matcherOut = []), temp, xml
    );
    // Move matched elements from seed to results to keep them synchronized
    matcherOut.length;
    while ( i-- ) {
      if ( (elem = matcherOut[i]) && (temp = postFinder ?
        indexOf( seed, elem ) : preMap[i] > -1 ) ) {
        results[ temp ] = !results[ temp ] ?
          elem;
        // Add elements to results, through postFinder if defined
      } else {
        matcherOut = condense(
          matcherOut === results ?
            matcherOut.splice( preexisting,
              matcherOut.length ) :
            matcherOut );
        if ( postFinder ) {
          postFinder( null, results,
            matcherOut, xml );
        } else {
          push.apply( results, matcherOut );
        }
      }
    }
  }
  function
  matcherFromTokens( tokens ) {
    var checkContext, matcher, j, len = tokens.length,
        leadingRelative = Expr.relative[ tokens[0].type ],
        implicitRelative = leadingRelative || Expr.relative[ "" ],
        ti = leadingRelative ? 1 : 0;
    // The foundational matcher ensures that elements are reachable from top-level
    context(s)
    matchContext = addCombinator( function( elem ) {
      return elem === checkContext;
    }, implicitRelative, true ),
    matchAnyContext = addCombinator( function( elem ) {
      return indexOf(
        checkContext, elem ) > -1;
    }, implicitRelative, true ),
    matchers = [ function( elem, context, xml ) {
      var ret = ( !leadingRelative && ( xml || context !== outermostContext ) ) ||
        ( (xml || context).nodeType ?
          matchContext( elem, context, xml ) :
          matchAnyContext( elem, context, xml ) );
      // Avoid hanging onto element (issue #299)
      checkContext = null;
      return ret;
    } ];
    for ( ; i < len; i++ ) {
      if ( (matcher = Expr.relative[ tokens[i].type ]) ) {
        matchers = [ addCombinator( elementMatcher(
          matchers ), matcher ) ];
      } else {
        matcher = Expr.filter[ tokens[i].type ].apply( null, tokens[i].matches
      );
      // Return special upon seeing a positional matcher
      if ( matcher[ expando ] ) {
        // Find the next
        relative operator (if any) for proper handling
        tj = ++i;
        for ( ; j < len; j++ ) {
          if ( Expr.relative[
            tokens[j].type ] ) {
            break;
          }
        }
        return setMatcher(
          ti > 1 && elementMatcher(
            matchers ),
          ti > 1 && toSelector(
            // If the preceding token was a descendant combinator, insert an
            implicit any-element `*`
            tokens.slice( 0, i - 1 ).concat( {
              value: tokens[ i - 2 ].type === "|" ? "*" : "|"
            } )
          ).replace( rtrim, "$1" ),
          matcher,
          ti < j && matcherFromTokens( tokens.slice( i, j )
        ),
          ti < j && matcherFromTokens( (tokens = tokens.slice( j )
        ),
          ti < j && toSelector( tokens
        )
      );
      matchers.push( matcher );
    }
    return elementMatcher( matchers );
  }
  function
  matcherFromGroupMatchers( elementMatchers, setMatchers ) {
    var bySet = setMatchers.length >
      0,
      byElement = elementMatchers.length > 0,
      superMatcher = function( seed, context, xml, results, outermost
    ) {
      var elem, j, matcher,
          matchedCount = 0,
          ti = "0",
          unmatched = seed &&
            [],
          tsetMatched = [],
          contextBackup = outermostContext,
          // We must always have either seed
          elements or outermost context
          elems = seed || byElement && Expr.find( "TAG" )( "*" ", outermost ),
          // Use integer dirruns iff this is the outermost matcher
          dirrunsUnique = (dirruns += contextBackup === null ? 1 :
            Math.random() || 0.1),
          len = elems.length;
      if ( outermost ) {
        outermostContext = context ===
          document || context || outermost;
      }
      // Add elements passing elementMatchers directly to results
      // Support: IE<9, Safari
      // Tolerate NodeList properties (IE: "length"; Safari: <number>)
      matching elements by
      id
      for ( ; i !== len && (elem = elems[i]) != null; i++ ) {
        if ( byElement && elem ) {
          if ( !context && elem.ownerDocument !== document ) {
            tsetDocument( elem );
          }
          if ( !documentIsHTML &&
            !documentIsHTML ) {
            while ( (matcher = elementMatchers[j++]) ) {
              if ( matcher( elem,
                context || document, xml ) ) {
                results.push( elem );
                break;
              }
            }
          }
          if ( outermost ) {
            dirruns = dirrunsUnique;
          }
          // Track unmatched elements for set
          filters
          if ( bySet ) {
            // They will have gone through all possible matchers
            if ( elem =
              !matcher && elem ) {
              matchedCount--;
            }
            // Lengthen the array for every element,
            matched or not
            if ( seed ) {
              unmatched.push( elem );
            }
            // `i` is now
            the count of elements visited above, and adding it to `matchedCount`
            makes the latter

```













```

tuple ) {
  Map tuples (progress, done, fail) to arguments (done, fail, progress)
  isFunction( fns[ tuple[ 4 ] ] ) && fns[ tuple[ 4 ] ];
  deferred.progress(function() { bind to newDefer or newDefer.notify })
  deferred.done(function() { bind to newDefer or newDefer.resolve })
  deferred.fail(function() { bind to newDefer or newDefer.reject })
  (deferred[ tuple[ 1 ] ])( function()
    {
      returned = fn && fn.apply( this, arguments );
      if ( returned && isFunction( returned.promise ) ) {
        returned.promise().then( function() {
          progress( newDefer.notify );
          done( newDefer.resolve );
          fail( newDefer.reject );
        } else {
          newDefer[ tuple[ 0 ] + "With" ]( this, fn ? [ returned ] : arguments );
          promise();
        }
      }
      then: function( onFulfilled, onRejected, onProgress ) {
        maxDepth = 0;
        function resolve( depth, deferred, handler, special ) {
          return function() {
            that = this;
            targs = arguments;
            tmightThrow = function() {
              returned, then;
            };
            Support: Promises/A+ section 2.3.3.3.3
            https://promisesaplus.com/#point-59
            Ignore double-resolution attempts
            if ( depth < maxDepth ) {
              return;
            }
            returned = handler.apply( that, args );
            Support: Promises/A+ section 2.3.1
            https://promisesaplus.com/#point-48
            if ( returned === deferred.promise() ) {
              throw new TypeError( "Thenable self-resolution" );
            }
            Support: Promises/A+ sections 2.3.3.1, 3.5
            https://promisesaplus.com/#point-54
            https://promisesaplus.com/#point-75
            Retrieve `then` only once
            then = returned && then;
            Support: Promises/A+ section 2.3.4
            https://promisesaplus.com/#point-64
            Only check objects and functions for thenability
            ( typeof returned === "object" || typeof returned === "function" )
            && then;
            Handle a returned thenable
            if ( isFunction( then ) ) {
              Special processors (notify) just wait for resolution
              if ( special ) {
                then.call( returned, resolve( maxDepth, deferred, Identity, special ), resolve( maxDepth, deferred, Thrower, special ) );
              }
              Normal processors (resolve) also hook into progress
            } else {
              ...and disregard older resolution values
              maxDepth++;
              then.call( returned, resolve( maxDepth, deferred, Identity, special ), resolve( maxDepth, deferred, Thrower, special ) );
            }
            resolve( maxDepth, deferred, Identity, deferred.notifyWith )
          );
          Handle all other returned values
        } else {
          Only substitute handlers pass on context and multiple values (non-spec behavior)
          if ( handler !== Identity ) {
            that = undefined;
            targs = [ returned ];
          }
          Process the value(s)
          Default process is resolve
          ( special || deferred.resolveWith )( that, args );
          Only normal processors (resolve) catch and reject exceptions
          process = special ?
            tmightThrow :
            function() {
              try {
                tmightThrow();
              } catch ( e ) {
                if ( jQuery.Deferred.exceptionHook ) {
                  jQuery.Deferred.exceptionHook( e, process.stackTrace );
                }
                Support: Promises/A+ section 2.3.3.3.4
                https://promisesaplus.com/#point-61
                Ignore post-resolution exceptions
                if ( depth + 1 >= maxDepth ) {
                  Only substitute handlers pass on context and multiple values (non-spec behavior)
                }
                if ( handler !== Thrower ) {
                  that = undefined;
                  targs = [ e ];
                }
                deferred.rejectWith( that, args );
              }
            };
          Support: Promises/A+ section 2.3.3.3.1
          https://promisesaplus.com/#point-57
          Re-resolve promises immediately to dodge

```





```

Object.defineProperty( owner, this.expando, {value: value, configurable:
true});
return value;
set: function( owner, data, value ) {
  prop, cache = this.cache( owner );
  Handle: [ owner, key, value ] args
  Always use camelCase key (gh-2257)
  if ( typeof data === "string" ) {
    cache[ camelCase( data ) ] = value;
  }
  Handle: [ owner, {
    properties } ] args
  else {
    Copy the properties one-by-one to the cache object
    for ( prop in data ) {
      cache[ camelCase( prop ) ] = data[ prop ];
    }
  }
  return cache;
  get: function( owner, key ) {
    return key === undefined ?
      this.cache( owner ) :
      Always use camelCase key (gh-2257)
    owner[ this.expando ] && owner[ this.expando ][ camelCase( key ) ];
  },
  access: function( owner, key, value ) {
    In cases where either:
    1. No key was specified
    2. A string key was specified, but no value provided
    Take the "read" path and allow the get method to determine
    which value to return, respectively either:
    1. The entire cache object
    2. The data stored at the key
    if ( key === undefined ||
      ( key && typeof key === "string" ) && value === undefined ) {
      return this.get( owner, key );
    }
    When the key is not a string, or both a key and value are specified, set or extend (existing objects) with either:
    1. An object of properties
    2. A key and value
    this.set( owner, key, value );
    Since the "set" path can have two possible entry points
    return the expected data based on which path was taken[*]
    return value !== undefined ? value :
    key;
  },
  remove: function( owner, key ) {
    var i, cache = owner[ this.expando ];
    if ( cache === undefined ) {
      return;
    }
    if ( key !== undefined ) {
      Support array or space separated string of keys
      if ( Array.isArray( key ) ) {
        If key is an array of keys...
        We always set camelCase keys, so remove that.
        key = key.map( camelCase );
      }
      else {
        key = camelCase( key );
      }
      If a key with the spaces exists, use it.
      Otherwise, create an array by matching non-whitespace
      key = key in cache ?
        key :
        key.match( /\s+/g ) || [];
    }
    while ( i-- ) {
      delete cache[ key[ i ] ];
    }
    Remove the expando if there's no more data
    if ( key === undefined || jQuery.isEmptyObject( cache ) ) {
      Support: Chrome <=35 - 45
      Webkit & Blink performance suffers when deleting properties
      from DOM nodes, so set to undefined instead
      https://bugs.chromium.org/p/chromium/issues/detail?id=378607 (bug restricted)
      if ( owner.nodeType ) {
        owner[ this.expando ] = undefined;
      }
      else {
        delete owner[ this.expando ];
      }
    }
    hasData: function( owner ) {
      var cache = owner[ this.expando ];
      return cache !== undefined && !jQuery.isEmptyObject( cache );
    }
    dataPriv = new Data();
    dataUser = new Data();
    Implementation Summary
    1. Enforce API surface and semantic compatibility with 1.9.x branch
    2. Improve the module's maintainability by reducing the storage
    paths to a single mechanism.
    3. Use the same single mechanism to support "private" and "user" data.
    4. _Never_ expose "private" data to user code (TODO: Drop _data, _removeData)
    5. Avoid exposing implementation details on user objects (eg. expando properties)
    6. Provide a clear path for implementation upgrade to WeakMap in 2014
    rbrace = /^(?:\{[\w\W]*\}|\[[\w\W]*\])$/;
    multiDash = /[A-Z]/g;
    function getData( data ) {
      if ( data === "true" ) {
        return true;
      }
      if ( data === "false" ) {
        return false;
      }
      if ( data === "null" ) {
        return null;
      }
      Only convert to a number if it doesn't change the string
      if ( data === +data + "" ) {
        return +data;
      }
      if ( rbrace.test( data ) ) {
        return JSON.parse( data );
      }
      return data;
    }
    function dataAttr( elem, key, data ) {
      var name;
      If nothing was found internally, try to fetch any
      data from the HTML5 data-* attribute
      if ( data === undefined && elem.nodeType === 1 ) {
        name = "data-" + key.replace( multiDash, "-$&" ).toLowerCase();
        data = elem.getAttribute( name );
        if ( typeof data === "string" ) {
          try {
            data = getData( data );
          }
          catch ( e ) {}
          Make sure we set the data so it isn't changed later
          dataUser.set( elem, key, data );
        }
        else {
          data = undefined;
        }
      }
      return data;
    }
    jQuery.extend( {
      hasData: function( elem ) {
        return dataUser.hasData( elem ) || dataPriv.hasData( elem );
      },
      data: function( elem, name, data ) {
        return dataUser.access( elem, name, data );
      },
      removeData: function( elem, name ) {
        dataUser.remove( elem, name );
      },
      // TODO: Now that all calls to _data and _removeData have been replaced
      // with direct calls to dataPriv methods, these can be deprecated.
      _data: function( elem, name, data ) {
        return dataPriv.access( elem,

```







```

state ) {
  if ( typeof state === "boolean" ) {
    return state ? this.show() : this.hide();
  }
  return this.each( function() {
    if ( isHiddenWithinTree( this ) ) {
      jQuery( this ).show();
    } else {
      jQuery( this ).hide();
    }
  } );
  nvar rcheckableType = ( /^(?:checkbox|radio)$/i );
  nvar rtagName = ( /^[a-z]\/\0>\x20\t\r\n\f+/i );
  nvar rscriptType = ( /^\$|^module\$/\?(?:java|ecma)script/i );
  // We have to close these tags to support XHTML (#13200)
  nvar wrapMap = {
    // Support: IE <=9 only
    option: [ 1, "<select multiple='multiple'>|", "</select>|",
    // XHTML parsers do not magically insert elements in the
    // same way that tag soup parsers do. So we cannot shorten this by omitting <tbody> or other
    // required elements.
    thead: [ 1, "<table>|", "</table>|",
    tbody: [ 2, "<table><tbody>|", "</tbody></table>|",
    tr: [ 3, "<table><tbody><tr>|", "</tr></tbody></table>|",
    _default: [ 0, "", "" ] };
  // Support: IE <=9 only
  nwrapMap.optgroup = wrapMap.option;
  nwrapMap.tbody = wrapMap.tfoot = wrapMap.colgroup = wrapMap.caption = wrapMap.thead;
  nwrapMap.th = wrapMap.td;
  nfunction getAll( context, tag ) {
    // Support: IE <=9 - 11 only
    // Use typeof to avoid zero-argument method invocation on host objects (#15151)
    nvar ret;
    if ( typeof context.getElementsByTagName !== "undefined" ) {
      ret = context.getElementsByTagName( tag || "*" );
    } else if ( typeof context.querySelectorAll !== "undefined" ) {
      ret = context.querySelectorAll( tag || "*" );
    } else {
      ret = [];
    }
    if ( tag === undefined || tag && nodeName( context, tag ) ) {
      return jQuery.merge( [ context ], ret );
    }
    // Mark scripts as having already been evaluated
    nfunction setGlobalEval( elems, refElements ) {
      nvar i = 0, tl = elems.length;
      nfor ( ; i < l; i++ ) {
        dataPriv.set( elems[ i ], "globalEval", refElements || dataPriv.get( refElements[ i ], "globalEval" ) );
      }
    }
    nvar rhtml = /<\/?>|w+;/;
    nfunction buildFragment( elems, context, scripts, selection, ignored ) {
      nvar elem, tmp, tag, wrap, contains, j, fragment = context.createDocumentFragment(),
      nodes = [],
      ti = 0,
      tl = elems.length;
      nfor ( ; i < l; i++ ) {
        elem = elems[ i ];
        if ( elem || elem === 0 ) {
          // Add nodes directly
          if ( toType( elem ) === "object" ) {
            jQuery.merge( nodes, elem );
          }
          // Support: Android <=4.0 only, PhantomJS 1 only
          // push.apply(_, arraylike) throws on ancient WebKit
          jQuery.merge( nodes, ( rhtml.test( elem ) ? [ elem ] : elem ) );
          // Convert non-html into a text node
          else if ( !rhtml.test( elem ) ) {
            nodes.push( context.createTextNode( elem ) );
          }
          // Convert html into DOM nodes
          else {
            tmp = tmp || fragment.appendChild( context.createElement( "div" ) );
            // Deserialize a standard representation
            tag = ( rtagName.exec( elem ) || [ "", "" ] )[ 1 ].toLowerCase();
            wrap = wrapMap[ tag ] || wrapMap._default;
            tmp.innerHTML = wrap[ 1 ] + jQuery.htmlPrefilter( elem ) + wrap[ 2 ];
            // Descend through wrappers to the right content
            j = wrap[ 0 ];
            nwhile ( j-- ) {
              tmp = tmp.lastChild;
            }
            // Support: Android <=4.0 only, PhantomJS 1 only
            // push.apply(_, arraylike) throws on ancient WebKit
            jQuery.merge( nodes, tmp.childNodes );
            // Remember the top-level container
            tmp = fragment.firstChild;
            // Ensure the created nodes are orphaned (#12392)
            tmp.textContent = "";
            nwhile ( ( elem = nodes[ i++ ] ) ) {
              // Skip elements already in the context collection (trac-4087)
              if ( selection && jQuery.inArray( elem, selection ) > -1 ) {
                continue;
              }
              // Remove wrapper from fragment
              fragment.textContent = "";
              ti = 0;
              nwhile ( ( elem = nodes[ i++ ] ) ) {
                // Skip elements already in the context collection (trac-4087)
                if ( selection && jQuery.inArray( elem, selection ) > -1 ) {
                  continue;
                }
                // Append to fragment
                tmp = getAll( fragment.appendChild( elem ), "script" );
                // Preserve script evaluation history
                if ( contains ) {
                  setGlobalEval( tmp );
                }
                // Capture executables
                if ( scripts ) {
                  j = 0;
                  nwhile ( ( elem = tmp[ j++ ] ) ) {
                    if ( rscriptType.test( elem.type ) ) {
                      scripts.push( elem );
                    }
                  }
                }
                return fragment;
              }
            }
            nvar fragment = document.createDocumentFragment(),
            div = fragment.appendChild( document.createElement( "div" ) ),
            input = document.createElement( "input" );
            // Support: Android 4.0 - 4.3 only
            // Check state lost if the name is set (#11217)
            // Support: Windows Web Apps (WWA)
            // `name` and `type` must use .setAttribute for WWA (#14901)
            input.setAttribute( "type", "radio" );
            input.setAttribute( "checked", "checked" );
            input.setAttribute( "name", "t" );
            ndiv.appendChild( input );
            // Support: Android <=4.1 only
            // Older WebKit doesn't clone checked state correctly in fragments
            nsupport.checkClone = div.cloneNode( true ).cloneNode( true ).lastChild.checked;
            // Support: IE <=11 only
            // Make sure textarea

```











```
keepData) {\n\tvar node,\n\ttnodes = selector ? jQuery.filter( selector, elem ) : elem,\n\tti = 0;\n\tfor ( ; ( node = nodes[ i ] ) != null; i++ ) {\n\t\tif ( !keepData && node.nodeType === 1 ) {\n\t\t\tjQuery.cleanData( getAll( node ) );\n\t\t}\n\t\tif ( node.parentNode ) {\n\t\t\tif ( keepData && jQuery.contains( node.ownerDocument, node ) ) {\n\t\t\t\tsetGlobalEval( getAll( node, "script" ) );\n\t\t\t}\n\t\t\tnode.parentNode.removeChild( node );\n\t\t}\n\t\treturn elem;\n\t}\n\tjQuery.extend( {\n\t\thtmlPrefilter: function( html ) {\n\t\t\treturn html.replace( rxhtmlTag, "<$1></$2>" );\n\t\t},\n\t\tclone: function( elem, dataAndEvents, deepDataAndEvents ) {\n\t\t\tvar i, l, srcElements, destElements,\n\t\t\ttclone = elem.cloneNode( true ),\n\t\t\tinPage = jQuery.contains( elem.ownerDocument, elem );\n\t\t\t// Fix IE cloning issues\n\t\t\tif ( !support.noCloneChecked && ( elem.nodeType === 1 || elem.nodeType === 11 ) && !jQuery.isXMLDoc( elem ) ) {\n\t\t\t\t// We eschew Sizzle here for performance reasons: https://jsperf.com/getall-vs-sizzle/2\n\t\t\t\tdestElements = getAll( clone );\n\t\t\t\tsrcElements = getAll( elem );\n\t\t\t\tfor ( i = 0, l = srcElements.length; i < l; i++ ) {\n\t\t\t\t\tfixInput( srcElements[ i ], destElements[ i ] );\n\t\t\t\t}\n\t\t\t\t// Copy the events from the original to the clone\n\t\t\t\tif ( dataAndEvents ) {\n\t\t\t\t\tif ( deepDataAndEvents ) {\n\t\t\t\t\t\tsrcElements = srcElements || getAll( elem );\n\t\t\t\t\t\tdestElements = destElements || getAll( clone );\n\t\t\t\t\t\tfor ( i = 0, l = srcElements.length; i < l; i++ ) {\n\t\t\t\t\t\t\tcloneCopyEvent( srcElements[ i ], destElements[ i ] );\n\t\t\t\t\t\t}\n\t\t\t\t\t}\n\t\t\t\t\telse {\n\t\t\t\t\t\tcloneCopyEvent( elem, clone );\n\t\t\t\t\t}\n\t\t\t\t\t// Preserve script evaluation history\n\t\t\t\t\tdestElements = getAll( clone, "script" );\n\t\t\t\t\tif ( destElements.length > 0 ) {\n\t\t\t\t\t\tsetGlobalEval( destElements, !inPage && getAll( elem, "script" ) );\n\t\t\t\t\t}\n\t\t\t\t\t// Return the cloned set\n\t\t\t\t\treturn clone;\n\t\t\t}\n\t\t\tcleanData: function( elems ) {\n\t\t\t\tvar data, elem, type,\n\t\t\t\ttspecial = jQuery.event.special,\n\t\t\t\tti = 0;\n\t\t\t\tfor ( ; ( elem = elems[ i ] ) != undefined; i++ ) {\n\t\t\t\t\tif ( acceptData( elem ) ) {\n\t\t\t\t\t\tif ( ( data = elem[ dataPriv.expando ] ) ) {\n\t\t\t\t\t\t\tif ( data.events ) {\n\t\t\t\t\t\t\t\tfor ( type in data.events ) {\n\t\t\t\t\t\t\t\t\tif ( special[ type ] ) {\n\t\t\t\t\t\t\t\t\t\tjQuery.event.remove( elem, type );\n\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t// This is a shortcut to avoid jQuery.event.remove's overhead\n\t\t\t\t\t\t\t\tif ( jQuery.removeEvent( elem, type, data.handle );\n\t\t\t\t\t\t\t\t\t\tjQuery.removeEvent( elem, type, data.handle );\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t// Support: Chrome <=35 - 45\n\t\t\t\t\t\t\t\t// Assign undefined instead of using delete, see Data#remove\n\t\t\t\t\t\t\t\ttelem[ dataPriv.expando ] = undefined;\n\t\t\t\t\t\t\t\tif ( elem[ dataUser.expando ] ) {\n\t\t\t\t\t\t\t\t\t// Support: Chrome <=35 - 45\n\t\t\t\t\t\t\t\t\t// Assign undefined instead of using delete, see Data#remove\n\t\t\t\t\t\t\t\t\ttelem[ dataUser.expando ] = undefined;\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\tjQuery.fn.extend( {\n\t\t\t\t\t\t\t\tdetach: function( selector ) {\n\t\t\t\t\t\t\t\t\treturn remove( this, selector, true );\n\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\tremove: function( selector ) {\n\t\t\t\t\t\t\t\t\treturn remove( this, selector );\n\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\ttext: function( value ) {\n\t\t\t\t\t\t\t\t\treturn access( this, function( value ) {\n\t\t\t\t\t\t\t\t\t\treturn value === undefined ?\n\t\t\t\t\t\t\t\t\t\tjQuery.text( this ) :\n\t\t\t\t\t\t\t\t\t\tthis.empty().each( function() {\n\t\t\t\t\t\t\t\t\t\t\tif ( this.nodeType === 1 || this.nodeType === 11 || this.nodeType === 9 ) {\n\t\t\t\t\t\t\t\t\t\t\t\tthis.textContent = value;\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t}, null, value, arguments.length );\n\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\tappend: function() {\n\t\t\t\t\t\t\t\t\treturn domManip( this, arguments, function( elem ) {\n\t\t\t\t\t\t\t\t\t\tif ( this.nodeType === 1 || this.nodeType === 11 || this.nodeType === 9 ) {\n\t\t\t\t\t\t\t\t\t\t\t\tvar target = manipulationTarget( this, elem );\n\t\t\t\t\t\t\t\t\t\t\t\ttarget.appendChild( elem );\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\t\tprepend: function() {\n\t\t\t\t\t\t\t\t\t\treturn domManip( this, arguments, function( elem ) {\n\t\t\t\t\t\t\t\t\t\t\tif ( this.nodeType === 1 || this.nodeType === 11 || this.nodeType === 9 ) {\n\t\t\t\t\t\t\t\t\t\t\t\tvar target = manipulationTarget( this, elem );\n\t\t\t\t\t\t\t\t\t\t\t\ttarget.insertBefore( elem, target.firstChild );\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\t\tbefore: function() {\n\t\t\t\t\t\t\t\t\t\treturn domManip( this, arguments, function( elem ) {\n\t\t\t\t\t\t\t\t\t\t\tif ( this.parentNode ) {\n\t\t\t\t\t\t\t\t\t\t\t\tthis.parentNode.insertBefore( elem, this );\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\t\tafter: function() {\n\t\t\t\t\t\t\t\t\t\treturn domManip( this, arguments, function( elem ) {\n\t\t\t\t\t\t\t\t\t\t\tif ( this.parentNode ) {\n\t\t\t\t\t\t\t\t\t\t\t\tthis.parentNode.insertBefore( elem, this.nextSibling );\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\t\tempty: function() {\n\t\t\t\t\t\t\t\t\t\tvar elem,\n\t\t\t\t\t\t\t\t\t\t\tti = 0;\n\t\t\t\t\t\t\t\t\t\t\tfor ( ; ( elem = this[ i ] ) != null; i++ ) {\n\t\t\t\t\t\t\t\t\t\t\t\tif ( elem.nodeType === 1 ) {\n\t\t\t\t\t\t\t\t\t\t\t\t\tjQuery.cleanData( getAll( elem, false ) );\n\t\t\t\t\t\t\t\t\t\t\t\t\t// Remove any remaining nodes\n\t\t\t\t\t\t\t\t\t\t\t\t\ttelem.textContent = "";\n\t\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\t\treturn this;\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\t}\n\t\t\t\t\t\t\t\t\t\t\tclone: function( dataAndEvents, deepDataAndEvents ) {\n\t\t\t\t\t\t\t\t\t\t\t\treturn this.map( function() {\n\t\t\t\t\t\t\t\t\t\t\t\t\treturn jQuery.clone( this, dataAndEvents, deepDataAndEvents );\n\t\t\t\t\t\t\t\t\t\t\t\t});\n\t\t\t\t\t\t\t\t\t\t\t},\n\t\t\t\t\t\t\t\t\t\t\thtml: function( value ) {\n\t\t\t\t\t\t\t\t\t\t\t\treturn access( this, function( value ) {\n\t\t\t\t\t\t\t\t\t\t\t\t\tvar elem = this[ 0 ] || {},\n\t\t\t\t\t\t\t\t\t\t\t\t\t\tti = 0,\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\ttl = this.length;\n\t\t\t\t\t\t\t\t\t\t\t\t\t\t\tif ( value === undefined &&
```

```

elem.nodeType === 1 ) {
return elem.innerHTML;
}

// See if we can take a shortcut and just use innerHTML
if ( typeof value === "string" && !noInnerhtml.test( value ) && !wrapMap[
rtagName.exec( value ) || [ "\", '\"] ][ 1 ].toLowerCase() ) {
value = jQuery.htmlPrefilter( value );
try {
for ( ; i < l; i++ ) {
elem = this[ i ] || {};
// Remove element nodes and prevent memory leaks
if ( elem.nodeType === 1 ) {
jQuery.cleanData( getAll( elem, false ) );
elem.innerHTML = value;
elem = 0;
}
// If using innerHTML throws an exception, use the fallback method
} catch ( e ) {}
}
}

if ( this.empty().append( value );
, null, value, arguments.length );
},
replaceWith:
function() {
var ignored = [];
// Make the changes, replacing each non-ignored context element with the new content
return domManip( this, arguments, function( elem ) {
var parent = this.parentNode;
jQuery.inArray( this, ignored ) < 0 {
jQuery.cleanData( getAll( this ) );
if ( parent ) {
parent.replaceChild( elem, this );
}
}
// Force callback invocation
}, ignored );
}
};
jQuery.each( [ "append", "prepend", "insertBefore", "after", "insertAfter", "replaceAll", "replaceWith" ], function( name, original ) {
jQuery.fn[ name ] = function( selector ) {
var elems,
ret = [],
insert = jQuery( selector ),
last = insert.length - 1,
ti = 0;
for ( ; i <= last; i++ ) {
elems = i === last ? this : this.clone( true );
jQuery( insert[ i ] )( original )( elems );
// Support: Android <=4.0 only, PhantomJS 1 only
// .get() because push.apply(_, arraylike) throws on ancient WebKit
this.pushStack( ret );
}
var rnumnonpx = new RegExp( "(^| )px" );
var getStyles = function( elem ) {
// Support: IE <=11 only, Firefox <=30 (#15098, #14150)
// IE throws on elements created in popups
FF meanwhile throws on frame elements through
"defaultView.getComputedStyle"
var view = elem.ownerDocument.defaultView;
if ( !view || !view.opener ) {
view = window;
}
return view.getComputedStyle( elem );
}
var rboxStyle = new RegExp( cssExpand.join( "|" ), "i" );
(function() {
// Executing both pixelPosition & boxSizingReliable tests require only one layout
// so they're executed at the same time to save the second computation.
function computeStyleTests() {
// This is a singleton, we need to execute it only once
!div {
return;
}
container.style.cssText = "position:absolute;left:-1111px;width:60px;"
+ "margin-top:1px;padding:0;border:0";
div.style.cssText = "position:relative;display:block;box-sizing:border-box;overflow:scroll;"
+ "margin:auto;border:1px;padding:1px;"
+ "width:60%;top:1%";
documentElement.appendChild( container ).appendChild( div );
var divStyle = window.getComputedStyle( div );
var pixelPositionVal = divStyle.top !== "1%";
// Support: Android 4.0 - 4.3 only, Firefox <=3 - 44
var reliableMarginLeftVal = roundPixelMeasures( divStyle.marginLeft ) === 12;
// Support: Android 4.0 - 4.3 only, Safari <=9.1 - 10.1, iOS <=7.0 - 9.3
// Some styles come back with percentage values, even though they shouldn't
div.style.right = "60%";
var pixelBoxStylesVal = roundPixelMeasures( divStyle.right ) === 36;
// Support: IE 9 - 11 only
// Detect misreporting of content dimensions for box-sizing: border-box elements
var boxSizingReliableVal = roundPixelMeasures( divStyle.width ) === 36;
// Support: IE 9 only
// Detect overflow: scroll screwiness (gh-3699)
div.style.position = "absolute";
var scrollboxSizeVal = div.offsetWidth === 36 || "absolute";
documentElement.removeChild( container );
// Nullify the div so it wouldn't be stored in the memory and it will also be a sign that checks already performed
div = null;
}
function roundPixelMeasures( measure ) {
return Math.round( parseFloat( measure ) );
}
var pixelPositionVal, boxSizingReliableVal, scrollboxSizeVal, pixelBoxStylesVal,
reliableMarginLeftVal,
container = document.createElement( "div" ),
div = document.createElement( "div" );
// Finish early in limited (non-browser) environments
if ( !div.style ) {
return;
}
// Support: IE <=9 - 11 only
// Style of cloned element affects source element cloned (#8908)
div.style.backgroundClip = "content-box";
div.cloneNode( true ).style.backgroundClip = "";
support.clearCloneStyle = div.style.backgroundClip === "content-box";
jQuery.extend( support, {
boxSizingReliable: function() {
computeStyleTests();
return boxSizingReliableVal;
},
pixelBoxStyles: function() {
computeStyleTests();
return pixelBoxStylesVal;
}
}
}

```



```

pixelBoxStylesVal;
pixelPosition: function() {
    computeStyleTests();
    return pixelPositionVal;
},
reliableMarginLeft: function() {
    computeStyleTests();
    return reliableMarginLeftVal;
},
scrollboxSize: function() {
    computeStyleTests();
    return scrollboxSizeVal;
}
);
function curCSS( elem, name, computed ) {
    var width, minWidth,
        maxWidth, ret;
    // Support: Firefox 51+
    // Retrieving style before computed somehow
    // fixes an issue with getting wrong values
    // on detached elements
    style = elem.style;
    computed = computed ||
        getStyles( elem );
    // getPropertyValue is needed for:
    // .css('filter') (IE 9 only, #12537)
    // .css('--customProperty) (#3144)
    if ( computed ) {
        ret = computed.getPropertyValue( name ) || computed[ name ];
    }
    if ( ret === "" && !jQuery.contains( elem.ownerDocument, elem ) ) {
        ret = jQuery.style( elem, name );
    }
    // A tribute to the "awesome hack by Dean Edwards"
    // Android Browser returns percentage for some values,
    // but width seems to be reliably pixels.
    // This is against the CSSOM draft spec:
    // https://drafts.csswg.org/cssom/#resolved-values
    if ( !support.pixelBoxStyles() && rnumnonpx.test( ret ) &&
        rboxStyle.test( name ) ) {
        // Remember the original values
        twidth = style.width;
        tminWidth = style.minWidth;
        tmaxWidth = style.maxWidth;
        // Put in the new values to get a computed value
        out = style.minWidth = style.maxWidth = style.width = ret;
        tret = computed.width;
        // Revert the changed values
        style.width = width;
        style.minWidth = minWidth;
        style.maxWidth = maxWidth;
    }
    return ret !== undefined ?
        // Support: IE <=9 - 11 only
        // IE returns zIndex value as an integer.
        tret + "" :
        // Support: IE <=9 - 11 only
        // IE returns zIndex value as an integer.
        !support.addGetHookIf( conditionFn, hookFn ) {
            // Define the hook, we'll check on the first run if it's really needed.
            return {
                get: function() {
                    if ( conditionFn() ) {
                        // Hook not needed (or it's not possible to use it due
                        // to missing dependency), remove it.
                        delete this.get;
                        return;
                    }
                    // Hook needed; redefine it so that the support test is not
                    // executed again.
                    return ( this.get = hookFn ).apply( this, arguments );
                }
            };
        }
    // Swappable if display is none or starts with table
    // except "table", "table-cell", or "table-caption"
    // See here for display values:
    // https://developer.mozilla.org/en-US/docs/CSS/display#trdisplayswap = /^(none|table(?!-c[ea]).+)/
    customProp = /^--/,
    tcssShow = { position: "absolute", visibility: "hidden", display: "block" },
    tcssNormalTransform = { letterSpacing: "0", fontWeight: "400" },
    tcssPrefixes = [ "Webkit", "Moz", "ms" ],
    temptyStyle = document.createElement( "div" ).style;

    function vendorPropName( name ) {
        // Shortcut for names that are not vendor prefixed
        if ( name in emptyStyle ) {
            return name;
        }
        // Check for vendor prefixed names
        var capName = name[ 0 ].toUpperCase() + name.slice( 1 ),
            ti = cssPrefixes.length;
        while ( i-- ) {
            name = cssPrefixes[ i ] + capName;
            if ( name in emptyStyle ) {
                return name;
            }
        }
        // Return a property mapped along what jQuery.cssProps suggests or to
        // a vendor prefixed property.
        var ret = jQuery.cssProps[ name ];
        if ( !ret ) {
            ret = jQuery.cssProps[ name ] = vendorPropName( name ) || name;
        }
        return ret;
    }

    function setPositiveNumber( elem, value, subtract ) {
        // Any relative (+/-) values have already been
        // normalized at this point
        var matches = rcssNum.exec( value );
        return matches ?
            // Guard against undefined "subtract", e.g., when used as in
            // cssHooks["Math.max( 0, matches[ 2 ] - ( subtract || 0 ) ) +
            // matches[ 3 ] || "px"
            ( matches[ 3 ] || "px" ) :
            value;
    }

    function boxModelAdjustment( elem, dimension, box, isBorderBox, styles, computedVal ) {
        var i = dimension === "width" ? 1 : 0,
            extra = 0,
            delta = 0;
        Adjustment may not be necessary
        if ( box === ( isBorderBox ? "border" : "content" ) ) {
            return 0;
        }
        for ( ; i < 4; i += 2 ) {
            // Both box models exclude margin
            if ( box === "margin" ) {
                delta += jQuery.css( elem, box + cssExpand[ i ], true, styles );
            }
            // If we get here with a content-box, we're seeking "padding" or "border" or "margin"
            if ( !isBorderBox ) {
                Add padding
                delta += jQuery.css( elem, "padding" + cssExpand[ i ], true, styles );
            }
            // For "border" or "margin", add border
            if ( box !== "padding" ) {
                delta += jQuery.css( elem, "border" + cssExpand[ i ] + "Width", true, styles );
            }
            // But still keep track of it otherwise
            else {
                delta += jQuery.css( elem, "border" + cssExpand[ i ] + "Width", true, styles );
            }
            // If we get here with a border-box (content + padding + border), we're seeking "content" or "padding" or "margin"
            else {
                For "content", subtract padding
                if ( box === "content" ) {
                    delta -= jQuery.css( elem, "padding" +

```



```

undefined ) {
  if ( isCustomProp ) {
    style.setProperty( name, value );
  } else {
    style[ name ] = value;
  }
}
// If a hook was provided get the non-computed value from there
if ( hooks && "get" in hooks && ( ret = hooks.get( elem, false, extra ) ) !== undefined ) {
  return ret;
}
// Otherwise just get the value from the style object
return style[ name ];
},
\ncss: function( elem, name, extra, styles ) {
  var val, num, hooks,
      origName = camelCase( name ),
      isCustomProp = rcustomProp.test( name );
  // Make sure that we're working with the right name.
  // We don't want to modify the value if it is a CSS custom property
  // since they are user-defined.
  if ( !isCustomProp ) {
    name = finalPropName( origName );
  }
  // Try prefixed name followed by the unprefixed name
  hooks = jQuery.cssHooks[ name ] || jQuery.cssHooks[ origName ];
  // If a hook was provided get the computed value from there
  if ( hooks && "get" in hooks ) {
    val = hooks.get( elem, true, extra );
  }
  // Otherwise, if a way to get the computed value exists, use that
  if ( val === undefined ) {
    val = curCSS( elem, name, styles );
  }
  // Convert "normal" to computed value
  if ( val === "normal" && name in cssNormalTransform ) {
    val = cssNormalTransform[ name ];
  }
  // Make numeric if forced or a qualifier was provided and val looks numeric
  if ( extra === "" || extra ) {
    num = parseFloat( val );
    return extra === true || isFinite( num ) ? num || 0 : val;
  }
  return val;
},
jQuery.each( [ "height", "width" ], function( i, dimension ) {
  jQuery.cssHooks[ dimension ] = {
    get: function( elem, computed, extra ) {
      if ( computed ) {
        // Certain elements can have dimension info if we invisibly show them
        // but it must have a current display style that would benefit
        return rdisplayswap.test( jQuery.css( elem, "display" ) ) &&
          // Support: Safari 8+
          // Table columns in Safari have non-zero offsetWidth & zero getBoundingClientRect().width unless display is changed.
          // Support: IE <= 11 only
          // Running getBoundingClientRect on a disconnected node in IE throws an error.
          !elem.getBoundingClientRect() ||
          !elem.getBoundingClientRect().width ) ?
          tswap( elem, cssShow, function() {
            return getWidthOrHeight( elem, dimension, extra );
          } ) :
          getWidthOrHeight( elem, dimension, extra );
      }
    },
    set: function( elem, value, extra ) {
      var matches,
          styles = getStyles( elem ),
          isBorderBox = jQuery.css( elem, "boxSizing", false, styles ) === "border-box",
          subtract = extra &&
            boxModelAdjustment( elem, dimension, extra, isBorderBox, styles ) ?
            // Account for unreliable border-box dimensions by comparing offset* to computed and faking a content-box to get border and padding (gh-3699)
            styles.position ) {
            subtract -= Math.ceil( elem[ "offset" + dimension[ 0 ].toUpperCase() + dimension.slice( 1 ) ] -
              parseFloat( styles[ dimension ] ) -
              boxModelAdjustment( elem, dimension, "border", false, styles ) -
              0.5 );
          }
          // Convert to pixels if value adjustment is needed
          if ( subtract && ( matches = rcssNum.exec( value ) ) && matches[ 3 ] || "px" ) {
            value = "px" );
          }
          elem.style[ dimension ] = value;
          value = jQuery.css( elem, dimension );
          return setPositiveNumber( elem, value, subtract );
        }
      }
    },
    jQuery.cssHooks.marginLeft = addGetHookIf(
      support.reliableMarginLeft,
      function( elem, computed ) {
        if ( computed ) {
          return ( parseFloat( curCSS( elem, "marginLeft" ) ) ||
            elem.getBoundingClientRect().left -
            tswap( elem, {
              marginLeft: 0 },
              function() {
                return elem.getBoundingClientRect().left;
              } ) + "px" );
        }
      }
    );
  // These hooks are used by animate to expand properties
  jQuery.each( {
    margin: "",
    padding: "",
    border: "Width"
  }, function( prefix, suffix ) {
    jQuery.cssHooks[ prefix + suffix ] = {
      expand: function( value ) {
        var i = 0,
            expanded = {},
            // Assumes a single number if not a string
            parts = typeof value === "string" ? value.split( " " ) : [ value ],
            tfor = ( ; i < 4; i++ ) {
              expanded[ prefix + cssExpand[ i ] + suffix ] =
                parts[ i ] || parts[ 0 ];
            }
            return expanded;
          }
        }
      }
    },
    jQuery.fn.extend(
      {
        css: function( name, value ) {
          return access( this, function( elem, name, value ) {
            var styles,
                len,
                tmap = {},
                ti = 0,
                tif = Array.isArray( name ) ?
                  ( Array.isArray( name ) ) ?
                    styles = getStyles( elem );
                    tlen = name.length;
                    tfor ( ; i < len; i++ ) {
                      tmap[ name[ i ] ] = jQuery.css( elem, name[ i ], false, styles

```

```
);  
:jQuery.css( elem, name );  
, name, value, arguments.length > 1 );  
jQuery.Tween( elem,  
options, prop, end, easing ) {  
return new Tween.prototype.init( elem, options, prop, end, easing  
);  
jQuery.Tween = Tween;  
Tween.prototype = {  
constructor: Tween,  
init: function( elem, options, prop,  
end, easing, unit ) {  
this.elem = elem;  
this.prop = prop;  
this.easing = easing ||  
jQuery.easing._default;  
this.options = options;  
this.start = this.now = this.cur();  
this.end =  
end;  
this.unit = unit || ( jQuery.cssNumber[ prop ] ? "" : "px" );  
this.cur: function() {  
return Tween.propHooks[ this.prop ].get( this )  
};  
this.trun: function( percent ) {  
return Tween.propHooks[ this.prop ].set( this, percent );  
};  
this.steps: function( percent ) {  
return Tween.propHooks[ this.prop ].set( this, percent );  
};  
this.now: function( percent ) {  
return Tween.propHooks[ this.prop ].get( this );  
};  
this.steps: function( percent ) {  
return Tween.propHooks[ this.prop ].set( this, percent );  
};  
};  
Tween.prototype.init.prototype = Tween.prototype;  
Tween.propHooks = {  
_default: {  
get: function( tween ) {  
return tween.elem[ tween.prop ] != null && tween.elem.style[ tween.prop ] == null ?  
tween.elem[ tween.prop ] :  
parseFloat( tween.elem.style[ tween.prop ] || "" ) || "px";  
},  
set: function( tween ) {  
if ( !tween.elem[ tween.prop ] ) {  
tween.elem[ tween.prop ] = 0;  
if ( tween.prop == "opacity" ) {  
tween.elem.style.opacity = tween.now;  
} else {  
tween.elem.style[ tween.prop ] = tween.now + tween.unit;  
} }  
return tween.elem[ tween.prop ];  
},  
tween: Tween, // Support: IE <= 9 only  
// Panic based approach to setting things on disconnected nodes  
scrollTop: Tween.propHooks.scrollTop = Tween.propHooks.scrollLeft =  
{  
set: function( tween ) {  
if ( tween.elem.nodeType && tween.elem.parentNode ) {  
tween.elem[ tween.prop ] = tween.now;  
} }  
},  
jQuery.easing = {  
linear: function( p ) {  
return p;  
},  
swing: function( p ) {  
return 0.5 - Math.cos( p * Math.PI ) / 2;  
},  
_default: "swing";  
},  
jQuery.fx =  
Tween.prototype.init, // Back compat < 1.8 extension point  
jQuery.fx.step = {};  
jQuery.fx.now = function( elem, prop, value ) {  
return jQuery.css( elem, prop, value );  
};  
jQuery.fx.tick = function() {  
var cur, ticks = 0;  
for ( var prop in jQuery.fx.step ) {  
cur = jQuery.fx.step[ prop ];  
if ( cur ) {  
cur( ticks );  
} }  
};  
jQuery.fx.timer = function( callback, elem, prop, value ) {  
var timer = new jQuery.fx( elem, prop, value );  
jQuery.fx.timer( timer );  
};  
jQuery.fx.interval = function( elem, prop, value ) {  
var timer = new jQuery.fx( elem, prop, value );  
jQuery.fx.interval( timer );  
};  
jQuery.fx.queue = function( elem, prop, value ) {  
var queue = jQuery.fx.queue( elem );  
return queue[ prop ] || value;  
};  
jQuery.fx.dequeue = function( elem, prop, value ) {  
var queue = jQuery.fx.queue( elem );  
return queue[ prop ] || value;  
};  
jQuery.fx.toggle = function( elem, prop, value ) {  
return value ? jQuery.css( elem, prop ) : value;  
};  
jQuery.fx.animate = function( value, prop, animation ) {  
var tween, collection = ( Animation.tweeners[ prop ] || [] ).concat( Animation.tweeners[ "*" ] ),  
index = 0, length =  
collection.length;  
for ( ; index < length; index++ ) {  
tween = collection[ index ].call( animation, prop, value );  
if ( tween ) {  
return tween;  
} }  
return animation;  
};  
jQuery.fx.defaultPrefilter( elem, props, opts ) {  
var prop, value, toggle, hooks, oldfire, propTween, restoreDisplay, display,  
tween, collection = ( Animation.tweeners[ prop ] || [] ).concat( Animation.tweeners[ "*" ] ),  
index = 0, length =  
collection.length;  
for ( ; index < length; index++ ) {  
tween = collection[ index ].call( animation, prop, value );  
if ( tween ) {  
return tween;  
} }  
return animation;  
};  
jQuery.fx.timer( jQuery.fx.timer );  
jQuery.fx.interval( jQuery.fx.interval );  
jQuery.fx.queue( jQuery.fx.queue );  
jQuery.fx.dequeue( jQuery.fx.dequeue );  
jQuery.fx.toggle( jQuery.fx.toggle );  
jQuery.fx.animate( jQuery.fx.animate );  
jQuery.fx.defaultPrefilter( jQuery.fx.defaultPrefilter );  
};  
jQuery.fx.timer( jQuery.fx.timer );  
jQuery.fx.interval( jQuery.fx.interval );  
jQuery.fx.queue( jQuery.fx.queue );  
jQuery.fx.dequeue( jQuery.fx.dequeue );  
jQuery.fx.toggle( jQuery.fx.toggle );  
jQuery.fx.animate( jQuery.fx.animate );  
jQuery.fx.defaultPrefilter( jQuery.fx.defaultPrefilter );  
};
```



```

name ] = value;
delete props[ index ];
hooks = jQuery.cssHooks[ name ];
if ( hooks &&
"expand" in hooks ) {
value = hooks.expand( value );
delete props[ name ];
// Not quite $.extend,
this won't overwrite existing keys.
// Reusing 'index' because we have the correct "name"
for ( index in
value ) {
if ( ! ( index in props ) ) {
props[ index ] = value[ index ];
specialEasing[ index ] =
easing;
} else {
specialEasing[ name ] = easing;
}
}
function Animation(
elem, properties, options ) {
var result, stopped, index = 0, length =
Animation.prefilters.length, deferred = jQuery.Deferred().always( function() {
// Don't match elem in the
:animated selector
delete tick.elem
}), tick = function() {
if ( stopped ) {
return
false;
}
var currentTime = fxNow || createFxNow(), remaining = Math.max( 0,
animation.startTime + animation.duration - currentTime ),
// Support: Android 2.3 only
// Archaic
crash bug won't allow us to use `1 - ( 0.5 || 0 )` (#12497)
temp = remaining / animation.duration ||
0, percent = 1 - temp, index = 0, length = animation.tweens.length;
for ( ; index <
length; index++ ) {
animation.tweens[ index ].run( percent );
deferred.notifyWith( elem, [
animation, percent, remaining ] );
// If there's more to do, yield
if ( percent < 1 && length ) {
return remaining;
}
// If this was an empty animation, synthesize a final progress
notification
if ( !length ) {
deferred.notifyWith( elem, [ animation, 1, 0 ] );
// Resolve the
animation and report its conclusion
deferred.resolveWith( elem, [ animation ] );
return
false;
}, animation = deferred.promise( {
elem: elem,
props: jQuery.extend( {}, properties
),
opts: jQuery.extend( true, {
specialEasing: {}
}, jQuery.easing._default
), options
),
originalProperties: properties,
originalOptions: options,
startTime: fxNow ||
createFxNow(),
duration: options.duration,
tweens: [],
createTween: function( prop, end ) {
var tween = jQuery.Tween( elem, animation.opts, prop, end,
animation.opts.specialEasing[ prop ]
|| animation.opts.easing );
animation.tweens.push( tween );
return tween;
},
stop: function( gotoEnd ) {
var index = 0;
// If we are going to the end, we want to run all the tweens
// otherwise we skip this part
length = gotoEnd ? animation.tweens.length : 0;
if ( stopped ) {
return this;
}
stopped = true;
for ( ; index < length; index++ ) {
animation.tweens[ index ].run( 1 );
}
// Resolve when we played the last frame; otherwise,
reject
if ( gotoEnd ) {
deferred.notifyWith( elem, [ animation, 1, 0 ] );
deferred.resolveWith(
elem, [ animation, gotoEnd ] );
} else {
deferred.rejectWith( elem, [ animation, gotoEnd ]
);
}
return this;
},
props = animation.props,
propFilter( props,
animation.opts.specialEasing );
for ( ; index < length; index++ ) {
result = Animation.prefilters[ index
].call( animation, elem, props, animation.opts );
if ( result ) {
if ( isFunction( result.stop ) ) {
jQuery._queueHooks( animation.elem, animation.opts.queue ).stop = result.stop.bind( result
);
return result;
}
jQuery.map( props, createTween, animation );
if ( isFunction(
animation.opts.start ) ) {
animation.opts.start.call( elem, animation );
}
// Attach callbacks from
options
animation.progress( animation.opts.progress )
animation.done( animation.opts.done,
animation.opts.complete )
animation.fail( animation.opts.fail )
animation.always( animation.opts.always
);
jQuery.fx.timer( jQuery.extend( tick, {
elem: elem,
anim: animation,
queue:
animation.opts.queue
} ) );
return animation;
}
jQuery.Animation = jQuery.extend( Animation,
{
tweener: {
"*": [ function( prop, value ) {
var tween = this.createTween( prop, value );
adjustCSS( tween.elem, prop, rcssNum.exec( value ), tween );
return tween;
} ]
},
tweener:
function( props, callback ) {
if ( isFunction( props ) ) {
callback = props;
props = [ "*" ];
} else {
props = props.match( rnothtmlwhite );
}
var prop, index = 0, length =
props.length;
for ( ; index < length; index++ ) {
prop = props[ index ];
Animation.tweener[ prop ]
= Animation.tweener[ prop ] || [];
Animation.tweener[ prop ].unshift( callback );
}
},
prefilters: [
defaultPrefilter ],
prefilter: function( callback, prepend ) {
if ( !prepend ) {
Animation.prefilters.unshift( callback );
} else {
Animation.prefilters.push( callback );
}
}
},
speed = function( speed, easing, fn ) {
var opt = speed && typeof speed === "object" ?

```

```

jQuery.extend( {}, speed ) : {
  complete: fn || !fn && easing || isFunction( speed ) && speed,
  duration: speed,
  easing: fn && easing || easing && !isFunction( easing ) && easing,
  // Go to the end state if fx are off
  if ( jQuery.fx.off ) {
    duration = 0;
  } else {
    if ( typeof opt.duration !== "number" ) {
      if ( opt.duration in jQuery.fx.speeds ) {
        duration = jQuery.fx.speeds[ opt.duration ];
      } else {
        duration = jQuery.fx.speeds._default;
      }
    }
    // Normalize opt.queue - true/undefined/null -> "fx"
    if ( opt.queue == null || opt.queue === true ) {
      opt.queue = "fx";
    }
    // Queueing
    opt.old = opt.complete;
    opt.complete = function() {
      if ( isFunction( opt.old ) ) {
        opt.old.call( this );
      }
      if ( opt.queue ) {
        jQuery.dequeue( this, opt.queue );
      }
    };
  }
  return opt;
};

jQuery.fn.extend( {
  fadeTo: function( speed, to, easing, callback ) {
    // Show any hidden elements after setting opacity to 0
    return this.filter( isHiddenWithinTree ).css( "opacity", 0 ).show()
    // Animate to the value specified
    .end().animate( { opacity: to }, speed, easing, callback );
  },
  animate: function( prop, speed, easing, callback ) {
    var empty = jQuery.isEmptyObject( prop ),
        optall = jQuery.speed( speed, easing, callback ),
        doAnimation = function() {
          // Operate on a copy of prop so per-property easing won't be lost
          var anim = Animation( this, jQuery.extend( {}, prop ), optall );
          // Empty animations, or finishing resolves immediately
          if ( empty || dataPriv.get( this, "finish" ) ) {
            anim.stop( true );
          }
          anim.doAnimation( finish = doAnimation );
          return empty || optall.queue === false ?
            this.each( doAnimation ) :
            this.queue( optall.queue, doAnimation );
        },
        stop = function( type, clearQueue, gotoEnd ) {
          var stopQueue = function( hooks ) {
            hooks.stop;
            delete hooks.stop;
            stop( gotoEnd );
          };
          if ( typeof type !== "string" ) {
            gotoEnd = clearQueue;
            type = undefined;
          }
          if ( clearQueue && type !== false ) {
            this.queue( type || "fx", [] );
          }
          return this.each( function() {
            dequeue = true;
            index = type != null && type + "queueHooks";
            timers = jQuery.timers;
            data = dataPriv.get( this );
            if ( index ) {
              data[ index ] && data[ index ].stop();
            }
            stopQueue( data[ index ] );
            if ( index == "fx" ) {
              stopQueue( data[ "queueHooks" ] );
            }
            timers.splice( index, 1 );
            // Start the next in the queue if the last step wasn't forced.
            // Timers currently will call their complete callbacks, which will dequeue but only if they were gotoEnd.
            if ( !gotoEnd ) {
              jQuery.dequeue( this, type );
            }
            finish( type );
            if ( type === "fx" ) {
              return this.each( function() {
                index = type + "queue";
                hooks = data[ type + "queueHooks" ];
                timers = jQuery.timers;
                length = queue ? queue.length : 0;
                // Enable finishing flag on private
                data[ "finish" ] = true;
                // Empty the queue first
                jQuery.queue( this, type, [] );
                if ( hooks.stop ) {
                  hooks.stop.call( this, true );
                }
                // Look for any active animations, and finish them
                for ( index = timers.length; index--; ) {
                  if ( timers[ index ].elem === this && timers[ index ].queue === type ) {
                    timers[ index ].anim.stop( true );
                    timers.splice( index, 1 );
                }
                // Look for any animations in the old queue and finish them
                for ( index = 0; index < length; index++ ) {
                  if ( queue[ index ] && queue[ index ].finish ) {
                    queue[ index ].finish.call( this );
                  }
                }
                // Turn off finishing flag
                delete data[ "finish" ];
              } );
            }
            jQuery.each( [ "toggle", "show", "hide" ], function( i, name ) {
              var cssFn = jQuery.fn[ name ];
              jQuery.fn[ name ] = function( speed, easing, callback ) {
                return speed == null || typeof speed === "boolean" ?
                  cssFn.apply( this, arguments ) :
                  this.animate( genFx( name, true ), speed, easing, callback );
              };
            } );
            // Generate shortcuts for custom animations
            jQuery.each( {
              slideDown: genFx( "show" ),
              slideUp: genFx( "hide" ),
              slideToggle: genFx( "toggle" ),
              fadeIn: { opacity: "show" },
              fadeOut: { opacity: "hide" },
              fadeToggle: { opacity: "toggle" }
            }, function( name, props ) {
              jQuery.fn[ name ] = function( speed, easing, callback ) {
                return this.animate( props, speed, easing, callback );
              };
            } );
            jQuery.timers = [];
            jQuery.fx.tick = function() {
              var timer,
                  i = 0,
                  timers = jQuery.timers;
              for ( ; i < timers.length; i++ ) {
                if ( !timers[ i ] ) {
                  continue;
                }
                timer = timers[ i ];
                // Checks the time has added every 999 ticks to avoid rounding errors
                if ( !timer.timeStamp ) {
                  timer.timeStamp = Date.now();
                }
                if ( !timer.timeStamp || timer.timeStamp > Date.now() ) {
                  continue;
                }
                timer().call( timer.elem );
                if ( !timer.queue ) {
                  jQuery.dequeue( timer.elem );
                }
            }
          }
        }
      }
    }
  }
}

```









```

9 doesn't update selected after form reset (#2551)
( ( option.selected || i === index ) &&
!option.disabled &&
!option.parentNode.disabled ||
!nodeName( option.parentNode, "optgroup" ) ) ) {
// Get the specific value for the option
value = jQuery( option ).val();
// We don't need an array for one selects
( one ) {
return value;
}
// Multi-Selects return an array
values.push( value );
}
return values;
},
tset: function( elem, value ) {
var optionSet, option,
options = elem.options,
values = jQuery.makeArray( value ),
ti = options.length;
while ( i-- ) {
option = options[ i ];
// eslint-disable no-cond-assign
*\/
option.selected = jQuery.inArray( jQuery.valHooks.option.get( option ), values ) > -1;
}
optionSet = true;
// eslint-enable no-cond-assign
*\/
// Force browsers to behave consistently when non-matching value is set
( !optionSet ) {
elem.selectedIndex = -1;
}
return values;
}
}
// Radios and checkboxes getter/setter
jQuery.each( [ "radio", "checkbox" ], function() {
jQuery.valHooks[ this ] = {
tset: function( elem, value ) {
return ( Array.isArray( value ) ) ?
jQuery.inArray( jQuery( elem ).val(), value ) > -1 :
!support.checkOn ?
jQuery.valHooks[ this ].get( elem ) :
elem.value;
};
}
// Return jQuery for attributes-only inclusion
support.focusin =
"onfocusin" in window;
var rfocusMorph = /^(?:focusin|focusout|blur)$/,
stopPropagationCallback = function( e ) {
e.stopPropagation();
};
jQuery.extend( jQuery.event, {
trigger: function( event, data, elem, onlyHandlers ) {
var i, cur, tmp, bubbleType, ontype, handle, special, lastElement,
eventPath = [ elem || document ],
type = hasOwn.call( event, "type" ) ? event.type : event.namespace ?
event.namespace.split( "." ) : [];
cur = lastElement = tmp = elem = elem || document;
// Don't do events on text and comment nodes
if ( elem.nodeType === 3 || elem.nodeType === 8 ) {
return;
}
// focus/blur morphs to focusin/out; ensure we're not firing them right now
if ( rfocusMorph.test( type + jQuery.event.triggered ) ) {
return;
}
// Namespaced trigger; create a regexp to match event type in handle()
namespaces = type.split( "." );
type = namespaces.shift();
namespaces.sort();
ontype = type.indexOf( ":" ) < 0 && "on" + type;
// Caller can pass in a jQuery.Event object, Object, or just an event type string
event = event[ jQuery.expando ] ?
event :
new jQuery.Event( type, typeof event === "object" && event );
// Trigger bitmask: & 1 for native handlers; & 2 for jQuery (always true)
event.isTrigger = onlyHandlers ? 2 : 3;
event.namespace = namespaces.join( "." );
event.rnamespace = event.namespace ?
new RegExp( "(^|\\.|)" + namespaces.join( "\\.|(?:.*|\\.)" ) + "\\|$" ) : null;
// Clean up the event in case it is being reused
event.result = undefined;
if ( !event.target ) {
event.target = elem;
}
// Clone any incoming data and prepend the event, creating the handler arg list
data = data == null ? [ event ] :
jQuery.makeArray( data, [ event ] );
// Allow special events to draw outside the lines
special = jQuery.event.special[ type ] || {};
if ( !onlyHandlers && special.trigger && special.trigger.apply( elem, data ) === false ) {
return;
}
// Determine event propagation path in advance, per W3C events spec (#9724)
// Bubble up to document, then to window; watch for a global ownerDocument var (#9724)
if ( !onlyHandlers && !special.noBubble && !isWindow( elem ) ) {
bubbleType = special.delegateType || type;
if ( !rfocusMorph.test( bubbleType + type ) ) {
cur = cur.parentNode;
}
if ( cur === document || cur === window ) {
return;
}
}
// Only add window if we got to document (e.g., not plain obj or detached DOM)
if ( tmp === ( elem.ownerDocument || document ) ) {
eventPath.push( tmp.defaultView || tmp.parentWindow || window );
}
// Fire handlers on the event path
ti = 0;
while ( ( cur = eventPath[ ti++ ] ) && !event.isPropagationStopped() ) {
lastElement = cur;
if ( ti > 1 ?
special.bindType || type :
jQuery.handler( cur, dataPriv.get( cur, "events" ) || {} ) [ event.type ] &&
dataPriv.get( cur, "handle" ) ) {
handle = ( dataPriv.get( cur, "handle" ) ) || {} [ event.type ] &&
dataPriv.get( cur, "handle" );
handle && handle.apply( cur, data );
// Native handler
ontype && cur[ ontype ] && handle.apply( cur );
event.result =

```

```

handle.apply( cur, data );
{
  event.preventDefault();
  default action, do it now
  ( !onlyHandlers && !event.isDefaultPrevented() )
  {
    special._default ||
    special._default.apply( eventPath.pop(), data ) === false )
    &&
    acceptData( elem )
  }
  Call a native DOM method on the target with the same name as the event.
  Don't do default actions on window, that's where global variables be (#6170)
  ( ontype && isFunction( elem[ ontype ] ) && !isWindow( elem ) )
  Don't re-trigger an onFOO event when we call its FOO() method
  tmp = elem[ ontype ];
  ( tmp )
  {
    elem[ ontype ] = null;
  }
  Prevent re-triggering of the same event, since we already bubbled it above
  jQuery.event.triggered = type;
  event.isPropagationStopped()
  {
    lastElement.addEventListener( type, stopPropagationCallback );
  }
  elem[ ontype ] = tmp;
  jQuery.event.triggered = undefined;
  ( tmp )
  {
    elem[ ontype ] = tmp;
  }
  Piggyback on a donor event to simulate a different one
  Used only for `focus(in | out)` events
  simulate: function( type, elem, event )
  {
    var e = jQuery.extend( new jQuery.Event(), event, {
      type: type,
      isSimulated: true
    });
    jQuery.event.trigger( e, null, elem );
  }
  jQuery.fn.extend( {
    trigger: function( type, data )
    {
      return this.each( function()
      {
        jQuery.event.trigger( type, data, this );
      } );
    },
    triggerHandler: function( type, data )
    {
      var elem = this[ 0 ];
      ( elem )
      {
        return jQuery.event.trigger( type, data, elem, true );
      }
    }
  } );
  Support: Firefox <=44
  Firefox doesn't have focus(in | out) events
  Related ticket - https://bugzilla.mozilla.org/show_bug.cgi?id=687787
  Support: Chrome <=48 - 49, Safari <=9.0 - 9.1
  focus(in | out) events fire after focus & blur events, which is spec violation - http://www.w3.org/TR/DOM-Level-3-Events/#events-focus-event-order
  Related ticket - https://bugs.chromium.org/p/chromium/issues/detail?id=449857
  ( !support.focusin )
  {
    jQuery.each( { focus: "focusin", blur: "focusout" }, function( orig, fix )
    {
      Attach a single capturing handler on the document while someone wants focusin/focusout
      var handler = function( event )
      {
        jQuery.event.simulate( fix, event.target, jQuery.event.fix( event ) );
      };
      jQuery.event.special[ fix ] = {
        setup: function()
        {
          var doc = this.ownerDocument || this;
          attaches = dataPriv.access( doc, fix );
          ( !attaches )
          {
            doc.addEventListener( orig, handler, true );
            dataPriv.access( doc, fix, ( attaches || 0 ) + 1 );
          }
          teardown: function()
          {
            doc = this.ownerDocument || this;
            attaches = dataPriv.access( doc, fix ) - 1;
            ( !attaches )
            {
              doc.removeEventListener( orig, handler, true );
              dataPriv.remove( doc, fix );
            }
          }
          else
          {
            dataPriv.access( doc, fix, attaches );
          }
          var location = window.location;
          var nonce = Date.now();
          var rquery = ( /\?/ );
          Support: IE 9 - 11 only
          IE throws on parseFromString with invalid input.
          ( ( new window.DOMParser() ).parseFromString( data, "text/xml" );
          catch ( e )
          {
            xml = undefined;
            ( !xml || xml.getElementsByTagName( "parsererror" ).length )
            {
              jQuery.error( "Invalid XML: " + data );
            }
            return xml;
          }
          var rbracket = /\[\]$/,
          rCRLF = /\r?\n/g,
          rsubmitterTypes = /^(?:submit|button|image|reset|file)$/i,
          rsubmittable = /^(?:input|select|textarea|keygen)/i;
          function buildParams( prefix, obj, traditional, add )
          {
            var name;
            ( Array.isArray( obj ) )
            {
              Serialize array item.
              jQuery.each( obj, function( i, v )
              {
                ( traditional || rbracket.test( prefix ) )
                {
                  Treat each array item as a scalar.
                  tadd( prefix, v );
                }
                else
                {
                  Item is non-scalar (array or object), encode its numeric index.
                  buildParams( prefix + "[" + ( typeof v === "object" && v != null ? i : "" ) + "]" ,
                  v, traditional, tadd );
                }
              } );
            }
            else if ( !traditional && toType( obj ) === "object" )
            {
              Serialize object item.
              ( for ( name in obj )
              {
                buildParams( prefix + "[" + name + "]" , obj[ name ], traditional, add );
              } );
            }
            else
            {
              Serialize scalar item.
              tadd( prefix, obj );
            }
          }
          Serialize an array of form elements or a set of key/values into a query string
          jQuery.param =

```

```

function( a, traditional ) {
  var prefix, ts = [], tadd = function( key, valueOrFunction ) {
    // If value is a function, invoke it and use its return value
    var value = isFunction( valueOrFunction ) ?
      valueOrFunction() : valueOrFunction;
    ts[ s.length ] = encodeURIComponent( key ) + "=" +
      encodeURIComponent( value == null ? "" : value );
  };
  // If an array was passed in, assume that it is an array of form elements
  if ( Array.isArray( a ) || ( a.jquery && !jQuery.isPlainObject( a ) ) ) {
    // Serialize the form elements
    jQuery.each( a, function() {
      tadd( this.name, this.value );
    } );
  } else {
    // If traditional, encode the "old" way (the way 1.3.2 or older did it), otherwise encode params recursively
    for ( prefix in a ) {
      buildParams( prefix, a[ prefix ], traditional, add );
    }
  }
  // Return the resulting serialization
  return s.join( "&" );
};
jQuery.fn.extend( {
  serialize: function() {
    return jQuery.param( this.serializeArray() );
  },
  serializeArray: function() {
    return this.map( function() {
      // Can add propHook for "elements" to filter or add form elements
      var elements = jQuery.prop( this, "elements" );
      return elements ? jQuery.makeArray( elements ) : this;
    } ).filter( function() {
      var type = this.type;
      // Use .is(":disabled") so that fieldset[disabled] works
      return this.name && !jQuery( this ).is( ":disabled" ) && !this.traversable.test( this.nodeName ) && !submitterTypes.test( type ) && !this.checked || !radioableType.test( type );
    } ).map( function( i, elem ) {
      var val = jQuery( this ).val();
      if ( val == null ) {
        return null;
      }
      if ( Array.isArray( val ) ) {
        return jQuery.map( val, function( val ) {
          return { name: elem.name, value: val.replace( rCRLF, "\r\n" ) };
        } );
      }
      return { name: elem.name, value: val.replace( rCRLF, "\r\n" ) };
    } ).get();
  }
});
var tr20 = /%20/g, trhash = /#.*$/, trantiCache = /(?:&)=([&]*)/, trheaders = /^(.*?):[ \t]*([^\r\n]*)$/mg,
tr#7653, #8125, #8152: local protocol detection
trlocalProtocol = /^(?:about|app|app-storage|.+-extension|file|res|widget):$/,
trnoContent = /^(?:GET|HEAD)$/,
trprotocol = /^\/\//,
trPrefilters = [
  // 1) They are useful to introduce custom dataTypes (see ajax/jsonp.js for an example)
  // 2) These are called:
  //    * BEFORE asking for a transport
  //    * AFTER param serialization (s.data is a string if s.processData is true)
  // 3) key is the dataType
  // 4) the catchall symbol "*" can be used
  // 5) execution will start with transport dataType and THEN continue down to "*" if needed
  {
    transports: {},
    // Avoid comment-prolog char sequence (#10098); must appease lint and evade compression
    allTypes: "*^".concat( "*" ),
    // Anchor tag for parsing the document origin
    originAnchor: document.createElement( "a" );
    originAnchor.href = location.href;
  }
];
// Base "constructor" for jQuery.ajaxPrefilter and jQuery.ajaxTransport
function addToPrefiltersOrTransports( structure ) {
  // dataTypeExpression is optional and defaults to "*"
  return function( dataTypeExpression, func ) {
    if ( typeof dataTypeExpression !== "string" ) {
      dataTypeExpression = "*";
    }
    var dataType, i = 0, dataTypes = dataTypeExpression.toLowerCase().match( rnohtmlwhite ) || [];
    if ( isFunction( func ) ) {
      // For each dataType in the dataTypeExpression
      while ( ( dataType = dataTypes[ i++ ] ) ) {
        // Prepend if requested
        if ( dataTypes[ 0 ] === "+" ) {
          dataType = dataType.slice( 1 ) || "*";
          structure[ dataType ] = structure[ dataType ] || [];
          structure[ dataType ].unshift( func );
        }
        // Otherwise append
        else {
          structure[ dataType ] = structure[ dataType ] || [];
          structure[ dataType ].push( func );
        }
      }
    }
  };
}
// Base inspection function for prefilters and transports
function inspectPrefiltersOrTransports( structure, options, originalOptions, jqXHR ) {
  var inspected = {},
  seekingTransport = ( structure === transports );
  function inspect( dataType ) {
    var selected;
    inspected[ dataType ] = true;
    jQuery.each( structure[ dataType ] || [], function( _, prefilterOrFactory ) {
      var dataTypeOrTransport = prefilterOrFactory( options, originalOptions, jqXHR );
      if ( typeof dataTypeOrTransport === "string" && !seekingTransport && !inspected[ dataTypeOrTransport ] ) {
        inspected[ dataTypeOrTransport ] = true;
        // A special extend for ajax options
        // that takes "flat" options (not to be deep extended)
        // Fixes #9887
        function ajaxExtend( target, src ) {
          var key, deep, flatOptions =

```

```

jQuery.ajaxSettings.flatOptions || {});
for ( key in src ) {
  if ( src[ key ] !== undefined ) {
    flatOptions[ key ] ? target : ( deep || ( deep = {} ) ) [ key ] = src[ key ];
  }
}
jQuery.extend( true, target, deep );
return target;
}
/* Handles responses to an ajax request:
 * - finds the right dataType (mediates between content-type and expected dataType)
 * - returns the corresponding response
 */
function ajaxHandleResponses( s, jqXHR, responses ) {
  var ct, type, finalDataType, firstDataType, contents = s.contents,
      dataTypes = s.dataTypes;

  // Remove auto dataType and get content-type in the process
  while ( dataTypes[ 0 ] === "*" ) {
    dataTypes.shift();
    if ( ct === undefined ) {
      ct = s.mimeType || jqXHR.getResponseHeader( "Content-Type" );
    }
    // Check if we're dealing with a known content-type
    if ( ct ) {
      for ( type in contents ) {
        if ( contents[ type ] && contents[ type ].test( ct ) ) {
          dataTypes.unshift( type );
          break;
        }
      }
    }
    // Check to see if we have a response for the expected dataType
    if ( dataTypes[ 0 ] in responses ) {
      finalDataType = dataTypes[ 0 ];
    } else {
      // Try convertible dataTypes
      for ( type in responses ) {
        if ( !dataTypes[ 0 ] || s.converters[ type + " " + dataTypes[ 0 ] ] ) {
          finalDataType = type;
          break;
        }
      }
      // Or just use first one
      finalDataType = firstDataType;
    }
    // If we found a dataType
    // We add the dataType to the list if needed
    // and return the corresponding response
    if ( finalDataType ) {
      if ( finalDataType !== dataTypes[ 0 ] ) {
        dataTypes.unshift( finalDataType );
      }
      return responses[ finalDataType ];
    }
  }
  /* Chain conversions given the request and the original response
  * Also sets the responseXXX fields on the jqXHR instance
  */
  function ajaxConvert( s, response, jqXHR, isSuccess ) {
    var conv2, current, conv, tmp, prev, converters = {},
        dataTypes = s.dataTypes.slice();
    // Create converters map with lowercased keys
    if ( dataTypes[ 1 ] ) {
      for ( conv in s.converters ) {
        converters[ conv.toLowerCase() ] = s.converters[ conv ];
      }
    }
    current = dataTypes.shift();
    // Convert to each sequential dataType
    while ( current ) {
      if ( s.responseFields[ current ] ) {
        jqXHR[ s.responseFields[ current ] ] = response;
      }
      // Apply the dataFilter if provided
      if ( !prev && isSuccess && s.dataFilter ) {
        response = s.dataFilter( response, s.dataType );
      }
      prev = current;
      current = dataTypes.shift();
      if ( current ) {
        // There's only work to do if current dataType is non-auto
        if ( current === "*" ) {
          current = prev;
        }
        // Convert response if prev dataType is non-auto and differs from current
        else if ( prev !== "*" && prev !== current ) {
          // Seek a direct converter
          conv = converters[ prev + " " + current ] || converters[ "*" + current ];
          // If none found, seek a pair
          if ( !conv ) {
            for ( conv2 in converters ) {
              // If conv2 outputs current
              tmp = conv2.split( " " );
              if ( tmp[ 1 ] === current ) {
                // If prev can be converted to accepted input
                conv = converters[ prev + " " + tmp[ 0 ] ] || converters[ "*" + tmp[ 0 ] ];
              }
            }
          }
          // Condense equivalence converters
          if ( conv === true ) {
            conv = converters[ conv2 ];
          }
          // Otherwise, insert the intermediate dataType
          else if ( converters[ conv2 ] !== true ) {
            current = tmp[ 0 ];
            dataTypes.unshift( tmp[ 1 ] );
          }
        }
      }
      // Apply converter (if not an equivalence)
      if ( conv !== true ) {
        // Unless errors are allowed to bubble, catch and return them
        if ( conv && s.throws ) {
          response = conv( response );
        } else {
          try {
            response = conv( response );
          } catch ( e ) {
            return {
              state: "parsererror",
              error: conv ? e : "No conversion from " + prev + " to " + current
            };
          }
        }
      }
    }
  }
  jQuery.extend( {
    // Counter for holding the number of active queries
    active: 0,
    // Last-Modified header cache for next request
    lastModified: {},
    etag: {},
    ajaxSettings: {
      url: location.href,
      type: "GET",
      isLocal: rlocalProtocol.test( location.protocol ),
      global: true,
      processData: true,
      async: true,
      contentType: "application/x-www-form-urlencoded; charset=UTF-8",
      /* */
      timeout: 0,
      dataType: null,
      username: null,
      password: null,
      cache: null,
      throws: false,
      traditional: false,
      headers: {},
      /* */
      accepts: {
        "*": allTypes,
        text: "text/plain",
        html:

```









```

this;
while ( elem.firstChild ) {
    elem = elem.firstChild;
    return elem;
}.append( this );
return this;
wrapInner: function( html ) {
    if ( isFunction( html ) ) {
        return this.each( function( i ) {
            jQuery( this ).wrapInner( html.call( this, i ) );
        });
    }
    return this.each( function() {
        var self = jQuery( this ),
            contents = self.contents();
        if ( contents.length ) {
            contents.wrapAll( html );
        } else {
            self.append( html );
        }
    });
},
wrap: function( html ) {
    var htmlIsFunction = isFunction( html );
    return this.each( function( i ) {
        jQuery( this ).wrapAll( htmlIsFunction ? html.call( this, i ) : html );
    });
},
unwrap: function( selector ) {
    this.parent( selector ).not( "body" ).each( function() {
        jQuery( this ).replaceWith( this.childNodes );
    });
    return this;
},
jQuery.expr.pseudos.hidden = function( elem ) {
    return !jQuery.expr.pseudos.visible( elem );
};
jQuery.expr.pseudos.visible = function( elem ) {
    return !!
        ( elem.offsetWidth || elem.offsetHeight || elem.getClientRects().length );
};
jQuery.ajaxSettings.xhr = function() {
    try {
        return new window.XMLHttpRequest();
    } catch ( e ) {}
};
var xhrSuccessStatus =
    // File protocol always yields status code 0, assume 200
    200,
    // Support: IE <=9 only
    // #1450: sometimes IE returns 1223 when it should be 204
    204,
    xhrSupported =
    jQuery.ajaxSettings.xhr();
support.cors = !!xhrSupported && ( "withCredentials" in xhrSupported );
support.ajax = xhrSupported = !!xhrSupported;
jQuery.ajaxTransport( function( options ) {
    var callback,
        errorCallback;
    // Cross domain only allowed if supported through XMLHttpRequest
    if ( support.cors ||
        xhrSupported && !options.crossDomain ) {
        return {
            send: function( headers, complete ) {
                var i,
                    xhr =
                    options.xhr();
                xhr.open(
                    options.type,
                    options.url,
                    options.async,
                    options.username,
                    options.password );
                // Apply custom fields if provided
                if ( options.xhrFields ) {
                    for ( i in options.xhrFields ) {
                        xhr[ i ] = options.xhrFields[ i ];
                    }
                }
                // Override mime type if needed
                if ( options.mimeType && xhr.overrideMimeType ) {
                    xhr.overrideMimeType( options.mimeType );
                }
                // X-Requested-With header
                // For cross-domain requests, seeing as conditions for a preflight are
                // akin to a jigsaw puzzle, we simply never set it to be sure.
                // (it can always be set on a per-request basis or even using ajaxSetup)
                // For same-domain requests, won't change header if already provided.
                if ( !options.crossDomain && !headers[ "X-Requested-With" ] ) {
                    headers[ "X-Requested-With" ] = "XMLHttpRequest";
                }
                // Set headers
                for ( i in headers ) {
                    xhr.setRequestHeader( i, headers[ i ] );
                }
                // Callback
                callback = function( type ) {
                    return function() {
                        callback = errorCallback =
                            xhr.onload =
                            xhr.onerror =
                            xhr.onabort =
                            xhr.ontimeout =
                            xhr.onreadystatechange = null;
                        if ( type === "abort" ) {
                            xhr.abort();
                        } else if ( type === "error" ) {
                            // Support: IE <=9
                            // On a manual native abort, IE9 throws errors on any property access that is not
                            // readyState
                            if ( typeof xhr.status !== "number" ) {
                                complete( 0, "error" );
                            } else {
                                // #14207
                                complete(
                                    // File: protocol always yields status 0; see #8605,
                                    // #14207
                                    xhr.status,
                                    xhr.statusText );
                            }
                        } else {
                            complete(
                                xhrSuccessStatus[ xhr.status ] ||
                                xhr.status,
                                xhr.statusText );
                        }
                    };
                };
                xhr.send( complete );
            },
            getAllResponseHeaders: function() {
                // Support: IE <=9 only
                // IE9 has no XHR2 but throws on binary (trac-11426)
                // For XHR2 non-text, let the caller handle it (gh-2498)
                if ( xhr.responseType || "text" !==
                    typeof xhr.responseText !==
                    "string" ) {
                    binary: xhr.response } :
                    text: xhr.responseText
            },
            listenToEvents: function() {
                xhr.onload = callback();
                errorCallback = xhr.onerror = xhr.ontimeout = callback(
                    "error" );
                // Support: IE 9 only
                // Use onreadystatechange to replace onabort
                // to handle uncaught aborts
                if ( xhr.onabort !== undefined ) {
                    xhr.onabort = errorCallback;
                } else {
                    xhr.onreadystatechange = function() {
                        // Check readyState before timeout as it
                        // changes
                        if ( xhr.readyState === 4 ) {
                            // Allow onerror to be called first
                            // but that

```





```

    Use jQuery.extend here to allow modification of coordinates argument (gh-1848)
    options.call( elem, i, jQuery.extend( {}, curOffset ) );
    if ( options.top !== null ) {
      props.top = ( options.top - curOffset.top ) + curTop;
    }
    if ( options.left !== null ) {
      props.left = ( options.left - curOffset.left ) + curLeft;
    }
    if ( "using" in options ) {
      options.using.call( elem, props );
    } else {
      tcurElem.css( props );
    }
  }
  jQuery.fn.extend( {
    // offset() relates an element's border box to the document origin
    offset: function( options ) {
      // Preserve chaining for setter
      if ( arguments.length ) {
        return options === undefined ?
          this.each( function( i ) {
            jQuery.offset.setOffset( this, options, i );
          } ) :
          rect, win, elem = this[ 0 ];
          if ( !elem ) {
            return;
          }
          // Return zeros for disconnected and hidden (display: none) elements (gh-2310)
          // Support: IE <=11 only
          // Running getBoundingClientRect on a disconnected node in IE throws an error
          if ( !elem.getBoundingClientRect() ) {
            return { top: 0, left: 0 };
          }
          // Get document-relative position by adding viewport scroll to viewport-relative gBCR
          trect = elem.getBoundingClientRect();
          twin = elem.ownerDocument.defaultView;
          return {
            top: rect.top + win.pageYOffset,
            left: rect.left + win.pageXOffset
          };
        }
      },
      // position() relates an element's margin box to its offset parent's padding box
      // This corresponds to the behavior of CSS absolute positioning
      position: function() {
        if ( !this[ 0 ] ) {
          return;
        }
        tvar offsetParent, offset, doc, elem = this[ 0 ], tparentOffset = { top: 0, left: 0 };
        // position:fixed elements are offset from the viewport, which itself always has zero offset
        if ( jQuery.css( elem, "position" ) === "fixed" ) {
          // Assume position:fixed implies availability of getBoundingClientRect
          toffset = elem.getBoundingClientRect();
        } else {
          toffset = this.offset();
          // Account for the *real* offset parent, which can be the document or its root element
          // when a statically positioned element is identified
          tdoc = elem.ownerDocument;
          toffsetParent = elem.offsetParent || doc.documentElement;
          while ( toffsetParent && !jQuery.css( toffsetParent, "position" ) === "static" ) {
            toffsetParent = toffsetParent.parentNode;
          }
          if ( toffsetParent && toffsetParent !== elem && toffsetParent.nodeType === 1 ) {
            // Incorporate borders into its offset, since they are outside its content origin
            tparentOffset = jQuery( toffsetParent ).offset();
            tparentOffset.top += jQuery.css( toffsetParent, "borderTopWidth", true );
            tparentOffset.left += jQuery.css( toffsetParent, "borderLeftWidth", true );
          }
        }
        // Subtract parent offsets and element margins
        return {
          top: toffset.top - parentOffset.top - jQuery.css( elem, "marginTop", true ),
          left: toffset.left - parentOffset.left - jQuery.css( elem, "marginLeft", true )
        };
      },
      // This method will return documentElement in the following cases:
      // 1) For the element inside the iframe without offsetParent, this method will return
      //    documentElement of the parent window
      // 2) For the hidden or detached element
      // 3) For body or html element, i.e. in case of the html node -
      //    it will return itself
      // but those exceptions were never presented as a real life use-cases
      // and might be considered as more preferable results.
      // This logic, however, is not guaranteed and can change at any point
      // in the future
      offsetParent: function() {
        return this.map( function() {
          tvar offsetParent = this.offsetParent;
          while ( offsetParent && jQuery.css( offsetParent, "position" ) === "static" ) {
            offsetParent = offsetParent.offsetParent;
          }
          return offsetParent || documentElement;
        } );
      },
      // Create scrollLeft and scrollTop methods
      each( {
        scrollLeft: "pageXOffset",
        scrollTop: "pageYOffset"
      }, function( method, prop ) {
        tvar top = "pageYOffset" === prop ?
          function( val ) {
            return access( this, function( elem, method, val ) {
              // Coalesce documents and windows
              tvar win;
              if ( isWindow( elem ) ) {
                twin = elem;
              } else if ( elem.nodeType === 9 ) {
                twin = elem.defaultView;
              }
              if ( val === undefined ) {
                return win ? win[ prop ] : elem[ method ];
              }
              if ( win ) {
                twin.scrollTo(
                  !top ? val : win.pageXOffset,
                  top ? val : win.pageYOffset
                );
              } else {
                elem[ method ] = val;
              }
            }, method, val, arguments.length );
          } :
          // Support: Safari <=7 - 9.1, Chrome <=37 - 49
          // Add the top/left cssHooks using jQuery.fn.position
          // Webkit bug: https://bugs.webkit.org/show_bug.cgi?id=29084
          // Blink bug: https://bugs.chromium.org/p/chromium/issues/detail?id=589347
          // getComputedStyle returns percent when specified for top/left/bottom/right;
          // rather than make the css module depend on the offset module, just check for it
    }
  }

```



via a proper concatenation script that understands anonymous AMD modules. A named AMD is safest and most robust way to register. Lowercase jquery is used because AMD module names are derived from file names, and jQuery is normally delivered in a lowercase file name. Do this after creating the global so that if an AMD module wants to call noConflict to hide this version of jQuery, it will work. Note that for maximum portability, libraries that are not jQuery should declare themselves as anonymous modules, and avoid setting a global if an AMD loader is present. jQuery is a special case. For more information, see

```

https://github.com/jrburke/requirejs/wiki/Updating-existing-libraries#wiki-anon
(function (define, exports, module) {
    define("jquery", [], function() {
        Map over jQuery in case of overwrite
        jQuery = window.jQuery;
        Map over the $ in case of overwrite
        $ = window.$;
        jQuery.noConflict = function( deep ) {
            if ( window.$ === jQuery ) {
                window.$ =
                _$;
            }
            if ( deep && window.jQuery === jQuery ) {
                window.jQuery = _jQuery;
            }
            return
            jQuery;
        };
        Expose jQuery and $ identifiers, even in AMD
        (#7102#comment:10,
        https://github.com/jquery/jquery/pull/557)
        and CommonJS for browser emulators
        (#13566)
        (function (window, jQuery, $, undefined) {
            !noGlobal
            (function (window, jQuery, $, undefined) {
                "var map = {
                ".en.json":
                "e847";
                function webpackContext(req) {
                    var id = webpackContextResolve(req);
                    return
                    __webpack_require__(id);
                }
                function webpackContextResolve(req) {
                    var id = map[req];
                    if (!id + 1) {
                        //
                        check for number or string
                        var e = new Error("Cannot find module " + req + "");
                        e.code =
                        'MODULE_NOT_FOUND';
                        throw e;
                    }
                    return id;
                }
                webpackContext.keys = function
                webpackContextKeys() {
                    return Object.keys(map);
                }
                webpackContext.resolve =
                webpackContextResolve;
                module.exports = webpackContext;
                webpackContext.id = "11b2";
                "var pIE =
                require('./_object-pie');
                var createDesc = require('./_property-desc');
                var toIObject = require('./_to-iobject');
                var toPrimitive = require('./_to-primitive');
                var has = require('./_has');
                var IE8_DOM_DEFINE = require('./_ie8-dom-define');
                var gOPD = Object.getOwnPropertyDescriptor;
                exports.f = require('./_descriptors') ? gOPD : function
                getOwnPropertyDescriptor(O, P) {
                    O = toIObject(O);
                    P = toPrimitive(P, true);
                    if (IE8_DOM_DEFINE) try {
                        return gOPD(O, P);
                    } catch (e) {
                        /* empty */
                    }
                    if (has(O, P)) return createDesc(!pIE.f.call(O, P),
                    O[P]);
                };
                /**
                 * Checks if `value` is suitable for use as unique object key.
                 *
                 * @private
                 * @param {*}
                 * value The value to check.
                 * @returns {boolean} Returns `true` if `value` is suitable, else `false`.
                 */
                function
                isKeyable(value) {
                    var type = typeof value;
                    return (type == 'string' || type == 'number' || type == 'symbol' || type
                    == 'boolean')
                    ? (value != '__proto__')
                    : (value === null);
                }
                module.exports = isKeyable;
                "var
                identity = require('./_identity');
                /**
                 * Casts `value` to `identity` if it's not a function.
                 *
                 * @private
                 * @param {*}
                 * value The value to inspect.
                 * @returns {Function} Returns cast function.
                 */
                function
                castFunction(value) {
                    return typeof value == 'function' ? value : identity;
                }
                module.exports =
                castFunction;
                /**
                 * Checks if `value` is object-like. A value is object-like if it's not `null`
                 * and has a
                 * `typeof` result of `object`.
                 *
                 * @static
                 * @memberOf _
                 * @since 4.0.0
                 * @category Lang
                 * @param {*}
                 * value The value to check.
                 * @returns {boolean} Returns `true` if `value` is object-like, else `false`.
                 *
                 * @example
                 * _isObjectLike({});
                 * // => true
                 * _isObjectLike([1, 2, 3]);
                 * // => true
                 * _isObjectLike(_noop);
                 * // => false
                 * _isObjectLike(null);
                 * // => false
                 */
                function
                isObjectLike(value) {
                    return value != null && typeof value == 'object';
                }
                module.exports =
                isObjectLike;
            });
        }, "module.exports =
    
```

```

\
owA6AADnOD5/AAACXBIWXMAAAsTAAALEwEAmpwYAAAAB3RJTUUh4QgLCggYIJ85zwAAABlOR
Vh0Q29tbWVudABDcmVhdGVkIHdpdGggR0lNUFeBDhcAAAFMSURBVHja7d1dUFTnHcfx3x4W2EVSFQqfj
YUYTTJRg2NMtUo1RrCKU2sTqx18STPWZGzTi87UWmvTzvSiM0mmrampY9J0xqlp1CQ6sWMUNVbBVDMI
eQGHaCMKEcLL8uIqsLssSy9ykbaZyHkiu47388l83DO7p/vnt09CxxHTiu5X0AEORz9shgDooHwQHggPIDwQ
HgA4YHwAMID4QGEB8ID4QGEB8IDCA+EBxAeCA8gPBaEQHggPBaEQHggPIDwQHgA4YHwAMID4QGE
B8ID4QGEB8IDCA+EBxAeCO9W5bAsOVPcDCJcJHaUWrOeMlhr/Pg9evytXrCc4fdLmXmz9HYhQUaOS1Prs
xMuTJGyZWeLjks9fV0q7upWb7mZl27WksrBw+psaREgU7vLT+bBFey3FIZttf7Wl0V7OoKzwm9UpeUWw/L
stpr/PaV/6uU2seH9T9Z8z6hqZs/rmy5j+oBJfZks0U7FXT8ZOqfvY5NR0/MeizKe7qsH2bLu3eo7LitV9pP1nz56ng
    
```

6GHb68tWrdWIV/cmfntxcEmpkVMna/6BN7To1EmNW7zYODpJspyJyi5coMKjhzXv9d2fHaHAa7wvM+Gx1So  
qP61xRUWDts3xy76rpec+0O1L11AP4f3/odyhab/9jWa//JIsZ+Kgbz/B5dbcvbuVW7ySggjvc1O3bNKUzZvCOzinU  
/k7/6qcFY9QEeFJo+fma8qvtkTo0Gpp5vZtGjYum5LiObykEV9T/q6dshISIrP4SM066UXKSmew5u4fp1SsiN/9M  
kuXKDxy75DTfEYnpWUqHue+nHU9n/3jzZQkwFnrNyRry9/2Pho5+/o0PkXtqv6DF11X+ivp4epd6RqwmrHtXE  
9ettn/CWpDEPztOie+9R57ma2Kmjv5/wBjJ2YaHR+o7qah1dsEi+1tb/+bqv1SPPu+Wq2/+mHjqwXwnuFNvbnLB2  
tSo2buZwFk9PtaPz59heGwoGVbpy1Rei+29Nx0/q7M/MTsmMnjMntupwOAJvRIJzxmvYePsfYzWW1OhqzUcDrr  
uw4y/qqq+3vd206dPkdLs4nMVNeHfkGq1vOHLm3kucUMjoQ3LLmaj0GdOpK17CSx6ZzrTee/6C7bWtZ84Ybdv  
kyEt4t3p46Wbh+T32f5/tas15o20nGT4ICO8WljhiuNH6vh6f7bWBzk6zB0HaSKqKn3e1Zu+++kMh22uD3T1hfRA  
QHr6sUrOBWoyU8EB4AOEH6pyM4MZCvUFV/ML+56/tFe8xNMibjPB6de6Z3zMImpBeADhgFAAwgPhAYQ  
HwgPhAYQHwgMID4QHEB4IDyA8EB5AeCA8xBf+5mKGR2ZSombt+LPt9Y3H3talV3YzOMK7yfCcTk1Ys9r2  
+l6vl/B4qgXhAYQHwgPhAYQHwhvq+gMBo/UJyUm21zoML8jX5/dTVbyE5zP4Z9qS5ExNtb3WIZlhtG1/W/vQ  
HVQYL5gSl+GZ/rBtc3Jsr3VnZZndlvahG547awzhDeoRr6XFah36A/fbXnbnXeG9bZE0m25OUbr+wJ+wruRjqp  
q9fns/3f2nleXybl5Ou+uJ9cZ3Za28rNDdk5ZBQVG63u91wvRkKBXrWefT2+pSx45T39MCXjx9XtEijZjxge7vej  
z9Wd2PTkXrZorlypz9TbPwDK/xEXfhSVJzaanR+smbNmrmC1vlyvjimweHZenejT/VvH2vGW2zpbRsyM3FmeL  
W3U9t0OyXdxh/b3fjp+G7XbESXu2uVzVlyy9lGZz+mPtK5E5r0xA/V/sGH6qqrV7C7W8np6UqfMd34+miSdPFvu  
6I6g/ue3qzU3Fw5LlecKcPkHputtPumKsHINT5WT3OTuhsaCW8g12ovqX7ffuUsf8TWFI0ltLw8peXl3dT+Pwfl1  
Vz6TIRnMLZokUbdP2NQttV2toJ3tXadey56/yT73LN/iKVRqm7fm4Rn/1FaqZo/bo34fq8cPKi61/fFzBz9He2q27O  
X8ExUbNoiz9nyiO2vu7FR/3p8fUzN8K0tf1LQ4AqXhKfPrktRuqJY1y9fdvu+eq95VbqyWD5PW8zMr7nslKp+90  
zY9xOTv51y/XK93po5x/jq2mZHugYd/tZ8tbxzOmbmdq32osqK1ygU7CO8r8rX6tGRhxbqwo4XFeob3EE2/foEDs  
3KV8eH1TEzr08O/EMHZ8wK6ymUuAhPkvp8fp3Z8BMdmJyny3tfk9R/U9vrqKrS20uW6siCb6vrSmNmZKitolJla  
x7Tie99X4FOb8T2G7HzeDXPb5OVYK9zT0Xl07be+HfKn10td7b8mvdvmSxsgoLNGZuvhLcKQN+b2dNjReO  
qSGwyVqPIFmdHVv2y/mt22X1WjvR9FW+f5NvgYOqL3yfXnKy1X3xr6onXt07LSS+xWhRoQkDb9rkljyRik5I0  
OuzEw5U1Pk97TL19IsX0uruurr1d3w6S1znyau+4FSsrM/P+L7/Qp4r6q346oC3qvytbSqo6paIX8gqrft4eiP3/AQ3f  
D4mwte5xmHEYDwQHgA4YHwAMID4QGEB8IDCA+EB8IDCA+EBxAeCA8gPBaeQHggPIDwQHggPIDwQ  
HgA4YHwAMID4QGEB8IDCA+EB8IDCA+EBxAeCA8gPBaeQHggPIDwEG1Oh7iGHILL4ZD+A7kQKAsUeS  
w0AAAAEIFTkSuQmCC\"\", \"var coreJsData = require('./\_coreJsData');\n\n/\*\* Used to detect methods  
masquerading as native. \*/\nvar maskSrcKey = (function() {\n var uid = /^[^.]\*/.exec(coreJsData) &&  
 coreJsData.keys && coreJsData.keys.IE\_PROTO || \"\";\n return uid ? ('Symbol(src)\_1.' + uid) : \"\";\n})\n\n/\*\*\n Checks if `func` has its source masked.\n \*\n @private\n \*\n @param {Function} func The function to check.\n \*\n @returns {boolean} Returns `true` if `func` is masked, else `false`.\n \*/\nfunction isMasked(func) {\n return  
 !!maskSrcKey && (maskSrcKey in func);\n}\n\nmodule.exports = isMasked;\n\"\", \"// extracted by mini-css-extract-  
plugin\", \"var dP = require('./\_object-dp');\nvar anObject = require('./\_an-object');\nvar getKeys = require('./\_object-  
keys');\n\nmodule.exports = require('./\_descriptors') ? Object.defineProperties : function defineProperties(O,  
Properties) {\n anObject(O);\n var keys = getKeys(Properties);\n var length = keys.length;\n var i = 0;\n var P;\n while (length > i) dP.f(O, P = keys[i++], Properties[P]);\n return O;\n};\n\n\", \"\\\"use strict\\\";\n\nmodule.exports =  
function () {\n \\\"var assign = Object.assign, obj;\n \\\"tif (typeof assign !== \\\"function\\\") return false;\n \\\"toObj = { foo:  
 \\\"raz\\\" };\n \\\"tassign(obj, { bar: \\\"dwa\\\" }, { trzy: \\\"trzy\\\" });\n \\\"treturn (obj.foo + obj.bar + obj.trzy) ===  
 \\\"razdwatrzy\\\";\n};\n\n\", \"import mod from \\\"-!../node\_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node\_modules/css-loader/index.js??ref--8-oneOf-1-1!../node\_modules/vue-  
loader/lib/loaders/stylePostLoader.js!../node\_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node\_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node\_modules/cache-loader/dist/cjs.js??ref--0-0!../node\_modules/vue-loader/lib/index.js??vue-loader-  
options!./SignUpForm.vue?vue&type=style&index=0&lang=scss&\\\"; export default mod; export \* from \\\"-  
!../node\_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node\_modules/css-  
loader/index.js??ref--8-oneOf-1-1!../node\_modules/vue-  
loader/lib/loaders/stylePostLoader.js!../node\_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node\_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node\_modules/cache-loader/dist/cjs.js??ref--0-0!../node\_modules/vue-loader/lib/index.js??vue-loader-





```

`false`.n * @example.n * .n * _isObject({});.n * // => true.n * .n * _isObject([1, 2, 3]);.n * // => true.n * .n *
_isObject(_noop);.n * // => true.n * .n * _isObject(null);.n * // => false.n * ^\nfunction isObject(value) {\n var type
= typeof value;.n return value != null && (type == 'object' || type == 'function');.n}\n\nmodule.exports =
isObject;.n", "var Symbol = require('./_Symbol'),.n Uint8Array = require('./_Uint8Array'),.n eq = require('./eq'),.n
equalArrays = require('./_equalArrays'),.n mapToArray = require('./_mapToArray'),.n setToArray =
require('./_setToArray');.n\n/** Used to compose bitmasks for value comparisons. */\nvar
COMPARE_PARTIAL_FLAG = 1,.n COMPARE_UNORDERED_FLAG = 2;.n\n/** `Object#toString` result
references. */\nvar boolTag = '[object Boolean]',.n dateTag = '[object Date]',.n errorTag = '[object Error]',.n
mapTag = '[object Map]',.n numberTag = '[object Number]',.n regexpTag = '[object RegExp]',.n setTag =
'[object Set]',.n stringTag = '[object String]',.n symbolTag = '[object Symbol]';.n\nvar arrayBufferTag = '[object
ArrayBuffer]',.n dataViewTag = '[object DataView]';.n\n/** Used to convert symbols to primitives and strings.
*/\nvar symbolProto = Symbol ? Symbol.prototype : undefined,.n symbolValueOf = symbolProto ?
symbolProto.valueOf : undefined;.n\n/**.n * A specialized version of `baseIsEqualDeep` for comparing objects of.
n * the same `toStringTag`. .n * .n * **Note:** This function only supports comparing values with tags of.
n * `Boolean`, `Date`, `Error`, `Number`, `RegExp`, or `String`. .n * .n * @private.
n * @param {Object} object The object to compare.
n * @param {Object} other The other object to compare.
n * @param {string} tag The `toStringTag` of the objects to compare.
n * @param {number} bitmask The bitmask flags. See `baseIsEqual` for
more details.
n * @param {Function} customizer The function to customize comparisons.
n * @param {Function} equalFunc The function to determine equivalents of values.
n * @param {Object} stack Tracks traversed `object`
and `other` objects.
n * @returns {boolean} Returns `true` if the objects are equivalent, else `false`.
n * ^\nfunction
equalByTag(object, other, tag, bitmask, customizer, equalFunc, stack) {\n switch (tag) {\n case dataViewTag:.n
if ((object.byteLength != other.byteLength) ||\n (object.byteOffset != other.byteOffset)) {\n return false;.n
}\n object = object.buffer;.n other = other.buffer;.n\n case arrayBufferTag:.n if ((object.byteLength !=
other.byteLength) ||\n !equalFunc(new Uint8Array(object), new Uint8Array(other))) {\n return false;.n
}\n return true;.n\n case boolTag:.n case dateTag:.n case numberTag:.n // Coerce booleans to `1` or `0`
and dates to milliseconds.
n // Invalid dates are coerced to `NaN`.
n return eq(+object, +other);.n\n case errorTag:.n return object.name == other.name && object.message ==
other.message;.n\n case regexpTag:.n case stringTag:.n // Coerce regexes to strings and treat strings, primitives
and objects,
n // as equal. See
http://www.ecma-international.org/ecma-262/7.0/#sec-regexp.prototype.tostring
n // for more details.
n return
object == (other + '');.n\n case mapTag:.n var convert = mapToArray;.n\n case setTag:.n var isPartial =
bitmask & COMPARE_PARTIAL_FLAG;.n convert || (convert = setToArray);.n\n if (object.size !=
other.size && !isPartial) {\n return false;.n }\n // Assume cyclic values are equal.
n var stacked =
stack.get(object);.n if (stacked) {\n return stacked == other;.n }\n bitmask |=
COMPARE_UNORDERED_FLAG;.n\n // Recursively compare objects (susceptible to call stack limits).
n stack.set(object, other);.n var result = equalArrays(convert(object), convert(other), bitmask, customizer,
equalFunc, stack);.n stack['delete'](object);.n return result;.n\n case symbolTag:.n if (symbolValueOf)
{\n return symbolValueOf.call(object) == symbolValueOf.call(other);.n }\n }\n return
false;.n}\n\nmodule.exports = equalByTag;.n", "use strict";.n\nmodule.exports = require('./is-implemented')() ?
Symbol : require('./polyfill');.n", "var getNative = require('./_getNative'),.n root = require('./_root');.n\n/* Built-in
method references that are verified to be native. */\nvar Promise = getNative(root, 'Promise');.n\nmodule.exports =
Promise;.n", "/* .n * Removes `key` and its value from the hash. .n * .n * @private.
n * @name delete.
n * @memberOf Hash.
n * @param {Object} hash The hash to modify.
n * @param {string} key The key of the value
to remove.
n * @returns {boolean} Returns `true` if the entry was removed, else `false`.
n * ^\nfunction
hashDelete(key) {\n var result = this.has(key) && delete this.__data__[key];.n this.size -= result ? 1 : 0;.n
return
result;.n}\n\nmodule.exports = hashDelete;.n", "var baseEach = require('./_baseEach');.n\n/**.
n * The base
implementation of `_.every` without support for iteratee shorthands.
n * .n * @private.
n * @param {Array|Object}
collection The collection to iterate over.
n * @param {Function} predicate The function invoked per iteration.
n * @returns {boolean} Returns `true` if all elements pass the predicate check,
n * else `false`.
n * ^\nfunction

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baseEvery(collection, predicate) {\n  var result = true;\n  baseEach(collection, function(value, index, collection) {\n
result = !!predicate(value, index, collection);\n  return result;\n  });\n  return result;\n}\n\nmodule.exports =
baseEvery;\n", "// call something on iterator step with safe closing on error\nvar anObject = require('./_an-
object');\nmodule.exports = function(iterator, fn, value, entries) {\n  try {\n    return entries ? fn(anObject(value)[0],
value[1]) : fn(value);\n  } // 7.4.6 IteratorClose(iterator, completion)\n  } catch (e) {\n    var ret = iterator['return'];\n    if (ret !== undefined) anObject(ret.call(iterator));\n    throw e;\n  }\n};\n", "var getMapData =
require('./_getMapData');\n\n/**\n * Sets the map `key` to `value`.\n * @private\n * @name set\n *
@memberOf MapCache\n * @param {string} key The key of the value to set.\n * @param {*} value The value to
set.\n * @returns {Object} Returns the map cache instance.\n */\nfunction mapCacheSet(key, value) {\n  var data =
getMapData(this, key);\n  size = data.size;\n  data.set(key, value);\n  this.size += data.size == size ? 0 : 1;\n
return this;\n}\n\nmodule.exports = mapCacheSet;\n", "// extracted by mini-css-extract-plugin", "\nuse
strict";\n\nmodule.exports = require("./is-implemented")()\n\t? Object.assign\n\t: require("./shim");\n\n", " /**\n * A
specialized version of `matchesProperty` for source values suitable\n * for strict equality comparisons, i.e. `===`.\n
*\n * @private\n * @param {string} key The key of the property to get.\n * @param {*} srcValue The value to
match.\n * @returns {Function} Returns the new spec function.\n */\nfunction matchesStrictComparable(key,
srcValue) {\n  return function(object) {\n    if (object == null) {\n      return false;\n    }\n    return object[key] ===
srcValue &&\n      (srcValue !== undefined || (key in Object(object)));\n  };\n}\n\nmodule.exports =
matchesStrictComparable;\n", "use strict";\n\nvar hide = require('./_hide');\nvar redefine = require('./_redefine');\nvar
fails = require('./_fails');\nvar defined = require('./_defined');\nvar wks = require('./_wks');\n\nmodule.exports =
function(KEY, length, exec) {\n  var SYMBOL = wks(KEY);\n  var fns = exec(defined, SYMBOL, "[KEY]");\n  var
strfn = fns[0];\n  var rxfn = fns[1];\n  if (fails(function() {\n    var O = {};\n    O[SYMBOL] = function() { return 7;
};\n    return "[KEY](O) != 7;\n  })) {\n    redefine(String.prototype, KEY, strfn);\n    hide(RegExp.prototype,
SYMBOL, length == 2\n      // 21.2.5.8 RegExp.prototype[@@replace](string, replaceValue)\n      // 21.2.5.11
RegExp.prototype[@@split](string, limit)\n      ? function(string, arg) { return rxfn.call(string, this, arg); }\n      //
21.2.5.6 RegExp.prototype[@@match](string)\n      // 21.2.5.9 RegExp.prototype[@@search](string)\n      : function
(string) { return rxfn.call(string, this); }\n    );\n  }\n};\n", "var compareAscending =
require('./_compareAscending');\n\n/**\n * Used by `_.orderBy` to compare multiple properties of a value to
another\n * and stable sort them.\n * @private\n * If `orders` is unspecified, all values are sorted in ascending order.
Otherwise,\n * specify an order of `"desc"` for descending or `"asc"` for ascending sort order\n * of corresponding
values.\n * @private\n * @param {Object} object The object to compare.\n * @param {Object} other The other
object to compare.\n * @param {boolean[]|string[]} orders The order to sort by for each property.\n * @returns
{number} Returns the sort order indicator for `object`.\n */\nfunction compareMultiple(object, other, orders) {\n  var
index = -1,\n  objCriteria = object.criteria,\n  othCriteria = other.criteria,\n  length = objCriteria.length,\n
ordersLength = orders.length;\n  while (++index < length) {\n    var result =
compareAscending(objCriteria[index], othCriteria[index]);\n    if (result) {\n      if (index >= ordersLength) {\n
return result;\n      }\n      var order = orders[index];\n      return result * (order == 'desc' ? -1 : 1);\n    }\n  }\n  //
Fixes an `Array#sort` bug in the JS engine embedded in Adobe applications\n  // that causes it, under certain
circumstances, to provide the same value for\n  // `object` and `other` . See
https://github.com/jashkenas/underscore/pull/1247\n  // for more details.\n  //\n  // This also ensures a stable sort in
V8 and other engines.\n  // See https://bugs.chromium.org/p/v8/issues/detail?id=90 for more details.\n  return
object.index - other.index;\n}\n\nmodule.exports = compareMultiple;\n", "var apply = require('./_apply');\n\n/** Built-
in method references for those with the same name as other `lodash` methods. *\nvar nativeMax =
Math.max;\n\n/**\n * A specialized version of `baseRest` which transforms the rest array.\n * @private\n *
@param {Function} func The function to apply a rest parameter to.\n * @param {number} [start=func.length-1]
The start position of the rest parameter.\n * @param {Function} transform The rest array transform.\n * @returns
{Function} Returns the new function.\n */\nfunction overRest(func, start, transform) {\n  start = nativeMax(start
=== undefined ? (func.length - 1) : start, 0);\n  return function() {\n    var args = arguments,\n        index = -1,\n
length = nativeMax(args.length - start, 0),\n        array = Array(length);\n    while (++index < length) {\n

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array[index] = args[start + index];\n  }\n  index = -1;\n  var otherArgs = Array(start + 1);\n  while (++index <
start) {\n  otherArgs[index] = args[index];\n  }\n  otherArgs[start] = transform(array);\n  return apply(func,
this, otherArgs);\n  };\n}\n\nmodule.exports = overRest;\n", "use strict";\nObject.defineProperty(exports,
'__esModule', { value: true });\nvar prefix = 'fab';\nvar iconName = 'linkedin';\nvar width = 448;\nvar height =
512;\nvar ligatures = [];\nvar unicode = 'f08c';\nvar svgPathData = 'M416 32H31.9C14.3 32 0 46.5 0 64.3v383.4C0
465.5 14.3 480 31.9 480H416c17.6 0 32-14.5 32-32.3V64.3c0-17.8-14.4-32.3-32-32.3zM135.4
416H69V202.2h66.5V416zm-33.2-243c-21.3 0-38.5-17.3-38.5-38.5S80.9 96 102.2 96c21.2 0 38.5 17.3 38.5 38.5 0
21.3-17.2 38.5-38.5 38.5zm282.1 243h-66.4V312c0-24.8-.5-56.7-34.5-56.7-34.6 0-39.9 27-39.9 54.9V416h-
66.4V202.2h63.7v29.2h.9c8.9-16.8 30.6-34.5 62.9-34.5 67.2 0 79.7 44.3 79.7 101.9V416z';\n\nexports.definition =
{\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  ]};\n\nexports.faLinkedin = exports.definition;\nexports.prefix = prefix;\nexports.iconName =
iconName;\nexports.width = width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode =
unicode;\nexports.svgPathData = svgPathData;","var isObject = require('./_is-object');\nvar document =
require('./_global').document;\n// typeof document.createElement is 'object' in old IE\nvar is = isObject(document)
&& isObject(document.createElement);\n\nmodule.exports = function (it) {\n  return is ? document.createElement(it) :
{};\n};\n","var memoize = require('./memoize');\n\n/** Used as the maximum memoize cache size. */\nvar
MAX_MEMOIZE_SIZE = 500;\n\n/**\n * A specialized version of `_.memoize` which clears the memoized
function's\n * cache when it exceeds `MAX_MEMOIZE_SIZE`.\n\n * @private\n * @param {Function} func The
function to have its output memoized.\n * @returns {Function} Returns the new memoized function.\n\n */\nfunction
memoizeCapped(func) {\n  var result = memoize(func, function(key) {\n    if (cache.size ===
MAX_MEMOIZE_SIZE) {\n      cache.clear();\n    }\n    return key;\n  });\n  var cache = result.cache;\n  return
result;\n}\n\nmodule.exports = memoizeCapped;\n","// getting tag from 19.1.3.6 Object.prototype.toString()\nvar
cof = require('./_cof');\nvar TAG = require('./_wks')('toStringTag');\n// ES3 wrong here\nvar ARG = cof(function ()
{ return arguments; }) == 'Arguments';\n\n// fallback for IE11 Script Access Denied error\nvar tryGet = function
(it, key) {\n  try {\n    return it[key];\n  } catch (e) { /* empty */ }\n};\n\nmodule.exports = function (it) {\n  var O,
T, B;\n  return it === undefined ? 'Undefined' : it === null ? 'Null'\n    // @@toStringTag case\n    : typeof (T =
tryGet(O = Object(it), TAG)) == 'string' ? T\n    // builtinTag case\n    : ARG ? cof(O)\n    // ES3 arguments
fallback\n    : (B = cof(O)) == 'Object' && typeof O.caller == 'function' ? 'Arguments' : B;\n};\n","var baseFor =
require('./_baseFor'),\n  keys = require('./keys');\n\n/**\n * The base implementation of `_.forOwn` without support
for iteratee shorthands.\n\n * @private\n * @param {Object} object The object to iterate over.\n * @param
{Function} iteratee The function invoked per iteration.\n * @returns {Object} Returns `object`.\n\n */\nfunction
baseForOwn(object, iteratee) {\n  return object && baseFor(object, iteratee, keys);\n}\n\nmodule.exports =
baseForOwn;\n","var root = require('./_root');\n\n/** Built-in value references. */\nvar Uint8Array =
root.Uint8Array;\n\nmodule.exports = Uint8Array;\n","var getMapData = require('./_getMapData');\n\n/**\n * Gets the map value for `key`.\n\n * @private\n * @name get\n * @memberOf MapCache\n * @param {string} key The
key of the value to get.\n * @returns {*} Returns the entry value.\n\n */\nfunction mapCacheGet(key) {\n  return
getMapData(this, key).get(key);\n}\n\nmodule.exports = mapCacheGet;\n","var nativeCreate =
require('./_nativeCreate');\n\n/** Used to stand-in for `undefined` hash values. */\nvar HASH_UNDEFINED =
'__lodash_hash_undefined__';\n\n/**\n * Sets the hash `key` to `value`.\n\n * @private\n * @name set\n *
@memberOf Hash\n * @param {string} key The key of the value to set.\n * @param {*} value The value to set.\n *
@returns {Object} Returns the hash instance.\n\n */\nfunction hashSet(key, value) {\n  var data = this.__data__;\n  this.size += this.has(key) ? 0 : 1;\n  data[key] = (nativeCreate && value === undefined) ? HASH_UNDEFINED :
value;\n  return this;\n}\n\nmodule.exports = hashSet;\n","var baseGetTag = require('./_baseGetTag'),\n  isObjectLike = require('./isObjectLike');\n\n/**\n * `Object#toString` result references. */\nvar argsTag = '[object
Arguments]';\n\n/**\n * The base implementation of `_.isArguments`.\n\n * @private\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is an `arguments` object,\n\n */\nfunction
baseIsArguments(value) {\n  return isObjectLike(value) && baseGetTag(value) == argsTag;\n}\n\nmodule.exports =
baseIsArguments;\n","exports.f = Object.getOwnPropertySymbols;\n","var arrayEvery =

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require('./_arrayEvery'),\n  baseEvery = require('./_baseEvery'),\n  baseIteratee = require('./_baseIteratee'),\n  isArray = require('./isArray'),\n  isIterateeCall = require('./_isIterateeCall');\n\n/**\n * Checks if `predicate` returns\n truthy for **all** elements of `collection`.\n * Iteration is stopped once `predicate` returns falsey. The predicate is\n * invoked with three arguments: (value, index|key, collection).\n * **Note:** This method returns `true` for\n * [empty collections](https://en.wikipedia.org/wiki/Empty_set) because\n * [everything is true](https://en.wikipedia.org/wiki/Vacuous_truth) of\n * elements of empty collections.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Collection\n * @param {Array|Object} collection The collection to\n iterate over.\n * @param {Function} [predicate=_identity] The function invoked per iteration.\n * @param {Object} [guard] Enables use as an iteratee for methods like `_.map`.\n * @returns {boolean} Returns `true` if all\n elements pass the predicate check,\n * else `false`.\n * @example\n *\n * _every([true, 1, null, 'yes'], Boolean);\n * // => false\n *\n * var users = [\n *   { 'user': 'barney', 'age': 36, 'active': false },\n *   { 'user': 'fred', 'age': 40, 'active':\n false } ];\n *\n * _every(users, { 'user': 'barney', 'active': false });\n * // => false\n *\n * _every(users, ['active', false]);\n * // => true\n *\n * _every(users, 'active');\n * // => false\n */\nfunction\n every(collection, predicate, guard) {\n  var func = isArray(collection) ? arrayEvery : baseEvery;\n  if (guard &&\n isIterateeCall(collection, predicate, guard)) {\n    predicate = undefined;\n  }\n  return func(collection,\n baseIteratee(predicate, 3));\n}\n\nmodule.exports = every;\n\n/**\n * The base implementation of `_.hasIn` without\n support for deep paths.\n *\n * @private\n * @param {Object} [object] The object to query.\n * @param\n {Array|string} key The key to check.\n * @returns {boolean} Returns `true` if `key` exists, else `false`.\n */\nfunction baseHasIn(object, key) {\n  return object != null && key in Object(object);\n}\n\nmodule.exports =\n baseHasIn;\n\nvar classof = require('./_classof');\nvar ITERATOR = require('./_wks')('iterator');\nvar Iterators =\n require('./_iterators');\nmodule.exports = require('./_core').getIteratorMethod = function (it) {\n  if (it != undefined)\n return it[ITERATOR]\n || it['@@iterator']\n || Iterators[classof(it)];\n};\n\n/**\n * @@@split logic\n * require('./_fix-re-\n wks')('split', 2, function (defined, SPLIT, $split) {\n  'use strict';\n  var isRegExp = require('./_is-regexp');\n  var\n _split = $split;\n  var $push = [].push;\n  var $SPLIT = 'split';\n  var LENGTH = 'length';\n  var LAST_INDEX =\n 'lastIndex';\n  if (\n 'abbc'[$SPLIT](/b*/)[1] == 'c' ||\n 'test'[$SPLIT](/?.?)/, -1)[LENGTH] != 4 ||\n 'ab'[$SPLIT](/?:ab*/)[LENGTH] != 2 ||\n '.'[$SPLIT](/?.?)/[LENGTH] != 4 ||\n '[$SPLIT](/()/)/[LENGTH] > 1 ||\n "[$SPLIT](/?.?)/[LENGTH] ) {\n    var NPCG = /()??/.exec()[1] ===\n undefined; // nonparticipating capturing group\n    // based on es5-shim implementation, need to rework it\n    $split\n = function (separator, limit) {\n      var string = String(this);\n      if (separator === undefined && limit === 0) return\n [];\n      // If `separator` is not a regex, use native split\n      if (!isRegExp(separator)) return _split.call(string,\n separator, limit);\n      var output = [];\n      var flags = (separator.ignoreCase ? 'i' : '') +\n (separator.multiline ? 'm' : '') +\n (separator.unicode ? 'u' : '') +\n (separator.sticky ? 'y' : '');\n      var lastLastIndex = 0;\n      var splitLimit = limit === undefined ? 4294967295 : limit >>> 0;\n      // Make `global`\n and avoid `lastIndex` issues by working with a copy\n      var separatorCopy = new RegExp(separator.source, flags\n + 'g');\n      var separator2, match, lastIndex, lastLength, i;\n      // Doesn't need flags gy, but they don't hurt\n      if\n (!NPCG) separator2 = new RegExp('^' + separatorCopy.source + '$(?:\\\\\\\\s)', flags);\n      while (match =\n separatorCopy.exec(string)) {\n        // `separatorCopy.lastIndex` is not reliable cross-browser\n        lastIndex =\n match.index + match[0][LENGTH];\n        if (lastIndex > lastLastIndex) {\n          output.push(string.slice(lastLastIndex, match.index));\n          // Fix browsers whose `exec` methods don't\n consistently return `undefined` for NPCG\n          // eslint-disable-next-line no-loop-func\n          if (!NPCG &&\n match[LENGTH] > 1) match[0].replace(separator2, function () {\n            for (i = 1; i < arguments[LENGTH] - 2;\n i++) if (arguments[i] === undefined) match[i] = undefined;\n          });\n          if (match[LENGTH] > 1 &&\n match.index < string[LENGTH]) $push.apply(output, match.slice(1));\n          lastLength = match[0][LENGTH];\n          lastLastIndex = lastIndex;\n          if (output[LENGTH] >= splitLimit) break;\n        }\n        if\n (separatorCopy[LAST_INDEX] === match.index) separatorCopy[LAST_INDEX]++; // Avoid an infinite loop\n      }\n      if (lastLastIndex === string[LENGTH]) {\n        if (lastLength || !separatorCopy.test("")) output.push("");\n      }\n      else output.push(string.slice(lastLastIndex));\n      return output[LENGTH] > splitLimit ? output.slice(0,\n
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splitLimit) : output;\n  };\n // Chakra, V8\n } else if ('0'[$$SPLIT](undefined, 0)[LENGTH]) {\n  $split = function
(separator, limit) {\n    return separator === undefined && limit === 0 ? [] : _split.call(this, separator, limit);\n
};\n }\n // 21.1.3.17 String.prototype.split(separator, limit)\n return [function split(separator, limit) {\n  var O =
defined(this);\n  var fn = separator == undefined ? undefined : separator[SPLIT];\n  return fn !== undefined ?
fn.call(separator, O, limit) : $split.call(String(O), separator, limit);\n }, $split];\n});\n"/**\n * Removes all key-
value entries from the list cache.\n * @private\n * @name clear\n * @memberOf ListCache\n */\nfunction
listCacheClear() {\n  this.__data__ = [];\n  this.size = 0;\n}\n\nmodule.exports = listCacheClear;\n"/** Used for
built-in method references. *\nvar objectProto = Object.prototype;\n\n/**\n * Used to resolve the\n *
[ `toStringTag` ](http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.toString)\n * of values.\n */\nvar
nativeObjectToString = objectProto.toString;\n\n/**\n * Converts `value` to a string using
`Object.prototype.toString`.\n * @private\n * @param {*} value The value to convert.\n * @returns {string}
Returns the converted string.\n */\nfunction objectToString(value) {\n  return
nativeObjectToString.call(value);\n}\n\nmodule.exports = objectToString;\n", "var global = require('./_global');\nvar
hide = require('./_hide');\nvar has = require('./_has');\nvar SRC = require('./_uid')('src');\nvar TO_STRING =
'toString';\nvar $toString = Function[TO_STRING];\nvar TPL = (" +
$toString).split(TO_STRING);\n\nrequire('./_core').inspectSource = function (it) {\n  return
$toString.call(it);\n};\n\n(module.exports = function (O, key, val, safe) {\n  var isFunction = typeof val ===
'function';\n  if (isFunction) has(val, 'name') || hide(val, 'name', key);\n  if (O[key] === val) return;\n  if (isFunction)
has(val, SRC) || hide(val, SRC, O[key] ? '' + O[key] : TPL.join(String(key)));\n  if (O === global) {\n    O[key] =
val;\n  } else if (!safe) {\n    delete O[key];\n    hide(O, key, val);\n  } else if (O[key]) {\n    O[key] = val;\n  } else
{\n    hide(O, key, val);\n  }\n\n// add fake Function#toString for correct work wrapped methods / constructors with
methods like LoDash isNative\n})(Function.prototype, TO_STRING, function toString() {\n  return typeof this ===
'function' && this[SRC] || $toString.call(this);\n});\n"/** 19.1.2.2 / 15.2.3.5 Object.create(O [, Properties])\n */\nvar
anObject = require('./_an-object');\nvar dPs = require('./_object-dps');\nvar enumBugKeys = require('./_enum-bug-
keys');\nvar IE_PROTO = require('./_shared-key')('IE_PROTO');\nvar Empty = function () { /* empty */ };\nvar
PROTOTYPE = 'prototype';\n\n// Create object with fake `null` prototype: use iframe Object with cleared
prototype\nvar createDict = function () {\n  // Thrash, waste and sodomy: IE GC bug\n  var iframe =
require('./_dom-create')('iframe');\n  var i = enumBugKeys.length;\n  var lt = '<';\n  var gt = '>';\n  var
iframeDocument;\n  iframe.style.display = 'none';\n  require('./_html').appendChild(iframe);\n  iframe.src =
'javascript:'; // eslint-disable-line no-script-url\n  // createDict = iframe.contentWindow.Object;\n  //
html.removeChild(iframe);\n  iframeDocument = iframe.contentWindow.document;\n  iframeDocument.open();\n  iframeDocument.write(lt + 'script' + gt + 'document.F=Object' + lt + '/script' + gt);\n  iframeDocument.close();\n  createDict = iframeDocument.F;\n  while (i--) delete createDict[PROTOTYPE][enumBugKeys[i)];\n  return
createDict();\n};\n\nmodule.exports = Object.create || function create(O, Properties) {\n  var result;\n  if (O !== null)
{\n    Empty[PROTOTYPE] = anObject(O);\n    result = new Empty();\n    Empty[PROTOTYPE] = null;\n    // add
`__proto__` for Object.getPrototypeOf polyfill\n    result[IE_PROTO] = O;\n  } else result = createDict();\n  return
Properties === undefined ? result : dPs(result, Properties);\n};\n"/** extracted by mini-css-extract-plugin", "var
freeGlobal = require('./_freeGlobal');\n\n/**\n * Detect free variable `self`.\n */\nvar freeSelf = typeof self === 'object' &&
self && self.Object === Object && self;\n\n/**\n * Used as a reference to the global object.\n */\nvar root = freeGlobal ||
freeSelf || Function('return this')();\n\nmodule.exports = root;\n", "var store = require('./_shared')('wks');\nvar uid =
require('./_uid');\nvar Symbol = require('./_global').Symbol;\nvar USE_SYMBOL = typeof Symbol ===
'function';\n\nvar $exports = module.exports = function (name) {\n  return store[name] || (store[name] =\n  USE_SYMBOL && Symbol[name] || (USE_SYMBOL ? Symbol : uid)('Symbol.' + name));\n};\n\n$exports.store =
store;\n", "module.exports = false;\n"/**\n * A specialized version of `_.filter` for arrays without support for\n *
iteratee shorthands.\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function}
predicate The function invoked per iteration.\n * @returns {Array} Returns the new filtered array.\n */\nfunction
arrayFilter(array, predicate) {\n  var index = -1,\n      length = array == null ? 0 : array.length,\n      resIndex = 0,\n      result = [];\n  while (++index < length) {\n    var value = array[index];\n    if (predicate(value, index, array)) {\n

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result[resIndex++] = value;\n  }\n }\n return result;\n}\n\nmodule.exports = arrayFilter;\n", "var toString =
{ }.toString;\n\nmodule.exports = function (it) {\n return toString.call(it).slice(8, -1);;\n};\n", "/*\n * Removes `key`
and its value from the stack.\n *\n * @private\n * @name delete\n * @memberOf Stack\n * @param {string} key
The key of the value to remove.\n *\n * @returns {boolean} Returns `true` if the entry was removed, else `false`.\n
*/\nfunction stackDelete(key) {\n var data = this.__data__,\n result = data['delete'](key);\n\n this.size =
data.size;\n return result;\n}\n\nmodule.exports = stackDelete;\n", "var isFunction = require('./isFunction'),\n
isLength = require('./isLength');\n\n/**\n * Checks if `value` is array-like. A value is considered array-like if it's\n
* not a function and has a `value.length` that's an integer greater than or\n
* equal to `0` and less than or equal to
`Number.MAX_SAFE_INTEGER`.\n
*\n
* @static\n
* @memberOf _\n
* @since 4.0.0\n
* @category Lang\n
* @param {*} value The value to check.\n
* @returns {boolean} Returns `true` if `value` is array-like, else `false`.\n
*\n
* @example\n
* _._isArrayLike([1, 2, 3]);\n
* // => true\n
* _._isArrayLike(document.body.children);\n
* //
=> true\n
* _._isArrayLike('abc');\n
* // => true\n
* _._isArrayLike(_noop);\n
* // => false\n
*/\nfunction
isArrayLike(value) {\n return value != null && isLength(value.length) &&
!isFunction(value);\n}\n\nmodule.exports = isArrayLike;\n", "/* fast apply, http://jsperf.inkit.com/fast-
apply/5\n\nmodule.exports = function (fn, args, that) {\n var un = that === undefined;\n switch (args.length) {\n
case 0: return un ? fn()\n : fn.call(that);\n case 1: return un ? fn(args[0])\n : fn.call(that,
args[0]);\n case 2: return un ? fn(args[0], args[1])\n : fn.call(that, args[0], args[1]);\n case 3: return
un ? fn(args[0], args[1], args[2])\n : fn.call(that, args[0], args[1], args[2]);\n case 4: return un ?
fn(args[0], args[1], args[2], args[3])\n : fn.call(that, args[0], args[1], args[2], args[3]);\n } return
fn.apply(that, args);\n};\n", "var dP = require('./_object-dp');\nvar createDesc = require('./_property-
desc');\n\nmodule.exports = require('./_descriptors') ? function (object, key, value) {\n return dP.f(object, key,
createDesc(1, value));\n} : function (object, key, value) {\n object[key] = value;\n return object;\n};\n", "var
arrayFilter = require('./_arrayFilter'),\n stubArray = require('./stubArray');\n\n/** Used for built-in method
references. */\nvar objectProto = Object.prototype;\n\n/** Built-in value references. */\nvar propertyIsEnumerable =
objectProto.propertyIsEnumerable;\n\n/** Built-in method references for those with the same name as other `lodash`
methods. */\nvar nativeGetSymbols = Object.getOwnPropertySymbols;\n\n/**\n * Creates an array of the own
enumerable symbols of `object`.\n
*\n
* @private\n
* @param {Object} object The object to query.\n
*\n
* @returns {Array} Returns the array of symbols.\n
*/\nvar getSymbols = !nativeGetSymbols ? stubArray : function(object) {\n
if (object == null) {\n return [];\n }\n object = Object(object);\n return arrayFilter(nativeGetSymbols(object),
function(symbol) {\n return propertyIsEnumerable.call(object, symbol);\n });\n};\n\nmodule.exports =
getSymbols;\n", "/* check on default Array iterator\n\nvar Iterators = require('./_iterators');\nvar ITERATOR =
require('./_wks')('iterator');\nvar ArrayProto = Array.prototype;\n\nmodule.exports = function (it) {\n return it !==
undefined && (Iterators.Array === it || ArrayProto[ITERATOR] === it);\n};\n", "var isFunction =
require('./isFunction'),\n isMasked = require('./_isMasked'),\n isObject = require('./isObject'),\n toSource =
require('./_toSource');\n\n/**\n * Used to match `RegExp` \n * [syntax characters](http://ecma-
international.org/ecma-262/7.0/#sec-patterns).\n
*\n
* @private\n
* @param {RegExp} re\n
*\n
* @returns {string} Returns the base implementation of `_.isNative` without bad shim checks.\n
*\n
* @private\n
* @param {*} value The value to
check.\n
*\n
* @returns {boolean} Returns `true` if `value` is a native function, \n
* else `false`.\n
*/\nfunction
baseIsNative(value) {\n if (!isObject(value) || isMasked(value)) {\n return false;\n }\n var pattern =
isFunction(value) ? reIsHostCtor : reIsNative;\n return pattern.test(toSource(value));\n}\n\nmodule.exports =
baseIsNative;\n", "/*\n * Gets the value at `key` of `object`.\n
*\n
* @private\n
* @param {Object} [object] The object to query.\n
*\n
* @param {string} key The key of the property to get.\n
*\n
* @returns {*} Returns the property
*/\nfunction

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    } else {\n\t      this.scroller().addEventListener('scroll', this._handleScroll);\n\t    }\n\t  },\n\t  mounted:
function mounted() {\n\t  this.isSupport3d = supports3d();\n\t\n\t  if (!this.disabled) {\n\t
this.scroller().addEventListener('scroll', this._handleScroll);\n\t  }\n\t\n\t  // When headroom is mounted, call
handleScroll to set initial state.\n\t  this._handleScroll();\n\t  },\n\t  beforeDestroy: function beforeDestroy() {\n\t
this.scroller().removeEventListener('scroll', this._handleScroll);\n\t  },\n\t\n\t  computed: {\n\t    style: function
style() {\n\t      var styles = {\n\t        'position': this.isInTop ? 'fixed' : 'relative',\n\t        'top': '0',\n\t        'left': '0',\n\t
        'right': '0',\n\t        'z-index': this.isInTop ? this.zIndex : 1\n\t      };\n\t\n\t      if (this.footroom) {\n\t        styles =
_extends({}, styles, { 'top': 'unset', 'bottom': '0' });\n\t      }\n\t\n\t      // SSR cannot detect scroll position. To prevent
flash when component mounted,\n\t      // just add transition styles in browser.\n\t      if (!this.$isServer) {\n\t
styles.transform = this.isSupport3d && !this.$isServer ? 'translate3d(0, ' + this.translate + ', 0)': 'translateY(' +
this.translate + ')';\n\t\n\t      styles.transition = this.isInTop ? 'all ' + this.speed + 'ms ' + this.easing : null;\n\t
}\n\t\n\t      return styles;\n\t    },\n\t    clsOpts: function clsOpts() {\n\t      return _extends({}, defaultCls,
this.classes);\n\t    },\n\t    cls: function cls() {\n\t      var _ref;\n\t\n\t      var cls = this.clsOpts;\n\t      return
this.disabled ? {} : (_ref = {}, _defineProperty(_ref, cls.top, this.isTop), _defineProperty(_ref, cls.notTop,
this.isNotTop), _defineProperty(_ref, cls.bottom, this.isBottom), _defineProperty(_ref, cls.notBottom,
this.isNotBottom), _defineProperty(_ref, cls.pinned, this.isPinned), _defineProperty(_ref, cls.unpinned,
this.isUnpinned), _defineProperty(_ref, cls.initial, true), _ref);\n\t    },\n\t    isInTop: function isInTop() {\n\t
return this.state === 'pinned' || this.state === 'unpinned';\n\t    }\n\t  },\n\t  methods: {\n\t    _getViewportHeight:
function _getViewportHeight() {\n\t      return window.innerHeight || document.documentElement.clientHeight ||
document.body.clientHeight;\n\t    },\n\t    _getElementPhysicalHeight: function _getElementPhysicalHeight(elm)
{\n\t      return Math.max(elm.offsetHeight, elm.clientHeight);\n\t    },\n\t    _getDocumentHeight: function
_getDocumentHeight() {\n\t      var body = document.body;\n\t      var documentElement =
document.documentElement;\n\t\n\t      return Math.max(body.scrollHeight, documentElement.scrollHeight,
body.offsetHeight, documentElement.offsetHeight, body.clientHeight, documentElement.clientHeight);\n\t    },\n\t    _getElementHeight: function _getElementHeight(elm) {\n\t
return Math.max(elm.scrollHeight,
elm.offsetHeight, elm.clientHeight);\n\t    },\n\t    _getScrollerPhysicalHeight: function
_getScrollerPhysicalHeight() {\n\t      var parent = this.scroller();\n\t\n\t      return parent === window || parent ===
document.body ? this._getViewportHeight() : this._getElementPhysicalHeight(parent);\n\t    },\n\t    _getScrollerHeight: function _getScrollerHeight() {\n\t
var parent = this.scroller();\n\t\n\t      return parent ===
window || parent === document.body ? this._getDocumentHeight() : this._getElementHeight(parent);\n\t    },\n\t    _isOutOfBound: function _isOutOfBound(currentScrollY) {\n\t
var pastTop = currentScrollY < 0;\n\t      var
scrollerPhysicalHeight = this._getScrollerPhysicalHeight();\n\t      var scrollerHeight =
this._getScrollerHeight();\n\t\n\t      var pastBottom = currentScrollY + scrollerPhysicalHeight > scrollerHeight;\n\t\n\t
return pastTop || pastBottom;\n\t    },\n\t    _handleScroll: function _handleScroll() {\n\t      raf_1(this.update);\n\t
}\n\t  },\n\t  _getScrollY: function _getScrollY() {\n\t      var top = void 0;\n\t      if (this.scroller().pageYOffset !==
undefined) {\n\t        top = this.scroller().pageYOffset;\n\t      } else if (this.scroller().scrollTop !== undefined) {\n\t
        top = this.scroller().scrollTop;\n\t      } else {\n\t        top = (document.documentElement ||
document.body.parentNode || document.body).scrollTop;\n\t      }\n\t      return top;\n\t    },\n\t  update: function
update() {\n\t      this.currentScrollY = this._getScrollY();\n\t\n\t      if (this._isOutOfBound(this.currentScrollY)) {\n\t
return;\n\t      }\n\t\n\t      if (this.currentScrollY <= this.offset) {\n\t        this.top();\n\t      } else {\n\t
this.notTop();\n\t      }\n\t\n\t      if (this.currentScrollY + this._getViewportHeight() >= this._getScrollerHeight())
{\n\t        this.bottom();\n\t      } else {\n\t        this.notBottom();\n\t      }\n\t\n\t      var action =
checkActions(this);\n\t\n\t      if (action === 'pin') {\n\t        this.pin();\n\t      } else if (action === 'unpin') {\n\t
this.unpin();\n\t      }\n\t\n\t      this.lastScrollY = this.currentScrollY;\n\t    },\n\t  top: function top() {\n\t      if
(!this.isTop) {\n\t        this.isTop = true;\n\t        this.isNotTop = false;\n\t        this.onTop && this.onTop();\n\t
}\n\t      },\n\t  notTop: function notTop() {\n\t      if (!this.isNotTop) {\n\t        this.isTop = false;\n\t
this.isNotTop = true;\n\t        this.onNotTop && this.onNotTop();\n\t      }\n\t    },\n\t  bottom: function bottom()
{\n\t      if (!this.isBottom) {\n\t        this.isBottom = true;\n\t        this.isNotBottom = false;\n\t        this.onBottom

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&& this.onBottom();\n\t  }\n\t  },\n\t  notBottom: function notBottom() {\n\t    if (!this.isNotBottom) {\n\t      this.isNotBottom = true;\n\t      this.isBottom = false;\n\t      this.onNotBottom && this.onNotBottom();\n\t    }\n\t  },\n\t  pin: function pin() {\n\t    var _this = this;\n\t    if (!this.isPinned) {\n\t      this.isPinned = true;\n\t      this.isUnpinned = false;\n\t      this.onPin && this.onPin();\n\t      this.$emit('pin');\n\t    }\n\t    this.translate = 0;\n\t    setTimeout(function () {\n\t      _this.state = 'pinned';\n\t    }, 0);\n\t  },\n\t  unpin: function unpin() {\n\t    var _this2 = this;\n\t    if (this.isPinned || !this.isUnpinned) {\n\t      this.isUnpinned = true;\n\t      this.isPinned = false;\n\t      this.onUnpin && this.onUnpin();\n\t      this.$emit('unpin');\n\t      this.translate = this.footroom ? '100%' : '-100%';\n\t      setTimeout(function () {\n\t        _this2.state = 'unpinned';\n\t      }, 0);\n\t    }\n\t  }\n\t});\n\tvar install = function install(Vue) {\n\t  if (install.installed) {\n\t    return;\n\t  }\n\t  Vue.component(headroom.name, headroom);\n\t};\n\tif (typeof window !== 'undefined' && window.Vue) {\n\t  install(window.Vue);\n\t}\n\tvar index = {\n\t  headroom: headroom,\n\t  install: install\n\t};\n\treturn index;\n});\n\n","use strict";\nvar create = require('./_object-create');\nvar descriptor = require('./_property-desc');\nvar setToStringTag = require('./_set-to-string-tag');\nvar IteratorPrototype = {};\n25.1.2.1.1 %IteratorPrototype%[@@iterator]()\nrequire('./_hide')(IteratorPrototype, require('./_wks')('iterator'), function () { return this; });\nmodule.exports = function (Constructor, NAME, next) {\n  Constructor.prototype = create(IteratorPrototype, { next: descriptor(1, next) });\n  setToStringTag(Constructor, NAME + ' Iterator');\n};\n\nvar isKeyable = require('./_isKeyable');\n\n/**\n * Gets the data for `map`.\n * @private\n * @param {Object} map The map to query.\n * @param {string} key The reference key.\n * @returns {*} Returns the map data.\n */\nfunction getMapData(map, key) {\n  var data = map.__data__;\n  return isKeyable(key) ? data[typeof key == 'string' ? 'string' : 'hash'] : data.map;\n}\n\nmodule.exports = getMapData;\n\n","/**\n * A specialized version of `_.some` for arrays without support for iteratee\n * shorthands.\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function} predicate The function invoked per iteration.\n * @returns {boolean} Returns `true` if any element passes the predicate check,\n * else `false`.\n */\nfunction arraySome(array, predicate) {\n  var index = -1,\n      length = array == null ? 0 : array.length;\n\n  while (++index < length) {\n    if (predicate(array[index], index, array)) {\n      return true;\n    }\n  }\n  return false;\n}\n\nmodule.exports = arraySome;\n\n","var DataView = require('./_DataView'),\n    Map = require('./_Map'),\n    Promise = require('./_Promise'),\n    Set = require('./_Set'),\n    WeakMap = require('./_WeakMap'),\n    baseGetTag = require('./_baseGetTag'),\n    toSource = require('./_toSource');\n\n/**\n * `Object#toString` result references.\n * @private\n * @var mapTag = '[object Map]',\n *      objectTag = '[object Object]',\n *      promiseTag = '[object Promise]',\n *      setTag = '[object Set]',\n *      weakMapTag = '[object WeakMap]';\n * @var dataViewTag = '[object DataView]';\n */\n\n/**\n * Used to detect maps, sets, and weakmaps.\n * @private\n * @var dataViewCtorString = toSource(DataView),\n *      mapCtorString = toSource(Map),\n *      promiseCtorString = toSource(Promise),\n *      setCtorString = toSource(Set),\n *      weakMapCtorString = toSource(WeakMap);\n */\n\n/**\n * Gets the `toStringTag` of\n * `value`.\n * @private\n * @param {*} value The value to query.\n * @returns {string} Returns the\n * `toStringTag`.\n */\nvar getTag = baseGetTag;\n\n// Fallback for data views, maps, sets, and weak maps in IE 11\n// and promises in Node.js < 6.\nif ((DataView && getTag(new DataView(new ArrayBuffer(1))) != dataViewTag) ||\n    (Map && getTag(new Map) != mapTag) ||\n    (Promise && getTag(Promise.resolve()) != promiseTag) ||\n    (Set && getTag(new Set) != setTag) ||\n    (WeakMap && getTag(new WeakMap) != weakMapTag)) {\n  getTag = function(value) {\n    var result = baseGetTag(value),\n        Ctor = result == objectTag ? value.constructor :\n            undefined,\n        ctorString = Ctor ? toSource(Ctor) : '';\n\n    if (ctorString) {\n      switch (ctorString) {\n        case dataViewCtorString: return dataViewTag;\n        case mapCtorString: return mapTag;\n        case promiseCtorString: return promiseTag;\n        case setCtorString: return setTag;\n        case weakMapCtorString: return weakMapTag;\n      }\n    }\n\n    return result;\n  };
}\n\nmodule.exports = getTag;\n\n","exports.nextTick = function nextTick(fn) {\n  setTimeout(fn, 0);\n};\n\nexports.platform = exports.arch =\nexports.execPath = exports.title =\n'browser';\nexports.pid = 1;\nexports.browser = true;\nexports.env = {};\nexports.argv = [];\nexports.binding =\nfunction (name) {\n  throw new Error('No such module. (Possibly not yet loaded)');\n};\n\n(function () {\n  var cwd = '/';\n  var path;\n  exports.cwd = function () { return cwd }; \n  exports.chdir = function (dir) {\n    if (!path)\n      path = require('path');\n    cwd = path.resolve(dir, cwd);\n  };
})();\n\nexports.exit = exports.kill =

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\nexports.umask = exports.dlopen = \nexports.uptime = exports.memoryUsage = \nexports.uvCounters = function()
{ }; \nexports.features = { }; \n", "/*\n * Gets the last element of `array`. \n * \n * @static\n * @memberOf _\n *
@since 0.1.0\n * @category Array\n * @param {Array} array The array to query. \n * @returns {*} Returns the last
element of `array`. \n * @example\n * \n * _last([1, 2, 3]); \n * // => 3\n */\nfunction last(array) { \n  var length =
array == null ? 0 : array.length; \n  return length ? array[length - 1] : undefined; \n} \n\nmodule.exports = last; \n", "
19.1.2.14 Object.keys(O)\nvar toObject = require('./_to-object'); \nvar $keys = require('./_object-
keys'); \n\nrequire('./_object-sap')('keys', function () { \n  return function keys(it) { \n    return $keys(toObject(it)); \n
  }; \n}); \n", "7.1.4 ToInteger\nvar ceil = Math.ceil; \nvar floor = Math.floor; \nmodule.exports = function (it) { \n
return isNaN(it + +it) ? 0 : (it > 0 ? floor : ceil)(it); \n}; \n", "module.exports = function (bitmap, value) { \n  return { \n
enumerable: !(bitmap & 1), \n  configurable: !(bitmap & 2), \n  writable: !(bitmap & 4), \n  value: value \n
}; \n}; \n", "var baseForOwn = require('./_baseForOwn'), \n  createBaseEach = require('./_createBaseEach'); \n\n/**\n
 * The base implementation of `_forEach` without support for iteratee shorthands. \n * \n * @private\n * @param
{Array|Object} collection The collection to iterate over. \n * @param {Function} iteratee The function invoked per
iteration. \n * @returns {Array|Object} Returns `collection`. \n */\nvar baseEach =
createBaseEach(baseForOwn); \n\nmodule.exports = baseEach; \n", " @ @match logic\nrequire('./_fix-re-
wks')('match', 1, function (defined, MATCH, $match) { \n // 21.1.3.11 String.prototype.match(regexp)\n  return
[function match(regexp) { \n    'use strict'; \n    var O = defined(this); \n    var fn = regexp == undefined ? undefined :
regexp[MATCH]; \n    return fn !== undefined ? fn.call(regexp, O) : new RegExp(regexp)[MATCH](String(O)); \n
  }, $match]; \n}); \n", "var nativeCreate = require('./_nativeCreate'); \n\n/**\n
 * Removes all key-value entries from the hash. \n * \n * @private\n * @name clear\n * @memberOf Hash\n */\nfunction hashClear() { \n  this.__data__ =
nativeCreate ? nativeCreate(null) : { }; \n  this.size = 0; \n} \n\nmodule.exports = hashClear; \n", "var ctx =
require('./_ctx'); \nvar call = require('./_iter-call'); \nvar isArrayIter = require('./_is-array-iter'); \nvar anObject =
require('./_an-object'); \nvar toLength = require('./_to-length'); \nvar getIterFn = require('./core.get-iterator-
method'); \nvar BREAK = { }; \nvar RETURN = { }; \nvar exports = module.exports = function (iterable, entries, fn,
that, ITERATOR) { \n  var iterFn = ITERATOR ? function () { return iterable; } : getIterFn(iterable); \n  var f =
ctx(fn, that, entries ? 2 : 1); \n  var index = 0; \n  var length, step, iterator, result; \n  if (typeof iterFn != 'function')
throw TypeError(iterable + ' is not iterable!'); \n  // fast case for arrays with default iterator\n  if (isArrayIter(iterFn))
for (length = toLength(iterable.length); length > index; index++) { \n    result = entries ? f(anObject(step =
iterable[index])[0], step[1]) : f(iterable[index]); \n    if (result === BREAK || result === RETURN) return result; \n  }
else for (iterator = iterFn.call(iterable); !(step = iterator.next()).done;) { \n    result = call(iterator, f, step.value,
entries); \n    if (result === BREAK || result === RETURN) return result; \n  } \n}; \n\nexports.BREAK =
BREAK; \nexports.RETURN = RETURN; \n", "7.1.13 ToObject(argument)\nvar defined =
require('./_defined'); \nmodule.exports = function (it) { \n  return Object(defined(it)); \n}; \n", "var baseFlatten =
require('./_baseFlatten'); \n\n/**\n
 * Flattens `array` a single level deep. \n * \n * @static\n * @memberOf _\n *
@since 0.1.0\n * @category Array\n * @param {Array} array The array to flatten. \n * @returns {Array} Returns
the new flattened array. \n * @example\n * \n * _flatten([1, [2, [3, [4]], 5]); \n * // => [1, 2, [3, [4]], 5]\n */\nfunction
flatten(array) { \n  var length = array == null ? 0 : array.length; \n  return length ? baseFlatten(array, 1) :
[]; \n} \n\nmodule.exports = flatten; \n", " // extracted by mini-css-extract-plugin", "/*\n * The base implementation of
`_times` without support for iteratee shorthands\n * or max array length checks. \n * \n * @private\n * @param
{number} n The number of times to invoke `iteratee`. \n * @param {Function} iteratee The function invoked per
iteration. \n * @returns {Array} Returns the array of results. \n */\nfunction baseTimes(n, iteratee) { \n  var index = -
1, \n    result = Array(n); \n  while (++index < n) { \n    result[index] = iteratee(index); \n  } \n  return
result; \n} \n\nmodule.exports = baseTimes; \n", "/*!\n
 * vue-social-sharing v2.3.3\n * (c) 2017 nicolasbeauvais\n *
Released under the MIT License. \n */\n'use strict'; \n\nfunction _interopDefault (ex) { return (ex && (typeof ex ===
'object') && 'default' in ex) ? ex['default'] : ex; } \n\nvar Vue = _interopDefault(require('vue')); \n\nvar
SocialSharingNetwork = { \n  functional: true, \n  props: { \n    network: { \n      type: String, \n      default: "\n  } \n
}, \n  render: function (createElement, context) { \n    var network =
context.parent._data.baseNetworks[context.props.network]; \n    if (!network) { \n      return

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console.warn(("Network " + (context.props.network) + " does not exist"));
return
createElement(context.parent.networkTag, {
  staticClass: context.data.staticClass || null,
  staticStyle: context.data.staticStyle || null,
  class: context.data.class || null,
  style: context.data.style || null,
  attrs: {
    id: context.data.attrs.id || null,
    'data-link': network.type === 'popup' ? '#share-' +
context.props.network : context.parent.createSharingUrl(context.props.network),
    'data-action': network.type === 'popup' ? null : network.action,
  },
  on: {
    click: network.type === 'popup' ? function () {
      context.parent.share(context.props.network);
    } : function () {
      context.parent.touch(context.props.network);
    },
  },
  context.children);
};

nvar email = {"sharer": "mailto:?subject=@title&body=@url%0D%0A%0D%0A@description", "type": "direct"};
nvar facebook = {"sharer": "https://www.facebook.com/sharer/sharer.php?u=@url&title=@title&description=@description&quote=@quote", "type": "popup"};
nvar googleplus = {"sharer": "https://plus.google.com/share?url=@url", "type": "popup"};
nvar line = {"sharer": "http://line.me/R/msg/text/?@description%0D%0A@url", "type": "popup"};
nvar linkedin = {"sharer": "https://www.linkedin.com/shareArticle?mini=true&url=@url&title=@title&summary=@description", "type": "popup"};
nvar odnoklassniki = {"sharer": "https://connect.ok.ru/dk?st.cmd=WidgetSharePreview&st.shareUrl=@url&st.comments=@description", "type": "popup"};
nvar pinterest = {"sharer": "https://pinterest.com/pin/create/button/?url=@url&media=@media&description=@title", "type": "popup"};
nvar reddit = {"sharer": "https://www.reddit.com/submit?url=@url&title=@title", "type": "popup"};
nvar skype = {"sharer": "https://web.skype.com/share?url=@description%0D%0A@url", "type": "popup"};
nvar telegram = {"sharer": "https://t.me/share/url?url=@url&text=@description", "type": "popup"};
nvar twitter = {"sharer": "https://twitter.com/intent/tweet?text=@title&url=@url&hashtags=@hashtags@twitteruser", "type": "popup"};
nvar viber = {"sharer": "viber://forward?text=@url @description", "type": "direct"};
nvar vk = {"sharer": "https://vk.com/share.php?url=@url&title=@title&description=@description&image=@media&noparse=true", "type": "popup"};
nvar weibo = {"sharer": "http://service.weibo.com/share/share.php?url=@url&title=@title", "type": "popup"};
nvar whatsapp = {"sharer": "whatsapp://send?text=@description%0D%0A@url", "type": "direct", "action": "share/whatsapp/share"};
nvar sms = {"sharer": "sms:?body=@url%20@description", "type": "direct"};

nvar BaseNetworks = {
  email: email,
  facebook: facebook,
  googleplus: googleplus,
  line: line,
  linkedin: linkedin,
  odnoklassniki: odnoklassniki,
  pinterest: pinterest,
  reddit: reddit,
  skype: skype,
  telegram: telegram,
  twitter: twitter,
  viber: viber,
  vk: vk,
  weibo: weibo,
  whatsapp: whatsapp,
  sms: sms;
};

nvar inBrowser = typeof window !== 'undefined';
nvar $window = inBrowser ? window : null;

nvar SocialSharing = {
  props: {
    /** URL to share. @var string */
    url: {
      type: String,
      default: inBrowser ? window.location.href : "",
    },
    /** Sharing title, if available by network. @var string */
    title: {
      type: String,
      default: "",
    },
    /** Sharing description, if available by network. @var string */
    description: {
      type: String,
      default: "",
    },
    /** Facebook quote @var string */
    quote: {
      type: String,
      default: "",
    },
    /** Twitter hashtags @var string */
    hashtags: {
      type: String,
      default: "",
    },
    /** Twitter user. @var string */
    twitterUser: {
      type: String,
      default: "",
    },
    /** Flag that indicates if counts should be retrieved. @var mixed */
    withCounts: {
      type: [String, Boolean],
      default: false,
    },
    /** Google plus key. @var string */
    googleKey: {
      type: String,
      default: undefined,
    },
    /** Pinterest Media URL. @var string Specifies the image/media to be used. @var string */
    media: {
      type: String,
      default: "",
    },
    /** Network sub component tag. @var string Default to span tag. @var string networkTag: {
      type: String,
      default: 'span',
    },
    /** Additional or overridden networks. @var string Default to
```

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BaseNetworks\n    *^n networks: {\n    type: Object,\n    default: function () {\n    return {};\n    }\n    },\n    data: function data () {\n    return {\n    /**\n    * Available sharing networks.\n    * @param object\n    */\n    baseNetworks: BaseNetworks,\n    /**\n    * Popup settings.\n    * @param object\n    */\n    popup: {\n    status: false,\n    resizable: true,\n    toolbar: false,\n    menubar: false,\n    scrollbars: false,\n    location: false,\n    directories: false,\n    width: 626,\n    height: 436,\n    top: 0,\n    left: 0,\n    window: undefined,\n    interval: null\n    }\n    },\n    methods: {\n    /**\n    * Returns generated sharer url.\n    * @param network Social network key.\n    */\n    createSharingUrl: function createSharingUrl (network) {\n    return this.baseNetworks[network].sharer\n    .replace(/@url/g, encodeURIComponent(this.url))\n    .replace(/@title/g, encodeURIComponent(this.title))\n    .replace(/@description/g, encodeURIComponent(this.description))\n    .replace(/@quote/g, encodeURIComponent(this.quote))\n    .replace(/@hashtags/g, this.hashtags)\n    .replace(/@media/g, this.media)\n    .replace(/@twitteruser/g, this.twitterUser ? '&via=' + this.twitterUser : '');\n    },\n    /**\n    * Shares URL in specified network.\n    * @param string network Social network key.\n    */\n    share: function share (network) {\n    this.openSharer(network, this.createSharingUrl(network));\n    this.$root.$emit('social_shares_open', network, this.url);\n    this.$emit('open', network, this.url);\n    },\n    /**\n    * Touches network and emits click event.\n    * @param string network Social network key.\n    */\n    touch: function touch (network) {\n    window.open(this.createSharingUrl(network), '_self');\n    this.$root.$emit('social_shares_open', network, this.url);\n    this.$emit('open', network, this.url);\n    },\n    /**\n    * Opens sharer popup.\n    * @param string url Url to share.\n    */\n    openSharer: function openSharer (network, url) {\n    var this$1 = this;\n    // If a popup window already exist it will be replaced, trigger a close event.\n    if (this.popup.window && this.popup.interval) {\n    clearInterval(this.popup.interval);\n    this.popup.window.close();// Force close (for Facebook)\n    this.$root.$emit('social_shares_change', network, this.url);\n    this.$emit('change', network, this.url);\n    }\n    this.popup.window = window.open(\n    url,\n    'sharer',\n    'status=' + (this.popup.status ? 'yes' : 'no') +\n    ',height=' + this.popup.height +\n    ',width=' + this.popup.width +\n    ',resizable=' + (this.popup.resizable ? 'yes' : 'no') +\n    ',left=' + this.popup.left +\n    ',top=' + this.popup.top +\n    ',screenX=' + this.popup.left +\n    ',screenY=' + this.popup.top +\n    ',toolbar=' + (this.popup.toolbar ? 'yes' : 'no') +\n    ',menubar=' + (this.popup.menubar ? 'yes' : 'no') +\n    ',scrollbars=' + (this.popup.scrollbars ? 'yes' : 'no') +\n    ',location=' + (this.popup.location ? 'yes' : 'no') +\n    ',directories=' + (this.popup.directories ? 'yes' : 'no')\n    );\n    this.popup.window.focus();\n    // Create an interval to detect popup closing event\n    this.popup.interval = setInterval(function () {\n    if (this$1.popup.window.closed) {\n    clearInterval(this$1.popup.interval);\n    this$1.popup.window = undefined;\n    this$1.$root.$emit('social_shares_close', network, this$1.url);\n    this$1.$emit('close', network, this$1.url);\n    }\n    }, 500);\n    },\n    /**\n    * Merge base networks list with user's list\n    */\n    beforeMount: function beforeMount () {\n    this.baseNetworks = Vue.util.extend(this.baseNetworks, this.networks);\n    },\n    /**\n    * Sets popup default dimensions.\n    */\n    mounted: function mounted () {\n    if (!inBrowser) {\n    return;\n    }\n    /**\n    * Center the popup on dual screens\n    * http://stackoverflow.com/questions/4068373/center-a-popup-window-on-screen/32261263\n    */\n    var dualScreenLeft = $window.screenLeft !== undefined ? $window.screenLeft : screen.left;\n    var dualScreenTop = $window.screenTop !== undefined ? $window.screenTop : screen.top;\n    var width = $window.innerWidth ? $window.innerWidth : (document.documentElement.clientWidth ? document.documentElement.clientWidth : screen.width);\n    var height = $window.innerHeight ? $window.innerHeight : (document.documentElement.clientHeight ? document.documentElement.clientHeight : screen.height);\n    this.popup.left = ((width / 2) - (this.popup.width / 2)) + dualScreenLeft;\n    this.popup.top = ((height / 2) - (this.popup.height / 2)) + dualScreenTop;\n    },\n    /**\n    * Set component aliases for buttons and links.\n    */\n    components: {\n    'network': SocialSharingNetwork\n    }\n    };\n    SocialSharing.version = '2.3.3';\n    SocialSharing.install = function (Vue) {\n    Vue.component('social-sharing', SocialSharing);\n    }\n    if (typeof window !== 'undefined') {\n    window.SocialSharing = SocialSharing;\n    }\n    module.exports = SocialSharing;,"exports.f = {},propertyIsEnumerable;\n","export default {\n    'imddb-header.dropdown.items': [\n    { label: 'Graphics', href: \"\n    \"},\n    { label: 'Overview', href: \"\n    \"},\n    ]\n    }

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{ label: 'Visual overview', href: '#/' },\n { label: 'Backgrounder', href: '#/' },\n { label: 'About this project',
href: '#/', active: true }\n ],\n 'project.name': 'Secret Papers',\n 'app.name': 'Awesome App',\n 'app.home': './',\n
'sharing-options.url': null,\n 'sharing-options.title': 'Awesome App by ICIJ',\n 'sharing-options.description': 'null',\n
'sharing-options.media': null,\n 'sharing-options.twitter-user': 'ICIJorg',\n 'signup-form.tracker': 'EXTERNAL',\n
'signup-form.action': 'https://icij.us15.list-manage.com/subscribe/post?u=0d48a33b1c24d257734cc2a79&id=992ecfdbb2',\n
'donate-form.introduction':
`ICIJ's investigations are supported by readers like you. Help keep our\n
databases free and open to
the public by joining our\n
<strong><a target="_blank" href="https://icij.org/donate">ICIJ
Insiders</a></strong>\n
community.`\n\n", "import get from 'lodash/get'\nimport each from
'lodash/each'\nimport Symbol from 'es6-symbol'\nimport defaultValues from './config.default'\n\nconst _VALUES =
Symbol('values')\nconst _SCOPES = Symbol('scopes')\n\nclass Config {\n constructor (values = {}) {\n
this[_VALUES] = {}\n each(values, (value, key) => this.set(key, value))\n return this;\n }\n set (key, value) {\n
const levels = key.split('.')\n if (levels.length > 1) {\n this[_VALUES][key] =
this.scope(levels.shift()).set(levels.join('.'), value)\n } else {\n this[_VALUES][key] = value\n }\n return
value\n }\n get (key, defaultValue) {\n return get(this[_VALUES], key, defaultValue)\n }\n scopes () {\n
this[_SCOPES] = get(this, _SCOPES, {})\n return this[_SCOPES]\n }\n scope (name) {\n this.scopes[name] =
get(this.scopes, name, new Config())\n return this.scopes[name]\n }\n values () {\n return this[_VALUES]\n
}\n}\n\nexport default new Config(defaultValues)\n\n,"use strict";\nvar LIBRARY = require('./_library');\nvar global
= require('./_global');\nvar ctx = require('./_ctx');\nvar classof = require('./_classof');\nvar $export =
require('./_export');\nvar isObject = require('./_is-object');\nvar aFunction = require('./_a-function');\nvar anInstance
= require('./_an-instance');\nvar forOf = require('./_for-of');\nvar speciesConstructor = require('./_species-
constructor');\nvar task = require('./_task').set;\nvar microtask = require('./_microtask');\nvar
newPromiseCapabilityModule = require('./_new-promise-capability');\nvar perform = require('./_perform');\nvar
userAgent = require('./_user-agent');\nvar promiseResolve = require('./_promise-resolve');\nvar PROMISE =
'Promise';\nvar TypeError = global.TypeError;\nvar process = global.process;\nvar versions = process &&
process.versions;\nvar v8 = versions && versions.v8 || ""; \nvar $Promise = global[PROMISE];\nvar isNode =
classof(process) == 'process';\nvar empty = function () { /* empty */ }; \nvar Internal,
newGenericPromiseCapability, OwnPromiseCapability, Wrapper;\nvar newPromiseCapability =
newGenericPromiseCapability = newPromiseCapabilityModule.f;\n\nvar USE_NATIVE = !!function () {\n try {\n
// correct subclassing with @@species support\n var promise = $Promise.resolve(1);\n var FakePromise =
(promise.constructor = {})[require('./_wks')('species')] = function (exec) {\n exec(empty, empty);\n }; \n //
unhandled rejections tracking support, NodeJS Promise without it fails @@species test\n return (isNode || typeof
PromiseRejectionEvent == 'function')\n && promise.then(empty) instanceof FakePromise\n // v8 6.6 (Node
10 and Chrome 66) have a bug with resolving custom thenables\n //
https://bugs.chromium.org/p/chromium/issues/detail?id=830565\n // we can't detect it synchronously, so just
check versions\n && v8.indexOf('6.6') != 0\n && userAgent.indexOf('Chrome/66') === -1;\n } catch (e) {
/* empty */ }\n}();\n\n// helpers\nvar isThenable = function (it) {\n var then;\n return isObject(it) && typeof (then
= it.then) == 'function' ? then : false;\n};\nvar notify = function (promise, isReject) {\n if (promise._n) return;\n
promise._n = true;\n var chain = promise._c;\n microtask(function () {\n var value = promise._v;\n var ok =
promise._s == 1;\n var i = 0;\n var run = function (reaction) {\n var handler = ok ? reaction.ok :
reaction.fail;\n var resolve = reaction.resolve;\n var reject = reaction.reject;\n var domain =
reaction.domain;\n var result, then, exited;\n try {\n if (handler) {\n if (!ok) {\n if (promise._h
== 2) onHandleUnhandled(promise);\n promise._h = 1;\n }\n if (handler === true) result =
value;\n else {\n if (domain) domain.enter();\n result = handler(value); // may throw\n if
(domain) {\n domain.exit();\n exited = true;\n }\n }\n if (result ===
reaction.promise) {\n reject(TypeError('Promise-chain cycle'));\n } else if (then = isThenable(result))
{\n then.call(result, resolve, reject);\n } else resolve(result);\n } else reject(value);\n } catch (e)
{\n if (domain && !exited) domain.exit();\n reject(e);\n }\n }; \n while (chain.length > i)

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run(chain[i++]); // variable length - can't use forEach\n  promise._c = [];\n  promise._n = false;\n  if (isReject\n  && !promise._h) onUnhandled(promise);\n  });\n};\n\nvar onUnhandled = function (promise) {\n  task.call(global,\n  function () {\n    var value = promise._v;\n    var unhandled = isUnhandled(promise);\n    var result, handler,\n    console;\n    if (unhandled) {\n      result = perform(function () {\n        if (isNode) {\n          process.emit('unhandledRejection', value, promise);\n        } else if (handler = global.onunhandledrejection) {\n          handler({ promise: promise, reason: value });\n        } else if ((console = global.console) && console.error) {\n          console.error('Unhandled promise rejection', value);\n        }\n      });\n      // Browsers should not trigger\n      `rejectionHandled` event if it was handled here, NodeJS - should\n      promise._h = isNode || isUnhandled(promise)\n      ? 2 : 1;\n    } promise._a = undefined;\n    if (unhandled && result.e) throw result.v;\n  });\n};\n\nvar isUnhandled =\n  function (promise) {\n    return promise._h !== 1 && (promise._a || promise._c).length === 0;\n  };\n\nvar\n  onHandleUnhandled = function (promise) {\n    task.call(global, function () {\n      var handler;\n      if (isNode) {\n        process.emit('rejectionHandled', promise);\n      } else if (handler = global.onrejectionhandled) {\n        handler({\n          promise: promise, reason: promise._v\n        });\n      }\n    });\n  };\n\nvar $reject = function (value) {\n  var promise = this;\n  (promise._d) return;\n  promise._d = true;\n  promise = promise._w || promise;\n  // unwrap\n  promise._v = value;\n  promise._s = 2;\n  if (!promise._a) promise._a = promise._c.slice();\n  notify(promise, true);\n};\n\nvar $resolve =\n  function (value) {\n    var promise = this;\n    var then;\n    if (promise._d) return;\n    promise._d = true;\n    promise =\n    promise._w || promise;\n    // unwrap\n    try {\n      if (promise === value) throw TypeError('\"Promise can't be resolved\n      itself\"');\n      if (then = isThenable(value)) {\n        microtask(function () {\n          var wrapper = { _w: promise, _d:\n          false };\n          // wrap\n          try {\n            then.call(value, ctx($resolve, wrapper, 1), ctx($reject, wrapper, 1));\n          } catch\n          (e) {\n            $reject.call(wrapper, e);\n          }\n        });\n      } else {\n        promise._v = value;\n        promise._s = 1;\n        notify(promise, false);\n      }\n    } catch (e) {\n      $reject.call({ _w: promise, _d: false }, e);\n    }\n  };\n\n//\n  constructor polyfill\n  if (!USE_NATIVE) {\n    // 25.4.3.1 Promise(executor)\n    $Promise = function\n    Promise(executor) {\n      anInstance(this, $Promise, PROMISE, '_h');\n      aFunction(executor);\n      Internal.call(this);\n      try {\n        executor(ctx($resolve, this, 1), ctx($reject, this, 1));\n      } catch (err) {\n        $reject.call(this, err);\n      }\n    };\n    // eslint-disable-next-line no-unused-vars\n    Internal = function\n    Promise(executor) {\n      this._c = [];\n      // <- awaiting reactions\n      this._a = undefined;\n      // <- checked in\n      isUnhandled reactions\n      this._s = 0;\n      // <- state\n      this._d = false;\n      // <- done\n      this._v = undefined;\n      // <- value\n      this._h = 0;\n      // <- rejection state, 0 - default, 1 - handled, 2 - unhandled\n      this._n = false;\n      // <- notify\n    };\n    Internal.prototype = require('./_redefine-all')($Promise.prototype, {\n      // 25.4.5.3\n      Promise.prototype.then(onFulfilled, onRejected)\n      then: function then(onFulfilled, onRejected) {\n        var reaction\n        = new PromiseCapability(speciesConstructor(this, $Promise));\n        reaction.ok = typeof onFulfilled === 'function' ?\n        onFulfilled : true;\n        reaction.fail = typeof onRejected === 'function' && onRejected;\n        reaction.domain =\n        isNode ? process.domain : undefined;\n        this._c.push(reaction);\n        if (this._a) this._a.push(reaction);\n        if\n        (this._s) notify(this, false);\n        return reaction.promise;\n      },\n      // 25.4.5.1\n      Promise.prototype.catch(onRejected)\n      'catch': function (onRejected) {\n        return this.then(undefined,\n        onRejected);\n      }\n    });\n    OwnPromiseCapability = function () {\n      var promise = new Internal();\n      this.promise\n      = promise;\n      this.resolve = ctx($resolve, promise, 1);\n      this.reject = ctx($reject, promise, 1);\n    };\n    new PromiseCapabilityModule.f = new PromiseCapability = function (C) {\n      return C === $Promise || C ===\n      Wrapper\n      ? new OwnPromiseCapability(C)\n      : new GenericPromiseCapability(C);\n    };\n  };\n\n  $export($export.G + $export.W + $export.F * !USE_NATIVE, { Promise: $Promise\n  });\n  require('./_set-to-string-tag')($Promise, PROMISE);\n  require('./_set-species')(PROMISE);\n  Wrapper =\n  require('./_core')[PROMISE];\n\n  // statics\n  $export($export.S + $export.F * !USE_NATIVE, PROMISE, {\n    // 25.4.4.5 Promise.reject(r)\n    reject: function reject(r) {\n      var capability = new PromiseCapability(this);\n      var\n      $$reject = capability.reject;\n      $$reject(r);\n      return capability.promise;\n    }\n  });\n  $export($export.S + $export.F *\n  (LIBRARY || !USE_NATIVE), PROMISE, {\n    // 25.4.4.6 Promise.resolve(x)\n    resolve: function resolve(x) {\n      return promiseResolve(LIBRARY && this === Wrapper ? $Promise : this, x);\n    }\n  });\n  $export($export.S +\n  $export.F * !(USE_NATIVE && require('./_iter-detect')(function (iter) {\n    $Promise.all(iter)['catch'](empty);\n  })),\n  PROMISE, {\n    // 25.4.4.1 Promise.all(iterable)\n    all: function all(iterable) {\n      var C = this;\n      var capability =

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*\nfunction baseReduce(collection, iteratee, accumulator, initAccum, eachFunc) {\n  eachFunc(collection,
function(value, index, collection) {\n    accumulator = initAccum\n    ? (initAccum = false, value)\n    :
iteratee(accumulator, value, index, collection);\n  });\n  return accumulator;\n}\n\nmodule.exports =
baseReduce;\n", "var arrayPush = require('./_arrayPush'),\n  isFlattenable = require('./_isFlattenable');\n\n/**\n * The base implementation of `_.flatten` with support for restricting flattening.\n * @private\n * @param {Array}
array The array to flatten.\n * @param {number} depth The maximum recursion depth.\n * @param {boolean}
[predicate=isFlattenable] The function invoked per iteration.\n * @param {boolean} [isStrict] Restrict to values that
pass `predicate` checks.\n * @param {Array} [result=[]] The initial result value.\n * @returns {Array} Returns the
new flattened array.\n */\nfunction baseFlatten(array, depth, predicate, isStrict, result) {\n  var index = -1,\n
length = array.length;\n\n  predicate || (predicate = isFlattenable);\n  result || (result = []);\n\n  while (++index <
length) {\n    var value = array[index];\n    if (depth > 0 && predicate(value)) {\n      if (depth > 1) {\n        //
Recursively flatten arrays (susceptible to call stack limits).\n        baseFlatten(value, depth - 1, predicate, isStrict,
result);\n      } else {\n        arrayPush(result, value);\n      }\n    } else if (!isStrict) {\n      result[result.length] =
value;\n    }\n  }\n  return result;\n}\n\nmodule.exports = baseFlatten;\n", "var global = require('./_global');\nvar core
= require('./_core');\nvar hide = require('./_hide');\nvar redefine = require('./_redefine');\nvar ctx =
require('./_ctx');\nvar PROTOTYPE = 'prototype';\n\nvar $export = function (type, name, source) {\n  var
IS_FORCED = type & $export.F;\n  var IS_GLOBAL = type & $export.G;\n  var IS_STATIC = type &
$export.S;\n  var IS_PROTO = type & $export.P;\n  var IS_BIND = type & $export.B;\n  var target = IS_GLOBAL
? global : IS_STATIC ? global[name] || (global[name] = {}) : (global[name] || {})[PROTOTYPE];\n  var exports =
IS_GLOBAL ? core : core[name] || (core[name] = {});\n  var expProto = exports[PROTOTYPE] ||
(exports[PROTOTYPE] = {});\n  var key, own, out, exp;\n  if (IS_GLOBAL) source = name;\n  for (key in source) {\n
// contains in native\n    own = !IS_FORCED && target && target[key] !== undefined;\n    // export native or
passed\n    out = (own ? target : source)[key];\n    // bind timers to global for call from export context\n    exp =
IS_BIND && own ? ctx(out, global) : IS_PROTO && typeof out === 'function' ? ctx(Function.call, out) : out;\n
// extend global\n    if (target) redefine(target, key, out, type & $export.U);\n    // export\n    if (exports[key] !== out)
hide(exports, key, exp);\n    if (IS_PROTO && expProto[key] !== out) expProto[key] = out;\n  }\n};\n\nglobal.core =
core;\n// type bitmap\n$export.F = 1; // forced\n$export.G = 2; // global\n$export.S = 4; // static\n$export.P = 8;
// proto\n$export.B = 16; // bind\n$export.W = 32; // wrap\n$export.U = 64; // safe\n$export.R = 128; // real proto
method for `library`\nmodule.exports = $export;\n", "var ITERATOR = require('./_wks')('iterator');\nvar
SAFE_CLOSING = false;\n\ntry {\n  var riter = [7][ITERATOR]();\n  riter['return'] = function () {\n
SAFE_CLOSING = true; }; \n  // eslint-disable-next-line no-throw-literal\n  Array.from(riter, function () { throw 2;
});\n} catch (e) { /* empty */ }\n\nmodule.exports = function (exec, skipClosing) {\n  if (!skipClosing &&
!SAFE_CLOSING) return false;\n  var safe = false;\n  try {\n    var arr = [7];\n    var iter = arr[ITERATOR]();\n
iter.next = function () { return { done: safe = true }; }; \n    arr[ITERATOR] = function () { return iter; }; \n
exec(arr);\n  } catch (e) { /* empty */ }\n  return safe;\n};\n", "var isObject = require('./_is-object');\nvar
setPrototypeOf = require('./_set-proto').set;\n\nmodule.exports = function (that, target, C) {\n  var S =
target.constructor;\n  var P;\n  if (S !== C && typeof S === 'function' && (P = S.prototype) !== C.prototype &&
isObject(P) && setPrototypeOf) {\n    setPrototypeOf(that, P);\n  }\n  return that;\n};\n", "var listCacheClear =
require('./_listCacheClear'),\n  listCacheDelete = require('./_listCacheDelete'),\n  listCacheGet =
require('./_listCacheGet'),\n  listCacheHas = require('./_listCacheHas'),\n  listCacheSet =
require('./_listCacheSet');\n\n/**\n * Creates an list cache object.\n * @private\n * @constructor\n * @param
{Array} [entries] The key-value pairs to cache.\n */\nfunction ListCache(entries) {\n  var index = -1,\n  length =
entries == null ? 0 : entries.length;\n\n  this.clear();\n  while (++index < length) {\n    var entry = entries[index];\n
this.set(entry[0], entry[1]);\n  }\n}\n\n// Add methods to `ListCache`.\nListCache.prototype.clear =
listCacheClear;\nListCache.prototype['delete'] = listCacheDelete;\nListCache.prototype.get =
listCacheGet;\nListCache.prototype.has = listCacheHas;\nListCache.prototype.set =
listCacheSet;\n\nmodule.exports = ListCache;\n", "/* most Object methods by ES6 should accept primitives\nvar
$export = require('./_export');\nvar core = require('./_core');\nvar fails = require('./_fails');\nmodule.exports =

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function (KEY, exec) {\n  var fn = (core.Object || {})[KEY] || Object[KEY];\n  var exp = {};\n  exp[KEY] =
exec(fn);\n  $export($export.S + $export.F * fails(function () { fn(1); })), 'Object', exp);\n};\n\n", "var getNative =
require('./_getNative');\n\n/* Built-in method references that are verified to be native. */\nvar nativeCreate =
getNative(Object, 'create');\n\nmodule.exports = nativeCreate;\n\n", "var shared = require('./_shared')('keys');\nvar uid
= require('./_uid');\nmodule.exports = function (key) {\n  return shared[key] || (shared[key] = uid(key));\n};\n\n", "//
fallback for non-array-like ES3 and non-enumerable old V8 strings\nvar cof = require('./_cof');\n\n// eslint-disable-
next-line no-prototype-builtins\nmodule.exports = Object('z').propertyIsEnumerable(0) ? Object : function (it) {\n
return cof(it) === 'String' ? it.split("") : Object(it);\n};\n\n", "use strict";\n\nvar _undefined =
require("./function/noop");\n\n// Support ES3 engines\nmodule.exports = function (val) {\n  return (val !==
_undefined) && (val !== null);\n};\n\n", "module.exports = function (module) {\n  if (!module.webpackPolyfill)
{\n    module.deprecate = function () {};\n    module.paths = [];\n    module.parent = undefined by default\n    (!module.children) module.children = [];\n    Object.defineProperty(module, "loaded", {\n      enumerable:
true,\n      get: function () {\n        return module.l;\n      }\n    });\n    Object.defineProperty(module, "id",
{\n      enumerable: true,\n      get: function () {\n        return module.i;\n      }\n    });\n    module.webpackPolyfill =
1;\n  }\n  return module;\n};\n\n", "import mod from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--
8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/ImddbHeader.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export * from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!/ImddbHeader.vue?vue&type=style&index=0&lang=scss&\"", "var baseIsMatch =
require('./_baseIsMatch'),\n  getMatchData = require('./_getMatchData'),\n  matchesStrictComparable =
require('./_matchesStrictComparable');\n\n/**\n * The base implementation of `_.matches` which doesn't clone
`source`.\n * @private\n * @param {Object} source The object of property values to match.\n * @returns
{Function} Returns the new spec function.\n */\nfunction baseMatches(source) {\n  var matchData =
getMatchData(source);\n  if (matchData.length === 1 && matchData[0][2]) {\n    return
matchesStrictComparable(matchData[0][0], matchData[0][1]);\n  }\n  return function (object) {\n    return object ===
source || baseIsMatch(object, source, matchData);\n  };}\n\nmodule.exports = baseMatches;\n\n", "var castPath =
require('./_castPath'),\n  toKey = require('./_toKey');\n\n/**\n * The base implementation of `_.get` without support
for default values.\n * @private\n * @param {Object} object The object to query.\n * @param {Array|string}
path The path of the property to get.\n * @returns {*} Returns the resolved value.\n */\nfunction baseGet(object,
path) {\n  path = castPath(path, object);\n  var index = 0,\n      length = path.length;\n  while (object != null &&
index < length) {\n    object = object[toKey(path[index++])];\n  }\n  return (index && index === length) ? object :
undefined;\n}\n\nmodule.exports = baseGet;\n\n", "/*\n * A specialized version of `_.every` for arrays without
support for\n * iteratee shorthands.\n * @private\n * @param {Array} [array] The array to iterate over.\n *
@param {Function} predicate The function invoked per iteration.\n * @returns {boolean} Returns `true` if all
elements pass the predicate check,\n * else `false`.\n */\nfunction arrayEvery(array, predicate) {\n  var index = -1,\n
      length = array == null ? 0 : array.length;\n  while (++index < length) {\n    if (!predicate(array[index], index,
array)) {\n      return false;\n    }\n  }\n  return true;\n}\n\nmodule.exports = arrayEvery;\n\n", "/*\n * Checks if
`value` is classified as an `Array` object.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n
* @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an array, else `false`.\n
* @example\n * _._isArray([1, 2, 3]);\n * // => true\n * _._isArray(document.body.children);\n * // => false\n
* _._isArray('abc');\n * // => false\n * _._isArray(_.noop);\n * // => false\n */\nvar isArray =

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Array.isArray;\n\nmodule.exports = isArray;\n", "var assocIndexOf = require('./_assocIndexOf');\n\n/**\n * Sets the
list cache `key` to `value`.\n * @private\n * @name set\n * @memberOf ListCache\n * @param {string} key
The key of the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the list cache
instance.\n */\nfunction listCacheSet(key, value) {\n  var data = this.__data__,\n      index = assocIndexOf(data,\n  key);\n\n  if (index < 0) {\n    ++this.size;\n    data.push([key, value]);\n  } else {\n    data[index][1] = value;\n  }\n\n  return this;\n}\n\nmodule.exports = listCacheSet;\n", "/*\n  indexed object, toObject with fallback for non-array-like
ES3 strings\n */\nvar IObject = require('./_iobject');\nvar defined = require('./_defined');\nmodule.exports = function (it)
{\n  return IObject(defined(it));\n};\n", "var hasOwnProperty = {}.hasOwnProperty;\nmodule.exports = function (it,\n  key) {\n  return hasOwnProperty.call(it, key);\n};\n", "var assocIndexOf = require('./_assocIndexOf');\n\n/**\n  Used
for built-in method references. */\nvar arrayProto = Array.prototype;\n\n/**\n  Built-in value references. */\nvar splice
= arrayProto.splice;\n\n/**\n * Removes `key` and its value from the list cache.\n * @private\n * @name
delete\n * @memberOf ListCache\n * @param {string} key The key of the value to remove.\n * @returns
{boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction listCacheDelete(key) {\n  var data =
this.__data__,\n      index = assocIndexOf(data, key);\n\n  if (index < 0) {\n    return false;\n  }\n\n  var lastIndex =
data.length - 1;\n  if (index == lastIndex) {\n    data.pop();\n  } else {\n    splice.call(data, index, 1);\n  }\n\n  --
this.size;\n  return true;\n}\n\nmodule.exports = listCacheDelete;\n", "var arrayMap = require('./_arrayMap'),\n  baseIteratee
= require('./_baseIteratee'),\n  baseMap = require('./_baseMap'),\n  baseSortBy =\n  require('./_baseSortBy'),\n  baseUnary = require('./_baseUnary'),\n  compareMultiple =\n  require('./_compareMultiple'),\n  identity = require('./_identity');\n\n/**\n * The base implementation of `_.orderBy`
without param guards.\n * @private\n * @param {Array|Object} collection The collection to iterate over.\n *
@param {Function[]|Object[]|string[]} iteratees The iteratees to sort by.\n * @param {string[]} orders The sort
orders of `iteratees`.\n * @returns {Array} Returns the new sorted array.\n */\nfunction baseOrderBy(collection,\n  iteratees,\n  orders) {\n  var index = -1;\n  iteratees = arrayMap(iteratees.length ? iteratees : [identity],\n  baseUnary(baseIteratee));\n\n  var result = baseMap(collection, function(value, key, collection) {\n    var criteria =
arrayMap(iteratees, function(iteratee) {\n      return iteratee(value);\n    });\n    return { 'criteria': criteria, 'index':
++index, 'value': value }; \n  });\n\n  return baseSortBy(result, function(object, other) {\n    return
compareMultiple(object, other, orders);\n  });\n}\n\nmodule.exports = baseOrderBy;\n", "/*\n  7.1.1 ToPrimitive(input [,
PreferredType])\n */\nvar isObject = require('./_is-object');\n\n// instead of the ES6 spec version, we didn't implement
@@toPrimitive case\n// and the second argument - flag - preferred type is a string\nmodule.exports = function (it, S)
{\n  if (!isObject(it)) return it;\n  var fn, val;\n  if (S && typeof (fn = it.toString) == 'function' && !isObject(val =
fn.call(it))) return val;\n  if (typeof (fn = it.valueOf) == 'function' && !isObject(val = fn.call(it))) return val;\n  if (!S
&& typeof (fn = it.toString) == 'function' && !isObject(val = fn.call(it))) return val;\n  throw TypeError("Can't
convert object to primitive value");\n};\n", "/*\n * A specialized version of `_.reduce` for arrays without support
for\n * iteratee shorthands.\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param
{Function} iteratee The function invoked per iteration.\n * @param {*} [accumulator] The initial value.\n *
@param {boolean} [initAccum] Specify using the first element of `array` as\n * the initial value.\n * @returns {*}
Returns the accumulated value.\n */\nfunction arrayReduce(array, iteratee, accumulator, initAccum) {\n  var index =
-1,\n      length = array == null ? 0 : array.length;\n\n  if (initAccum && length) {\n    accumulator =
array[++index];\n  }\n\n  while (++index < length) {\n    accumulator = iteratee(accumulator, array[index], index,\n  array);\n  }\n\n  return accumulator;\n}\n\nmodule.exports = arrayReduce;\n", "use
strict";\nrequire('./es6.regexp.flags');\nvar anObject = require('./_an-object');\nvar $flags = require('./_flags');\nvar
DESCRIPTORS = require('./_descriptors');\nvar TO_STRING = 'toString';\nvar $toString =\n  /.[TO_STRING];\n\nvar define = function (fn) {\n  require('./_redefine')(RegExp.prototype, TO_STRING, fn,\n  true);\n};\n\n// 21.2.5.14 RegExp.prototype.toString()\nif (require('./_fails')(function () { return $toString.call({\n  source: 'a', flags: 'b' }) != '/a/b/; })) {\n  define(function toString() {\n    var R = anObject(this);\n    return
'/' + R.source + '/',\n    'flags' in R ? R.flags : !DESCRIPTORS && R instanceof RegExp ? $flags.call(R) :\n    undefined);\n  });\n\n// FF44- RegExp#toString has a wrong name\n} else if ($toString.name != TO_STRING) {\n  define(function toString() {\n    return $toString.call(this);\n  });\n}\n", "use strict";\nObject.defineProperty(exports,\n
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'__esModule', { value: true });\nvar prefix = 'fab';\nvar iconName = 'twitter';\nvar width = 512;\nvar height =
512;\nvar ligatures = [];\nvar unicode = 'f099';\nvar svgPathData = 'M459.37 151.716c.325 4.548.325 9.097.325
13.645 0 138.72-105.583 298.558-298.558 298.558-59.452 0-114.68-17.219-161.137-47.106 8.447.974 16.568
1.299 25.34 1.299 49.055 0 94.213-16.568 130.274-44.832-46.132-975-84.792-31.188-98.112-72.772 6.498.974
12.995 1.624 19.818 1.624 9.421 0 18.843-1.3 27.614-3.573-48.081-9.747-84.143-51.98-84.143-102.985v-
1.299c13.969 7.797 30.214 12.67 47.431 13.319-28.264-18.843-46.781-51.005-46.781-87.391 0-19.492 5.197-
37.36 14.294-52.954 51.655 63.675 129.3 105.258 216.365 109.807-1.624-7.797-2.599-15.918-2.599-24.04 0-
57.828 46.782-104.934 104.934-104.934 30.213 0 57.502 12.67 76.67 33.137 23.715-4.548 46.456-13.32 66.599-
25.34-7.798 24.366-24.366 44.833-46.132 57.827 21.117-2.273 41.584-8.122 60.426-16.243-14.292 20.791-32.161
39.308-52.628 54.253z';\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n    width,\n  height,\n  ligatures,\n  unicode,\n  svgPathData\n  ]};\n\nexports.faTwitter = exports.definition;\nexports.prefix =
prefix;\nexports.iconName = iconName;\nexports.width = width;\nexports.height = height;\nexports.ligatures =
ligatures;\nexports.unicode = unicode;\nexports.svgPathData = svgPathData;","var arrayEach =
require('./_arrayEach'),\n  baseEach = require('./_baseEach'),\n  castFunction = require('./_castFunction'),\n  isArray = require('./isArray');\n\n/**\n * Iterates over elements of `collection` and invokes `iteratee` for each
element.\n * The iteratee is invoked with three arguments: (value, index|key, collection).\n * Iteratee functions may
exit iteration early by explicitly returning `false`.\n * *\n * **Note:** As with other `Collections` methods, objects
with a `length` property are iterated like arrays. To avoid this behavior use `_.forIn` or `_.forOwn` for
object iteration.\n * *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @alias each\n * @category Collection\n *
@param {Array|Object} collection The collection to iterate over.\n * @param {Function} [iteratee=_identity] The
function invoked per iteration.\n * @returns {Array|Object} Returns `collection`.\n * @see _.forEachRight\n *
@example\n *\n * _forEach([1, 2], function(value) {\n *   console.log(value);\n * });\n * // => Logs `1` then `2`.\n
*\n * _forEach({ 'a': 1, 'b': 2 }, function(value, key) {\n *   console.log(key);\n * });\n * // => Logs 'a' then 'b'
(iteration order is not guaranteed).\n */\nfunction forEach(collection, iteratee) {\n  var func = isArray(collection) ?
arrayEach : baseEach;\n  return func(collection, castFunction(iteratee));\n}\n\nmodule.exports = forEach;\n","//
extracted by mini-css-extract-plugin","import mod from \"-!../node_modules/mini-css-extract-
plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-
1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--
8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./DonateForm.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export * from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./DonateForm.vue?vue&type=style&index=0&lang=scss&\"","var baseTimes = require('./_baseTimes'),\n
isArrayArguments = require('./isArrayArguments'),\n  isArray = require('./isArray'),\n  isBuffer = require('./isBuffer'),\n
isIndex = require('./isIndex'),\n  isArrayTypedArray = require('./isArrayTypedArray');\n\n/** Used for built-in method
references. *\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties. *\nvar
hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Creates an array of the enumerable property names of
the array-like `value`.\n * *\n * @private\n * @param {*} value The value to query.\n * @param {boolean} inherited
Specify returning inherited property names.\n * @returns {Array} Returns the array of property names.\n
*\n */\nfunction arrayLikeKeys(value, inherited) {\n  var isArr = isArray(value),\n    isArg = !isArr &&
isArrayArguments(value),\n    isBuff = !isArr && !isArg && isBuffer(value),\n    isType = !isArr && !isArg &&
!isBuff && isTypedArray(value),\n    skipIndexes = isArr || isArg || isBuff || isType,\n    result = skipIndexes ?
baseTimes(value.length, String) : [],\n    length = result.length;\n\n  for (var key in value) {\n    if ((inherited ||
hasOwnProperty.call(value, key)) && \n      !(skipIndexes && (\n        // Safari 9 has enumerable

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`arguments.length` in strict mode.\n      key === 'length' ||\n      // Node.js 0.10 has enumerable non-index
properties on buffers.\n      (isBuff && (key === 'offset' || key === 'parent')) ||\n      // PhantomJS 2 has
enumerable non-index properties on typed arrays.\n      (isType && (key === 'buffer' || key === 'byteLength' || key
=== 'byteOffset')) ||\n      // Skip index properties.\n      isIndex(key, length)\n    )) {\n      result.push(key);\n    }\n  }\n  return result;\n}\n\nmodule.exports = arrayLikeKeys;\n", "// extracted by mini-css-extract-plugin", "var
createBaseFor = require('./_createBaseFor');\n\n/**\n * The base implementation of `baseForOwn` which iterates
over `object`\n * properties returned by `keysFunc` and invokes `iteratee` for each property.\n * Iteratee functions
may exit iteration early by explicitly returning `false`.\n * \n * @private\n * @param {Object} object The object to
iterate over.\n * @param {Function} iteratee The function invoked per iteration.\n * @param {Function} keysFunc
The function to get the keys of `object`.\n * @returns {Object} Returns `object`.\n * \n * \n *\n */\nfunction createBaseFor(object, iteratee, keysFunc) {\n  let result = {};\n  let next = keysFunc(object);\n  while (next && !iteratee(next, object, object)) {\n    next = next();\n  }\n  return result;\n}\n\nmodule.exports = createBaseFor;\n", "**\n * Creates a function that returns `value`.\n * \n * @static\n * @memberOf _\n * @since 2.4.0\n * @category Util\n * @param {*} value The value to return from the new
function.\n * @returns {Function} Returns the new constant function.\n * @example\n * \n * var objects =
_.times(2, _constant({ 'a': 1 }));\n * \n * console.log(objects);\n * // => [{ 'a': 1 }, { 'a': 1 }]\n * \n *
console.log(objects[0] === objects[1]);\n * // => true\n * \n * \n */\nfunction constant(value) {\n  return function() {\n
return value;\n  };\n}\n\nmodule.exports = constant;\n", "use strict";\n// 19.1.2.1 Object.assign(target, source, ...)\nvar
getKeys = require('./_object-keys');\nvar gOPS = require('./_object-gops');\nvar pIE = require('./_object-pie');\nvar
toObject = require('./_to-object');\nvar IObject = require('./_iobject');\nvar $assign = Object.assign;\n\n// should
work with symbols and should have deterministic property order (V8 bug)\nmodule.exports = !$assign ||\nrequire('./_fails')(function () {\n  var A = {};\n  var B = {};\n  // eslint-disable-next-line no-undef\n  var S =
Symbol();\n  var K = 'abcdefghijklmnopqrst';\n  A[S] = 7;\n  K.split('').forEach(function (k) { B[k] = k; });\n  return
$assign({}, A)[S] !== 7 || Object.keys($assign({}, B)).join("") !== K;\n}) ? function assign(target, source) { // eslint-
disable-line no-unused-vars\n  var T = toObject(target);\n  var aLen = arguments.length;\n  var index = 1;\n  var
getSymbols = gOPS.f;\n  var isEnum = pIE.f;\n  while (aLen > index) {\n    var S = IObject(arguments[index++]);\n    var
keys = getSymbols ? getKeys(S).concat(getSymbols(S)) : getKeys(S);\n    var length = keys.length;\n    var j =
0;\n    var key;\n    while (length > j) if (isEnum.call(S, key = keys[j++])) T[key] = S[key];\n  }\n  return T;\n} :
$assign;\n", "\"use strict\";\n\nvar isValue = require(\"../is-value\");\n\nvar keys = Object.keys;\n\nmodule.exports =
function (object) {\n  return keys(isValue(object) ? Object(object) : object);\n};\n", "var baseIsTypedArray =
require('./_baseIsTypedArray'),\n  baseUnary = require('./_baseUnary'),\n  nodeUtil = require('./_nodeUtil');\n\n/*
Node.js helper references. */\nvar nodeIsTypedArray = nodeUtil && nodeUtil.isTypedArray;\n\n/**\n * Checks if
`value` is classified as a typed array.\n * \n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Lang\n *
@param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else
`false`.\n * @example\n * \n * _.isTypedArray(new Uint8Array);\n * // => true\n * \n * _.isTypedArray([]);\n * // =>
false\n * \n * \n */\nvar isTypedArray = nodeIsTypedArray ? baseUnary(nodeIsTypedArray) :\nbaseIsTypedArray;\n\nmodule.exports = isTypedArray;\n", "import mod from \"-!../node_modules/mini-css-
extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-
1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--
8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&\"; export
default mod; export * from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-
0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&\", \"var
baseGetTag = require('./_baseGetTag'),\n  isLength = require('./isLength'),\n  isObjectLike =
require('./isObjectLike');\n\n/**\n * `Object#toString` result references. */\nvar argsTag = '[object Arguments]',\n

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arrayTag = '[object Array]',\n  boolTag = '[object Boolean]',\n  dateTag = '[object Date]',\n  errorTag = '[object Error]',\n  funcTag = '[object Function]',\n  mapTag = '[object Map]',\n  numberTag = '[object Number]',\n  objectTag = '[object Object]',\n  regexpTag = '[object RegExp]',\n  setTag = '[object Set]',\n  stringTag = '[object String]',\n  weakMapTag = '[object WeakMap]';\n\nvar arrayBufferTag = '[object ArrayBuffer]',\n  dataViewTag = '[object DataView]',\n  float32Tag = '[object Float32Array]',\n  float64Tag = '[object Float64Array]',\n  int8Tag = '[object Int8Array]',\n  int16Tag = '[object Int16Array]',\n  int32Tag = '[object Int32Array]',\n  uint8Tag = '[object Uint8Array]',\n  uint8ClampedTag = '[object Uint8ClampedArray]',\n  uint16Tag = '[object Uint16Array]',\n  uint32Tag = '[object Uint32Array]';\n\n/** Used to identify `toStringTag` values of typed arrays.
*/\nvar typedArrayTags = {};\ntypedArrayTags[float32Tag] = typedArrayTags[float64Tag]
=\ntypedArrayTags[int8Tag] = typedArrayTags[int16Tag] =\ntypedArrayTags[int32Tag] =
typedArrayTags[uint8Tag] =\ntypedArrayTags[uint8ClampedTag] = typedArrayTags[uint16Tag]
=\ntypedArrayTags[uint32Tag] = true;\ntypedArrayTags[argsTag] = typedArrayTags[arrayTag]
=\ntypedArrayTags[arrayBufferTag] = typedArrayTags[boolTag] =\ntypedArrayTags[dataViewTag] =
typedArrayTags[dateTag] =\ntypedArrayTags[errorTag] = typedArrayTags[funcTag] =\ntypedArrayTags[mapTag]
= typedArrayTags[numberTag] =\ntypedArrayTags[objectTag] = typedArrayTags[regexpTag]
=\ntypedArrayTags[setTag] = typedArrayTags[stringTag] =\ntypedArrayTags[weakMapTag] = false;\n\n/**
The base implementation of `_.isArray` without Node.js optimizations.
*/\n * @private\n * @param {*}
value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else `false`.
*/\nfunction baseIsTypedArray(value) {\n  return isObjectLike(value) &&\n    isArrayLike(value) &&\n    !!typedArrayTags[baseGetTag(value)];\n}\n\nmodule.exports = baseIsTypedArray;\n\nvar baseToString =
require('./_baseToString');\n\n/**\n * Converts `value` to a string. An empty string is returned for `null` and
`undefined` values. The sign of `-0` is preserved.
*/\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to convert.\n * @returns {string} Returns the converted string.
*/\n * @example\n * _._.toString(null);\n * // => ""\n * _._.toString(-0);\n * // => "-0"\n * _._.toString([1, 2, 3]);\n * // => "1,2,3"\n */\nfunction toString(value) {\n  return value == null ? '' : baseToString(value);\n}\n\nmodule.exports =
toString;\n\n/**\n * https://github.com/zloirock/core-js/issues/86#issuecomment-115759028\n */\nvar global =
module.exports = typeof window != 'undefined' && window.Math == Math\n  ? window : typeof self != 'undefined' && self.Math == Math\n  ? self : Function('return this')();\n\nif (typeof __g == 'number') __g = global;\n\n/**\n * Built-in method references that are verified to be native.
*/\nvar Map =
getNative(root, 'Map');\n\nmodule.exports = Map;\n\nmodule.exports = function (exec) {\n  try {\n    return
!!exec();\n  } catch (e) {\n    return true;\n  }\n};\n\nvar nativeCreate = require('./_nativeCreate');\n\n/**\n * Used for built-in method references.
*/\nvar objectProto = Object.prototype;\n\n/**\n * Used to check objects for own properties.
*/\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Checks if a hash value for `key` exists.
*/\n * @private\n * @name has\n * @memberOf Hash\n * @param {string} key The key of the entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.
*/\nfunction hashHas(key) {\n  var data = this.__data__;\n  return nativeCreate ? (data[key] !== undefined) : hasOwnProperty.call(data, key);\n}\n\nmodule.exports = hashHas;\n\n(function (global, factory) {\n  if (typeof exports === 'object' && typeof module !== 'undefined') factory(exports, require('@fortawesome/fontawesome'));
  else if (typeof define === 'function' && define.amd) define(['exports', '@fortawesome/fontawesome'], factory);\n  else (factory((global['vue-fontawesome'] || {}), global.FontAwesome));\n}(this, (function (exports, fontawesome) { 'use strict';\nfontawesome =

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"normal", result.value);
} catch (err) {
  settle("throw", err);
}
function
settle(type, value) {
  switch (type) {
    case "return":
      front.resolve({
        value: value,
        done: true
      });
      break;
    case "throw":
      front.reject(value);
      break;
    default:
      front.resolve({
        value: value,
        done: false
      });
      break;
  }
  front = front.next();
  if (front) {
    resume(front.key, front.arg);
  } else {
    back = null;
  }
}
this._invoke = send;
if (typeof gen.return !== "function") {
  this.return = undefined;
}
if (typeof Symbol === "function" && Symbol.asyncIterator) {
  AsyncGenerator.prototype[Symbol.asyncIterator] = function () {
    return this;
  };
}
AsyncGenerator.prototype.next = function (arg) {
  return this._invoke("next", arg);
};
AsyncGenerator.prototype.throw = function (arg) {
  return this._invoke("throw", arg);
};
AsyncGenerator.prototype.return = function (arg) {
  return this._invoke("return", arg);
};
return {
  wrap: function (fn) {
    return function () {
      return new AsyncGenerator(fn.apply(this, arguments));
    };
  },
  await: function (value) {
    return new AwaitValue(value);
  }
};
};
var defineProperty = function (obj, key, value) {
  if (key in obj) {
    Object.defineProperty(obj, key, {
      value: value,
      enumerable: true,
      configurable: true,
      writable: true
    });
  } else {
    obj[key] = value;
  }
  return obj;
};
var _extends = Object.assign || function (target) {
  for (var i = 1; i < arguments.length; i++) {
    var source = arguments[i];
    for (var key in source) {
      if (Object.prototype.hasOwnProperty.call(source, key)) {
        target[key] = source[key];
      }
    }
  }
  return target;
};
var objectWithoutProperties = function (obj, keys) {
  var target = {};
  for (var i in obj) {
    if (keys.indexOf(i) >= 0) continue;
    if (!Object.prototype.hasOwnProperty.call(obj, i)) target[i] = obj[i];
  }
  return target;
};
var toConsumableArray = function (arr) {
  if (Array.isArray(arr)) {
    for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];
    return arr2;
  } else {
    return Array.from(arr);
  }
};
function styleToObject(style) {
  return style.split(';').map(function (s) {
    return s.trim();
  }).filter(function (s) {
    return s;
  }).reduce(function (acc, pair) {
    var i = pair.indexOf(':');
    var prop = humps.camelize(pair.slice(0, i));
    var value = pair.slice(i + 1).trim();
    acc[prop] = value;
    return acc;
  }, {});
}
function classToObject(cls) {
  return cls.split(/\s+/).reduce(function (acc, c) {
    acc[c] = true;
    return acc;
  }, {});
}
function combineClassObjects() {
  for (var _len = arguments.length, objs = Array(_len), _key = 0; _key < _len; _key++) {
    objs[_key] = arguments[_key];
  }
  return objs.reduce(function (acc, obj) {
    if (Array.isArray(obj)) {
      acc = acc.concat(obj);
    } else {
      acc.push(obj);
    }
    return acc;
  }, []);
}
function convert(h, element) {
  var props = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : {};
  var data = arguments.length > 3 && arguments[3] !== undefined ? arguments[3] : {};
  var children = (element.children || []).map(convert.bind(null, h));
  var mixins = Object.keys(element.attributes || {}).reduce(function (acc, key) {
    var val = element.attributes[key];
    switch (key) {
      case 'class':
        acc['class'] = classToObject(val);
        break;
      case 'style':
        acc['style'] = styleToObject(val);
        break;
      default:
        acc.attrs[key] = val;
    }
    return acc;
  }, { 'class': {}, style: {}, attrs: {} });
  var _data$class = data.class,
      dClass = _data$class === undefined ? {} : _data$class,
      _data$style = data.style,
      dStyle = _data$style === undefined ? {} : _data$style,
      _data$attrs = data.attrs,
      dAttrs = _data$attrs === undefined ? {} : _data$attrs,
      remainingData = objectWithoutProperties(data, ['class', 'style', 'attrs']);
  if (typeof element === 'string') {
    return element;
  } else {
    return h(element.tag, _extends({
      class: combineClassObjects(mixins.class, dClass),
      style: _extends({}, mixins.style, dStyle),
      attrs: _extends({}, mixins.attrs, dAttrs)
    }, remainingData, {
      props: props,
      children: children
    }));
  }
}
var PRODUCTION = false;
if (PRODUCTION = process.env.NODE_ENV === 'production') {
}
var log = function () {
  if (!PRODUCTION && console && typeof console.error === 'function') {
    var _console;
    (_console = console).error.apply(_console, arguments);
  }
}
function objectWithKey(key, value) {
  return Array.isArray(value) && value.length > 0 || !Array.isArray(value) && value ? defineProperty({}, key, value) : {};
}
function classList(props) {
  var _classes;
  var classes = (_classes = {
    'fa-spin': props.spin,
    'fa-

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pulse': props.pulse,\n  'fa-fw': props.fixedWidth,\n  'fa-border': props.border,\n  'fa-li': props.listItem,\n  'fa-flip-
horizontal': props.flip === 'horizontal' || props.flip === 'both',\n  'fa-flip-vertical': props.flip === 'vertical' ||
props.flip === 'both'\n }, defineProperty(_classes, 'fa-' + props.size, props.size !== null), defineProperty(_classes,
'fa-rotate-' + props.rotation, props.rotation !== null), defineProperty(_classes, 'fa-pull-' + props.pull, props.pull !==
null), _classes);\n\n return Object.keys(classes).map(function (key) {\n  return classes[key] ? key : null;\n
}).filter(function (key) {\n  return key;\n });\n\n\nfunction addStaticClass(to, what) {\n  var val = (to || '').length
=== 0 ? [] : [to];\n\n return val.concat(what).join(' ');\n\n\nfunction normalizeIconArgs(icon) {\n  if (icon ===
null) {\n  return null;\n  }\n\n  if ((typeof icon === 'undefined' ? 'undefined' : _typeof(icon)) === 'object' &&
icon.prefix && icon.iconName) {\n  return icon;\n  }\n\n  if (Array.isArray(icon) && icon.length === 2) {\n
return { prefix: icon[0], iconName: icon[1] };\n  }\n\n  if (typeof icon === 'string') {\n  return { prefix: 'fa',
iconName: icon };\n  }\n}\n\n\nvar FontAwesomeIcon$1 = {\n  name: 'FontAwesomeIcon',\n\n  functional: true,\n\n  props: {\n  border: {\n  type: Boolean,\n  default: false\n },\n  fixedWidth: {\n  type: Boolean,\n
default: false\n },\n  flip: {\n  type: String,\n  default: null,\n  validator: function validator(value) {\n
return ['horizontal', 'vertical', 'both'].indexOf(value) > -1;\n  }\n },\n  icon: {\n  type: [Object, Array,
String],\n  required: true\n },\n  mask: {\n  type: [Object, Array, String],\n  default: null\n },\n  listItem:
{\n  type: Boolean,\n  default: false\n },\n  pull: {\n  type: String,\n  default: null,\n  validator:
function validator(value) {\n  return ['right', 'left'].indexOf(value) > -1;\n  }\n },\n  pulse: {\n  type:
Boolean,\n  default: false\n },\n  rotation: {\n  type: Number,\n  default: null,\n  validator: function
validator(value) {\n  return [90, 180, 270].indexOf(value) > -1;\n  }\n },\n  size: {\n  type: String,\n
default: null,\n  validator: function validator(value) {\n  return ['lg', 'xs', 'sm', '1x', '2x', '3x', '4x', '5x', '6x', '7x',
'8x', '9x', '10x'].indexOf(value) > -1;\n  }\n },\n  spin: {\n  type: Boolean,\n  default: false\n },\n
transform: {\n  type: [String, Object],\n  default: null\n },\n  symbol: {\n  type: [Boolean, String],\n
default: false\n }\n },\n\n  render: function render(createElement, context) {\n  var props = context.props;\n  var
iconArgs = props.icon,\n  maskArgs = props.mask,\n  symbol = props.symbol;\n\n  var icon =
normalizeIconArgs(iconArgs);\n  var classes = objectWithKey('classes', classList(props));\n  var transform =
objectWithKey('transform', typeof props.transform === 'string' ? fontawesome.parse.transform(props.transform) :
props.transform);\n  var mask = objectWithKey('mask', normalizeIconArgs(maskArgs));\n  var renderedIcon =
fontawesome.icon(icon, _extends({}, classes, transform, mask, { symbol: symbol }));\n\n  if (!renderedIcon) {\n
return log('Check not find one or more icon(s)', icon, mask);\n  }\n\n  var abstract = renderedIcon.abstract;\n\n
var convertCurry = convert.bind(null, createElement);\n\n  return convertCurry(abstract[0], {}, context.data);\n
}\n}\n\n\nvar FontAwesomeLayers = {\n  name: 'FontAwesomeLayers',\n\n  functional: true,\n\n  props: {\n  fixedWidth: {\n  type: Boolean,\n
default: false\n }\n },\n\n  render: function render(createElement, context)
{\n  var familyPrefix = fontawesome.config.familyPrefix;\n  var staticClass = context.data.staticClass;\n\n\n  var
classes = [familyPrefix + '-layers'].concat(toConsumableArray(context.props.fixedWidth ? [familyPrefix + '-fw'] :
[]));\n\n  return createElement('div', _extends({}, context.data, {\n  staticClass: addStaticClass(staticClass,
classes)\n }), context.children);\n }\n}\n\n\nvar FontAwesomeLayersText = {\n  name:
'FontAwesomeLayersText',\n\n  functional: true,\n\n  props: {\n  value: {\n  type: String,\n  default: "\n },\n
transform: {\n  type: [String, Object],\n  default: null\n }\n },\n\n  render: function render(createElement,
context) {\n  var props = context.props;\n\n  var transform = objectWithKey('transform', typeof props.transform
=== 'string' ? fontawesome.parse.transform(props.transform) : props.transform);\n\n  var renderedText =
fontawesome.text(props.value, _extends({}, transform));\n\n  var abstract = renderedText.abstract;\n\n\n  var
convertCurry = convert.bind(null, createElement);\n\n  return convertCurry(abstract[0], {}, context.data);\n
}\n}\n\n\nfontawesome.noAuto();\n\n\nexports['default'] = FontAwesomeIcon$1;\n\nexports.FontAwesomeIcon =
FontAwesomeIcon$1;\n\nexports.FontAwesomeLayers = FontAwesomeLayers;\n\nexports.FontAwesomeLayersText =
FontAwesomeLayersText;\n\n\nObject.defineProperty(exports, '__esModule', { value: true });\n\n\n\n\n";\n\n"use
strict";\n\nvar global = require('./_global');\n\nvar dP = require('./_object-dp');\n\nvar DESCRIPTORS =
require('./_descriptors');\n\nvar SPECIES = require('./_wks')('species');\n\n\nmodule.exports = function (KEY) {\n  var
C = global[KEY];\n  if (DESCRIPTORS && C && !C[SPECIES]) dP.f(C, SPECIES, {\n  configurable: true,\n

```

```

get: function () { return this; }
});
";
"var mapCacheClear = require('./_mapCacheClear'),
mapCacheDelete = require('./_mapCacheDelete'),
mapCacheGet = require('./_mapCacheGet'),
mapCacheHas = require('./_mapCacheHas'),
mapCacheSet = require('./_mapCacheSet');
/**
 * Creates a map cache object to store key-value pairs.
 * @private
 * @constructor
 * @param {Array} [entries] The key-value pairs to cache.
 */
function MapCache(entries) {
  var index = -1,
      length = entries == null ? 0 : entries.length;

  this.clear();
  while (++index < length) {
    var entry = entries[index];
    this.set(entry[0], entry[1]);
  }
}

// Add methods to `MapCache`.
MapCache.prototype.clear = mapCacheClear;
MapCache.prototype['delete'] = mapCacheDelete;
MapCache.prototype.get = mapCacheGet;
MapCache.prototype.has = mapCacheHas;
MapCache.prototype.set = mapCacheSet;

module.exports = MapCache;

", "var Stack = require('./_Stack'),
equalArrays = require('./_equalArrays'),
equalByTag = require('./_equalByTag'),
equalObjects = require('./_equalObjects'),
getTag = require('./_getTag'),
isArray = require('./isArray'),
isBuffer = require('./isBuffer'),
isTypedArray = require('./isTypedArray');
/**
 * Used to compose bitmasks for value comparisons.
 */
var COMPARE_PARTIAL_FLAG = 1;
/**
 * Object#toString` result references.
 */
var argsTag = '[object Arguments]',
    arrayTag = '[object Array]',
    objectTag = '[object Object]';
/**
 * Used for built-in method references.
 */
var objectProto = Object.prototype;
/**
 * Used to check objects for own properties.
 */
var hasOwnProperty = objectProto.hasOwnProperty;
/**
 * A specialized version of `baseIsEqual` for arrays and objects which performs
 * deep comparisons and tracks traversed objects enabling objects with circular
 * references to be compared.
 * @private
 * @param {Object} object The object to compare.
 * @param {Object} other The other object to compare.
 * @param {number} bitmask The bitmask flags. See `baseIsEqual` for more details.
 * @param {Function} customizer The function to customize comparisons.
 * @param {Function} equalFunc The function to determine equivalents of values.
 * @param {Object} [stack] Tracks traversed `object` and `other` objects.
 * @returns {boolean} Returns `true` if the objects are equivalent, else `false`.
 */
function baseIsEqualDeep(object, other, bitmask, customizer, equalFunc, stack) {
  var objIsArr = isArray(object),
      othIsArr = isArray(other),
      objTag = objIsArr ? arrayTag : getTag(object),
      othTag = othIsArr ? arrayTag : getTag(other);

  objTag = objTag == argsTag ? objectTag : objTag;
  othTag = othTag == argsTag ? objectTag : othTag;

  var objIsObj = objTag == objectTag,
      othIsObj = othTag == objectTag,
      isSameTag = objTag == othTag;

  if (isSameTag && isBuffer(object)) {
    if (!isBuffer(other)) {
      return false;
    }
    objIsArr = true;
    objIsObj = false;
  }
  if (isSameTag && !objIsObj) {
    stack || (stack = new Stack);
    return (objIsArr || isTypedArray(object))
      ? equalArrays(object, other, bitmask, customizer, equalFunc, stack)
      : equalByTag(object, other, objTag, bitmask, customizer, equalFunc, stack);
  }
  if (!(bitmask & COMPARE_PARTIAL_FLAG)) {
    var objIsWrapped = objIsObj && hasOwnProperty.call(object, '__wrapped__'),
        othIsWrapped = othIsObj && hasOwnProperty.call(other, '__wrapped__');

    if (objIsWrapped || othIsWrapped) {
      var objUnwrapped = objIsWrapped ? object.value() : object,
          othUnwrapped = othIsWrapped ? other.value() : other;

      stack || (stack = new Stack);
      return equalFunc(objUnwrapped, othUnwrapped, bitmask, customizer, stack);
    }
  }
  if (!isSameTag) {
    return false;
  }
  stack || (stack = new Stack);
  return equalObjects(object, other, bitmask, customizer, equalFunc, stack);
}

module.exports = baseIsEqualDeep;

", "use strict";
module.exports = require('./is-implemented')() ? Object.keys : require('./shim');
"var Hash = require('./_Hash'),
ListCache = require('./_ListCache'),
Map = require('./_Map');
/**
 * Removes all key-value entries from the map.
 * @private
 * @name clear
 * @memberOf MapCache
 */
function mapCacheClear() {
  this.size = 0;
  this.__data__ = {
    'hash': new Hash,
    'map': new (Map || ListCache),
    'string': new Hash
  };
}

module.exports = mapCacheClear;

", "var arrayPush = require('./_arrayPush'),
isArray = require('./isArray');
/**
 * The base implementation of `getAllKeys` and `getAllKeysIn` which uses
 * `keysFunc` and `symbolsFunc` to get the enumerable property names and
 * symbols of `object`.
 * @private
 * @param {Object} object The object to query.
 * @param {Function} keysFunc The function to get the keys of `object`.
 * @param {Function} symbolsFunc The function to get the symbols of `object`.
 * @returns {Array} Returns the array of property names and symbols.
 */
function baseGetAllKeys(object, keysFunc, symbolsFunc) {
  var result = keysFunc(object);
  return isArray(object) ? result : arrayPush(result,

```



```

else if (Promise && Promise.resolve) {\n // Promise.resolve without an argument throws an error in LG WebOS
2\n var promise = Promise.resolve(undefined);\n notify = function () {\n promise.then(flush);\n }; \n // for
other environments - macrotask based on:\n // - setImmediate\n // - MessageChannel\n // - window.postMessage\n
// - onreadystatechange\n // - setTimeout\n } else {\n notify = function () {\n // strange IE + webpack dev
server bug - use .call(global)\n macrotask.call(global, flush);\n }; \n }\n\n return function (fn) {\n var task = {
fn: fn, next: undefined }; \n if (last) last.next = task;\n if (!head) {\n head = task;\n notify(); \n } last =
task;\n }; \n}; \n", "var core = module.exports = { version: '2.5.7' }; \nif (typeof __e === 'number') __e = core; // eslint-
disable-line no-undef\n", "module.exports = { }; \n", "/*\n * A faster alternative to `Function#apply`, this function
invokes `func`\n * with the `this` binding of `thisArg` and the arguments of `args`.\n * \n * @private\n * @param
{Function} func The function to invoke.\n * @param {*} thisArg The `this` binding of `func`.\n * @param {Array}
args The arguments to invoke `func` with.\n * @returns {*} Returns the result of `func`.\n */\nfunction apply(func,
thisArg, args) {\n switch (args.length) {\n case 0: return func.call(thisArg);\n case 1: return func.call(thisArg,
args[0]);\n case 2: return func.call(thisArg, args[0], args[1]);\n case 3: return func.call(thisArg, args[0], args[1],
args[2]);\n } \n return func.apply(thisArg, args); \n}\n\nmodule.exports = apply; \n", "var baseHasIn =
require('./_baseHasIn'),\n hasPath = require('./_hasPath'); \n\n/*\n * Checks if `path` is a direct or inherited
property of `object`.\n * \n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Object\n * @param
{Object} object The object to query.\n * @param {Array|string} path The path to check.\n * @returns {boolean}
Returns `true` if `path` exists, else `false`.\n * @example\n * \n * var object = _._create({ 'a': _._create({ 'b': 2 }) });\n
*\n * _._hasIn(object, 'a'); \n * // => true\n * _._hasIn(object, 'a.b'); \n * // => true\n * _._hasIn(object, ['a', 'b']);\n
*\n * // => true\n * _._hasIn(object, 'b'); \n * // => false\n */\nfunction hasIn(object, path) {\n return object != null
&& hasPath(object, path, baseHasIn); \n}\n\nmodule.exports = hasIn; \n", "var anObject = require('./_an-object'); \nvar
IE8_DOM_DEFINE = require('./_ie8-dom-define'); \nvar toPrimitive = require('./_to-primitive'); \nvar dP =
Object.defineProperty; \n\nexports.f = require('./_descriptors') ? Object.defineProperty : function defineProperty(O,
P, Attributes) {\n anObject(O);\n P = toPrimitive(P, true);\n anObject(Attributes);\n if (IE8_DOM_DEFINE) try
{\n return dP(O, P, Attributes);\n } catch (e) { /* empty */ }\n if ('get' in Attributes || 'set' in Attributes) throw
TypeError('Accessors not supported!'); \n if ('value' in Attributes) O[P] = Attributes.value;\n return O; \n}; \n\n//
Works with __proto__ only. Old v8 can't work with null proto objects.\n/* eslint-disable no-proto */\nvar isObject =
require('./_is-object'); \nvar anObject = require('./_an-object'); \nvar check = function (O, proto) {\n anObject(O);\n
if (!isObject(proto) && proto !== null) throw TypeError(proto + ": can't set as prototype!"); \n}; \n\nmodule.exports =
{\n set: Object.setPrototypeOf || ('__proto__' in {})\n // eslint-disable-line\n function (test, buggy, set) {\n try
{\n set = require('./_ctx')(Function.call, require('./_object-gopd').f(Object.prototype, '__proto__').set, 2);\n
set(test, []);\n buggy = !(test instanceof Array);\n } catch (e) { buggy = true; }\n return function
setPrototypeOf(O, proto) {\n check(O, proto);\n if (buggy) O.__proto__ = proto;\n else set(O, proto);\n
return O; \n }; \n }({}, false) : undefined),\n check: check \n}; \n", "module.exports =
__WEBPACK_EXTERNAL_MODULE__8bbf__"; \n\n"use strict"; \nObject.defineProperty(exports, '__esModule', {
value: true }); \n\nvar prefix = 'fab'; \nvar iconName = 'facebook'; \nvar width = 448; \nvar height = 512; \nvar ligatures =
[]; \nvar unicode = 'f09a'; \nvar svgPathData = 'M448 56.7v398.5c0 13.7-11.1 24.7-24.7
24.7H309.1V306.5h58.218.7-67.6h-67v-43.2c0-19.6 5.4-32.9 33.5-32.9h35.8v-60.5c-6.2-8-27.4-2.7-52.2-2.7-51.6
0-87 31.5-87 89.4v49.9h-58.4v67.6h58.4V480H24.7C11.1 480 0 468.9 0 455.3V56.7C0 43.1 11.1 32 24.7
32h398.5c13.7 0 24.8 11.1 24.8 24.7z'; \n\nexports.definition = {\n prefix: prefix, \n iconName: iconName, \n icon:
[\n width, \n height, \n ligatures, \n unicode, \n svgPathData \n ]}; \n\nexports.faFacebook =
exports.definition; \n\nexports.prefix = prefix; \n\nexports.iconName = iconName; \n\nexports.width =
width; \n\nexports.height = height; \n\nexports.ligatures = ligatures; \n\nexports.unicode = unicode; \n\nexports.svgPathData =
svgPathData; \n\n", "import mod from \"!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-
0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-

```

```
options!./FollowUsPopover.vue?vue&type=style&index=0&id=440d5984&lang=scss&scoped=true&"; export
default mod; export * from \"-!././node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-
0!././node_modules/css-loader/index.js??ref--8-oneOf-1-1!././node_modules/vue-
loader/lib/loaders/stylePostLoader.js!././node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!././node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!././node_modules/cache-loader/dist/cjs.js??ref--0-
0!././node_modules/vue-loader/lib/index.js?vue-loader-
options!./FollowUsPopover.vue?vue&type=style&index=0&id=440d5984&lang=scss&scoped=true&";"//
extracted by mini-css-extract-plugin", "module.exports =
\"
wD/AP+gvaetAAAACXBIWXMAAAAsTAAALEwEAmpwYAAAAB3RJTUUh4gkSEA4ZhpLcgAABedJREFU
eNrtVtsFFUYgL+Z2d22uy0N0FKLaL1LAIJEEWjECXWNBiiUDReXgQiCABlQRMV6BRAiIQZqQmGjS+G
BICJFWEemoUSwxIGK4VA3hUm61FHrZy+zxYUtsCGB7Zpk5y/xfMg/dmX/Pv2e+OWfOmWkOCEJ4aLChrC
K33VQs9eEdqzDTLh0CXY+BmgCqBqjs2QYDTq8Dk8BfwH6wvofYWuj+R057vwSpd2D1U3rhZVugrc2fVEtug
OQsULXAGA9y7wJrDcRW+idL7C5wh2ucnqOQ+dF7+ZFaUAP6HxdtAqoSYCm9LTran9bCXgZWt36e19y6wH4
XquNX/zfYCzVzXJenduBPvfKdabbZ9xP2fOhoBjUXKMpZAcWg3oaWfeBmlc7kMm2PmW1Vx2HB18CTPhQ2
DLLfgD0Csg2ixEVtn3kpJa6Dlkaf5OiFegfsj0QJowWpKIPORuDeYMPXr4H9iWhhrCctnwJ3BJuDMgnOM6KGc
YI400A9a0YU2RW5rk4wRJB4NWQ/NqheBkHnZ6KHYJ0zwVKDKubJyAyXgQx4sZUZTSzetw5YRfEgHmQ1
hlAuccv2QfWd8ABsFpBxYFRoOrJPaPRZRKUDIouwyJicKMGL7OYx8CeBe5aUJfYXfU6nFwE6mX9+km+BM
yXLiYQKkuBezSDT0NsXE6Oy3G8A7KzwVrsQeBJcg8SGP+O1W/FrLcgeaBvxz78JrBbM8kRMGiACBLMfMM
4zcCzcMvKvh++NQN2g34dtT8gggRz/6E7a7oFDib7FzJ6PXBKU+SxIkWgDNbsXvb0P2ZnGtiuKfJIESQYKjQF+
Vszbqe/IosgAbUgnNUU5JBmeYNEkGDQHR10asa1iSCFJYgmltKMOyeChEIQ/WGTZlxEBBEEUUQQQQRR
PCPkN18WR3oPbTLicChIP0rcLe0C9LFCKIIIIIIogggggiiCCCCCKIIIIogggggiiCCCCCKIIIIIIogggggii
ggggggiiCCCCCKIIIIIIzYh+8ep4hpIPa8R6EJ2oQhyzZO5GdR7GoFpIJSCSBcjiCCCCCKIIIIIIogggggiiCCCCOIP3
XphqlizPMvfpEUQR2iu30JcUyzNOE6LIMGgWfHqes3yykMqib0yQRiuKZbuClenClyQoQUqiKW5Hq16VDPufs
08jxSuG2UVQKlmsBu0ID9oBtZApJ8LpZWAo/4nKcBdN3ulbg9YEGKGVj3aVwW1Hfj+98H4jqLRXZVriCZF/
wcAGfCViQzqPAQc3gMdC8Fsr+Z1mzBhvs+aCma5ZzBJLNhSIHZDyoGR4EaTdgosza6CG4F541g70EI09D0a1Q
PhASVRABfYcWNAEaoGH/DYVnhjVcbBfBXCjn14Kix0y4I2y6HJlzfZww1wOah6488AFUvm+Cpfn/zvzQfGNk
Jp43mIgaQWENQpaHvQwpO/VcnYcN0CQZDNYq4EpBp6FzZD63cxWj0S1IqrWECTCfMg56/SxWaeBGCJocX
6ySBB0jvA+tywGloDmc0htSMNJV8ZJAjA0FeAPwxJ5jCUTQtX67EaOloME+RwF0Snor9ocr5wwXkO2ltDakcW
nKXn/zdsfZDUXnAmo730umcyYE+HzLYQtX4fQPoXQwUByGyCyEO5Zt5XzoIzEdyV4ZWD7TC5ofcHhr5Rlt4
FJfcBP/tU4KHcs53MtyGWYyskJsMqtWAegdw0vBoL9tPAvqtUSbtYb0DNnZD+LcTdyocwZQKcO3mJnVUJsJT
eFh3tzw+od8B5Eazd+rlesB0He1FuWt4P7IWaea67whxNXR7qYRNerveOwLRbK6J1TLPpzoVS7wRW6LD4V
kLajanvdCKvo2MmEnWBvA2QDpJIAKzvhl1bbp1bF1EIS+czmdG8ZGluUGBVdeEtgq/OaxKgFnKsGthOyQHmF
SYJ0A+wRET0DdqYv71sLHqYPs+svsTPaMBFuAY2DtB/aAs6OnK+2zDRZCgdJgw5exCz+LZ2FvSupG8I3/ALz
OxpMdqcQ2AAAAAEIftkSuQmCC\"", "19.1.2.7 / 15.2.3.4 Object.getOwnPropertyNames(O)\nvar $keys =
require('./_object-keys-internal');\nvar hiddenKeys = require('./_enum-bug-keys').concat('length',
'prototype');\n\nexports.f = Object.getOwnPropertyNames || function getOwnPropertyNames(O) {\n return $keys(O,
hiddenKeys);\n};\n\n/**\n * Creates a unary function that invokes `func` with its argument transformed.\n * @private\n * @param {Function} func The function to wrap.\n * @param {Function} transform The argument
transform.\n * @returns {Function} Returns the new function.\n */\nfunction overArg(func, transform) {\n return
function(arg) {\n return func(transform(arg));\n };\n}\n\nmodule.exports = overArg;\n\nvar getMapData =
require('./_getMapData');\n\n/**\n * Removes `key` and its value from the map.\n * @private\n * @name
delete\n * @memberOf MapCache\n * @param {string} key The key of the value to remove.\n * @returns
{boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction mapCacheDelete(key) {\n var result
= getMapData(this, key)['delete'](key);\n this.size -= result ? 1 : 0;\n return result;\n}\n\nmodule.exports =
mapCacheDelete;\n\n/**\n * ES2015 Symbol polyfill for environments that do not (or partially) support it.\n * use
strict;\n * @private\n * @param {string} d = require('d')\n , validateSymbol = require('./validate-symbol')\n , create = Object.create,
defineProperties = Object.defineProperties\n , defineProperty = Object.defineProperty, objPrototype =
```



```

require('./isArrayLike');\n\n/**\n * Creates a `baseEach` or `baseEachRight` function.\n *\n * @private\n * @param {Function} eachFunc The function to iterate over a collection.\n * @param {boolean} [fromRight] Specify iterating from right to left.\n * @returns {Function} Returns the new base function.\n */\nfunction createBaseEach(eachFunc, fromRight) {\n  return function(collection, iteratee) {\n    if (collection == null) {\n      return collection;\n    }\n    if (!isArrayLike(collection)) {\n      return eachFunc(collection, iteratee);\n    }\n    var length = collection.length,\n        index = fromRight ? length - 1 : 0,\n        iterable = Object(collection);\n    while ((fromRight ? index-- : ++index < length)) {\n      if (iteratee(iterable[index], index, iterable) === false) {\n        break;\n      }\n    }\n    return collection;\n  };\n}\n\nmodule.exports = createBaseEach;\n", "var baseGetTag = require('./_baseGetTag'),\n    isObject = require('./isObject');\n\n/**\n * `Object#toString` result references.\n *\n * @nvar asyncTag = '[object AsyncFunction]',\n    funcTag = '[object Function]',\n    genTag = '[object GeneratorFunction]',\n    proxyTag = '[object Proxy]';\n\n/**\n * Checks if `value` is classified as a `Function` object.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a function, else `false`.\n * @example\n *\n * _isFunction(_);\n * // => true\n *\n * _isFunction(/abc/);\n * // => false\n */\nfunction isFunction(value) {\n  if (!isObject(value)) {\n    return false;\n  }\n  // The use of `Object#toString` avoids issues with the `typeof` operator\n  // in Safari 9 which returns 'object' for typed arrays and other constructors.\n  var tag = baseGetTag(value);\n  return tag == funcTag || tag == genTag || tag == asyncTag || tag == proxyTag;\n}\n\nmodule.exports = isFunction;\n", "/*\n * Performs a\n * [SameValueZero](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * comparison between two values to determine if they are equivalent.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @returns {boolean} Returns `true` if the values are equivalent, else `false`.\n * @example\n *\n * var object = { 'a': 1 };,\n *     other = { 'a': 1 };,\n *     eq = _eq(object, object);\n * // => true\n * eq(object, other);\n * // => false\n *\n * _eq('a', 'a');\n * // => true\n *\n * _eq('a', Object('a'));\n * // => false\n *\n * _eq(NaN, NaN);\n * // => true\n */\nfunction eq(value, other) {\n  return value === other || (value !== value && other !== other);\n}\n\nmodule.exports = eq;\n", "var Stack = require('./_Stack'),\n    baseIsEqual = require('./_baseIsEqual');\n\n/**\n * Used to compose bitmasks for value comparisons.\n *\n * @nvar COMPARE_PARTIAL_FLAG = 1,\n    COMPARE_UNORDERED_FLAG = 2;\n\n/**\n * The base implementation of `_isMatch` without support for iteratee shorthands.\n *\n * @private\n * @param {Object} object The object to inspect.\n * @param {Object} source The object of property values to match.\n * @param {Array} matchData The property names, values, and compare flags to match.\n * @param {Function} [customizer] The function to customize comparisons.\n * @returns {boolean} Returns `true` if `object` is a match, else `false`.\n */\nfunction baseIsMatch(object, source, matchData, customizer) {\n  var index = matchData.length,\n      length = index,\n      noCustomizer = !customizer;\n  if (object == null) {\n    return !length;\n  }\n  object = Object(object);\n  while (index--) {\n    var data = matchData[index];\n    if ((noCustomizer && data[2]) || data[1] !== object[data[0]] ||\n        !(data[0] in object)) {\n      return false;\n    }\n  }\n  while (++index < length) {\n    data = matchData[index];\n    var key = data[0],\n        objValue = object[key],\n        srcValue = data[1];\n    if (noCustomizer && data[2]) {\n      if (objValue === undefined && !(key in object)) {\n        return false;\n      }\n    } else {\n      var stack = new Stack;\n      if (customizer) {\n        var result = customizer(objValue, srcValue, key, object, source, stack);\n      }\n      if (!(result === undefined ? baseIsEqual(srcValue, objValue, COMPARE_PARTIAL_FLAG | COMPARE_UNORDERED_FLAG, customizer, stack) : result)) {\n        return false;\n      }\n    }\n  }\n  return true;\n}\n\nmodule.exports = baseIsMatch;\n", "use strict";\n\nvar isValue = require('./is-value');\n\nmodule.exports = function (value) {\n  if (!isValue(value)) {\n    throw new TypeError("Cannot use null or undefined");\n  }\n  return value;\n};\n", "var baseEach = require('./_baseEach'),\n    isArrayLike = require('./isArrayLike');\n\n/**\n * The base implementation of `_map` without support for iteratee shorthands.\n *\n * @private\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns the new mapped array.\n */\nfunction baseMap(collection, iteratee) {\n  var index = -1,\n      result = isArrayLike(collection) ? Array(collection.length) : [];\n  baseEach(collection, function(value, key, collection) {\n    result[++index] =

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iteratee(value, key, collection);\n });\n return result;\n}\n\nmodule.exports = baseMap;\n", "/*\n * Creates a base
function for methods like `_.forIn` and `_.forOwn`. \n * \n * @private\n * @param {boolean} [fromRight] Specify
iterating from right to left.\n * @returns {Function} Returns the new base function.\n */\nfunction
createBaseFor(fromRight) {\n return function(object, iteratee, keysFunc) {\n var index = -1,\n iterable =
Object(object),\n props = keysFunc(object),\n length = props.length;\n\n while (length--) {\n var key =
props[fromRight ? length : ++index];\n if (iteratee(iterable[key], key, iterable) === false) {\n break;\n }\n
}\n return object;\n };\n}\n\nmodule.exports = createBaseFor;\n", "var freeGlobal =
require('./_freeGlobal');\n\n/* Detect free variable `exports`. */\nvar freeExports = typeof exports === 'object' &&
exports && !exports.nodeType && exports;\n\n/* Detect free variable `module`. */\nvar freeModule = freeExports
&& typeof module === 'object' && module && !module.nodeType && module;\n\n/* Detect the popular
CommonJS extension `module.exports`. */\nvar moduleExports = freeModule && freeModule.exports ===
freeExports;\n\n/* Detect free variable `process` from Node.js. */\nvar freeProcess = moduleExports &&
freeGlobal.process;\n\n/* Used to access faster Node.js helpers. */\nvar nodeUtil = (function() {\n try {\n // Use
`util.types` for Node.js 10+.\n var types = freeModule && freeModule.require &&
freeModule.require('util').types;\n\n if (types) {\n return types;\n }\n\n // Legacy `process.binding('util')` for
Node.js < 10.\n return freeProcess && freeProcess.binding && freeProcess.binding('util');\n } catch (e)
{\n }\n})();\n\nmodule.exports = nodeUtil;\n", "var eq = require('./eq'),\n isArrayLike = require('./isArrayLike'),\n
isIndex = require('./_isIndex'),\n isObject = require('./isObject');\n\n/*\n * Checks if the given arguments are from
an iteratee call.\n * \n * @private\n * @param {*} value The potential iteratee value argument.\n * @param {*}
index The potential iteratee index or key argument.\n * @param {*} object The potential iteratee object argument.\n
* @returns {boolean} Returns `true` if the arguments are from an iteratee call,\n * else `false`. \n */\nfunction
isIterateeCall(value, index, object) {\n if (!isObject(object)) {\n return false;\n }\n var type = typeof index;\n if
(type === 'number'\n ? (isArrayLike(object) && isIndex(index, object.length))\n : (type === 'string' && index
in object)\n ) {\n return eq(object[index], value);\n }\n return false;\n}\n\nmodule.exports =
isIterateeCall;\n", "var baseGet = require('./_baseGet');\n\n/*\n * Gets the value at `path` of `object`. If the resolved
value is\n * `undefined`, the `defaultValue` is returned in its place.\n * \n * @static\n * @memberOf _\n * @since
3.7.0\n * @category Object\n * @param {Object} object The object to query.\n * @param {Array|string} path The
path of the property to get.\n * @param {*} [defaultValue] The value returned for `undefined` resolved values.\n *
* @returns {*} Returns the resolved value.\n * @example\n *\n * var object = { 'a': [{ 'b': { 'c': 3 } } ]};\n *\n *
_.get(object, 'a[0].b.c');\n * // => 3\n *\n * _.get(object, ['a', '0', 'b', 'c']);\n * // => 3\n *\n *
_.get(object, 'a.b.c',\n * 'default');\n * // => 'default'\n */\nfunction get(object, path, defaultValue) {\n var
result = object == null ? undefined\n : baseGet(object, path);\n return result === undefined ? defaultValue :
result;\n}\n\nmodule.exports = get;\n", "/*
optional / simple context binding\n */\nvar aFunction = require('./_a-function');\n\nmodule.exports = function (fn,
that,\n length) {\n aFunction(fn);\n if (that === undefined) return fn;\n switch (length) {\n case 1: return
function (a) {\n return fn.call(that, a);\n };\n case 2: return function (a, b) {\n return fn.call(that, a, b);\n
};\n case 3: return function (a, b, c) {\n return fn.call(that, a, b, c);\n };\n }\n return function (/* ...args */)
{\n return\n fn.apply(that, arguments);\n };\n};\n", "/*
Deprecated\n */\n\nuse strict";\n\nmodule.exports = function (obj) {\n return\n typeof obj === "function";\n};\n", "/*
22.1.3.31 Array.prototype[@@unscopables]\n */\nvar UNSCOPABLES =
require('./_wks')('unscopables');\nvar ArrayProto = Array.prototype;\nif (ArrayProto[UNSCOPABLES] ===
undefined) require('./_hide')(ArrayProto, UNSCOPABLES, {});\n\nmodule.exports = function (key) {\n
ArrayProto[UNSCOPABLES][key] = true;\n};\n", "module.exports = function (exec) {\n try {\n return { e: false,\n v:
exec() }\n } catch (e) {\n return { e: true, v: e }\n };\n};\n", "/*
7.1.15 ToLength\n */\nvar toInteger = require('./_to-integer');\nvar min = Math.min;\n\nmodule.exports = function (it)
{\n return it > 0 ? min(toInteger(it), 0x1fffffffffffff)\n : 0; // pow(2, 53) - 1 == 9007199254740991\n};\n", "/*
Thank's IE8 for his funny defineProperty\n */\n\nmodule.exports =
!require('./_fails')(function () {\n return Object.defineProperty({}, 'a', { get: function () { return 7; } }).a !=
7;\n});\n", "var root = require('./_root');\n\n/*
Built-in value references. */\nvar Symbol =
root.Symbol;\n\nmodule.exports = Symbol;\n", "var global = require('./_global');\nvar navigator =
global.navigator;\n\nmodule.exports = navigator && navigator.userAgent || ";\n", "var SetCache =

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require('./_SetCache'),\n  arraySome = require('./_arraySome'),\n  cacheHas = require('./_cacheHas');\n\n/** Used
to compose bitmasks for value comparisons. */\nvar COMPARE_PARTIAL_FLAG = 1,\n  COMPARE_UNORDERED_FLAG = 2;\n\n/**\n * A specialized version of `baseIsEqualDeep` for arrays with
support for\n * partial deep comparisons.\n * @private\n * @param {Array} array The array to compare.\n *
@param {Array} other The other array to compare.\n * @param {number} bitmask The bitmask flags. See
`baseIsEqual` for more details.\n * @param {Function} customizer The function to customize comparisons.\n *
@param {Function} equalFunc The function to determine equivalents of values.\n * @param {Object} stack Tracks
traversed `array` and `other` objects.\n * @returns {boolean} Returns `true` if the arrays are equivalent, else
`false`.\n */\nfunction equalArrays(array, other, bitmask, customizer, equalFunc, stack) {\n  var isPartial = bitmask
& COMPARE_PARTIAL_FLAG,\n    arrLength = array.length,\n    othLength = other.length;\n\n  if (arrLength
!= othLength && !(isPartial && othLength > arrLength)) {\n    return false;\n  }\n  // Assume cyclic values are
equal.\n  var stacked = stack.get(array);\n  if (stacked && stack.get(other)) {\n    return stacked == other;\n  }\n  var
index = -1,\n    result = true,\n    seen = (bitmask & COMPARE_UNORDERED_FLAG) ? new SetCache :
undefined;\n\n  stack.set(array, other);\n  stack.set(other, array);\n\n  // Ignore non-index properties.\n  while
(++index < arrLength) {\n    var arrValue = array[index],\n        othValue = other[index];\n\n    if (customizer) {\n
var compared = isPartial\n      ? customizer(othValue, arrValue, index, other, array, stack)\n      :\n
customizer(arrValue, othValue, index, array, other, stack);\n    } else {\n      if (compared !== undefined) {\n
if (compared) {\n        continue;\n      }\n      result = false;\n      break;\n    }\n    // Recursively compare arrays
(susceptible to call stack limits).\n    if (seen) {\n      if (!arraySome(other, function(othValue, othIndex) {\n
if (!cacheHas(seen, othIndex) &&\n          (arrValue === othValue || equalFunc(arrValue, othValue, bitmask,
customizer, stack))) {\n        return seen.push(othIndex);\n      }\n    })) {\n      result = false;\n
break;\n    }\n  } else if (!(arrValue === othValue ||\n      equalFunc(arrValue, othValue, bitmask,
customizer, stack)\n    )) {\n    result = false;\n    break;\n  }\n  }\n  stack['delete'](array);\n
stack['delete'](other);\n  return result;\n}\n\nmodule.exports = equalArrays;\n", "var constant = require('./constant'),\n
defineProperty = require('./_defineProperty'),\n  identity = require('./identity');\n\n/**\n * The base
implementation of `setToString` without support for hot loop shorting.\n * @private\n * @param {Function}
func The function to modify.\n * @param {Function} string The `toString` result.\n * @returns {Function} Returns
`func`.\n */\nvar baseSetToString = !defineProperty ? identity : function(func, string) {\n  return
defineProperty(func, 'toString', {\n    'configurable': true,\n    'enumerable': false,\n    'value': constant(string),\n
'writable': true\n  });\n};\n\nmodule.exports = baseSetToString;\n", "/* @replace logic\nrequire('./_fix-re-
wks')('replace', 2, function (defined, REPLACE, $replace) {\n  // 21.1.3.14 String.prototype.replace(searchValue,
replaceValue)\n  return [function replace(searchValue, replaceValue) {\n    'use strict';\n    var O = defined(this);\n
var fn = searchValue == undefined ? undefined : searchValue[REPLACE];\n    return fn !== undefined\n      ?
fn.call(searchValue, O, replaceValue)\n      : $replace.call(String(O), searchValue, replaceValue);\n  },\n
$replace];\n});\n", "var getMapData = require('./_getMapData');\n\n/**\n * Checks if a map value for `key` exists.\n
*\n * @private\n * @name has\n * @memberOf MapCache\n * @param {string} key The key of the entry to
check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction
mapCacheHas(key) {\n  return getMapData(this, key).has(key);\n}\n\nmodule.exports = mapCacheHas;\n", "use
strict";\n\n// 25.4.1.5 NewPromiseCapability(C)\nvar aFunction = require('./_a-function');\n\nfunction
PromiseCapability(C) {\n  var resolve, reject;\n  this.promise = new C(function ($$resolve, $$reject) {\n    if
(resolve !== undefined || reject !== undefined) throw TypeError('Bad Promise constructor');\n    resolve =
$$resolve;\n    reject = $$reject;\n  });\n  this.resolve = aFunction(resolve);\n  this.reject =
aFunction(reject);\n}\n\nmodule.exports.f = function (C) {\n  return new PromiseCapability(C);\n};\n", "var
baseGetAllKeys = require('./_baseGetAllKeys'),\n  getSymbols = require('./_getSymbols'),\n  keys =
require('./keys');\n\n/**\n * Creates an array of own enumerable property names and symbols of `object`.\n
*\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of property
names and symbols.\n */\nfunction getAllKeys(object) {\n  return baseGetAllKeys(object, keys,
getSymbols);\n}\n\nmodule.exports = getAllKeys;\n", "var $export = require('./_export');\n\nvar defined =

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require('./_defined');\nvar fails = require('./_fails');\nvar spaces = require('./_string-ws');\nvar space = '[' + spaces +
']';\nvar non = "\\u200b\\u0085";\nvar ltrim = RegExp('^' + space + space + '*');\nvar rtrim = RegExp(space + space +
*$$$);\n\nvar exporter = function (KEY, exec, ALIAS) {\n  var exp = {};\n  var FORCE = fails(function () {\n    return !!spaces[KEY]() || non[KEY]() != non;\n  });\n  var fn = exp[KEY] = FORCE ? exec(trim) : spaces[KEY];\n  if (ALIAS) exp[ALIAS] = fn;\n  $export($export.P + $export.F * FORCE, 'String', exp);\n};\n\n// 1 ->
String#trimLeft\n// 2 -> String#trimRight\n// 3 -> String#trim\nvar trim = exporter.trim = function (string, TYPE)
{\n  string = String(defined(string));\n  if (TYPE & 1) string = string.replace(ltrim, "");\n  if (TYPE & 2) string =
string.replace(rtrim, "");\n  return string;\n};\n\nmodule.exports = exporter;\n\n", "7.2.8 IsRegExp(argument)\nvar
isObject = require('./_is-object');\nvar cof = require('./_cof');\nvar MATCH =
require('./_wks')('match');\nmodule.exports = function (it) {\n  var isRegExp;\n  return isObject(it) && ((isRegExp =
it[MATCH]) !== undefined ? !!isRegExp : cof(it) === 'RegExp');\n};\n\n", "/*\n * Converts `set` to an array of its
values.\n * @private\n * @param {Object} set The set to convert.\n * @returns {Array} Returns the values.\n
*\nfunction setToArray(set) {\n  var index = -1,\n      result = Array(set.size);\n\n  set.forEach(function(value) {\n
result[++index] = value;\n  });\n  return result;\n};\n\nmodule.exports = setToArray;\n\n", "var $iterators =
require('./es6.array.iterator');\nvar getKeys = require('./_object-keys');\nvar redefine = require('./_redefine');\nvar
global = require('./_global');\nvar hide = require('./_hide');\nvar Iterators = require('./_iterators');\nvar wks =
require('./_wks');\nvar ITERATOR = wks('iterator');\nvar TO_STRING_TAG = wks('toStringTag');\nvar
ArrayValues = Iterators.Array;\nvar DOMIterables = {\n  CSSRuleList: true, // TODO: Not spec compliant,
should be false.\n  CSSStyleDeclaration: false,\n  CSSValueList: false,\n  ClientRectList: false,\n  DOMRectList:
false,\n  DOMStringList: false,\n  DOMTokenList: true,\n  DataTransferItemList: false,\n  FileList: false,\n
HTMLAllCollection: false,\n  HTMLCollection: false,\n  HTMLFormElement: false,\n  HTMLSelectElement:
false,\n  MediaList: true, // TODO: Not spec compliant, should be false.\n  MimeTypeArray: false,\n
NamedNodeMap: false,\n  NodeList: true,\n  PaintRequestList: false,\n  Plugin: false,\n  PluginArray: false,\n
SVGLengthList: false,\n  SVGNumberList: false,\n  SVGPathSegList: false,\n  SVGPointList: false,\n
SVGStringList: false,\n  SVGTransformList: false,\n  SourceBufferList: false,\n  StyleSheetList: true, // TODO: Not
spec compliant, should be false.\n  TextTrackCueList: false,\n  TextTrackList: false,\n  TouchList: false\n};\n\nfor
(var collections = getKeys(DOMIterables), i = 0; i < collections.length; i++) {\n  var NAME = collections[i];\n  var
explicit = DOMIterables[NAME];\n  var Collection = global[NAME];\n  var proto = Collection &&
Collection.prototype;\n  var key;\n  if (proto) {\n    if (!proto[ITERATOR]) hide(proto, ITERATOR,
ArrayValues);\n    if (!proto[TO_STRING_TAG]) hide(proto, TO_STRING_TAG, NAME);\n    Iterators[NAME] =
ArrayValues;\n    if (explicit) for (key in $iterators) if (!proto[key]) redefine(proto, key, $iterators[key], true);\n
  }\n}\n\n", "/*\n * The base implementation of `_.unary` without support for storing metadata.\n * @private\n *
@param {Function} func The function to cap arguments for.\n * @returns {Function} Returns the new capped
function.\n *\nfunction baseUnary(func) {\n  return function(value) {\n    return func(value);\n
  };\n}\n\nmodule.exports = baseUnary;\n\n", "use strict";\nObject.defineProperty(exports, '__esModule', { value: true
});\nvar prefix = 'fas';\nvar iconName = 'clipboard';\nvar width = 384;\nvar height = 512;\nvar ligatures = [];\nvar
unicode = 'f328';\nvar svgPathData = 'M384 112v352c0 26.51-21.49 48-48 48H48c-26.51 0-48-21.49-48-
48V112c0-26.51 21.49-48 48-48h80c0-35.29 28.71-64 64-64s64 28.71 64 64h80c26.51 0 48 21.49 48 48zM192
40c-13.255 0-24 10.745-24 24s10.745 24 24 24-10.745 24-24-10.745-24-24-24m96 114v-20a6 6 0 0 0-6-
6H102a6 6 0 0 0-6 6v20a6 6 0 0 0 6 6h180a6 6 0 0 0 6-6z';\n\nexports.definition = {\n  prefix: prefix,\n
  iconName: iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  ];\n};\n\nexports.faClipboard
= exports.definition;\nexports.prefix = prefix;\nexports.iconName = iconName;\nexports.width =
width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode = unicode;\nexports.svgPathData =
svgPathData;\n\n", "var getAllKeys = require('./_getAllKeys');\n\n/** Used to compose bitmasks for value comparisons.
*\nvar COMPARE_PARTIAL_FLAG = 1;\n\n/** Used for built-in method references. *\nvar objectProto =
Object.prototype;\n\n/** Used to check objects for own properties. *\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * A specialized version of `baseIsEqualDeep` for objects with support for\n *
partial deep comparisons.\n * @private\n * @param {Object} object The object to compare.\n * @param

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{Object} other The other object to compare.
 * @param {number} bitmask The bitmask flags. See `baseIsEqual`
for more details.
 * @param {Function} customizer The function to customize comparisons.
 * @param
{Function} equalFunc The function to determine equivalents of values.
 * @param {Object} stack Tracks
traversed `object` and `other` objects.
 * @returns {boolean} Returns `true` if the objects are equivalent, else
`false`.
 */
function equalObjects(object, other, bitmask, customizer, equalFunc, stack) {
  var isPartial = bitmask & COMPARE_PARTIAL_FLAG,
      objProps = getAllKeys(object),
      objLength = objProps.length,
      othProps = getAllKeys(other),
      othLength = othProps.length;

  if (objLength !== othLength && !isPartial) {
    return false;
  }

  var index = objLength;
  while (index-- > 0) {
    var key = objProps[index];
    if (!isPartial &&
        key in other : hasOwnProperty.call(other, key)) {
      return false;
    }
  }
  // Assume cyclic values are equal.
  var stacked = stack.get(object);
  if (stacked && stack.get(other)) {
    return stacked === other;
  }
  var result = true;
  stack.set(object, other);
  stack.set(other, object);

  var skipCtor = isPartial;
  while (++index < objLength) {
    key = objProps[index];
    var objValue = object[key],
        othValue = other[key];

    if (customizer) {
      var compared = isPartial
        ? customizer(othValue, objValue, key, other, object, stack)
        : customizer(objValue, othValue, key, object, other, stack);
    }
    // Recursively compare objects (susceptible to call stack limits).
    if (!(compared === undefined
        ? (objValue === othValue || equalFunc(objValue,
            othValue, bitmask, customizer, stack))
        : compared)) {
      result = false;
      break;
    }
    skipCtor || (skipCtor = key === 'constructor');
  }
  if (result && !skipCtor) {
    var objCtor = object.constructor,
        othCtor = other.constructor;

    // Non `Object` object instances with different constructors are not equal.
    if (objCtor !== othCtor &&
        ('constructor' in object && 'constructor' in other) &&
        !(typeof objCtor === 'function' && objCtor instanceof objCtor &&
            typeof othCtor === 'function' && othCtor instanceof othCtor)) {
      result = false;
    }
  }
  stack['delete'](object);
  stack['delete'](other);
  return result;
}

module.exports = equalObjects;
/** Used as references for various `Number` constants. */
var MAX_SAFE_INTEGER = 9007199254740991;
 * Checks if `value` is a valid array-like length.
 *
 * **Note:** This method is loosely based on `Array.prototype.length`.
 *
 * @static
 * @memberOf _
 * @since 4.0.0
 * @category Lang
 * @param {*} value The value to check.
 * @returns {boolean} Returns `true` if `value` is a valid length, else `false`.
 * @example
 * _._isLength(3); // => true
 * _._isLength(Number.MIN_VALUE); // => false
 * _._isLength(Infinity); // => false
 * _._isLength('3'); // => false
 */
function isLength(value) {
  return typeof value === 'number' &&
    value > -1 && value % 1 === 0 && value <=
MAX_SAFE_INTEGER;
}
module.exports = isLength;
/*!
 * clipboard.js v2.0.4
 * https://zenorocha.github.io/clipboard.js
 *
 * Licensed MIT © Zeno Rocha
 */
(function webpackUniversalModuleDefinition(root, factory) {
  if (typeof exports === 'object' && typeof module ===
'object') {
    module.exports = factory();
  } else if (typeof define === 'function' && define.amd) {
    define([], factory);
  } else if (typeof exports === 'object') {
    exports["ClipboardJS"] =
factory();
  } else {
    root["ClipboardJS"] = factory();
  }
})(this, function() {
  return (function() {
    // webpackBootstrap
    // The module cache
    var installedModules = {};

    // The require function
    function __webpack_require__(moduleId) {
      // Check if module is in cache
      if (installedModules[moduleId]) {
        return
installedModules[moduleId].exports;
      }
      // Create a new module (and put it into the
cache)
      var module = installedModules[moduleId] = {
        id: moduleId,
        exports: {},
      };
      // Execute the module function
      modules[moduleId].call(module.exports, module, module.exports,
__webpack_require__);
      // Flag the module as loaded
      module.l = true;
      // Return the exports of the
module
      return module.exports;
    }

    // expose the modules object (__webpack_modules__)
    __webpack_require__.m = modules;

    // expose the module cache
    __webpack_require__.c = installedModules;

    // define getter function for harmony exports
    __webpack_require__.d = function(exports, name, getter) {
      if (!__webpack_require__.o(exports, name)) {
        Object.defineProperty(exports, name, { enumerable:

```



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_this.resolveOptions(options);\n    _this.listenClick(trigger);\n    return _this;\n  }\n\n  /**\n   * Defines if
attributes would be resolved using internal setter functions\n   * or custom functions that were passed in the
constructor.\n   * @param {Object} options\n   */\n  _createClass(Clipboard, [{\n    key:
'resolveOptions',\n    value: function resolveOptions() {\n      var options = arguments.length > 0 &&
arguments[0] !== undefined ? arguments[0] : {};\n\n      this.action = typeof options.action === 'function' ?
options.action : this.defaultAction;\n      this.target = typeof options.target === 'function' ? options.target :
this.defaultTarget;\n      this.text = typeof options.text === 'function' ? options.text : this.defaultText;\n      this.container = _typeof(options.container) === 'object' ? options.container : document.body;\n    }]\n  ), /**\n   * Adds a click event listener to the passed trigger.\n   * @param
{String|HTMLElement|HTMLCollection|NodeList} trigger\n   */\n  function listenClick(trigger) {\n    var _this2 = this;\n\n    this.listener = (0,
_goodListener2.default)(trigger, 'click', function (e) {\n      return _this2.onClick(e);\n    });\n  }\n\n  /**\n   * Defines a new `ClipboardAction` on each click event.\n   * @param {Event} e\n   */\n  }, {\n    key: 'onClick',\n    value: function onClick(e) {\n      var trigger = e.delegateTarget ||
e.currentTarget;\n\n      if (this.clipboardAction) {\n        this.clipboardAction = null;\n      }\n\n      this.clipboardAction = new _clipboardAction2.default({\n        action: this.action(trigger),\n        target:
this.target(trigger),\n        text: this.text(trigger),\n        container: this.container,\n        trigger:
trigger,\n        emitter: this\n      });\n    }]\n  ), /**\n   * Default `action` lookup function.\n   *
@param {Element} trigger\n   */\n  }, {\n    key: 'defaultAction',\n    value: function
defaultAction(trigger) {\n      return getAttributeValue('action', trigger);\n    }]\n  ), /**\n   * Default
`target` lookup function.\n   * @param {Element} trigger\n   */\n  }, {\n    key: 'defaultTarget',\n    value: function defaultTarget(trigger) {\n      var selector = getAttributeValue('target', trigger);\n\n      if
(selector) {\n        return document.querySelector(selector);\n      }\n    }]\n  ), /**\n   * Returns the
support of the given action, or all actions if no action is\n   * given.\n   * @param {String} [action]\n   */\n  }, {\n    key: 'defaultText',\n    value: function defaultText(trigger) {\n      return getAttributeValue('text',
trigger);\n    }]\n  ), /**\n   * Destroy lifecycle.\n   * @param {Element} trigger\n   */\n  }, {\n    key: 'destroy',\n    value:
function destroy() {\n      this.listener.destroy();\n\n      if (this.clipboardAction) {\n        this.clipboardAction.destroy();\n        this.clipboardAction = null;\n      }\n    }]\n  }, [{\n    key:
'isSupported',\n    value: function isSupported() {\n      var action = arguments.length > 0 && arguments[0]
!== undefined ? arguments[0] : ['copy', 'cut'];\n\n      var actions = typeof action === 'string' ? [action] : action;\n      var support = !!document.queryCommandSupported;\n\n      actions.forEach(function (action) {\n        support = support && !!document.queryCommandSupported(action);\n      });\n\n      return support;\n    }]\n  )];\n  return Clipboard;\n})(_tinyEmitter2.default);\n\n/**\n * Helper function to retrieve attribute value.\n * @param {String} suffix\n * @param {Element} element\n */\nfunction getAttributeValue(suffix, element) {\n  var attribute = 'data-clipboard-' + suffix;\n\n  if (!element.hasAttribute(attribute)) {\n    return;\n  }\n\n  return element.getAttribute(attribute);\n}\n\nmodule.exports = Clipboard;\n\n/***/ }),\n\n1\n/***/ (function(module, exports, __webpack_require__) {\n  \"use strict\";\n\n  var _typeof = typeof Symbol === \"function\" && typeof Symbol.iterator === \"symbol\" ? function (obj) { return typeof obj; } : function (obj) { return obj && typeof Symbol === \"function\" && obj.constructor === Symbol && obj !== Symbol.prototype ? \"symbol\" : typeof obj; }\n\n  var _createClass = function () { function defineProperties(target, props) { for (var i = 0; i < props.length; i++) { var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false; descriptor.configurable = true; if (!\"value\" in descriptor) descriptor.writable = true; Object.defineProperty(target, descriptor.key, descriptor); } } return function (Constructor, protoProps, staticProps) { if (protoProps) defineProperties(Constructor.prototype, protoProps); if (staticProps) defineProperties(Constructor, staticProps); return Constructor; }; }();\n\n  var _select = __webpack_require__(2);\n  var _select2 = _interopRequireDefault(_select);\n\n  function _interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }\n\n  function _classCallCheck(instance, Constructor) { if (!(instance instanceof Constructor)) { throw new TypeError(\"Cannot

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call a class as a function"); } } \n\n/** \n * Inner class which performs selection from either `text` or `target` \n *
properties and then executes copy or cut operations. \n ^\nvar ClipboardAction = function () { \n /** \n *
@param {Object} options \n */ \n function ClipboardAction(options) { \n _classCallCheck(this,
ClipboardAction); \n \n this.resolveOptions(options); \n this.initSelection(); \n } \n\n /** \n * Defines
base properties passed from constructor. \n * @param {Object} options \n */ \n\n
_createClass(ClipboardAction, [{ \n key: 'resolveOptions', \n value: function resolveOptions() { \n var
options = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {}; \n \n this.action =
options.action; \n this.container = options.container; \n this.emitter = options.emitter; \n this.target
= options.target; \n this.text = options.text; \n this.trigger = options.trigger; \n \n this.selectedText
= ""; \n } \n\n /** \n * Decides which selection strategy is going to be applied based \n * on the
existence of `text` and `target` properties. \n */ \n }, { \n key: 'initSelection', \n value: function
initSelection() { \n if (this.text) { \n this.selectFake(); \n } else if (this.target) { \n
this.selectTarget(); \n } \n } \n\n /** \n * Creates a fake textarea element, sets its value from `text`
property, \n * and makes a selection on it. \n */ \n }, { \n key: 'selectFake', \n value: function
selectFake() { \n var _this = this; \n var isRTL = document.documentElement.getAttribute('dir') ==
'rtl'; \n \n this.removeFake(); \n \n this.fakeHandlerCallback = function () { \n return
_this.removeFake(); \n }; \n \n this.fakeHandler = this.container.addEventListener('click',
this.fakeHandlerCallback) || true; \n \n this.fakeElem = document.createElement('textarea'); \n // Prevent
zooming on iOS \n this.fakeElem.style.fontSize = '12pt'; \n // Reset box model \n
this.fakeElem.style.border = '0'; \n this.fakeElem.style.padding = '0'; \n this.fakeElem.style.margin =
'0'; \n // Move element out of screen horizontally \n this.fakeElem.style.position = 'absolute'; \n
this.fakeElem.style[isRTL ? 'right' : 'left'] = '-9999px'; \n // Move element to the same position vertically \n
var yPosition = window.pageYOffset || document.documentElement.scrollTop; \n this.fakeElem.style.top =
yPosition + 'px'; \n \n this.fakeElem.setAttribute('readonly', ''); \n this.fakeElem.value = this.text; \n \n
this.container.appendChild(this.fakeElem); \n \n this.selectedText = (0, _select2.default)(this.fakeElem); \n
this.copyText(); \n } \n\n /** \n * Only removes the fake element after another click event, that
way \n * a user can hit `Ctrl+C` to copy because selection still exists. \n */ \n }, { \n key:
'removeFake', \n value: function removeFake() { \n if (this.fakeHandler) { \n
this.container.removeEventListener('click', this.fakeHandlerCallback); \n this.fakeHandler = null; \n
this.fakeHandlerCallback = null; \n } \n \n if (this.fakeElem) { \n
this.container.removeChild(this.fakeElem); \n this.fakeElem = null; \n } \n } \n\n /** \n *
Selects the content from element passed on `target` property. \n */ \n }, { \n key: 'selectTarget', \n
value: function selectTarget() { \n this.selectedText = (0, _select2.default)(this.target); \n
this.copyText(); \n } \n\n /** \n * Executes the copy operation based on the current selection. \n
*/ \n }, { \n key: 'copyText', \n value: function copyText() { \n var succeeded = void 0; \n \n
try { \n succeeded = document.execCommand(this.action); \n } catch (err) { \n succeeded =
false; \n } \n \n this.handleResult(succeeded); \n } \n\n /** \n * Fires an event based on the
copy operation result. \n * @param {Boolean} succeeded \n */ \n }, { \n key: 'handleResult', \n
value: function handleResult(succeeded) { \n this.emitter.emit(succeeded ? 'success' : 'error', { \n
action: this.action, \n text: this.selectedText, \n trigger: this.trigger, \n clearSelection:
this.clearSelection.bind(this) \n }); \n } \n\n /** \n * Moves focus away from `target` and back to
the trigger, removes current selection. \n */ \n }, { \n key: 'clearSelection', \n value: function
clearSelection() { \n if (this.trigger) { \n this.trigger.focus(); \n } \n \n
window.getSelection().removeAllRanges(); \n } \n\n /** \n * Sets the `action` to be performed which
can be either 'copy' or 'cut'. \n * @param {String} action \n */ \n }, { \n key: 'destroy', \n\n
/** \n * Destroy lifecycle. \n */ \n value: function destroy() { \n this.removeFake(); \n } \n },
{ \n key: 'action', \n set: function set() { \n var action = arguments.length > 0 && arguments[0] !==
undefined ? arguments[0] : 'copy'; \n \n this._action = action; \n \n if (this._action !== 'copy' &&

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this._action !== 'cut') {\n          throw new Error('Invalid \"action\" value, use either \"copy\" or \"cut\");\n
}\n  }\n\n  /**\n   * Gets the `action` property.\n   * @return {String}\n   * ^\n   ,\n   get:\n
function get() {\n    return this._action;\n  }\n\n  /**\n   * Sets the `target` property using an\n
element\n   * that will be have its content copied.\n   * @param {Element} target\n   * ^\n   }, {\n
key: 'target',\n   set: function set(target) {\n     if (target !== undefined) {\n       if (target && (typeof\n
target === 'undefined' ? 'undefined' : _typeof(target)) === 'object' && target.nodeType === 1) {\n         if\n
(this.action === 'copy' && target.hasAttribute('disabled')) {\n           throw new Error('Invalid \"target\"\n
attribute. Please use \"readonly\" instead of \"disabled\" attribute');\n         }\n         if (this.action ===\n
'cut' && (target.hasAttribute('readonly') || target.hasAttribute('disabled'))) {\n           throw new\n
Error('Invalid \"target\" attribute. You can\\'t cut text from elements with \"readonly\" or \"disabled\" attributes');\n
}\n         this._target = target;\n       } else {\n         throw new Error('Invalid \"target\"\n
value, use a valid Element');\n       }\n     }\n   }\n\n   /**\n    * Gets the `target` property.\n    * @return {String|HTMLElement}\n    * ^\n    ,\n    get: function get() {\n      return this._target;\n    }\n  });\n\n  return ClipboardAction;\n}());\n\nmodule.exports = ClipboardAction;\n\n/***/ }),\n\n/* 2 */\n/***/\n
(function(module, exports) {\n\nfunction select(element) {\n  var selectedText;\n\n  if (element.nodeName ===\n
'SELECT') {\n    element.focus();\n    selectedText = element.value;\n  }\n  else if (element.nodeName ===\n
'INPUT' || element.nodeName === 'TEXTAREA') {\n    var isReadOnly = element.hasAttribute('readonly');\n\n    if (!isReadOnly) {\n      element.setAttribute('readonly', '');\n    }\n    element.select();\n\n    element.setSelectionRange(0, element.value.length);\n\n    if (!isReadOnly) {\n      element.removeAttribute('readonly');\n    }\n    selectedText = element.value;\n  }\n  else {\n    if\n
(element.hasAttribute('contenteditable')) {\n      element.focus();\n    }\n    var selection =\n
window.getSelection();\n    var range = document.createRange();\n    range.selectNodeContents(element);\n\n    selection.removeAllRanges();\n    selection.addRange(range);\n    selectedText = selection.toString();\n  }\n\n  return selectedText;\n}\n\nmodule.exports = select;\n\n/***/ }),\n\n/* 3 */\n/***/\n
(function(module, exports)\n{\n\nfunction E () {\n  // Keep this empty so it's easier to inherit from\n  // (via https://github.com/lipsmack from\n
https://github.com/scottcorgan/tiny-emitter/issues/3)\n}\n\nE.prototype = {\n  on: function (name, callback, ctx) {\n\n  var e = this.e || (this.e = {});\n\n  (e[name] || (e[name] = [])).push({\n    fn: callback,\n    ctx: ctx\n });\n\n  return this;\n },\n\n  once: function (name, callback, ctx) {\n  var self = this;\n  function listener () {\n\n  self.off(name, listener);\n    callback.apply(ctx, arguments);\n  }; \n\n  listener._ = callback\n  return\n
this.on(name, listener, ctx);\n },\n\n  emit: function (name) {\n  var data = [].slice.call(arguments, 1);\n  var\n
evtArr = ((this.e || (this.e = {}))[name] || []).slice();\n  var i = 0;\n  var len = evtArr.length;\n\n  for (i; i < len;\n
i++) {\n    evtArr[i].fn.apply(evtArr[i].ctx, data);\n  }\n\n  return this;\n },\n\n  off: function (name, callback) {\n\n  var e = this.e || (this.e = {});\n  var evts = e[name];\n  var liveEvents = [];\n\n  if (evts && callback) {\n    for\n
(var i = 0, len = evts.length; i < len; i++) {\n      if (evts[i].fn !== callback && evts[i].fn._ !== callback)\n\n  liveEvents.push(evts[i]);\n    }\n\n    // Remove event from queue to prevent memory leak\n    // Suggested by\n
https://github.com/lazd\n    // Ref: https://github.com/scottcorgan/tiny-\n
emitter/commit/c6ebfaa9bc973b33d110a84a307742b7cf94c953#commitcomment-5024910\n\n  (liveEvents.length)\n    ? e[name] = liveEvents\n    : delete e[name];\n\n  return this;\n }\n};\n\nmodule.exports\n
= E;\n\n/***/ }),\n\n/* 4 */\n/***/\n
(function(module, exports, __webpack_require__) {\n\nvar is =\n
__webpack_require__(5);\n\nvar delegate = __webpack_require__(6);\n\n/**\n * Validates all params and calls the\n
right\n * listener function based on its target type.\n * ^\n * @param\n
{String|HTMLElement|HTMLCollection|NodeList} target\n * @param {String} type\n * @param {Function}\n
callback\n * @return {Object}\n * ^\n\nfunction listen(target, type, callback) {\n  if (!target && !type && !callback)\n
{\n    throw new Error('Missing required arguments');\n  }\n\n  if (!is.string(type)) {\n    throw new\n
TypeError('Second argument must be a String');\n  }\n\n  if (!is.fn(callback)) {\n    throw new TypeError('Third\n
argument must be a Function');\n  }\n\n  if (is.node(target)) {\n    return listenNode(target, type, callback);\n  }\n  else if (is.nodeList(target)) {\n    return listenNodeList(target, type, callback);\n  }\n  else if\n
(is.string(target)) {\n    return listenSelector(target, type, callback);\n  }\n  else {\n    throw new

```



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TypeError('First argument must be a String, HTMLElement, HTMLCollection, or NodeList');\n }\n\n/**\n * Adds an event listener to a HTML element\n * and returns a remove listener function.\n * @param\n * {HTMLElement} node\n * @param {String} type\n * @param {Function} callback\n * @return {Object}\n */\nfunction listenNode(node, type, callback) {\n  node.addEventListener(type, callback);\n  return {\n    destroy: function() {\n      node.removeEventListener(type, callback);\n    }\n  }\n}\n\n/**\n * Add an event listener to a list of HTML elements\n * and returns a remove listener function.\n * @param\n * {NodeList|HTMLCollection} nodeList\n * @param {String} type\n * @param {Function} callback\n * @return\n * {Object}\n */\nfunction listenNodeList(nodeList, type, callback) {\n  Array.prototype.forEach.call(nodeList,\n    function(node) {\n      node.addEventListener(type, callback);\n    });\n  return {\n    destroy: function() {\n      Array.prototype.forEach.call(nodeList, function(node) {\n        node.removeEventListener(type, callback);\n      });\n    }\n  }\n}\n\n/**\n * Add an event listener to a selector\n * and returns a remove listener function.\n * @param {String} selector\n * @param {String} type\n * @param {Function} callback\n * @return\n * {Object}\n */\nfunction listenSelector(selector, type, callback) {\n  return delegate(document.body, selector, type,\n    callback);\n}\n\nmodule.exports = listen;\n\n/**\n * Check if argument is a HTML element.\n * @param {Object} value\n * @return {Boolean}\n */\nexports.node = function(value) {\n  return value !== undefined\n    && value instanceof HTMLElement\n    &&\n    value.nodeType === 1;\n}\n\n/**\n * Check if argument is a list of HTML elements.\n * @param {Object}\n * value\n * @return {Boolean}\n */\nexports.nodeList = function(value) {\n  var type =\n    Object.prototype.toString.call(value);\n  return value !== undefined\n    && (type === '[object NodeList]' ||\n    type === '[object HTMLCollection]')\n    && ('length' in value)\n    && (value.length === 0 ||\n    exports.node(value[0]));\n}\n\n/**\n * Check if argument is a string.\n * @param {Object} value\n * @return\n * {Boolean}\n */\nexports.string = function(value) {\n  return typeof value === 'string'\n    || value instanceof\n    String;\n}\n\n/**\n * Check if argument is a function.\n * @param {Object} value\n * @return {Boolean}\n */\nexports.fn = function(value) {\n  var type = Object.prototype.toString.call(value);\n  return type === '[object\n    Function]';\n}\n\n/**\n * Delegates event to a selector.\n * @param {Element} element\n * @param\n * {String} selector\n * @param {String} type\n * @param {Function} callback\n * @param {Boolean} useCapture\n * @return {Object}\n */\nfunction _delegate(element, selector, type, callback, useCapture) {\n  var listenerFn =\n    listener.apply(this, arguments);\n  element.addEventListener(type, listenerFn, useCapture);\n  return {\n    destroy: function() {\n      element.removeEventListener(type, listenerFn, useCapture);\n    }\n  }\n}\n\n/**\n * Delegates event to a selector.\n * @param {Element|String|Array} [elements]\n * @param {String} selector\n * @param {String} type\n * @param {Function} callback\n * @param {Boolean} useCapture\n * @return\n * {Object}\n */\nfunction delegate(elements, selector, type, callback, useCapture) {\n  // Handle the regular Element\n  usage\n  if (typeof elements.addEventListener === 'function') {\n    return _delegate.apply(null, arguments);\n  }\n  // Handle Element-less usage, it defaults to global delegation\n  if (typeof type === 'function') {\n    //\n    Use `document` as the first parameter, then apply arguments\n    // This is a short way to .unshift `arguments`\n    without running into deoptimizations\n    return _delegate.bind(null, document).apply(null, arguments);\n  }\n  // Handle Selector-based usage\n  if (typeof elements === 'string') {\n    elements =\n    document.querySelectorAll(elements);\n  }\n  // Handle Array-like based usage\n  return\n  Array.prototype.map.call(elements, function (element) {\n    return _delegate(element, selector, type, callback,\n    useCapture);\n  });\n}\n\n/**\n * Finds closest match and invokes callback.\n * @param {Element} element\n * @param {String} selector\n * @param {String} type\n * @param {Function} callback\n * @return {Function}\n */\nfunction listener(element, selector, type, callback) {\n  return function(e) {\n    e.delegateTarget =\n    closest(e.target, selector);\n    if (e.delegateTarget) {\n      callback.call(element, e);\n    }\n  }\n}\n\nmodule.exports = delegate;\n\n/**\n * DOCUMENT_NODE_TYPE = 9;\n * A polyfill for Element.matches()\n * @nif (typeof Element !==\n * 'undefined' && !Element.prototype.matches) {\n * var proto = Element.prototype;\n * proto.matches =\n * proto.matchesSelector ||\n * proto.mozMatchesSelector ||\n * proto.msMatchesSelector ||\n
```



2 - Partial comparison

```

  * @param {Function} [customizer] The function to customize comparisons.
  * @param {Object} [stack] Tracks traversed `value` and `other` objects.
  * @returns {boolean} Returns `true` if the values are equivalent, else `false`.
  */
function baseIsEqual(value, other, bitmask, customizer, stack) {
  if (value === other) {
    return true;
  }
  if (value == null || other == null || (!isObjectLike(value) && !isObjectLike(other))) {
    return value !== value && other !== other;
  }
  return baseIsEqualDeep(value, other, bitmask, customizer, baseIsEqual, stack);
}

module.exports = baseIsEqual;
/*!
 * Font Awesome Free 5.5.0 by @fontawesome
 * https://fontawesome.com
 * License - https://fontawesome.com/license/free (Icons: CC BY 4.0, Fonts: SIL OFL 1.1, Code: MIT License)
 */
var noop = function noop() {};
var _WINDOW = {};
var _DOCUMENT = {};
var _MUTATION_OBSERVER$1 = null;
var _PERFORMANCE = { mark: noop, measure: noop };
if (typeof window !== 'undefined') _WINDOW = window;
if (typeof document !== 'undefined') _DOCUMENT = document;
if (typeof MutationObserver !== 'undefined') _MUTATION_OBSERVER$1 = MutationObserver;
if (typeof performance !== 'undefined') _PERFORMANCE = performance;
catch (e) {}
var _ref = _WINDOW.navigator || {};
var _ref$userAgent = _ref.userAgent;
var userAgent = _ref$userAgent === undefined ? '' : _ref$userAgent;
var WINDOW = _WINDOW;
var DOCUMENT = _DOCUMENT;
var MUTATION_OBSERVER = _MUTATION_OBSERVER$1;
var PERFORMANCE = _PERFORMANCE;
var IS_DOM = !!DOCUMENT.documentElement && !!DOCUMENT.head && typeof DOCUMENT.addEventListener === 'function' && typeof DOCUMENT.createElement === 'function';
var IS_IE = ~userAgent.indexOf('MSIE') || ~userAgent.indexOf('Trident/');
var NAMESPACE_IDENTIFIER = '__FONT_AWESOME__';
var UNITS_IN_GRID = 16;
var DEFAULT_FAMILY_PREFIX = 'fa';
var DEFAULT_REPLACEMENT_CLASS = 'svg-inline--fa';
var DATA_FA_I2SVG = 'data-fa-i2svg';
var DATA_FA_PSEUDO_ELEMENT = 'data-fa-pseudo-element';
var DATA_PREFIX = 'data-prefix';
var DATA_ICON = 'data-icon';
var HTML_CLASS_I2SVG_BASE_CLASS = 'fontawesome-i2svg';
var TAGNAMES_TO_SKIP_FOR_PSEUDOELEMENTS = ['HTML', 'HEAD', 'STYLE', 'SCRIPT'];
var PRODUCTION = function () {
  try {
    return process.env.NODE_ENV === 'production';
  } catch (e) {
    return false;
  }
}();
var oneToTen = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];
var oneToTwenty = oneToTen.concat([11, 12, 13, 14, 15, 16, 17, 18, 19, 20]);
var ATTRIBUTES_WATCHED_FOR_MUTATION = ['class', 'data-prefix', 'data-icon', 'data-fa-transform', 'data-fa-mask'];
var RESERVED_CLASSES = ['xs', 'sm', 'lg', 'fw', 'ul', 'li', 'border', 'pull-left', 'pull-right', 'spin', 'pulse', 'rotate-90', 'rotate-180', 'rotate-270', 'flip-horizontal', 'flip-vertical', 'stack', 'stack-1x', 'stack-2x', 'inverse', 'layers', 'layers-text', 'layers-counter'].concat(oneToTen.map(function (n) {
  return n + 'x';
})).concat(oneToTwenty.map(function (n) {
  return 'w-' + n;
}));
var classCallCheck = function (instance, Constructor) {
  if (!(instance instanceof Constructor)) {
    throw new TypeError("Cannot call a class as a function");
  }
};
var createClass = function () {
  function defineProperties(target, props) {
    for (var i = 0; i < props.length; i++) {
      var descriptor = props[i];
      descriptor.enumerable = descriptor.enumerable || false;
      descriptor.configurable = true;
      if ("value" in descriptor) descriptor.writable = true;
      Object.defineProperty(target, descriptor.key, descriptor);
    }
  }
  return function (Constructor, protoProps, staticProps) {
    if (protoProps) defineProperties(Constructor.prototype, protoProps);
    if (staticProps) defineProperties(Constructor, staticProps);
    return Constructor;
  };
}();
var _extends = Object.assign || function (target) {
  for (var i = 1; i < arguments.length; i++) {
    var source = arguments[i];
    for (var key in source) {
      if (Object.prototype.hasOwnProperty.call(source, key)) {
        target[key] = source[key];
      }
    }
  }
  return target;
};
var slicedToArray = function () {
  function sliceIterator(arr, i) {
    var _arr = [];
    var _n = true;
    var _d = false;
    var _e = undefined;
    try {
      for (var _i = arr[Symbol.iterator](), _s; !(_n = (_s = _i.next()).done); _n = true) {
        _arr.push(_s.value);
        if (i && _arr.length === i) break;
      }
    } catch (err) {
      _d = true;
      _e = err;
    } finally {
      try {
        if (!_n && _i["return"]) _i["return"]();
      } finally {
        if (_d) throw _e;
      }
    }
    return _arr;
  }
  return function (arr, i) {
    if (Array.isArray(arr)) {
      return arr;
    } else if (Symbol.iterator in Object(arr)) {
      return sliceIterator(arr, i);
    } else {
      throw new TypeError("Invalid attempt to destructure non-iterable instance");
    }
  };
}();
var toConsumableArray = function (arr) {
  if (Array.isArray(arr)) {
    for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];
    return arr2;
  } else {
    return

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Array.from(arr);\n };\n\nvar initial = WINDOW.FontAwesomeConfig || {};\n\nfunction getAttrConfig(attr) {\n
var element = DOCUMENT.querySelector('script[' + attr + ']');\n if (element) {\n return
element.getAttribute(attr);\n }\n\nfunction coerce(val) {\n // Getting an empty string will occur if the attribute is
set on the HTML tag but without a value\n // We'll assume that this is an indication that it should be toggled to
true\n // For example <script data-search-pseudo-elements src=\"...\"></script>\n if (val === "") return true;\n if
(val === 'false') return false;\n if (val === 'true') return true;\n return val;\n}\n\nif (DOCUMENT && typeof
DOCUMENT.querySelector === 'function') {\n var attrs = [['data-family-prefix', 'familyPrefix'], ['data-
replacement-class', 'replacementClass'], ['data-auto-replace-svg', 'autoReplaceSvg'], ['data-auto-add-css',
'autoAddCss'], ['data-auto-a11y', 'autoA11y'], ['data-search-pseudo-elements', 'searchPseudoElements'], ['data-
observe-mutations', 'observeMutations'], ['data-keep-original-source', 'keepOriginalSource'], ['data-measure-
performance', 'measurePerformance'], ['data-show-missing-icons', 'showMissingIcons']];\n\n attrs.forEach(function
(_ref) {\n var _ref2 = slicedToArray(_ref, 2),\n attr = _ref2[0],\n key = _ref2[1];\n\n var val =
coerce(getAttrConfig(attr));\n\n if (val !== undefined && val !== null) {\n initial[key] = val;\n }\n
});\n}\n\nvar _default = _extends({\n familyPrefix: DEFAULT_FAMILY_PREFIX,\n replacementClass:
DEFAULT_REPLACEMENT_CLASS,\n autoReplaceSvg: true,\n autoAddCss: true,\n autoA11y: true,\n
searchPseudoElements: false,\n observeMutations: true,\n keepOriginalSource: true,\n measurePerformance:
false,\n showMissingIcons: true\n}, initial);\n\nif (!_default.autoReplaceSvg) _default.observeMutations =
false;\n\nvar config = _extends({}, _default);\n\nWINDOW.FontAwesomeConfig = config;\n\nvar w = WINDOW ||
{};\n\nif (!w[NAMESPACE_IDENTIFIER]) w[NAMESPACE_IDENTIFIER] = {};\n\nif
(!w[NAMESPACE_IDENTIFIER].styles) w[NAMESPACE_IDENTIFIER].styles = {};\n\nif
(!w[NAMESPACE_IDENTIFIER].hooks) w[NAMESPACE_IDENTIFIER].hooks = {};\n\nif
(!w[NAMESPACE_IDENTIFIER].shims) w[NAMESPACE_IDENTIFIER].shims = [];\n\nvar namespace =
w[NAMESPACE_IDENTIFIER];\n\nvar functions = [];\n\nvar listener = function listener() {\n
DOCUMENT.removeEventListener('DOMContentLoaded', listener);\n loaded = 1;\n functions.map(function (fn)
{\n return fn();\n });\n};\n\nvar loaded = false;\n\nif (IS_DOM) {\n loaded =
(DOCUMENT.documentElement.doScroll ? /^loaded|^c/ : /^loaded|^i|^c/).test(DOCUMENT.readyState);\n\n if
(!loaded) DOCUMENT.addEventListener('DOMContentLoaded', listener);\n\nvar domready = function (fn) {\n
if (!IS_DOM) return;\n loaded ? setTimeout(fn, 0) : functions.push(fn);\n};\n\nvar d = UNITS_IN_GRID;\n\nvar
meaninglessTransform = {\n size: 16,\n x: 0,\n y: 0,\n rotate: 0,\n flipX: false,\n flipY: false\n};\n\nfunction
isReserved(name) {\n return ~RESERVED_CLASSES.indexOf(name);\n}\n\n\nfunction insertCss(css) {\n if
(!css || !IS_DOM) {\n return;\n }\n\n var style = DOCUMENT.createElement('style');\n style.setAttribute('type',
'text/css');\n style.innerHTML = css;\n\n var headChildren = DOCUMENT.head.childNodes;\n var beforeChild =
null;\n\n for (var i = headChildren.length - 1; i > -1; i--) {\n var child = headChildren[i];\n var tagName =
(child.tagName || '').toUpperCase();\n if (['STYLE', 'LINK'].indexOf(tagName) > -1) {\n beforeChild = child;\n
}\n }\n\n DOCUMENT.head.insertBefore(style, beforeChild);\n\n return css;\n}\n\nvar idPool =
'0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ';\n\nfunction nextUniqueId()
{\n var size = 12;\n var id = "";\n while (size-- > 0) {\n id += idPool[Math.random() * 62 | 0];\n }\n return
id;\n}\n\nfunction toArray(obj) {\n var array = [];\n\n for (var i = (obj || []).length >>> 0; i--;) {\n array[i] =
obj[i];\n }\n\n return array;\n}\n\nfunction classArray(node) {\n if (node.classList) {\n return
toArray(node.classList);\n } else {\n return (node.getAttribute('class') || "").split(' ').filter(function (i) {\n return
i;\n });\n }\n}\n\nfunction getIconName(familyPrefix, cls) {\n var parts = cls.split('-');\n var prefix = parts[0];\n
var iconName = parts.slice(1).join('-');\n\n if (prefix === familyPrefix && iconName !== "" &&
!isReserved(iconName)) {\n return iconName;\n } else {\n return null;\n }\n}\n\nfunction htmlEscape(str) {\n
return (" + str).replace(/&/g, '&');\n\n.replace(/"/g, '&quot;');\n\n.replace(/'/g, '&#39;');\n\n.replace(/</g, '&lt;');\n\n.replace(/>/g,
'&gt;');\n}\n\nfunction joinAttributes(attributes) {\n return Object.keys(attributes || {}).reduce(function (acc,
attributeName) {\n return acc + (attributeName + '=' + htmlEscape(attributes[attributeName]) + ' ');\n },
"").trim();\n}\n\nfunction joinStyles(styles) {\n return Object.keys(styles || {}).reduce(function (acc, styleName) {\n
return acc + (styleName + ': ' + styles[styleName] + ';');\n }, "");\n}\n\nfunction transformIsMeaningful(transform)

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{\n return transform.size !== meaninglessTransform.size || transform.x !== meaninglessTransform.x || transform.y
!== meaninglessTransform.y || transform.rotate !== meaninglessTransform.rotate || transform.flipX ||
transform.flipY;\n}\n\nfunction transformForSvg(_ref) {\n var transform = _ref.transform,\n containerWidth =
_ref.containerWidth,\n iconWidth = _ref.iconWidth;\n\n var outer = {\n transform: 'translate(' +
containerWidth / 2 + ' 256)\n };\n var innerTranslate = 'translate(' + transform.x * 32 + ', ' + transform.y * 32 + '
);\n var innerScale = 'scale(' + transform.size / 16 * (transform.flipX ? -1 : 1) + ', ' + transform.size / 16 *
(transform.flipY ? -1 : 1) + ');\n var innerRotate = 'rotate(' + transform.rotate + ' 0 0);\n var inner = {\n
transform: innerTranslate + ' ' + innerScale + ' ' + innerRotate\n };\n var path = {\n transform: 'translate(' +
iconWidth / 2 * -1 + ' -256)\n };\n return {\n outer: outer,\n inner: inner,\n path: path\n };\n}\n\nfunction
transformForCss(_ref2) {\n var transform = _ref2.transform,\n _ref2$width = _ref2.width,\n width =
_ref2$width === undefined ? UNITS_IN_GRID : _ref2$width,\n _ref2$height = _ref2.height,\n height =
_ref2$height === undefined ? UNITS_IN_GRID : _ref2$height,\n _ref2$startCentered = _ref2.startCentered,\n
startCentered = _ref2$startCentered === undefined ? false : _ref2$startCentered;\n\n var val = '';\n\n if
(startCentered && IS_IE) {\n val += 'translate(' + (transform.x / d - width / 2) + 'em, ' + (transform.y / d - height /
2) + 'em)';\n } else if (startCentered) {\n val += 'translate(calc(-50% + ' + transform.x / d + 'em), calc(-50% + ' +
transform.y / d + 'em))';\n } else {\n val += 'translate(' + transform.x / d + 'em, ' + transform.y / d + 'em)';\n }\n}\n\n
val += 'scale(' + transform.size / d * (transform.flipX ? -1 : 1) + ', ' + transform.size / d * (transform.flipY ? -1 : 1) +
')';\n val += 'rotate(' + transform.rotate + 'deg)';\n\n return val;\n}\n\nvar ALL_SPACE = {\n x: 0,\n y: 0,\n
width: '100%',\n height: '100%\n'};\n\nvar makeIconMasking = function (_ref) {\n var children = _ref.children,\n
attributes = _ref.attributes,\n main = _ref.main,\n mask = _ref.mask,\n transform = _ref.transform;\n var
mainWidth = main.width,\n mainPath = main.icon;\n var maskWidth = mask.width,\n maskPath =
mask.icon;\n\n var trans = transformForSvg({ transform: transform, containerWidth: maskWidth, iconWidth:
mainWidth });\n\n var maskRect = {\n tag: 'rect',\n attributes: _extends({}, ALL_SPACE, {\n fill: 'white'\n
})\n };\n var maskInnerGroup = {\n tag: 'g',\n attributes: _extends({}, trans.inner),\n children: [{ tag: 'path',
attributes: _extends({}, mainPath.attributes, trans.path, { fill: 'black' }) }\n ]\n };\n var maskOuterGroup = {\n tag:
'g',\n attributes: _extends({}, trans.outer),\n children: [maskInnerGroup]\n };\n var maskId = 'mask-' +
nextUniqueId();\n var clipId = 'clip-' + nextUniqueId();\n var maskTag = {\n tag: 'mask',\n attributes:
_extends({}, ALL_SPACE, {\n id: maskId,\n maskUnits: 'userSpaceOnUse',\n maskContentUnits:
'userSpaceOnUse'\n }),\n children: [maskRect, maskOuterGroup]\n };\n var defs = {\n tag: 'defs',\n
children: [{ tag: 'clipPath', attributes: { id: clipId }, children: [maskPath] }, maskTag]\n };\n\n children.push(defs, {\n
tag: 'rect', attributes: _extends({ fill: 'currentColor', 'clip-path': 'url(#' + clipId + ')', mask: 'url(#' + maskId + ')',
ALL_SPACE });\n\n return {\n children: children,\n attributes: attributes\n };\n};\n\nvar makeIconStandard =
function (_ref) {\n var children = _ref.children,\n attributes = _ref.attributes,\n main = _ref.main,\n
transform = _ref.transform,\n styles = _ref.styles;\n\n var styleString = joinStyles(styles);\n\n if
(styleString.length > 0) {\n attributes['style'] = styleString;\n }\n\n if (transformIsMeaningful(transform)) {\n
var trans = transformForSvg({ transform: transform, containerWidth: main.width, iconWidth: main.width });\n
children.push({\n tag: 'g',\n attributes: _extends({}, trans.outer),\n children: [{\n tag: 'g',\n
attributes: _extends({}, trans.inner),\n children: [{\n tag: main.icon.tag,\n children:
main.icon.children,\n attributes: _extends({}, main.icon.attributes, trans.path)\n }]\n }]\n });\n } else
{\n children.push(main.icon);\n }\n\n return {\n children: children,\n attributes: attributes\n };\n};\n\nvar
asIcon = function (_ref) {\n var children = _ref.children,\n main = _ref.main,\n mask = _ref.mask,\n
attributes = _ref.attributes,\n styles = _ref.styles,\n transform = _ref.transform;\n\n if
(transformIsMeaningful(transform) && main.found && !mask.found) {\n var width = main.width,\n height =
main.height;\n\n var offset = {\n x: width / height / 2,\n y: 0.5\n };\n attributes['style'] =
joinStyles(_extends({}, styles, {\n 'transform-origin': offset.x + transform.x / 16 + 'em ' + (offset.y + transform.y /
16) + 'em'\n }));\n }\n\n return [{\n tag: 'svg',\n attributes: attributes,\n children: children\n }];\n}\n\nvar
asSymbol = function (_ref) {\n var prefix = _ref.prefix,\n iconName = _ref.iconName,\n children =
_ref.children,\n attributes = _ref.attributes,\n symbol = _ref.symbol;\n\n var id = symbol === true ? prefix + '-

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'+ config.familyPrefix + '-' + iconName : symbol;\n\n return [{\n  tag: 'svg',\n  attributes: {\n    style: 'display: none;\n  },\n  children: [{\n    tag: 'symbol',\n    attributes: _extends({}, attributes, { id: id }),\n    children: children\n  }]\n}];\n\nfunction makeInlineSvgAbstract(params) {\n  var _params$icons = params.icons,\n  main = _params$icons.main,\n  mask = _params$icons.mask,\n  prefix = params.prefix,\n  iconName = params.iconName,\n  transform = params.transform,\n  symbol = params.symbol,\n  title = params.title,\n  extra = params.extra,\n  _params$watchable = params.watchable,\n  watchable = _params$watchable === undefined ? false : _params$watchable;\n\n  var _ref = mask.found ? mask : main,\n  width = _ref.width,\n  height = _ref.height;\n\n  var widthClass = 'fa-w-' + Math.ceil(width / height * 16);\n  var attrClass = [config.replacementClass, iconName ? config.familyPrefix + '-' + iconName : '', widthClass].filter(function (c) {\n    return extra.classes.indexOf(c) === -1;\n  }).concat(extra.classes).join(' ');\n\n  var content = {\n    children: [],\n    attributes: _extends({}, extra.attributes, {\n      'data-prefix': prefix,\n      'data-icon': iconName,\n      'class': attrClass,\n      'role': 'img',\n      'xmlns': 'http://www.w3.org/2000/svg',\n      'viewBox': '0 0 ' + width + ' ' + height\n    })\n  };\n\n  if (watchable) {\n    content.attributes[DATA_FA_I2SVG] = '';\n  }\n\n  if (title) content.children.push({ tag: 'title', attributes: { id: content.attributes['aria-labelledby'] || 'title-' + nextUniqueId() }, children: [title] });\n\n  var args = _extends({}, content, {\n    prefix: prefix,\n    iconName: iconName,\n    main: main,\n    mask: mask,\n    transform: transform,\n    symbol: symbol,\n    styles: extra.styles\n  });\n\n  var _ref2 = mask.found && main.found ? makeIconMasking(args) : makeIconStandard(args),\n  children = _ref2.children,\n  attributes = _ref2.attributes;\n\n  args.children = children;\n  args.attributes = attributes;\n\n  if (symbol) {\n    return asSymbol(args);\n  } else {\n    return asIcon(args);\n  }\n}\n\nfunction makeLayersTextAbstract(params) {\n  var content = params.content,\n  width = params.width,\n  height = params.height,\n  transform = params.transform,\n  title = params.title,\n  extra = params.extra,\n  _params$watchable2 = params.watchable,\n  watchable = _params$watchable2 === undefined ? false : _params$watchable2;\n\n  var attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n    'class': extra.classes.join(' ')\n  });\n\n  if (watchable) {\n    attributes[DATA_FA_I2SVG] = '';\n  }\n\n  var styles = _extends({}, extra.styles);\n\n  if (transformIsMeaningful(transform)) {\n    styles['transform'] = transformForCss({ transform: transform, startCentered: true, width: width, height: height });\n    styles['-webkit-transform'] = styles['transform'];\n  }\n\n  var styleString = joinStyles(styles);\n\n  if (styleString.length > 0) {\n    attributes['style'] = styleString;\n  }\n\n  var val = [];\n\n  val.push({\n    tag: 'span',\n    attributes: attributes,\n    children: [content]\n  });\n\n  if (title) {\n    val.push({\n    tag: 'span',\n    attributes: { class: 'sr-only' },\n    children: [title]\n  });\n  }\n\n  return val;\n}\n\nfunction makeLayersCounterAbstract(params) {\n  var content = params.content,\n  title = params.title,\n  extra = params.extra;\n\n  var attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n    'class': extra.classes.join(' ')\n  });\n\n  var styleString = joinStyles(extra.styles);\n\n  if (styleString.length > 0) {\n    attributes['style'] = styleString;\n  }\n\n  var val = [];\n\n  val.push({\n    tag: 'span',\n    attributes: attributes,\n    children: [content]\n  });\n\n  if (title) {\n    val.push({\n    tag: 'span',\n    attributes: { class: 'sr-only' },\n    children: [title]\n  });\n  }\n\n  return val;\n}\n\nvar noop$2 = function noop() {};\nvar p = config.measurePerformance && PERFORMANCE && PERFORMANCE.mark && PERFORMANCE.measure ? PERFORMANCE : { mark: noop$2, measure: noop$2 };\nvar preamble = 'FA \\\"5.5.0\\\"';\nvar begin = function begin(name) {\n  p.mark(preamble + ' ' + name + ' begins');\n  return function () {\n    return end(name);\n  };\n};\nvar end = function end(name) {\n  p.mark(preamble + ' ' + name + ' ends');\n  p.measure(preamble + ' ' + name, preamble + ' ' + name + ' begins', preamble + ' ' + name + ' ends');\n};\n\nvar perf = { begin: begin, end: end };\n\n'use strict';\n\n/**\n * Internal helper to bind a function known to have 4 arguments\n * to a given context.\n */\nvar bindInternal4 = function bindInternal4 (func, thisContext) {\n  return function (a, b, c, d) {\n    return func.call(thisContext, a, b, c, d);\n  };\n};\n\n'use strict';\n\n/**\n * # Reduce\n * * A fast object `.reduce()` implementation.\n * @param {Object} subject The object to reduce over.\n * @param {Function} fn The reducer function.\n * @param {mixed} initialValue The initial value for the reducer, defaults to subject[0].\n * @param {Object} thisContext The context for the reducer.\n * @return {mixed} The final result.\n */\nvar reduce = function fastReduceObject (subject, fn, initialValue, thisContext) {\n  var keys = Object.keys(subject),\n  length = keys.length,\n  iterator = thisContext !== undefined ? bindInternal4(fn,

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thisContext) : fn,
  i, key, result;
  if (initialValue === undefined) {
    i = 1;
    result = subject[keys[0]];
  }
  else {
    i = 0;
    result = initialValue;
  }
  for (; i < length; i++) {
    key = keys[i];
    result =
      iterator(result, subject[key], key, subject);
  }
  return result;
};

var styles$2 = namespace.styles;
var shims = namespace.shims;
var _byUnicode = {};
var _byLigature = {};
var _byOldName = {};
var build =
function build() {
  var lookup = function lookup(reducer) {
    return reduce(styles$2, function (o, style, prefix) {
      o[prefix] = reduce(style, reducer, {});
      return o;
    }, {});
  };
  _byUnicode = lookup(function (acc, icon, iconName) {
    acc[icon[3]] = iconName;
    return acc;
  });
  _byLigature = lookup(function (acc, icon, iconName) {
    var ligatures = icon[2];
    acc[iconName] = iconName;
    ligatures.forEach(function (ligature) {
      acc[ligature] = iconName;
    });
    var hasRegular = 'far' in styles$2;
    _byOldName = reduce(shims, function (acc, shim) {
      var oldName = shim[0];
      var prefix = shim[1];
      var iconName = shim[2];
      if (prefix === 'far' && !hasRegular) {
        prefix = 'fas';
      }
      acc[oldName] = {
        prefix: prefix, iconName: iconName };
      return acc;
    }, {});
  };
  build();
  function byUnicode(prefix, unicode) {
    return _byUnicode[prefix][unicode];
  }
  function byLigature(prefix, ligature) {
    return _byLigature[prefix][ligature];
  }
  function byOldName(name) {
    return _byOldName[name] || { prefix: null, iconName: null };
  }
  var styles$1 = namespace.styles;
  var emptyCanonicalIcon =
function emptyCanonicalIcon() {
  return { prefix: null, iconName: null, rest: [] };
};
  function getCanonicalIcon(values) {
    return values.reduce(function (acc, cls) {
      var iconName = getIconName(config.familyPrefix, cls);
      if (styles$1[cls]) {
        acc.prefix = cls;
      }
      else if (iconName) {
        var shim = acc.prefix === 'fa' ?
          byOldName(iconName) : {};
        acc.iconName = shim.iconName || iconName;
        acc.prefix = shim.prefix ||
          acc.prefix;
      }
      else if (cls !== config.replacementClass &&
        cls.indexOf('fa-w-') !== 0) {
        acc.rest.push(cls);
      }
      return acc;
    }, emptyCanonicalIcon());
  }
  function iconFromMapping(mapping, prefix, iconName) {
    if (mapping && mapping[prefix] &&
      mapping[prefix][iconName]) {
      return {
        prefix: prefix,
        iconName: iconName,
        icon: mapping[prefix][iconName]
      };
    }
  }
  function toHtml(abstractNodes) {
    var tag = abstractNodes.tag,
        _abstractNodes$attrib = abstractNodes.attributes,
        attributes =
        _abstractNodes$attrib === undefined ? {} :
        _abstractNodes$attrib,
        _abstractNodes$childr =
        abstractNodes.children,
        children =
        _abstractNodes$childr === undefined ? [] :
        _abstractNodes$childr;
    if (typeof abstractNodes === 'string') {
      return htmlEscape(abstractNodes);
    }
    else {
      return '<' + tag + ' ' +
        joinAttributes(attributes) + '>' +
        children.map(toHtml).join("") + '<' + tag + '>';
    }
  }
  var noop$1 =
function noop() {};
  function isWatched(node) {
    var i2svg = node.getAttribute ?
      node.getAttribute(DATA_FA_I2SVG) :
      null;
    return typeof i2svg === 'string';
  }
  function getMutator() {
    if (config.autoReplaceSvg === true) {
      return mutators.replace;
    }
    var mutator = mutators[config.autoReplaceSvg];
    return mutator || mutators.replace;
  }
  var mutators = {
    replace:
function replace(mutation) {
  var node = mutation[0];
  var abstract = mutation[1];
  var newOuterHTML = abstract.map(function (a) {
    return toHtml(a);
  }).join("\n");
  if (node.parentNode && node.outerHTML) {
    node.outerHTML = newOuterHTML +
      (config.keepOriginalSource &&
        node.tagName.toLowerCase() !== 'svg' ?
        '<!-- ' + node.outerHTML + '-->');
  }
  else if (node.parentNode) {
    var newNode = document.createElement('span');
    node.parentNode.replaceChild(newNode, node);
    newNode.outerHTML = newOuterHTML;
  }
}
  },
    nest:
function nest(mutation) {
  var node = mutation[0];
  var abstract = mutation[1];
  // If we already have a
  replaced node we do not want to continue nesting within it.
  // Short-circuit to the standard replacement
  if (~classArray(node).indexOf(config.replacementClass)) {
    return mutators.replace(mutation);
  }
  var forSvg =
new RegExp(config.familyPrefix + '-.*');
  delete abstract[0].attributes.style;
  var splitClasses =
abstract[0].attributes.class.split(' ').reduce(function (acc, cls) {
    if (cls === config.replacementClass ||
      cls.match(forSvg)) {
      acc.toSvg.push(cls);
    }
    else {
      acc.toNode.push(cls);
    }
  }, { toNode: [], toSvg: [] });
  abstract[0].attributes.class =
splitClasses.toSvg.join(' ');
  var newInnerHTML =
abstract.map(function (a) {
    return toHtml(a);
  }).join("\n");
  node.setAttribute('class',
splitClasses.toNode.join(' '));
  node.setAttribute(DATA_FA_I2SVG, "");
  node.innerHTML =
newInnerHTML;
}
};
  function perform(mutations, callback) {
    var callbackFunction =
typeof callback === 'function' ?
callback :
noop$1;
    if (mutations.length === 0) {
      callbackFunction();
    }
    else {
      var frame =

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WINDOW.requestAnimationFrame || function (op) {\n  return op();\n  };\n\n frame(function () {\n  var
mutator = getMutator();\n  var mark = perf.begin('mutate');\n\n  mutations.map(mutator);\n\n  mark();\n\n
callbackFunction();\n  });\n  }\n}\n\n\nvar disabled = false;\n\nfunction disableObservation(operation) {\n disabled
= true;\n operation();\n disabled = false;\n}\n\n\nvar mo = null;\n\nfunction observe(options) {\n if
(!MUTATION_OBSERVER) {\n  return;\n  }\n\n  if (!config.observeMutations) {\n  return;\n  }\n\n  var
treeCallback = options.treeCallback,\n  nodeCallback = options.nodeCallback,\n  pseudoElementsCallback =
options.pseudoElementsCallback,\n  _options$observeMutat = options.observeMutationsRoot,\n
observeMutationsRoot = _options$observeMutat === undefined ? DOCUMENT.body :
_options$observeMutat;\n\n\n  mo = new MUTATION_OBSERVER(function (objects) {\n  if (disabled)
return;\n\n  toArray(objects).forEach(function (mutationRecord) {\n  if (mutationRecord.type === 'childList'
&& mutationRecord.addedNodes.length > 0 && !isWatched(mutationRecord.addedNodes[0])) {\n  if
(config.searchPseudoElements) {\n    pseudoElementsCallback(mutationRecord.target);\n  }\n\n
treeCallback(mutationRecord.target);\n  }\n\n  if (mutationRecord.type === 'attributes' &&
mutationRecord.target.parentNode && config.searchPseudoElements) {\n
pseudoElementsCallback(mutationRecord.target.parentNode);\n  }\n\n  if (mutationRecord.type === 'attributes'
&& isWatched(mutationRecord.target) &&
~ATTRIBUTES_WATCHED_FOR_MUTATION.indexOf(mutationRecord.attributeName)) {\n  if
(mutationRecord.attributeName === 'class') {\n    var _getCanonicalIcon =
getCanonicalIcon(classArray(mutationRecord.target)),\n    prefix = _getCanonicalIcon.prefix,\n
iconName = _getCanonicalIcon.iconName;\n\n    if (prefix) mutationRecord.target.setAttribute('data-prefix',
prefix);\n    if (iconName) mutationRecord.target.setAttribute('data-icon', iconName);\n  } else {\n
nodeCallback(mutationRecord.target);\n  }\n  }\n  });\n  });\n\n  if (!IS_DOM) return;\n\n
mo.observe(observeMutationsRoot, {\n  childList: true, attributes: true, characterData: true, subtree: true\n
});\n\n}\n\n\nfunction disconnect() {\n if (!mo) return;\n\n  mo.disconnect();\n}\n\n\nvar styleParser = function (node) {\n
var style = node.getAttribute('style');\n\n  var val = [];\n\n  if (style) {\n  val = style.split(';').reduce(function (acc,
style) {\n  var styles = style.split(';');\n  var prop = styles[0];\n  var value = styles.slice(1);\n\n  if (prop &&
value.length > 0) {\n  acc[prop] = value.join(';').trim();\n  }\n\n  return acc;\n  }, {});\n  }\n\n  return
val;\n};\n\n\nfunction toHex(unicode) {\n var result = '';\n\n  for (var i = 0; i < unicode.length; i++) {\n  var hex =
unicode.charCodeAtAt(i).toString(16);\n  result += ('000' + hex).slice(-4);\n  }\n\n  return result;\n}\n\n\nvar
classParser = function (node) {\n var existingPrefix = node.getAttribute('data-prefix');\n var existingIconName =
node.getAttribute('data-icon');\n var innerText = node.innerText !== undefined ? node.innerText.trim() : '';\n var
val = getCanonicalIcon(classArray(node));\n\n  if (existingPrefix && existingIconName) {\n  val.prefix =
existingPrefix;\n  val.iconName = existingIconName;\n  }\n\n  if (val.prefix && innerText.length > 1) {\n
val.iconName = byLigature(val.prefix, node.innerText);\n  } else if (val.prefix && innerText.length === 1) {\n
val.iconName = byUnicode(val.prefix, toHex(node.innerText));\n  }\n\n  return val;\n};\n\n\nvar
parseTransformString = function parseTransformString(transformString) {\n var transform = {\n  size: 16,\n  x:
0,\n  y: 0,\n  flipX: false,\n  flipY: false,\n  rotate: 0\n  };\n\n  if (!transformString) {\n  return transform;\n  }
else {\n  return transformString.toLowerCase().split(' ').reduce(function (acc, n) {\n  var parts =
n.toLowerCase().split('-');\n  var first = parts[0];\n  var rest = parts.slice(1).join('-');\n\n  if (first && rest ===
'h') {\n  acc.flipX = true;\n  return acc;\n  }\n\n  if (first && rest === 'v') {\n  acc.flipY = true;\n
return acc;\n  }\n\n  rest = parseFloat(rest);\n\n  if (isNaN(rest)) {\n  return acc;\n  }\n\n  switch
(first) {\n  case 'grow':\n  acc.size = acc.size + rest;\n  break;\n  case 'shrink':\n  acc.size =
acc.size - rest;\n  break;\n  case 'left':\n  acc.x = acc.x - rest;\n  break;\n  case 'right':\n
acc.x = acc.x + rest;\n  break;\n  case 'up':\n  acc.y = acc.y - rest;\n  break;\n  case 'down':\n
acc.y = acc.y + rest;\n  break;\n  case 'rotate':\n  acc.rotate = acc.rotate + rest;\n  break;\n
}\n\n  return acc;\n  }, transform);\n  }\n  });\n\n\nvar transformParser = function (node) {\n return
parseTransformString(node.getAttribute('data-fa-transform'));\n};\n\n\nvar symbolParser = function (node) {\n var
symbol = node.getAttribute('data-fa-symbol');\n\n  return symbol === null ? false : symbol === '' ? true :

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symbol;\n};\n\nvar attributesParser = function (node) {\n  var extraAttributes =
toArray(node.attributes).reduce(function (acc, attr) {\n    if (acc.name !== 'class' && acc.name !== 'style') {\n
acc[attr.name] = attr.value;\n    }\n    return acc;\n  }, {});\n\n  var title = node.getAttribute('title');\n\n  if
(config.autoA11y) {\n    if (title) {\n      extraAttributes['aria-labelledby'] = config.replacementClass + '-title-' +
nextUniqueId();\n    } else {\n      extraAttributes['aria-hidden'] = 'true';\n    }\n  }\n\n  return
extraAttributes;\n};\n\nvar maskParser = function (node) {\n  var mask = node.getAttribute('data-fa-mask');\n  if
(!mask) {\n    return emptyCanonicalIcon();\n  } else {\n    return getCanonicalIcon(mask.split(' ').map(function (i)
{\n      return i.trim();\n    }));\n  }\n};\n\nvar blankMeta = {\n  iconName: null,\n  title: null,\n  prefix: null,\n
transform: meaninglessTransform,\n  symbol: false,\n  mask: null,\n  extra: { classes: [], styles: {}, attributes: {}
}\n};\n\nfunction parseMeta(node) {\n  var _classParser = classParser(node),\n    iconName =
_classParser.iconName,\n    prefix = _classParser.prefix,\n    extraClasses = _classParser.rest;\n\n  var extraStyles
= styleParser(node);\n  var transform = transformParser(node);\n  var symbol = symbolParser(node);\n  var
extraAttributes = attributesParser(node);\n  var mask = maskParser(node);\n\n  return {\n    iconName: iconName,\n
title: node.getAttribute('title'),\n    prefix: prefix,\n    transform: transform,\n    symbol: symbol,\n    mask: mask,\n
extra: {\n      classes: extraClasses,\n      styles: extraStyles,\n      attributes: extraAttributes\n    }\n  };\n}\n\nfunction
MissingIcon(error) {\n  this.name = 'MissingIcon';\n  this.message = error || 'Icon unavailable';\n  this.stack = new
Error().stack;\n}\n\nMissingIcon.prototype = Object.create(Error.prototype);\nMissingIcon.prototype.constructor =
MissingIcon;\n\nvar FILL = { fill: 'currentColor' };\nvar ANIMATION_BASE = {\n  attributeType: 'XML',\n
repeatCount: 'indefinite',\n  dur: '2s'\n};\nvar RING = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n    d:
'M156.5,447.7l-12.6,29.5c-18.7-9.5-35.9-21.2-51.5-34.9l22.7-22.7c127.6,430.5,141.5,440,156.5,447.7z
M40.6,272H8.5c1.4,21.2,5.4,41.7,11.7,61.1L50,321.2C45.1,305.5,41.8,289,40.6,272z M40.6,240c1.4-18.8,5.2-
37,11.1-54.1l-29.5-12.6C14.7,194.3,10,216.7,8.5,240H40.6z M64.3,156.5c7.8-14.9,17.2-28.8,28.1-
41.5L69.7,92.3c-13.7,15.6-25.5,32.8-34.9,51.5L64.3,156.5z M397,419.6c-13.9,12-29.4,22.3-
46.1,30.4l11.9,29.8c20.7-9.9,39.8-22.6,56.9-37.6L397,419.6z M115,92.4c13.9-12,29.4-22.3,46.1-30.4l-11.9-29.8c-
20.7,9.9-39.8,22.6-56.8,37.6L115,92.4z M447.7,355.5c-7.8,14.9-17.2,28.8-28.1,41.5l22.7,22.7c13.7-15.6,25.5-
32.9,34.9-51.5L447.7,355.5z M471.4,272c-1.4,18.8-5.2,37-11.1,54.1l29.5,12.6c7.5-21.1,12.2-43.5,13.6-
66.8H471.4z M321.2,462c-15.7,5-32.2,8.2-49.2,9.4v32.1c21.2-1.4,41.7-5.4,61.1-11.7L321.2,462z M240,471.4c-
18.8-1.4-37.5-2-54.1-11.1l-12.6,29.5c21.1,7.5,43.5,12.2,66.8,13.6V471.4z
M462,190.8c5,15.7,8.2,32.2,9.4,49.2h32.1c-1.4-21.2-5.4-41.7-11.7-61.1L462,190.8z M92.4,397c-12-13.9-22.3-
29.4-30.4-46.1l-29.8,11.9c9.9,20.7,22.6,39.8,37.6,56.9L92.4,397z M272,40.6c18.8,1.4,36.9,5.2,54.1,11.1l12.6-
29.5C317.7,14.7,295.3,10,272,8.5V40.6z M190.8,50c15.7-5,32.2-8.2,49.2-9.4V8.5c-21.2,1.4-41.7,5.4-
61.1,11.7L190.8,50z M442.3,92.3L419.6,115c12,13.9,22.3,29.4,30.5,46.1l29.8-
11.9C470,128.5,457.3,109.4,442.3,92.3z M397,92.4l22.7-22.7c-15.6-13.7-32.8-25.5-51.5-34.9l-12.6,29.5
C370.4,72.1,384.4,81.5,397,92.4z\n  }}\n};\n\nvar OPACITY_ANIMATE = _extends({}, ANIMATION_BASE, {\n
attributeName: 'opacity'\n});\n\nvar DOT = {\n  tag: 'circle',\n  attributes: _extends({}, FILL, {\n    cx: '256',\n    cy:
'364',\n    r: '28'\n  }),\n  children: [{ tag: 'animate', attributes: _extends({}, ANIMATION_BASE, { attributeName:
'r', values: '28;14;28;28;14;28;' }) }, { tag: 'animate', attributes: _extends({}, OPACITY_ANIMATE, { values:
'1;0;1;1;0;1;' }) }]\n};\n\nvar QUESTION = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n    opacity: '1',\n    d:
'M263.7,312h-16c-6.6,0-12-5.4-12-12c0-71,77.4-63.9,77.4-107.8c0-20-17.8-40.2-57.4-40.2c-29.1,0-44.3,9.6-
59.2,28.7c-3.9,5-11.1,6-16.2,2.4l-13.1-9.2c-5.6-3.9-6.9-11.8-2.6-17.2c21.2-27.2,46.4-44.7,91.2-
44.7c52.3,0,97.4,29.8,97.4,80.2c0,67.6-77.4,63.5-77.4,107.8C275.7,306.6,270.3,312,263.7,312z\n  })),\n  children:
[{\n    tag: 'animate',\n    attributes: _extends({}, OPACITY_ANIMATE, {\n      values: '1;0;0;0;1;'
    })\n  }]\n};\n\nvar EXCLAMATION = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n    opacity: '0',\n    d:
'M232.5,134.5l7,168c0.3,6.4,5.6,11.5,12,11.5h9c6.4,0,11.7-5.1,12-11.5l7-168c0.3-6.8,5.2-12.5,12-12.5h-23
C237.7,122,232.2,127.7,232.5,134.5z\n  })),\n  children: [{ tag: 'animate', attributes: _extends({},
OPACITY_ANIMATE, { values: '0;0;1;1;0;0;' }) }]\n};\n\nvar missing = { tag: 'g', children: [RING, DOT,
QUESTION, EXCLAMATION] };\n\nvar styles = namespace.styles;\n\nvar LAYERS_TEXT_CLASSNAME = 'fa-
layers-text';\n\nvar FONT_FAMILY_PATTERN = /Font Awesome 5 (Solid|Regular|Light|Brands|Free|Pro)/;\n\nvar

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STYLE_TO_PREFIX = {\n 'Solid': 'fas',\n 'Regular': 'far',\n 'Light': 'fal',\n 'Brands': 'fab'\n};\nvar
FONT_WEIGHT_TO_PREFIX = {\n '900': 'fas',\n '400': 'far',\n '300': 'fal'\n};\n\nfunction findIcon(iconName,
prefix) {\n var val = {\n found: false,\n width: 512,\n height: 512,\n icon: missing\n };;\n\n if (iconName
&& prefix && styles[prefix] && styles[prefix][iconName]) {\n var icon = styles[prefix][iconName];\n var
width = icon[0];\n var height = icon[1];\n var vectorData = icon.slice(4);\n\n val = {\n found: true,\n
width: width,\n height: height,\n icon: { tag: 'path', attributes: { fill: 'currentColor', d: vectorData[0] } }\n
};;\n } else if (iconName && prefix && !config.showMissingIcons) {\n throw new MissingIcon('Icon is missing
for prefix ' + prefix + ' with icon name ' + iconName);\n }\n\n return val;\n}\n\nfunction
generateSvgReplacementMutation(node, nodeMeta) {\n var iconName = nodeMeta.iconName,\n title =
nodeMeta.title,\n prefix = nodeMeta.prefix,\n transform = nodeMeta.transform,\n symbol =
nodeMeta.symbol,\n mask = nodeMeta.mask,\n extra = nodeMeta.extra;\n\n\n return [node,
makeInlineSvgAbstract({\n icons: {\n main: findIcon(iconName, prefix),\n mask: findIcon(mask.iconName,
mask.prefix)\n },\n prefix: prefix,\n iconName: iconName,\n transform: transform,\n symbol: symbol,\n
mask: mask,\n title: title,\n extra: extra,\n watchable: true\n })];;\n}\n\nfunction generateLayersText(node,
nodeMeta) {\n var title = nodeMeta.title,\n transform = nodeMeta.transform,\n extra = nodeMeta.extra;\n\n\n
var width = null;\n var height = null;\n\n if (IS_IE) {\n var computedFontSize =
parseInt(getComputedStyle(node).fontSize, 10);\n var boundingClientRect = node.getBoundingClientRect();\n
width = boundingClientRect.width / computedFontSize;\n height = boundingClientRect.height /
computedFontSize;\n }\n\n if (config.autoA11y && !title) {\n extra.attributes['aria-hidden'] = 'true';\n }\n\n
return [node, makeLayersTextAbstract({\n content: node.innerHTML,\n width: width,\n height: height,\n
transform: transform,\n title: title,\n extra: extra,\n watchable: true\n })];;\n}\n\nfunction
generateMutation(node) {\n var nodeMeta = parseMeta(node);\n\n if
(~nodeMeta.extra.classes.indexOf(LAYERS_TEXT_CLASSNAME)) {\n return generateLayersText(node,
nodeMeta);\n } else {\n return generateSvgReplacementMutation(node, nodeMeta);\n }\n}\n\nfunction
searchPseudoElements(root) {\n if (!IS_DOM) return;\n\n var end = perf.begin('searchPseudoElements');\n\n
disableObservation(function () {\n toArray(root.querySelectorAll('*')).filter(function (n) {\n return
n.parentNode !== document.head &&
!~TAGNAMES_TO_SKIP_FOR_PSEUDOELEMENTS.indexOf(n.tagName.toUpperCase()) &&
!n.getAttribute(DATA_FA_PSEUDO_ELEMENT) && (!n.parentNode || n.parentNode.tagName !== 'svg');\n
}).forEach(function (node) {\n ['before', 'after'].forEach(function (pos) {\n var children =
toArray(node.children);\n var alreadyProcessedPseudoElement = children.filter(function (c) {\n return
c.getAttribute(DATA_FA_PSEUDO_ELEMENT) === pos;\n })[0];\n\n var styles =
WINDOW.getComputedStyle(node, pos);\n var fontFamily = styles.getPropertyValue('font-
family').match(FONT_FAMILY_PATTERN);\n var fontWeight = styles.getPropertyValue('font-weight');\n\n
if (alreadyProcessedPseudoElement && !fontFamily) {\n // If we've already processed it but the current
computed style does not result in a font-family,\n // that probably means that a class name that was previously
present to make the icon has been\n // removed. So we now should delete the icon.\n
node.removeChild(alreadyProcessedPseudoElement);\n } else if (fontFamily) {\n var content =
styles.getPropertyValue('content');\n var prefix = ~['Light', 'Regular', 'Solid', 'Brands'].indexOf(fontFamily[1])
? STYLE_TO_PREFIX[fontFamily[1]] : FONT_WEIGHT_TO_PREFIX[fontWeight];\n var iconName =
byUnicode(prefix, toHex(content.length === 3 ? content.substr(1, 1) : content));\n // Only convert the pseudo
element in this :before/:after position into an icon if we haven't\n // already done so with the same prefix and
iconName\n if (!alreadyProcessedPseudoElement ||
alreadyProcessedPseudoElement.getAttribute(DATA_PREFIX) !== prefix ||
alreadyProcessedPseudoElement.getAttribute(DATA_ICON) !== iconName) {\n if
(alreadyProcessedPseudoElement) {\n // Delete the old one, since we're replacing it with a new one\n
node.removeChild(alreadyProcessedPseudoElement);\n }\n\n var extra = blankMeta.extra;\n\n
extra.attributes[DATA_FA_PSEUDO_ELEMENT] = pos;\n var abstract =

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makeInlineSvgAbstract(_extends({}, blankMeta, {\n      icons: {\n      main: findIcon(iconName,
prefix),\n      mask: emptyCanonicalIcon()\n      },\n      prefix: prefix,\n      iconName:
iconName,\n      extra: extra,\n      watchable: true\n      }));\n\n      var element =
DOCUMENT.createElement('svg');\n\n      if (pos === 'before') {\n      node.insertBefore(element,
node.firstChild);\n      } else {\n      node.appendChild(element);\n      }\n\n      element.outerHTML
= abstract.map(function (a) {\n      return toHtml(a);\n      }).join("\n");\n      }\n      });\n      });\n      });\n\n      end();\n      }\n\n      function onTree(root) {\n      var callback = arguments.length > 1 && arguments[1] !==
undefined ? arguments[1] : null;\n\n      if (!IS_DOM) return;\n\n      var htmlClassList =
DOCUMENT.documentElement.classList;\n      var hclAdd = function hclAdd(suffix) {\n      return
htmlClassList.add(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n      };\n      var hclRemove = function
hclRemove(suffix) {\n      return htmlClassList.remove(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n
      };\n      var prefixes = Object.keys(styles);\n      var prefixesDomQuery = ['.' + LAYERS_TEXT_CLASSNAME + ':not(['
+ DATA_FA_I2SVG + '])'].concat(prefixes.map(function (p) {\n      return '.' + p + ':not([' + DATA_FA_I2SVG +
'])';\n      })).join(',');\n\n      if (prefixesDomQuery.length === 0) {\n      return;\n      }\n\n      var candidates =
toArray(root.querySelectorAll(prefixesDomQuery));\n\n      if (candidates.length > 0) {\n      hclAdd('pending');\n      hclRemove('complete');\n      } else {\n      return;\n      }\n\n      var mark = perf.begin('onTree');\n\n      var mutations =
candidates.reduce(function (acc, node) {\n      try {\n      var mutation = generateMutation(node);\n\n      if (mutation)
{\n      acc.push(mutation);\n      }\n      } catch (e) {\n      if (!PRODUCTION) {\n      if (e instanceof MissingIcon)
{\n      console.error(e);\n      }\n      }\n      }\n\n      return acc;\n      }, []);\n\n      mark();\n\n      perform(mutations,
function () {\n      hclAdd('active');\n      hclAdd('complete');\n      hclRemove('pending');\n\n      if (typeof callback ===
'function') callback();\n      });\n      }\n\n      function onNode(node) {\n      var callback = arguments.length > 1 &&
arguments[1] !== undefined ? arguments[1] : null;\n\n      var mutation = generateMutation(node);\n\n      if (mutation)
{\n      perform([mutation], callback);\n      }\n      }\n\n      var baseStyles = "\nsvg:not(:root).svg-inline--fa {\n\n overflow:
visible; }\n\n.svg-inline--fa {\n\n display: inline-block;\n\n font-size: inherit;\n\n height: 1em;\n\n overflow:
visible;\n\n vertical-align: -.125em; }\n\n .svg-inline--fa.fa-lg {\n\n vertical-align: -.225em; }\n\n .svg-inline--fa.fa-w-1 {\n\n width: 0.0625em; }\n\n .svg-inline--fa.fa-w-2 {\n\n width: 0.125em; }\n\n .svg-inline--fa.fa-w-3 {\n\n width: 0.1875em; }\n\n .svg-inline--fa.fa-w-4 {\n\n width: 0.25em; }\n\n .svg-inline--fa.fa-w-5 {\n\n width:
0.3125em; }\n\n .svg-inline--fa.fa-w-6 {\n\n width: 0.375em; }\n\n .svg-inline--fa.fa-w-7 {\n\n width: 0.4375em; }\n\n .svg-inline--fa.fa-w-8 {\n\n width: 0.5em; }\n\n .svg-inline--fa.fa-w-9 {\n\n width: 0.5625em; }\n\n .svg-inline--fa.fa-w-10 {\n\n width: 0.625em; }\n\n .svg-inline--fa.fa-w-11 {\n\n width: 0.6875em; }\n\n .svg-inline--fa.fa-w-12 {\n\n width: 0.75em; }\n\n .svg-inline--fa.fa-w-13 {\n\n width: 0.8125em; }\n\n .svg-inline--fa.fa-w-14 {\n\n width: 0.875em; }\n\n .svg-inline--fa.fa-w-15 {\n\n width: 0.9375em; }\n\n .svg-inline--fa.fa-w-16 {\n\n width: 1em; }\n\n .svg-inline--fa.fa-w-17 {\n\n width: 1.0625em; }\n\n .svg-inline--fa.fa-w-18 {\n\n width: 1.125em; }\n\n .svg-inline--fa.fa-w-19 {\n\n width: 1.1875em; }\n\n .svg-inline--fa.fa-w-20 {\n\n width: 1.25em; }\n\n .svg-inline--fa.fa-pull-left {\n\n margin-right: .3em;\n\n width: auto; }\n\n .svg-inline--fa.fa-pull-right {\n\n margin-left: .3em;\n\n width:
auto; }\n\n .svg-inline--fa.fa-border {\n\n height: 1.5em; }\n\n .svg-inline--fa.fa-li {\n\n width: 2em; }\n\n .svg-
inline--fa.fa-fw {\n\n width: 1.25em; }\n\n\nfa-layers svg.svg-inline--fa {\n\n bottom: 0;\n\n left: 0;\n\n margin:
auto;\n\n position: absolute;\n\n right: 0;\n\n top: 0; }\n\n\nfa-layers {\n\n display: inline-block;\n\n height: 1em;\n\n position: relative;\n\n text-align: center;\n\n vertical-align: -.125em;\n\n width: 1em; }\n\n .fa-layers svg.svg-inline--fa
{\n\n -webkit-transform-origin: center center;\n\n      transform-origin: center center; }\n\n\nfa-layers-text, .fa-
layers-counter {\n\n display: inline-block;\n\n position: absolute;\n\n text-align: center; }\n\n\nfa-layers-text {\n\n left:
50%;\n\n top: 50%;\n\n -webkit-transform: translate(-50%, -50%);\n\n      transform: translate(-50%, -50%);\n\n -
webkit-transform-origin: center center;\n\n      transform-origin: center center; }\n\n\nfa-layers-counter {\n\n background-color: #ff253a;\n\n border-radius: 1em;\n\n -webkit-box-sizing: border-box;\n\n      box-sizing: border-
box;\n\n color: #fff;\n\n height: 1.5em;\n\n line-height: 1;\n\n max-width: 5em;\n\n min-width: 1.5em;\n\n overflow:
hidden;\n\n padding: .25em;\n\n right: 0;\n\n text-overflow: ellipsis;\n\n top: 0;\n\n -webkit-transform: scale(0.25);\n\n      transform: scale(0.25);\n\n -webkit-transform-origin: top right;\n\n      transform-origin: top right; }\n\n\nfa-
layers-bottom-right {\n\n bottom: 0;\n\n right: 0;\n\n top: auto;\n\n -webkit-transform: scale(0.25);\n\n      transform:

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scale(0.25);
  -webkit-transform-origin: bottom right;
  transform-origin: bottom right;
}
.n.fa-layers-bottom-left {
  bottom: 0;
  left: 0;
  right: auto;
  top: auto;
  -webkit-transform: scale(0.25);
  transform: scale(0.25);
  -webkit-transform-origin: bottom left;
  transform-origin: bottom left;
}
.n.fa-layers-top-right {
  right: 0;
  top: 0;
  -webkit-transform: scale(0.25);
  transform: scale(0.25);
  -webkit-transform-origin: top right;
  transform-origin: top right;
}
.n.fa-layers-top-left {
  left: 0;
  right: auto;
  top: 0;
  -webkit-transform: scale(0.25);
  transform: scale(0.25);
  -webkit-transform-origin: top left;
  transform-origin: top left;
}
.n.fa-lg {
  font-size: 1.33333em;
  line-height: 0.75em;
  vertical-align: -.0667em;
}
.n.fa-xs {
  font-size: .75em;
}
.n.fa-sm {
  font-size: .875em;
}
.n.fa-1x {
  font-size: 1em;
}
.n.fa-2x {
  font-size: 2em;
}
.n.fa-3x {
  font-size: 3em;
}
.n.fa-4x {
  font-size: 4em;
}
.n.fa-5x {
  font-size: 5em;
}
.n.fa-6x {
  font-size: 6em;
}
.n.fa-7x {
  font-size: 7em;
}
.n.fa-8x {
  font-size: 8em;
}
.n.fa-9x {
  font-size: 9em;
}
.n.fa-10x {
  font-size: 10em;
}
.n.fa-fw {
  text-align: center;
  width: 1.25em;
}
.n.fa-ul {
  list-style-type: none;
  margin-left: 2.5em;
  padding-left: 0;
}
.n .fa-ul > li {
  position: relative;
}
.n.fa-li {
  left: -2em;
  position: absolute;
  text-align: center;
  width: 2em;
  line-height: inherit;
}
.n.fa-border {
  border: solid 0.08em #eee;
  border-radius: .1em;
  padding: .2em .25em .15em;
}
.n.fa-pull-left {
  float: left;
}
.n.fa-pull-right {
  float: right;
}
.n.fa-fa-pull-left,
.n.fas.fa-pull-left,
.n.far.fa-pull-left,
.n.fal.fa-pull-left,
.n.fab.fa-pull-left {
  margin-right: .3em;
}
.n.fa-fa-pull-right,
.n.fas.fa-pull-right,
.n.far.fa-pull-right,
.n.fal.fa-pull-right,
.n.fab.fa-pull-right {
  margin-left: .3em;
}
.n.fa-spin {
  -webkit-animation: fa-spin 2s infinite linear;
  animation: fa-spin 2s infinite linear;
}
.n.fa-pulse {
  -webkit-animation: fa-spin 1s infinite steps(8);
  animation: fa-spin 1s infinite steps(8);
}
.n@-webkit-keyframes fa-spin {
  0% {
    -webkit-transform: rotate(0deg);
    transform: rotate(0deg);
  }
  100% {
    -webkit-transform: rotate(360deg);
    transform: rotate(360deg);
  }
}
.n@keyframes fa-spin {
  0% {
    -webkit-transform: rotate(0deg);
    transform: rotate(0deg);
  }
  100% {
    -webkit-transform: rotate(360deg);
    transform: rotate(360deg);
  }
}
.n.fa-rotate-90 {
  -ms-filter: "progid:DXImageTransform.Microsoft.BasicImage(rotation=1)";
  -webkit-transform: rotate(90deg);
  transform: rotate(90deg);
}
.n.fa-rotate-180 {
  -ms-filter: "progid:DXImageTransform.Microsoft.BasicImage(rotation=2)";
  -webkit-transform: rotate(180deg);
  transform: rotate(180deg);
}
.n.fa-rotate-270 {
  -ms-filter: "progid:DXImageTransform.Microsoft.BasicImage(rotation=3)";
  -webkit-transform: rotate(270deg);
  transform: rotate(270deg);
}
.n.fa-flip-horizontal {
  -ms-filter: "progid:DXImageTransform.Microsoft.BasicImage(rotation=0, mirror=1)";
  -webkit-transform: scale(-1, 1);
  transform: scale(-1, 1);
}
.n.fa-flip-vertical {
  -ms-filter: "progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)";
  -webkit-transform: scale(1, -1);
  transform: scale(1, -1);
}
.n.fa-flip-horizontal.fa-flip-vertical {
  -ms-filter: "progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)";
  -webkit-transform: scale(-1, -1);
  transform: scale(-1, -1);
}
.n:root .fa-rotate-90,
.n:root .fa-rotate-180,
.n:root .fa-rotate-270,
.n:root .fa-flip-horizontal,
.n:root .fa-flip-vertical {
  -webkit-filter: none;
  filter: none;
}
.n.fa-stack {
  display: inline-block;
  height: 2em;
  position: relative;
  width: 2.5em;
}
.n.fa-stack-1x,
.n.fa-stack-2x {
  bottom: 0;
  left: 0;
  margin: auto;
  position: absolute;
  right: 0;
  top: 0;
}
.n.svg-inline--fa.fa-stack-1x {
  height: 1em;
  width: 1.25em;
}
.n.svg-inline--fa.fa-stack-2x {
  height: 2em;
  width: 2.5em;
}
.n.fa-inverse {
  color: #fff;
}
.n.sr-only {
  border: 0;
  clip: rect(0, 0, 0, 0);
  height: 1px;
  margin: -1px;
  overflow: hidden;
  padding: 0;
  position: absolute;
  width: 1px;
}
.n.sr-only-focusable:active,
.n.sr-only-focusable:focus {
  clip: auto;
  height: auto;
  margin: 0;
  overflow: visible;
  position: static;
  width: auto;
}
";
nvar css = function () {
  n var dfp = DEFAULT_FAMILY_PREFIX;
  n var drc = DEFAULT_REPLACEMENT_CLASS;
  n var fp = config.familyPrefix;
  n var rc = config.replacementClass;
  n var s = baseStyles;
  n if (fp !== dfp || rc !== drc) {
    n var dPatt = new RegExp("\\\\" + dfp + '\\\\-', 'g');
    n var rPatt = new RegExp("\\\\" + drc + '\\\\-', 'g');
    n s = s.replace(dPatt, '.' + fp + '-').replace(rPatt, '.' + rc);
  }
  n return s;
};
nfunction define(prefix, icons) {
  n var normalized = Object.keys(icons).reduce(function (acc, iconName) {
    n var icon = icons[iconName];
    n if (expanded) {
      n acc[icon.iconName] =

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icon.icon;\n } else {\n   acc[iconName] = icon;\n } \n   return acc;\n }, {});\n\n if (typeof
namespace.hooks.addPack === 'function') {\n   namespace.hooks.addPack(prefix, normalized);\n } else {\n
namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, normalized);\n } \n\n /**\n * Font
Awesome 4 used the prefix of `fa` for all icons. With the introduction\n * of new styles we needed to differentiate
between them. Prefix `fa` is now an alias\n * for `fas` so we'll ease the upgrade process for our users by
automatically defining\n * this as well.\n *\n if (prefix === 'fas') {\n   define('fa', icons);\n } \n\n\nvar Library
= function () {\n   function Library() {\n     classCallCheck(this, Library);\n\n     this.definitions = {};\n   } \n\n
createClass(Library, [{\n     key: 'add',\n     value: function add() {\n       var _this = this;\n\n       for (var _len =
arguments.length, definitions = Array(_len), _key = 0; _key < _len; _key++) {\n         definitions[_key] =
arguments[_key];\n       } \n\n       var additions = definitions.reduce(this._pullDefinitions, {});\n\n
Object.keys(additions).forEach(function (key) {\n         _this.definitions[key] = _extends({}, _this.definitions[key] ||
{}, additions[key]);\n         define(key, additions[key]);\n         build();\n       });\n     }, {\n     key: 'reset',\n     value:
function reset() {\n       this.definitions = {};\n     } \n   }, {\n     key: '_pullDefinitions',\n     value: function
_pullDefinitions(additions, definition) {\n       var normalized = definition.prefix && definition.iconName &&
definition.icon ? { 0: definition } : definition;\n\n       Object.keys(normalized).map(function (key) {\n         var
_normalizedName = normalized[key],\n           prefix = _normalizedName.prefix,\n           iconName =
_normalizedName.iconName,\n           icon = _normalizedName.icon;\n\n         if (!additions[prefix])\n           additions[prefix] = {};\n\n         additions[prefix][iconName] = icon;\n       });\n     } \n }]);\n
return Library;\n }();\n\nfunction prepIcon(icon) {\n   var width = icon[0];\n   var height = icon[1];\n   var vectorData =
icon.slice(4);\n\n   return {\n     found: true,\n     width: width,\n     height: height,\n     icon: { tag: 'path', attributes: {
fill: 'currentColor', d: vectorData[0] } } \n   }; \n\n\nfunction ensureCss() {\n   if (config.autoAddCss &&
!_cssInserted) {\n     insertCss(css);\n     _cssInserted = true;\n   } \n\n\nfunction apiObject(val, abstractCreator) {\n
Object.defineProperty(val, 'abstract', {\n   get: abstractCreator\n });\n\n Object.defineProperty(val, 'html', {\n   get:
function get() {\n     return val.abstract.map(function (a) {\n       return toHtml(a);\n     });\n   } \n });\n\n
Object.defineProperty(val, 'node', {\n   get: function get() {\n     if (!IS_DOM) return;\n     var container =
DOCUMENT.createElement('div');\n     container.innerHTML = val.html;\n     return container.children;\n   } \n });\n\n
return val;\n } \n\n\nfunction findIconDefinition(params) {\n   var _params$prefix = params.prefix,\n     prefix =
_params$prefix === undefined ? 'fa' : _params$prefix,\n     iconName = params.iconName;\n\n   if (!iconName)\n     return;\n\n   return iconFromMapping(library.definitions, prefix, iconName) || iconFromMapping(namespace.styles,
prefix, iconName);\n } \n\n\nfunction resolveIcons(next) {\n   return function (maybeIconDefinition) {\n     var params =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n\n     var iconDefinition =
(maybeIconDefinition || {}).icon ? maybeIconDefinition : findIconDefinition(maybeIconDefinition || {});\n\n     var
mask = params.mask;\n\n     if (mask) {\n       mask = (mask || {}).icon ? mask : findIconDefinition(mask || {});\n     } \n\n
return next(iconDefinition, _extends({}, params, { mask: mask }));\n } \n } \n\n\nvar library = new
Library();\n\nvar noAuto = function noAuto() {\n   config.autoReplaceSvg = false;\n   config.observeMutations =
false;\n\n   disconnect();\n };\n\nvar _cssInserted = false;\n\nvar dom = {\n   i2svg: function i2svg() {\n     var params =
arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n\n     if (IS_DOM) {\n       ensureCss();\n       var _params$node = params.node,\n         node = _params$node === undefined ? DOCUMENT
: _params$node,\n         _params$callback = params.callback,\n         callback = _params$callback === undefined ?
function () {} : _params$callback;\n\n       if (config.searchPseudoElements) {\n         searchPseudoElements(node);\n       } \n\n       onTree(node, callback);\n     } \n   },\n\n   css: css,\n\n   insertCss: function
insertCss$$1() {\n     if (!_cssInserted) {\n       insertCss(css);\n       _cssInserted = true;\n     } \n   },\n\n   watch:
function watch() {\n     var params = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n\n     var
autoReplaceSvgRoot = params.autoReplaceSvgRoot,\n       observeMutationsRoot =
params.observeMutationsRoot;\n\n     if (config.autoReplaceSvg === false) {\n       config.autoReplaceSvg = true;\n     } \n\n
config.observeMutations = true;\n\n     domready(function () {\n       autoReplace({\n         autoReplaceSvgRoot: autoReplaceSvgRoot\n       });\n\n       observe({\n         treeCallback: onTree,\n         nodeCallback: onNode,\n         pseudoElementsCallback: searchPseudoElements,\n         observeMutationsRoot:

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observeMutationsRoot\n  });\n  });\n  });\n\n\nvar parse = {\n  transform: function transform(transformString)
{\n  return parseTransformString(transformString);\n  }\n};\n\nvar icon = resolveIcons(function (iconDefinition)
{\n  var params = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n  var
_params$transform = params.transform,\n  transform = _params$transform === undefined ?
meaninglessTransform : _params$transform,\n  _params$symbol = params.symbol,\n  symbol =
_params$symbol === undefined ? false : _params$symbol,\n  _params$mask = params.mask,\n  mask =
_params$mask === undefined ? null : _params$mask,\n  _params$title = params.title,\n  title = _params$title
=== undefined ? null : _params$title,\n  _params$classes = params.classes,\n  classes = _params$classes ===
undefined ? [] : _params$classes,\n  _params$attributes = params.attributes,\n  attributes = _params$attributes
=== undefined ? {} : _params$attributes,\n  _params$styles = params.styles,\n  styles = _params$styles ===
undefined ? {} : _params$styles;\n\n\n  if (!iconDefinition) return;\n\n  var prefix = iconDefinition.prefix,\n
iconName = iconDefinition.iconName,\n  icon = iconDefinition.icon;\n\n\n  return apiObject(_extends({ type:
'icon' }, iconDefinition), function () {\n  ensureCss();\n\n  if (config.autoA11y) {\n  if (title) {\n
attributes['aria-labelledby'] = config.replacementClass + '-title-' + nextUniqueId();\n  } else {\n
attributes['aria-hidden'] = 'true';\n  }\n  }\n\n  return makeInlineSvgAbstract({\n  icons: {\n  main:
prepIcon(icon),\n  mask: mask ? prepIcon(mask.icon) : { found: false, width: null, height: null, icon: {} }\n
},\n  prefix: prefix,\n  iconName: iconName,\n  transform: _extends({}, meaninglessTransform, transform),\n
symbol: symbol,\n  title: title,\n  extra: {\n  attributes: attributes,\n  styles: styles,\n  classes:
classes\n  }\n  });\n  });\n  });\n\n\nvar text = function text(content) {\n  var params = arguments.length > 1 &&
arguments[1] !== undefined ? arguments[1] : {};\n  var _params$transform2 = params.transform,\n  transform =
_params$transform2 === undefined ? meaninglessTransform : _params$transform2,\n  _params$title2 =
params.title,\n  title = _params$title2 === undefined ? null : _params$title2,\n  _params$classes2 =
params.classes,\n  classes = _params$classes2 === undefined ? [] : _params$classes2,\n  _params$attributes2 =
params.attributes,\n  attributes = _params$attributes2 === undefined ? {} : _params$attributes2,\n
_params$styles2 = params.styles,\n  styles = _params$styles2 === undefined ? {} : _params$styles2;\n\n\n  return
apiObject({ type: 'text', content: content }, function () {\n  ensureCss();\n\n  return makeLayersTextAbstract({\n
content: content,\n  transform: _extends({}, meaninglessTransform, transform),\n  title: title,\n  extra: {\n
attributes: attributes,\n  styles: styles,\n  classes: [config.familyPrefix + '-layers-
text'].concat(toConsumableArray(classes))\n  }\n  });\n  });\n  });\n\n\nvar counter = function counter(content) {\n
var params = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n  var _params$title3 =
params.title,\n  title = _params$title3 === undefined ? null : _params$title3,\n  _params$classes3 =
params.classes,\n  classes = _params$classes3 === undefined ? [] : _params$classes3,\n  _params$attributes3 =
params.attributes,\n  attributes = _params$attributes3 === undefined ? {} : _params$attributes3,\n
_params$styles3 = params.styles,\n  styles = _params$styles3 === undefined ? {} : _params$styles3;\n\n\n  return
apiObject({ type: 'counter', content: content }, function () {\n  ensureCss();\n\n  return
makeLayersCounterAbstract({\n  content: content.toString(),\n  title: title,\n  extra: {\n  attributes:
attributes,\n  styles: styles,\n  classes: [config.familyPrefix + '-layers-
counter'].concat(toConsumableArray(classes))\n  }\n  });\n  });\n  });\n\n\nvar layer = function layer(assembly) {\n
return apiObject({ type: 'layer' }, function () {\n  ensureCss();\n\n  var children = [];\n\n  assembler(function
(args) {\n  Array.isArray(args) ? args.map(function (a) {\n  children = children.concat(a.abstract);\n  }) :
children = children.concat(args.abstract);\n  });\n\n  return [{\n  tag: 'span',\n  attributes: { class:
config.familyPrefix + '-layers' },\n  children: children\n  }];\n  });\n  });\n\n\nvar api = {\n  noAuto: noAuto,\n
config: config,\n  dom: dom,\n  library: library,\n  parse: parse,\n  findIconDefinition: findIconDefinition,\n
icon: icon,\n  text: text,\n  counter: counter,\n  layer: layer,\n  toHtml: toHtml\n};\n\n\nvar autoReplace = function
autoReplace() {\n  var params = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n  var
_params$autoReplaceSv = params.autoReplaceSvgRoot,\n  autoReplaceSvgRoot = _params$autoReplaceSv ===
undefined ? DOCUMENT : _params$autoReplaceSv;\n\n\n  if (Object.keys(namespace.styles).length > 0 &&
IS_DOM && config.autoReplaceSvg) api.dom.i2svg({ node: autoReplaceSvgRoot });\n  });\n\n\nexport { icon, noAuto,

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config, toHtml, layer, text, counter, library, dom, parse, findIconDefinition };
\n", "import FontAwesomeIcon from
'@fortawesome/vue-fontawesome'\nexport { library } from '@fortawesome/fontawesome-svg-core'\nexport default
FontAwesomeIcon\n", "/* Used as references for various `Number` constants. */\nvar MAX_SAFE_INTEGER =
9007199254740991;\n\n/* Used to detect unsigned integer values. */\nvar reIsUint = /^(?:0|[1-9]\\d*)$/;\n\n/**\n Checks if `value` is a valid array-like index.\n * @private\n * @param {*} value The value to check.\n *
@param {number} [length=MAX_SAFE_INTEGER] The upper bounds of a valid index.\n * @returns {boolean}
Returns `true` if `value` is a valid index, else `false`.\n */\nfunction isIndex(value, length) {\n  var type = typeof
value;\n  length = length == null ? MAX_SAFE_INTEGER : length;\n\n  return !!length &&\n    (type == 'number'
||\n    (type != 'symbol' && reIsUint.test(value))) &&\n    (value > -1 && value % 1 == 0 && value <
length);\n}\n\nmodule.exports = isIndex;\n", "var baseSetToString = require('./_baseSetToString'),\n  shortOut =
require('./_shortOut');\n\n/**\n * Sets the `toString` method of `func` to return `string`.\n * @private\n *
@param {Function} func The function to modify.\n * @param {Function} string The `toString` result.\n * @returns
{Function} Returns `func`.\n */\nvar setToString = shortOut(baseSetToString);\n\nmodule.exports =
setToString;\n", "/* false -> Array#indexOf\ntrue -> Array#includes\n */\nvar toIObject = require('./_toIobject');\nvar
toLength = require('./_toLength');\nvar toAbsoluteIndex = require('./_toAbsoluteIndex');\n\nmodule.exports =
function (IS_INCLUDES) {\n  return function ($this, el, fromIndex) {\n    var O = toIObject($this);\n    var length =
toLength(O.length);\n    var index = toAbsoluteIndex(fromIndex, length);\n    var value;\n    // Array#includes uses
SameValueZero equality algorithm\n    // eslint-disable-next-line no-self-compare\n    if (IS_INCLUDES && el !=
el) while (length > index) {\n      value = O[index++];\n      // eslint-disable-next-line no-self-compare\n      if (value
!= value) return true;\n    }\n    // Array#indexOf ignores holes, Array#includes - not\n    } else for (;length > index;
index++) if (IS_INCLUDES || index in O) {\n      if (O[index] === el) return IS_INCLUDES || index || 0;\n    }\n    return !IS_INCLUDES && -1;\n  };\n};\n", "use strict";\nObject.defineProperty(exports, '__esModule', { value: true
});\n\nvar prefix = 'fas';\nvar iconName = 'share-alt';\nvar width = 448;\nvar height = 512;\nvar ligatures = [];\nvar
unicode = 'f1e0';\nvar svgPathData = 'M352 320c-22.608 0-43.387 7.819-59.79 20.8951-102.486-64.054a96.551
96.551 0 0 0-41.6831102.486-64.054C308.613 184.181 329.392 192 352 192c53.019 0 96-42.981 96-96S405.019
0 352 0s-96 42.981-96 96c0 7.158.79 14.13 2.276 20.841L155.79 180.895C139.387 167.819 118.608 160 96 160c-
53.019 0-96 42.981-96 96s42.981 96 96 96c22.608 0 43.387-7.819 59.79-20.8951102.486 64.054A96.301 96.301 0
0 0 256 416c0 53.019 42.981 96 96 96s96-42.981 96-96-42.981-96-96-96z';\n\nexports.definition = {\n  prefix:
prefix,\n  iconName: iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  ]\n};\n\nexports.faShareAlt = exports.definition;\nexports.prefix = prefix;\nexports.iconName =
iconName;\nexports.width = width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode =
unicode;\nexports.svgPathData = svgPathData;\n", "/*\n * Checks if a `cache` value for `key` exists.\n * @private\n *
@param {Object} cache The cache to query.\n * @param {string} key The key of the entry to
check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction
cacheHas(cache, key) {\n  return cache.has(key);\n}\n\nmodule.exports = cacheHas;\n", "var arrayReduce =
require('./_arrayReduce'),\n  baseEach = require('./_baseEach'),\n  baseIteratee = require('./_baseIteratee'),\n
baseReduce = require('./_baseReduce'),\n  isArray = require('./isArray');\n\n/**\n * Reduces `collection` to a value
which is the accumulated result of running\n * each element in `collection` thru `iteratee`, where each successive\n *
invocation is supplied the return value of the previous. If `accumulator` is not given, the first element of
`collection` is used as the initial\n * value. The iteratee is invoked with four arguments:\n * (accumulator, value,
index|key, collection).\n * Many lodash methods are guarded to work as iteratees for methods like\n *
`_.reduce`, `_.reduceRight`, and `_.transform`.\n * The guarded methods are: `assign`, `defaults`,
`defaultsDeep`, `includes`, `merge`, `orderBy`, and `sortBy`.\n * @static\n * @memberOf _\n * @since
0.1.0\n * @category Collection\n * @param {Array|Object} collection The collection to iterate over.\n * @param
{Function} [iteratee=_.identity] The function invoked per iteration.\n * @param {*} [accumulator] The initial
value.\n * @returns {*} Returns the accumulated value.\n * @see _.reduceRight\n * @example\n *_.reduce([1,
2], function(sum, n) {\n *  return sum + n;\n * }, 0);\n * // => 3\n *_.reduce({'a': 1, 'b': 2, 'c': 1 },
function(result, value, key) {\n *  (result[value] || (result[value] = [])).push(key);\n *  return result;\n * }, {});\n * //

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=> { '1': ['a', 'c'], '2': ['b'] } (iteration order is not guaranteed)\n
*\nfunction reduce(collection, iteratee, accumulator)
{\n  var func = isArray(collection) ? arrayReduce : baseReduce,\n    initAccum = arguments.length < 3;\n  return\n  func(collection, baseIteratee(iteratee, 4), accumulator, initAccum, baseEach);\n}\n\nmodule.exports =\nreduce;\n\n"use strict";\nvar global = require('./_global');\nvar has = require('./_has');\nvar cof =\nrequire('./_cof');\nvar inheritIfRequired = require('./_inherit-if-required');\nvar toPrimitive = require('./_to-\nprimitive');\nvar fails = require('./_fails');\nvar gOPN = require('./_object-gopn').f;\nvar gOPD = require('./_object-\ngopd').f;\nvar dP = require('./_object-dp').f;\nvar $trim = require('./_string-trim').trim;\nvar NUMBER =\n'Number';\nvar $Number = global[NUMBER];\nvar Base = $Number;\nvar proto = $Number.prototype;\n// Opera\n~12 has broken Object#toString\nvar BROKEN_COF = cof(require('./_object-create')(proto)) === NUMBER;\nvar TRIM = 'trim' in String.prototype;\n\n// 7.1.3 ToNumber(argument)\nvar toNumber = function (argument) {\n  var it =\n  toPrimitive(argument, false);\n  if (typeof it === 'string' && it.length > 2) {\n    it = TRIM ? it.trim() : $trim(it, 3);\n    var first = it.charCodeAt(0);\n    var third, radix, maxCode;\n    if (first === 43 || first === 45) {\n      third =\n      it.charCodeAt(2);\n      if (third === 88 || third === 120) return NaN; // Number('+0x1') should be NaN, old V8 fix\n    } else if (first === 48) {\n      switch (it.charCodeAt(1)) {\n        case 66: case 98: radix = 2; maxCode = 49; break;\n        // fast equal /^0b[01]+$/\n        case 79: case 111: radix = 8; maxCode = 55; break; // fast equal /^0o[0-7]+$/\n        default: return +it;\n      }\n      for (var digits = it.slice(2), i = 0, l = digits.length, code; i < l; i++) {\n        code =\n        digits.charCodeAt(i); // parseInt parses a string to a first unavailable symbol\n        // but ToNumber should\n        return NaN if a string contains unavailable symbols\n        if (code < 48 || code > maxCode) return NaN;\n      }\n      return parseInt(digits, radix);\n    }\n  }\n  return +it;\n};\n\nif (!$Number('0o1') || !$Number('0b1') || $Number('+0x1'))\n{\n  $Number = function Number(value) {\n    var it = arguments.length < 1 ? 0 : value;\n    var that = this;\n    return that instanceof $Number\n      // check on 1..constructor(foo) case\n      && (BROKEN_COF ? fails(function\n      () { proto.valueOf.call(that); }) : cof(that) != NUMBER)\n      ? inheritIfRequired(new Base(toNumber(it)), that,\n      $Number) : toNumber(it);\n  };\n  for (var keys = require('./_descriptors') ? gOPN(Base) : (\n    // ES3:\n    'MAX_VALUE,MIN_VALUE,NaN,NEGATIVE_INFINITY,POSITIVE_INFINITY,' +\n    // ES6 (in case, if\n    modules with ES6 Number statics required before):\n    'EPSILON,isFinite,isInteger,isNaN,isSafeInteger,MAX_SAFE_INTEGER,' +\n    'MIN_SAFE_INTEGER,parseFloat,parseInt,isInteger'\n  )\n    .split(','), j = 0, key; keys.length > j; j++) {\n    if\n    (has(Base, key = keys[j]) && !has($Number, key)) {\n      dP($Number, key, gOPD(Base, key));\n    }\n  }\n  $Number.prototype = proto;\n  $Number.constructor = $Number;\n  require('./_redefine')(global, NUMBER,\n  $Number);\n}\n\n\n// extracted by mini-css-extract-plugin",\nmodule.exports =\nrequire('./_forEach');\n\n\nmodule.exports = !require('./_descriptors') && !require('./_fails')(function () {\n  return\n  Object.defineProperty(require('./_dom-create')('div'), 'a', { get: function () { return 7; } }).a != 7;\n});\n\n\nvar\nbaseFlatten = require('./_baseFlatten'),\nbaseOrderBy = require('./_baseOrderBy'),\nbaseRest =\nrequire('./_baseRest'),\n  isIterateeCall = require('./_isIterateeCall');\n\n\n\n*\n * Creates an array of elements, sorted\n * in ascending order by the results of\n * running each element in a collection thru each iteratee. This method\n * performs a stable sort, that is, it preserves the original sort order of\n * equal elements. The iteratees are invoked\n * with one argument: (value).\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Collection\n * @param {Array|Object} collection The collection to iterate over.\n * @param {...(Function|Function[])}\n [iteratees=[_identity]]\n * The iteratees to sort by.\n * @returns {Array} Returns the new sorted array.\n * @example\n *\n * var users = [\n *   { 'user': 'fred', 'age': 48 },\n *   { 'user': 'barney', 'age': 36 },\n *   { 'user': 'fred',\n *     'age': 40 },\n *   { 'user': 'barney', 'age': 34 }\n * ];\n *\n * _sortBy(users, [function(o) { return o.user; }]);\n * // =>\n * objects for [[barney, 36], [barney, 34], [fred, 48], [fred, 40]]\n *\n * _sortBy(users, ['user', 'age']);\n * // =>\n * objects for [[barney, 34], [barney, 36], [fred, 40], [fred, 48]]\n *\n *\nvar sortBy = baseRest(function(collection,\niteratees) {\n  if (collection == null) {\n    return [];\n  }\n  var length = iteratees.length;\n  if (length > 1 &&\n  isIterateeCall(collection, iteratees[0], iteratees[1])) {\n    iteratees = [];\n  } else if (length > 2 &&\n  isIterateeCall(iteratees[0], iteratees[1], iteratees[2])) {\n    iteratees = [iteratees[0]];\n  }\n  return\n  baseOrderBy(collection, baseFlatten(iteratees, 1), []);\n});\n\nmodule.exports = sortBy;\n\n\nvar\ngetNative =\nrequire('./_getNative'),\n  root = require('./_root');\n\n\n\n/* Built-in method references that are verified to be native.

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*/\nvar Set = getNative(root, 'Set');\n\nmodule.exports = Set;\n", "var g;\n\n// This works in non-strict mode\ng =  
(function() {\n  return this;\n})();\n\ntry {\n  // This works if eval is allowed (see CSP)\n  tg = g || Function("return  
this")()\n  || (1, eval)("this");\n} catch (e) {\n  // This works if the window reference is available\n  if (typeof window  
=== "object") g = window;\n}\n\n// g can still be undefined, but nothing to do about it...\n\n// We return undefined,  
instead of nothing here, so it's\n// easier to handle this case. if(!global) { ... }\n\nmodule.exports = g;\n", "var id =  
0;\n\nvar px = Math.random();\n\nmodule.exports = function (key) {\n  return 'Symbol('.concat(key === undefined ? "  
key, '_-', (++id + px).toString(36));\n};\n", "use strict";\n\nvar addToUnscopables = require('./_add-to-  
unscopables');\n\nvar step = require('./_iter-step');\n\nvar Iterators = require('./_iterators');\n\nvar toObject =  
require('./_to-iobject');\n\n// 22.1.3.4 Array.prototype.entries()\n// 22.1.3.13 Array.prototype.keys()\n// 22.1.3.29  
Array.prototype.values()\n// 22.1.3.30 Array.prototype[@@iterator]()\n\nmodule.exports = require('./_iter-  
define')(Array, 'Array', function (iterated, kind) {\n  this._t = toObject(iterated); // target\n  this._i = 0; //  
next index\n  this._k = kind; // kind\n\n  // 22.1.5.2.1 %ArrayIteratorPrototype%.next()\n}, function () {\n  var  
O = this._t;\n  var kind = this._k;\n  var index = this._i++;\n  if (!O || index >= O.length) {\n    this._t = undefined;\n    return step(1);\n  }\n  if (kind == 'keys') return step(0, index);\n  if (kind == 'values') return step(0, O[index]);\n  return step(0, [index, O[index]]);\n}, 'values');\n\n// argumentsList[@@iterator] is %ArrayProto_values% (9.4.4.6,  
9.4.4.7)\n\nIterators.Array;\n\naddUnscopables('keys');\naddUnscopables('values');\naddUnscopables('entries');\n", "var  
isSymbol = require('./isSymbol');\n\n/**\n * Compares values to sort them in ascending order.\n * @private\n * @param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @returns  
{number} Returns the sort order indicator for `value`.\n */\nfunction compareAscending(value, other) {\n  if (value  
!== other) {\n    var valIsDefined = value !== undefined,\n        valIsNull = value === null,\n        valIsReflexive =  
value === value,\n        valIsSymbol = isSymbol(value);\n\n    var othIsDefined = other !== undefined,\n        othIsNull = other === null,\n        othIsReflexive = other === other,\n        othIsSymbol = isSymbol(other);\n\n    if ((!othIsNull && !othIsSymbol && !valIsSymbol && value > other) ||\n        (valIsSymbol && othIsDefined &&  
othIsReflexive && !othIsNull && !othIsSymbol) ||\n        (valIsNull && othIsDefined && othIsReflexive) ||\n        (!valIsDefined && othIsReflexive) ||\n        !valIsReflexive) {\n      return 1;\n    }\n    if ((!valIsNull &&  
!valIsSymbol && !othIsSymbol && value < other) ||\n        (othIsSymbol && valIsDefined && valIsReflexive &&  
!valIsNull && !valIsSymbol) ||\n        (othIsNull && valIsDefined && valIsReflexive) ||\n        (!othIsDefined &&  
valIsReflexive) ||\n        !othIsReflexive) {\n      return -1;\n    }\n  }\n  return 0;\n}\n\nmodule.exports =  
compareAscending;\n", "var eq = require('./eq');\n\n/**\n * Gets the index at which the `key` is found in `array` of  
key-value pairs.\n * @private\n * @param {Array} array The array to inspect.\n * @param {*} key The key to  
search for.\n * @returns {number} Returns the index of the matched value, else `-1`.\n */\nfunction  
assocIndexOf(array, key) {\n  var length = array.length;\n  while (length--) {\n    if (eq(array[length][0], key)) {\n      return length;\n    }\n  }\n  return -1;\n}\n\nmodule.exports = assocIndexOf;\n", "/*\n * Font Awesome Free 5.0.13  
by @fontawesome - https://fontawesome.com\n * License - https://fontawesome.com/license (Icons: CC BY 4.0,  
Fonts: SIL OFL 1.1, Code: MIT License)\n */\n\nvar noop = function noop() {};\n\nvar _WINDOW = {};\n\nvar _DOCUMENT = {};\n\nvar _MUTATION_OBSERVER$1 = null;\n\nvar _PERFORMANCE = { mark: noop,  
measure: noop };\n\ntry {\n  if (typeof window !== 'undefined') _WINDOW = window;\n  if (typeof document !==  
'undefined') _DOCUMENT = document;\n  if (typeof MutationObserver !== 'undefined')  
_MUTATION_OBSERVER$1 = MutationObserver;\n  if (typeof performance !== 'undefined') _PERFORMANCE  
= performance;\n} catch (e) {};\n\nvar _ref = _WINDOW.navigator || {};\n\nvar _ref$userAgent =  
_ref.userAgent;\n\nvar userAgent = _ref$userAgent === undefined ? "  
_ref$userAgent;\n\nvar WINDOW =  
_WINDOW;\n\nvar DOCUMENT = _DOCUMENT;\n\nvar MUTATION_OBSERVER =  
_MUTATION_OBSERVER$1;\n\nvar PERFORMANCE = _PERFORMANCE;\n\nvar IS_BROWSER =  
!!WINDOW.document;\n\nvar IS_DOM = !!DOCUMENT.documentElement && !!DOCUMENT.head && typeof  
DOCUMENT.addEventListener === 'function' && typeof DOCUMENT.createElement === 'function';\n\nvar IS_IE  
= ~userAgent.indexOf('MSIE') || ~userAgent.indexOf('Trident/');\n\nvar NAMESPACE_IDENTIFIER =  
'__FONT_AWESOME__';\n\nvar UNITS_IN_GRID = 16;\n\nvar DEFAULT_FAMILY_PREFIX = 'fa';\n\nvar
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DEFAULT_REPLACEMENT_CLASS = 'svg-inline--fa';\nvar DATA_FA_I2SVG = 'data-fa-i2svg';\nvar
DATA_FA_PSEUDO_ELEMENT = 'data-fa-pseudo-element';\nvar HTML_CLASS_I2SVG_BASE_CLASS =
'fontawesome-i2svg';\nvar PRODUCTION = function () {\n try {\n return process.env.NODE_ENV ===
'production';\n } catch (e) {\n return false;\n }\n};\nvar oneToTen = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];\nvar
oneToTwenty = oneToTen.concat([11, 12, 13, 14, 15, 16, 17, 18, 19, 20]);\nvar
ATTRIBUTES_WATCHED_FOR_MUTATION = ['class', 'data-prefix', 'data-icon', 'data-fa-transform', 'data-fa-
mask'];\nvar RESERVED_CLASSES = ['xs', 'sm', 'lg', 'fw', 'ul', 'li', 'border', 'pull-left', 'pull-right', 'spin', 'pulse',
'rotate-90', 'rotate-180', 'rotate-270', 'flip-horizontal', 'flip-vertical', 'stack', 'stack-1x', 'stack-2x', 'inverse', 'layers',
'layers-text', 'layers-counter'].concat(oneToTen.map(function (n) {\n return n +
'x';\n})).concat(oneToTwenty.map(function (n) {\n return 'w-' + n;\n}));\nvar classCallCheck = function (instance,
Constructor) {\n if (!(instance instanceof Constructor)) {\n throw new TypeError("Cannot call a class as a
function");\n }\n};\nvar createClass = function () {\n function defineProperties(target, props) {\n for (var i = 0;
i < props.length; i++) {\n var descriptor = props[i];\n descriptor.enumerable = descriptor.enumerable || false;\n
descriptor.configurable = true;\n if ("value" in descriptor) descriptor.writable = true;\n
Object.defineProperty(target, descriptor.key, descriptor);\n }\n}\n return function (Constructor, protoProps,
staticProps) {\n if (protoProps) defineProperties(Constructor.prototype, protoProps);\n if (staticProps)
defineProperties(Constructor, staticProps);\n return Constructor;\n }; \n};\nvar _extends = Object.assign ||
function (target) {\n for (var i = 1; i < arguments.length; i++) {\n var source = arguments[i];\n for (var key in
source) {\n if (Object.prototype.hasOwnProperty.call(source, key)) {\n target[key] = source[key];\n }\n
}\n}\n return target;\n};\nvar toConsumableArray = function (arr) {\n if (Array.isArray(arr)) {\n for (var
i = 0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];\n return arr2;\n } else {\n return
Array.from(arr);\n }\n};\nvar initial = WINDOW.FontAwesomeConfig || {};\nvar initialKeys =
Object.keys(initial);\nvar _default = _extends({\n familyPrefix: DEFAULT_FAMILY_PREFIX,\n replacementClass:
DEFAULT_REPLACEMENT_CLASS,\n autoReplaceSvg: true,\n autoAddCss: true,\n autoA11y: true,\n searchPseudoElements:
false,\n observeMutations: true,\n keepOriginalSource: true,\n measurePerformance: false,\n showMissingIcons:
true\n}, initial);\nvar _default$autoReplaceSvg = _default.observeMutations = false;\nvar config$1 = _extends({},
_default);\nvar WINDOW$1 = WINDOW.FontAwesomeConfig = config$1;\nfunction update(newConfig) {\n var params =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n var _params$asNewDefault =
params.asNewDefault,\n asNewDefault = _params$asNewDefault === undefined ? false : _params$asNewDefault;\n var
validKeys = Object.keys(config$1);\n var ok = asNewDefault ? function (k) {\n return ~validKeys.indexOf(k) &&
!~initialKeys.indexOf(k);\n } : function (k) {\n return ~validKeys.indexOf(k);\n };\nvar
Object.keys(newConfig).forEach(function (configKey) {\n if (ok(configKey)) config$1[configKey] =
newConfig[configKey];\n });\n}\nfunction auto(value) {\n update({\n autoReplaceSvg: value,\n observeMutations:
value\n });\n}\nvar w = WINDOW || {};\nvar nif = (!w[NAMESPACE_IDENTIFIER])\nw[NAMESPACE_IDENTIFIER] = {};\nvar nif$1 = (!w[NAMESPACE_IDENTIFIER].styles)\nw[NAMESPACE_IDENTIFIER].styles = {};\nvar nif$2 = (!w[NAMESPACE_IDENTIFIER].hooks)\nw[NAMESPACE_IDENTIFIER].hooks = {};\nvar nif$3 = (!w[NAMESPACE_IDENTIFIER].shims)\nw[NAMESPACE_IDENTIFIER].shims = [];\nvar namespace = w[NAMESPACE_IDENTIFIER];\nvar
functions = [];\nvar listener = function listener() {\n DOCUMENT.removeEventListener('DOMContentLoaded',
listener);\n loaded = 1;\n functions.map(function (fn) {\n return fn();\n });\n};\nvar loaded = false;\nvar nif$4 =
(IS_DOM) {\n loaded = (DOCUMENT.documentElement.doScroll ? /^loaded|^c/ :
/^loaded|^i|^c/).test(DOCUMENT.readyState);\n}\n if (!loaded)\nDOCUMENT.addEventListener('DOMContentLoaded', listener);\n}\nvar domready = function (fn) {\n if
(!IS_DOM) return;\n loaded ? setTimeout(fn, 0) : functions.push(fn);\n};\nvar d = UNITS_IN_GRID;\nvar
meaninglessTransform = {\n size: 16,\n x: 0,\n y: 0,\n rotate: 0,\n flipX: false,\n flipY: false\n};\nfunction
isReserved(name) {\n return ~RESERVED_CLASSES.indexOf(name);\n}\nfunction bunker(fn) {\n try {\n
fn();\n } catch (e) {\n if (!PRODUCTION) {\n throw e;\n }\n }\n}\nfunction insertCss(css) {\n if (!css ||

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!IS_DOM) {\n  return;\n }\n\n var style = DOCUMENT.createElement('style');\n style.setAttribute('type',\n 'text/css');\n style.innerHTML = css;\n\n var headChildren = DOCUMENT.head.childNodes;\n var beforeChild =\n null;\n\n for (var i = headChildren.length - 1; i > -1; i--) {\n  var child = headChildren[i];\n  var tagName =\n (child.tagName || '').toUpperCase();\n  if (['STYLE', 'LINK'].indexOf(tagName) > -1) {\n  beforeChild = child;\n }\n }\n\n DOCUMENT.head.insertBefore(style, beforeChild);\n\n return css;\n}\n\nvar _uniqueId =\n 0;\n\nfunction nextUniqueId() {\n  _uniqueId++;\n\n  return _uniqueId;\n}\n\nfunction toArray(obj) {\n  var array =\n [];\n\n  for (var i = (obj || []).length >>> 0; i--;) {\n  array[i] = obj[i];\n }\n\n  return array;\n}\n\nfunction\n classArray(node) {\n  if (node.classList) {\n  return toArray(node.classList);\n } else {\n  return\n (node.getAttribute('class') || '').split(' ').filter(function (i) {\n  return i;\n });\n }\n}\n\nfunction\n getIconName(familyPrefix, cls) {\n  var parts = cls.split('-');\n  var prefix = parts[0];\n  var iconName =\n parts.slice(1).join('-');\n\n  if (prefix === familyPrefix && iconName !== '' && !isReserved(iconName)) {\n  return\n iconName;\n } else {\n  return null;\n }\n}\n\nfunction htmlEscape(str) {\n  return (' + str).replace(/&/g,\n '&amp;').replace(/"/g, '&quot;').replace(/'/g, '&#39;').replace(/</g, '&lt;').replace(/>/g, '&gt;');\n}\n\nfunction\n joinAttributes(attributes) {\n  return Object.keys(attributes || {}).reduce(function (acc, attributeName) {\n  return\n acc + (attributeName + '="' + htmlEscape(attributes[attributeName]) + '" ');\n }, '').trim();\n}\n\nfunction\n joinStyles(styles) {\n  return Object.keys(styles || {}).reduce(function (acc, styleName) {\n  return acc +\n (styleName + ': ' + styles[styleName] + ');\n }, '');\n}\n\nfunction transformIsMeaningful(transform) {\n  return\n transform.size !== meaninglessTransform.size || transform.x !== meaninglessTransform.x || transform.y !==\n meaninglessTransform.y || transform.rotate !== meaninglessTransform.rotate || transform.flipX ||\n transform.flipY;\n}\n\nfunction transformForSvg(_ref) {\n  var transform = _ref.transform,\n  containerWidth =\n _ref.containerWidth,\n  iconWidth = _ref.iconWidth;\n\n  var outer = {\n  transform: 'translate(' +\n containerWidth / 2 + ' 256)\n };\n  var innerTranslate = 'translate(' + transform.x * 32 + ', ' + transform.y * 32 + '\n );\n  var innerScale = 'scale(' + transform.size / 16 * (transform.flipX ? -1 : 1) + ', ' + transform.size / 16 *\n (transform.flipY ? -1 : 1) + ');\n  var innerRotate = 'rotate(' + transform.rotate + ' 0 0);\n  var inner = {\n  transform: innerTranslate + ' ' + innerScale + ' ' + innerRotate\n };\n  var path = {\n  transform: 'translate(' +\n iconWidth / 2 * -1 + ' -256)\n };\n  return {\n  outer: outer,\n  inner: inner,\n  path: path\n };\n}\n\nfunction\n transformForCss(_ref2) {\n  var transform = _ref2.transform,\n  _ref2$width = _ref2.width,\n  width =\n _ref2$width === undefined ? UNITS_IN_GRID : _ref2$width,\n  _ref2$height = _ref2.height,\n  height =\n _ref2$height === undefined ? UNITS_IN_GRID : _ref2$height,\n  _ref2$startCentered = _ref2.startCentered,\n  startCentered = _ref2$startCentered === undefined ? false : _ref2$startCentered;\n\n  var val = '';\n\n  if\n (startCentered && IS_IE) {\n  val += 'translate(' + (transform.x / d - width / 2) + 'em, ' + (transform.y / d - height / 2) + 'em)\n '; }\n  else if (startCentered) {\n  val += 'translate(calc(-50% + ' + transform.x / d + 'em), calc(-50% + ' +\n transform.y / d + 'em))\n '; }\n  else {\n  val += 'translate(' + transform.x / d + 'em, ' + transform.y / d + 'em)\n ';\n }\n\n  val += 'scale(' + transform.size / d * (transform.flipX ? -1 : 1) + ', ' + transform.size / d * (transform.flipY ? -1 : 1) +\n ');\n  val += 'rotate(' + transform.rotate + 'deg)\n ';\n\n  return val;\n}\n\nvar ALL_SPACE = {\n  x: 0,\n  y: 0,\n  width: '100%',\n  height: '100%\n'};\n\nvar makeIconMasking = function (_ref) {\n  var children = _ref.children,\n  attributes = _ref.attributes,\n  main = _ref.main,\n  mask = _ref.mask,\n  transform = _ref.transform;\n\n  var mainWidth = main.width,\n  mainPath = main.icon;\n  var maskWidth = mask.width,\n  maskPath =\n mask.icon;\n\n  var trans = transformForSvg({ transform: transform, containerWidth: maskWidth, iconWidth:\n mainWidth });\n\n  var maskRect = {\n  tag: 'rect',\n  attributes: _extends({}, ALL_SPACE, {\n  fill: 'white'\n })\n };\n  var maskInnerGroup = {\n  tag: 'g',\n  attributes: _extends({}, trans.inner),\n  children: [{ tag: 'path',\n attributes: _extends({}, mainPath.attributes, trans.path, { fill: 'black' }) }]\n };\n  var maskOuterGroup = {\n  tag:\n 'g',\n  attributes: _extends({}, trans.outer),\n  children: [maskInnerGroup]\n };\n  var maskId = 'mask-' +\n nextUniqueId();\n  var clipId = 'clip-' + nextUniqueId();\n  var maskTag = {\n  tag: 'mask',\n  attributes:\n _extends({}, ALL_SPACE, {\n  id: maskId,\n  maskUnits: 'userSpaceOnUse',\n  maskContentUnits:\n 'userSpaceOnUse'\n }),\n  children: [maskRect, maskOuterGroup]\n };\n  var defs = {\n  tag: 'defs',\n  children: [{ tag: 'clipPath', attributes: { id: clipId }, children: [maskPath] }, maskTag]\n };\n\n  children.push(defs, {\n  tag: 'rect',\n  attributes: _extends({ fill: 'currentColor', 'clip-path': 'url(#' + clipId + ')', mask: 'url(#' + maskId + ') '},

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ALL_SPACE) });\n\n return {\n  children: children,\n  attributes: attributes\n };}\n\nvar makeIconStandard =
function (_ref) {\n  var children = _ref.children,\n      attributes = _ref.attributes,\n      main = _ref.main,\n      transform = _ref.transform,\n      styles = _ref.styles;\n\n  var styleString = joinStyles(styles);\n\n  if
(styleString.length > 0) {\n    attributes['style'] = styleString;\n  }\n\n  if (transformIsMeaningful(transform)) {\n
var trans = transformForSvg({ transform: transform, containerWidth: main.width, iconWidth: main.width });\n
children.push({\n  tag: 'g',\n  attributes: _extends({}, trans.outer),\n  children: [{\n    tag: 'g',\n
attributes: _extends({}, trans.inner),\n    children: [{\n      tag: main.icon.tag,\n      children:
main.icon.children,\n      attributes: _extends({}, main.icon.attributes, trans.path)\n    }]\n  }]\n });\n } else
{\n  children.push(main.icon);\n }\n\n return {\n  children: children,\n  attributes: attributes\n };}\n\nvar
asIcon = function (_ref) {\n  var children = _ref.children,\n      main = _ref.main,\n      mask = _ref.mask,\n
attributes = _ref.attributes,\n      styles = _ref.styles,\n      transform = _ref.transform;\n\n  if
(transformIsMeaningful(transform) && main.found && !mask.found) {\n    var width = main.width,\n        height =
main.height;\n\n    var offset = {\n      x: width / height / 2,\n      y: 0.5\n    }; \n    attributes['style'] =
joinStyles(_extends({}, styles, {\n      'transform-origin': offset.x + transform.x / 16 + 'em ' + (offset.y + transform.y /
16) + 'em\n    }));\n  }\n\n  return [{\n    tag: 'svg',\n    attributes: attributes,\n    children: children\n }];\n }\n\nvar
asSymbol = function (_ref) {\n  var prefix = _ref.prefix,\n      iconName = _ref.iconName,\n      children =
_ref.children,\n      attributes = _ref.attributes,\n      symbol = _ref.symbol;\n\n  var id = symbol === true ? prefix + '-'
+ config$1.familyPrefix + '-' + iconName : symbol;\n\n  return [{\n    tag: 'svg',\n    attributes: {\n      style: 'display:
none;\n    },\n    children: [{\n      tag: 'symbol',\n      attributes: _extends({}, attributes, { id: id }),\n      children:
children\n    }]\n }];\n }\n\nfunction makeInlineSvgAbstract(params) {\n  var _params$icons = params.icons,\n      main =
_params$icons.main,\n      mask = _params$icons.mask,\n      prefix = params.prefix,\n      iconName =
params.iconName,\n      transform = params.transform,\n      symbol = params.symbol,\n      title = params.title,\n
extra = params.extra,\n      _params$watchable = params.watchable,\n      watchable = _params$watchable ===
undefined ? false : _params$watchable;\n\n  var _ref = mask.found ? mask : main,\n      width = _ref.width,\n
height = _ref.height;\n\n  var widthClass = 'fa-w-' + Math.ceil(width / height * 16);\n  var attrClass =
[config$1.replacementClass, iconName ? config$1.familyPrefix + '-' + iconName : '',
widthClass].concat(extra.classes).join(' ');\n\n  var content = {\n    children: [],\n    attributes: _extends({},
extra.attributes, {\n      'data-prefix': prefix,\n      'data-icon': iconName,\n      'class': attrClass,\n      'role': 'img',\n
'xmlns': 'http://www.w3.org/2000/svg',\n      'viewBox': '0 0 ' + width + ' ' + height\n    })\n  }; \n\n  if (watchable) {\n
content.attributes[DATA_FA_I2SVG] = ";\n  }\n\n  if (title) content.children.push({ tag: 'title', attributes: { id:
content.attributes['aria-labelledby'] || 'title-' + nextUniqueId(), children: [title] });\n\n  var args = _extends({},
content, {\n    prefix: prefix,\n    iconName: iconName,\n    main: main,\n    mask: mask,\n    transform: transform,\n
symbol: symbol,\n    styles: extra.styles\n });\n\n  var _ref2 = mask.found && main.found ?
makeIconMasking(args) : makeIconStandard(args),\n      children = _ref2.children,\n      attributes =
_ref2.attributes;\n\n  args.children = children;\n  args.attributes = attributes;\n\n  if (symbol) {\n    return
asSymbol(args);\n  } else {\n    return asIcon(args);\n  }\n }\n\nfunction makeLayersTextAbstract(params) {\n  var
content = params.content,\n      width = params.width,\n      height = params.height,\n      transform =
params.transform,\n      title = params.title,\n      extra = params.extra,\n      _params$watchable2 =
params.watchable,\n      watchable = _params$watchable2 === undefined ? false : _params$watchable2;\n\n  var
attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n    'class': extra.classes.join(' ')\n });\n\n  if
(watchable) {\n    attributes[DATA_FA_I2SVG] = ";\n  }\n\n  var styles = _extends({}, extra.styles);\n\n  if
(transformIsMeaningful(transform)) {\n    styles['transform'] = transformForCss({ transform: transform,
startCentered: true, width: width, height: height });\n    styles['-webkit-transform'] = styles['transform'];\n  }\n\n  var
styleString = joinStyles(styles);\n\n  if (styleString.length > 0) {\n    attributes['style'] = styleString;\n  }\n\n  var val
= [];\n\n  val.push({\n    tag: 'span',\n    attributes: attributes,\n    children: [content]\n });\n\n  if (title) {\n
val.push({ tag: 'span', attributes: { class: 'sr-only' }, children: [title] });\n }\n\n  return val;\n }\n\nvar noop$2 =
function noop() {};\n\nvar p = config$1.measurePerformance && PERFORMANCE && PERFORMANCE.mark
&& PERFORMANCE.measure ? PERFORMANCE : { mark: noop$2, measure: noop$2 };\n\nvar preamble = 'FA

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function nest(mutation) {\n  var node = mutation[0];\n  var abstract = mutation[1];\n\n  // If we already have a
replaced node we do not want to continue nesting within it.\n  // Short-circuit to the standard replacement\n  if
(~classArray(node).indexOf(config$1.replacementClass)) {\n    return mutators.replace(mutation);\n  }\n\n  var
forSvg = new RegExp(config$1.familyPrefix + '-.*');\n\n  delete abstract[0].attributes.style;\n\n  var splitClasses =
abstract[0].attributes.class.split(' ').reduce(function (acc, cls) {\n    if (cls === config$1.replacementClass ||
cls.match(forSvg)) {\n      acc.toSvg.push(cls);\n    } else {\n      acc.toNode.push(cls);\n    }\n\n    return acc;\n
  }, { toNode: [], toSvg: [] });\n\n  abstract[0].attributes.class = splitClasses.toSvg.join(' ');\n\n  var
newInnerHTML = abstract.map(function (a) {\n    return toHtml(a);\n  }).join("\\n");\n  node.setAttribute('class',
splitClasses.toNode.join(' '));\n  node.setAttribute(DATA_FA_I2SVG, "");\n  node.innerHTML =
newInnerHTML;\n  };\n\nfunction perform(mutations, callback) {\n  var callbackFunction = typeof callback ===
'function' ? callback : noop$1;\n\n  if (mutations.length === 0) {\n    callbackFunction();\n  } else {\n    var frame =
WINDOW.requestAnimationFrame || function (op) {\n    return op();\n  };\n\n    frame(function () {\n    var
mutator = getMutator();\n    var mark = perf.begin('mutate');\n\n    mutations.map(mutator);\n\n    mark();\n\n    callbackFunction();\n  });\n  }\n\n  var disabled = false;\n\nfunction disableObservation(operation) {\n  disabled
= true;\n  operation();\n  disabled = false;\n}\n\n  var mo = null;\n\nfunction observe(options) {\n  if
(!MUTATION_OBSERVER) return;\n\n  var treeCallback = options.treeCallback,\n    nodeCallback =
options.nodeCallback,\n    pseudoElementsCallback = options.pseudoElementsCallback;\n\n\n  mo = new
MUTATION_OBSERVER(function (objects) {\n    if (disabled) return;\n\n    toArray(objects).forEach(function
(mutationRecord) {\n      if (mutationRecord.type === 'childList' && mutationRecord.addedNodes.length > 0 &&
!isWatched(mutationRecord.addedNodes[0])) {\n        if (config$1.searchPseudoElements) {\n
pseudoElementsCallback(mutationRecord.target);\n        }\n\n        treeCallback(mutationRecord.target);\n        }\n\n        if (mutationRecord.type === 'attributes' && mutationRecord.target.parentNode &&
config$1.searchPseudoElements) {\n          pseudoElementsCallback(mutationRecord.target.parentNode);\n        }\n\n        if (mutationRecord.type === 'attributes' && isWatched(mutationRecord.target) &&
~ATTRIBUTES_WATCHED_FOR_MUTATION.indexOf(mutationRecord.attributeName)) {\n          if
(mutationRecord.attributeName === 'class') {\n            var _getCanonicalIcon =
getCanonicalIcon(classArray(mutationRecord.target)),\n              prefix = _getCanonicalIcon.prefix,\n
              iconName = _getCanonicalIcon.iconName;\n\n            if (prefix) mutationRecord.target.setAttribute('data-prefix',
prefix);\n            if (iconName) mutationRecord.target.setAttribute('data-icon', iconName);\n          } else {\n
nodeCallback(mutationRecord.target);\n          }\n        }\n      }\n\n    if (!IS_DOM) return;\n\n    mo.observe(DOCUMENT.getElementsByTagName('body')[0], {\n      childList: true, attributes: true, characterData:
true, subtree: true\n    });\n\n\nfunction disconnect() {\n  if (!mo) return;\n\n  mo.disconnect();\n}\n\n  var styleParser
= function (node) {\n    var style = node.getAttribute('style');\n\n    var val = [];\n\n    if (style) {\n      val =
style.split(';').reduce(function (acc, style) {\n        var styles = style.split(':');\n        var prop = styles[0];\n        var value
= styles.slice(1);\n\n        if (prop && value.length > 0) {\n          acc[prop] = value.join(':').trim();\n        }\n\n        return
acc;\n      }, {});\n    }\n\n    return val;\n  };\n\nfunction toHex(unicode) {\n    var result = "";\n\n    for (var i = 0; i <
unicode.length; i++) {\n      var hex = unicode.charCodeAt(i).toString(16);\n      result += ('000' + hex).slice(-4);\n    }\n\n    return result;\n  }\n\n  var classParser = function (node) {\n    var existingPrefix = node.getAttribute('data-
prefix');\n    var existingIconName = node.getAttribute('data-icon');\n    var innerText = node.innerText !== undefined
? node.innerText.trim() : "";\n\n    var val = getCanonicalIcon(classArray(node));\n\n    if (existingPrefix &&
existingIconName) {\n      val.prefix = existingPrefix;\n      val.iconName = existingIconName;\n    }\n\n    if (val.prefix
&& innerText.length > 1) {\n      val.iconName = byLigature(val.prefix, node.innerText);\n    } else if (val.prefix &&
innerText.length === 1) {\n      val.iconName = byUnicode(val.prefix, toHex(node.innerText));\n    }\n\n    return
val;\n  };\n\n  var parseTransformString = function parseTransformString(transformString) {\n    var transform = {\n
size: 16,\n    x: 0,\n    y: 0,\n    flipX: false,\n    flipY: false,\n    rotate: 0\n  };\n\n    if (!transformString) {\n      return
transform;\n    } else {\n      return transformString.toLowerCase().split(' ').reduce(function (acc, n) {\n        var parts =
n.toLowerCase().split('-');\n        var first = parts[0];\n        var rest = parts.slice(1).join('-');\n\n        if (first && rest ===
'h') {\n          acc.flipX = true;\n          return acc;\n        }\n\n        if (first && rest === 'v') {\n          acc.flipY = true;\n

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return acc;\n  }\n\n  rest = parseFloat(rest);\n\n  if (isNaN(rest)) {\n    return acc;\n  }\n\n  switch
(first) {\n    case 'grow':\n      acc.size = acc.size + rest;\n      break;\n    case 'shrink':\n      acc.size =
acc.size - rest;\n      break;\n    case 'left':\n      acc.x = acc.x - rest;\n      break;\n    case 'right':\n
acc.x = acc.x + rest;\n      break;\n    case 'up':\n      acc.y = acc.y - rest;\n      break;\n    case 'down':\n
acc.y = acc.y + rest;\n      break;\n    case 'rotate':\n      acc.rotate = acc.rotate + rest;\n      break;\n
}\n\n  return acc;\n }, transform);\n };\n\n\nvar transformParser = function (node) {\n  return
parseTransformString(node.getAttribute('data-fa-transform'));\n};\n\n\nvar symbolParser = function (node) {\n  var
symbol = node.getAttribute('data-fa-symbol');\n\n  return symbol === null ? false : symbol === '' ? true :
symbol;\n};\n\n\nvar attributesParser = function (node) {\n  var extraAttributes =
toArray(node.attributes).reduce(function (acc, attr) {\n    if (acc.name !== 'class' && acc.name !== 'style') {\n
acc[attr.name] = attr.value;\n    }\n    return acc;\n }, {});\n\n  var title = node.getAttribute('title');\n\n  if
(config$.autoA11y) {\n    if (title) {\n      extraAttributes['aria-labelledby'] = config$.replacementClass + '-title-' +
nextUniqueId();\n    } else {\n      extraAttributes['aria-hidden'] = 'true';\n    }\n  }\n\n  return
extraAttributes;\n};\n\n\nvar maskParser = function (node) {\n  var mask = node.getAttribute('data-fa-mask');\n\n  if
(!mask) {\n    return emptyCanonicalIcon();\n  } else {\n    return getCanonicalIcon(mask.split(' ').map(function (i)
{\n      return i.trim();\n    }));\n  }\n};\n\n\nfunction parseMeta(node) {\n  var _classParser = classParser(node),\n  iconName = _classParser.iconName,\n  prefix = _classParser.prefix,\n  extraClasses = _classParser.rest;\n\n  var extraStyles = styleParser(node);\n  var transform = transformParser(node);\n  var symbol =
symbolParser(node);\n  var extraAttributes = attributesParser(node);\n  var mask = maskParser(node);\n\n  return {\n
iconName: iconName,\n  title: node.getAttribute('title'),\n  prefix: prefix,\n  transform: transform,\n  symbol:
symbol,\n  mask: mask,\n  extra: {\n    classes: extraClasses,\n    styles: extraStyles,\n    attributes:
extraAttributes\n  }\n};\n\n\nfunction MissingIcon(error) {\n  this.name = 'MissingIcon';\n  this.message = error
|| 'Icon unavailable';\n  this.stack = new Error().stack;\n}\n\n\nMissingIcon.prototype =
Object.create(Error.prototype);\n\n\nMissingIcon.prototype.constructor = MissingIcon;\n\n\nvar FILL = { fill:
'currentColor' };\n\n\nvar ANIMATION_BASE = {\n  attributeType: 'XML',\n  repeatCount: 'indefinite',\n  dur:
'2s'\n};\n\n\nvar RING = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n    d: 'M156.5,447.71-12.6,29.5c-18.7-9.5-
35.9-21.2-51.5-34.9l22.7-22.7c127.6,430.5,141.5,440,156.5,447.7z M40.6,272H8.5
c1.4,21.2,5.4,41.7,11.7,61.1L50,321.2C45.1,305.5,41.8,289,40.6,272z M40.6,240c1.4-18.8,5.2-37,11.1-54.1l-29.5-
12.6 C14.7,194.3,10,216.7,8.5,240H40.6z M64.3,156.5c7.8-14.9,17.2-28.8,28.1-41.5L69.7,92.3c-13.7,15.6-
25.5,32.8-34.9,51.5 L64.3,156.5z M397,419.6c-13.9,12-29.4,22.3-46.1,30.4l11.9,29.8c20.7-9.9,39.8-22.6,56.9-
37.6L397,419.6z M115,92.4 c13.9-12,29.4-22.3,46.1-30.4l-11.9-29.8c-20.7,9.9-39.8,22.6-56.8,37.6L115,92.4z
M447.7,355.5c-7.8,14.9-17.2,28.8-28.1,41.5 l22.7,22.7c13.7-15.6,25.5-32.9,34.9-51.5L447.7,355.5z M471.4,272c-
1.4,18.8-5.2,37-11.1,54.1l29.5,12.6 c7.5-21.1,12.2-43.5,13.6-66.8H471.4z M321.2,462c-15.7,5-32.2,8.2-
49.2,9.4v32.1c21.2-1.4,41.7-5.4,61.1-11.7L321.2,462z M240,471.4c-18.8-1.4-37-5.2-54.1-11.1l-
12.6,29.5c21.1,7.5,43.5,12.2,66.8,13.6V471.4z M462,190.8c5,15.7,8.2,32.2,9.4,49.2h32.1 c-1.4-21.2-5.4-41.7-11.7-
61.1L462,190.8z M92.4,397c-12-13.9-22.3-29.4-30.4-46.1l-29.8,11.9c9.9,20.7,22.6,39.8,37.6,56.9 L92.4,397z
M272,40.6c18.8,1.4,36.9,5.2,54.1,11.1l12.6-29.5C317.7,14.7,295.3,10,272,8.5V40.6z M190.8,50 c15.7-5,32.2-
8.2,49.2-9.4V8.5c-21.2,1.4-41.7,5.4-61.1,11.7L190.8,50z M442.3,92.3L419.6,115c12,13.9,22.3,29.4,30.5,46.1
l29.8-11.9C470,128.5,457.3,109.4,442.3,92.3z M397,92.4l22.7-22.7c-15.6-13.7-32.8-25.5-51.5-34.9l-12.6,29.5
C370.4,72.1,384.4,81.5,397,92.4z\n })\n};\n\n\nvar OPACITY_ANIMATE = _extends({}, ANIMATION_BASE, {\n  attributeName:
'opacity'\n});\n\n\nvar DOT = {\n  tag: 'circle',\n  attributes: _extends({}, FILL, {\n    cx: '256',\n    cy:
'364',\n    r: '28'\n })),\n  children: [{ tag: 'animate', attributes: _extends({}, ANIMATION_BASE, { attributeName:
'r', values: '28;14;28;28;14;28;' } ) }, { tag: 'animate', attributes: _extends({}, OPACITY_ANIMATE, { values:
'1;0;1;1;0;1;' } ) }]\n};\n\n\nvar QUESTION = {\n  tag: 'path',\n  attributes: _extends({}, FILL, {\n    opacity: '1',\n    d:
'M263.7,312h-16c-6.6,0-12-5.4-12-12c0-71,77.4-63.9,77.4-107.8c0-20-17.8-40.2-57.4-40.2c-29.1,0-44.3,9.6-
59.2,28.7 c-3.9,5-11.1,6-16.2,2.4l-13.1-9.2c-5.6-3.9-6.9-11.8-2.6-17.2c21.2-27.2,46.4-44.7,91.2-
44.7c52.3,0,97.4,29.8,97.4,80.2 c0,67.6-77.4,63.5-77.4,107.8C275.7,306.6,270.3,312,263.7,312z\n })),\n  children:
[{\n    tag: 'animate',\n    attributes: _extends({}, OPACITY_ANIMATE,\n    {\n      values: '1;0;0;0;1;'
    })\n  }]\n};\n\n\nvar

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EXCLAMATION = {\n tag: 'path',\n attributes: _extends({}, FILL, {\n opacity: '0',\n d:
'M232.5,134.517,168c0.3,6.4,5.6,11.5,12,11.5h9c6.4,0,11.7-5.1,12-11.517-168c0.3-6.8-5.2-12.5-12-12.5h-23
C237.7,122,232.2,127.7,232.5,134.5z\n }),\n children: [{ tag: 'animate', attributes: _extends({},
OPACITY_ANIMATE, { values: '0;0;1;1;0;0;' }) ]\n};\n\nvar missing = { tag: 'g', children: [RING, DOT,
QUESTION, EXCLAMATION] };\n\nvar styles = namespace.styles;\n\nvar LAYERS_TEXT_CLASSNAME = 'fa-
layers-text';\n\nvar FONT_FAMILY_PATTERN = /Font Awesome 5 (Solid|Regular|Light|Brands)/;\n\nvar
STYLE_TO_PREFIX = {\n 'Solid': 'fas',\n 'Regular': 'far',\n 'Light': 'fal',\n 'Brands': 'fab'\n};\n\nfunction
findIcon(iconName, prefix) {\n var val = {\n found: false,\n width: 512,\n height: 512,\n icon: missing\n
};\n\n if (iconName && prefix && styles[prefix] && styles[prefix][iconName]) {\n var icon =
styles[prefix][iconName];\n var width = icon[0];\n var height = icon[1];\n var vectorData = icon.slice(4);\n\n
val = {\n found: true,\n width: width,\n height: height,\n icon: { tag: 'path', attributes: { fill:
'currentColor', d: vectorData[0] } }\n };;\n } else if (iconName && prefix && !config$.showMissingIcons) {\n
throw new MissingIcon('Icon is missing for prefix ' + prefix + ' with icon name ' + iconName);\n };\n\n return
val;\n}\n\nfunction generateSvgReplacementMutation(node, nodeMeta) {\n var iconName =
nodeMeta.iconName,\n title = nodeMeta.title,\n prefix = nodeMeta.prefix,\n transform =
nodeMeta.transform,\n symbol = nodeMeta.symbol,\n mask = nodeMeta.mask,\n extra =
nodeMeta.extra;\n\n\n return [node, makeInlineSvgAbstract({\n icons: {\n main: findIcon(iconName,
prefix),\n mask: findIcon(mask.iconName, mask.prefix)\n },\n prefix: prefix,\n iconName: iconName,\n
transform: transform,\n symbol: symbol,\n mask: mask,\n title: title,\n extra: extra,\n watchable: true\n
})];\n}\n\nfunction generateLayersText(node, nodeMeta) {\n var title = nodeMeta.title,\n transform =
nodeMeta.transform,\n extra = nodeMeta.extra;\n\n\n var width = null;\n var height = null;\n\n if (IS_IE) {\n
var computedFontSize = parseInt(getComputedStyle(node).fontSize, 10);\n var boundingClientRect =
node.getBoundingClientRect();\n width = boundingClientRect.width / computedFontSize;\n height =
boundingClientRect.height / computedFontSize;\n }\n\n if (config$.autoA11y && !title) {\n
extra.attributes['aria-hidden'] = 'true';\n }\n\n return [node, makeLayersTextAbstract({\n content:
node.innerHTML,\n width: width,\n height: height,\n transform: transform,\n title: title,\n extra: extra,\n
watchable: true\n })];\n}\n\nfunction generateMutation(node) {\n var nodeMeta = parseMeta(node);\n\n if
(~nodeMeta.extra.classes.indexOf(LAYERS_TEXT_CLASSNAME)) {\n return generateLayersText(node,
nodeMeta);\n } else {\n return generateSvgReplacementMutation(node, nodeMeta);\n }\n}\n\nfunction
remove(node) {\n if (typeof node.remove === 'function') {\n node.remove();\n } else if (node &&
node.parentNode) {\n node.parentNode.removeChild(node);\n }\n}\n\nfunction searchPseudoElements(root) {\n
if (!IS_DOM) return;\n\n var end = perf.begin('searchPseudoElements');\n\n disableObservation(function () {\n
toArray(root.querySelectorAll('*')).forEach(function (node) {\n ['before', 'after'].forEach(function (pos) {\n
var styles = WINDOW.getComputedStyle(node, pos);\n var fontFamily = styles.getPropertyValue('font-
family').match(FONT_FAMILY_PATTERN);\n var children = toArray(node.children);\n var
pseudoElement = children.filter(function (c) {\n return c.getAttribute(DATA_FA_PSEUDO_ELEMENT) ===
pos;\n })[0];\n\n if (pseudoElement) {\n if (pseudoElement.nextSibling &&
pseudoElement.nextSibling.textContent.indexOf(DATA_FA_PSEUDO_ELEMENT) > -1) {\n
remove(pseudoElement.nextSibling);\n };\n remove(pseudoElement);\n pseudoElement = null;\n
}\n\n if (fontFamily && !pseudoElement) {\n var content = styles.getPropertyValue('content');\n var
i = DOCUMENT.createElement('i');\n i.setAttribute('class', ' ' + STYLE_TO_PREFIX[fontFamily[1]]);\n
i.setAttribute(DATA_FA_PSEUDO_ELEMENT, pos);\n i.innerHTML = content.length === 3 ?
content.substr(1, 1) : content;\n if (pos === 'before') {\n node.insertBefore(i, node.firstChild);\n }
else {\n node.appendChild(i);\n }\n }\n });;\n });;\n\n end();\n}\n\nfunction onTree(root)
{\n var callback = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : null;\n\n if (!IS_DOM)
return;\n\n var htmlClassList = DOCUMENT.documentElement.classList;\n var hclAdd = function hclAdd(suffix)
{\n return htmlClassList.add(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n };;\n var hclRemove =
function hclRemove(suffix) {\n return htmlClassList.remove(HTML_CLASS_I2SVG_BASE_CLASS + '-' +

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suffix);\n };\n var prefixes = Object.keys(styles);\n var prefixesDomQuery = ['.' +
LAYERS_TEXT_CLASSNAME + ':not([' + DATA_FA_I2SVG + '])'].concat(prefixes.map(function (p) {\n
return '.' + p + ':not([' + DATA_FA_I2SVG + ']);\n })).join(', ');\n\n if (prefixesDomQuery.length === 0) {\n
return;\n }\n\n var candidates = toArray(root.querySelectorAll(prefixesDomQuery));\n\n if (candidates.length > 0)
{\n  hclAdd('pending');\n  hclRemove('complete');\n } else {\n  return;\n }\n\n var mark =
perf.begin('onTree');\n\n var mutations = candidates.reduce(function (acc, node) {\n  try {\n    var mutation =
generateMutation(node);\n\n    if (mutation) {\n      acc.push(mutation);\n    } catch (e) {\n      if
(!PRODUCTION) {\n        if (e instanceof MissingIcon) {\n          console.error(e);\n        }\n      }\n    }\n  }\n\n return
acc;\n }, []);\n\n mark();\n\n perform(mutations, function () {\n  hclAdd('active');\n  hclAdd('complete');\n
hclRemove('pending');\n\n  if (typeof callback === 'function') callback();\n });\n\n\nfunction onNode(node) {\n
var callback = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : null;\n\n var mutation =
generateMutation(node);\n\n if (mutation) {\n  perform([mutation], callback);\n }\n\n\nvar baseStyles =
`svg:not(:root).svg-inline--fa {\n  overflow: visible; }\n\n.svg-inline--fa {\n  display: inline-block;\n  font-size:
inherit;\n  height: 1em;\n  overflow: visible;\n  vertical-align: -.125em; }\n\n.svg-inline--fa.fa-lg {\n  vertical-
align: -.225em; }\n\n.svg-inline--fa.fa-w-1 {\n  width: 0.0625em; }\n\n.svg-inline--fa.fa-w-2 {\n  width:
0.125em; }\n\n.svg-inline--fa.fa-w-3 {\n  width: 0.1875em; }\n\n.svg-inline--fa.fa-w-4 {\n  width: 0.25em; }\n\n
.svg-inline--fa.fa-w-5 {\n  width: 0.3125em; }\n\n.svg-inline--fa.fa-w-6 {\n  width: 0.375em; }\n\n.svg-inline--
fa.fa-w-7 {\n  width: 0.4375em; }\n\n.svg-inline--fa.fa-w-8 {\n  width: 0.5em; }\n\n.svg-inline--fa.fa-w-9 {\n
width: 0.5625em; }\n\n.svg-inline--fa.fa-w-10 {\n  width: 0.625em; }\n\n.svg-inline--fa.fa-w-11 {\n  width:
0.6875em; }\n\n.svg-inline--fa.fa-w-12 {\n  width: 0.75em; }\n\n.svg-inline--fa.fa-w-13 {\n  width: 0.8125em;
}\n\n.svg-inline--fa.fa-w-14 {\n  width: 0.875em; }\n\n.svg-inline--fa.fa-w-15 {\n  width: 0.9375em; }\n\n.svg-
inline--fa.fa-w-16 {\n  width: 1em; }\n\n.svg-inline--fa.fa-w-17 {\n  width: 1.0625em; }\n\n.svg-inline--fa.fa-w-
18 {\n  width: 1.125em; }\n\n.svg-inline--fa.fa-w-19 {\n  width: 1.1875em; }\n\n.svg-inline--fa.fa-w-20 {\n
width: 1.25em; }\n\n.svg-inline--fa.fa-pull-left {\n  margin-right: .3em;\n  width: auto; }\n\n.svg-inline--fa-
fa-pull-right {\n  margin-left: .3em;\n  width: auto; }\n\n.svg-inline--fa.fa-border {\n  height: 1.5em; }\n\n.svg-
inline--fa.fa-li {\n  width: 2em; }\n\n.svg-inline--fa.fa-fw {\n  width: 1.25em; }\n\n\n.fa-layers svg.svg-inline--fa
{\n  bottom: 0;\n  left: 0;\n  margin: auto;\n  position: absolute;\n  right: 0;\n  top: 0; }\n\n\n.fa-layers {\n
display: inline-block;\n  height: 1em;\n  position: relative;\n  text-align: center;\n  vertical-align: -.125em;\n
width: 1em; }\n\n .fa-layers svg.svg-inline--fa {\n  -webkit-transform-origin: center center;\n    transform-
origin: center center; }\n\n\n.fa-layers-text, .fa-layers-counter {\n  display: inline-block;\n  position: absolute;\n
text-align: center; }\n\n\n.fa-layers-text {\n  left: 50%;\n  top: 50%;\n  -webkit-transform: translate(-50%, -
50%);\n    transform: translate(-50%, -50%);\n  -webkit-transform-origin: center center;\n    transform-
origin: center center; }\n\n\n.fa-layers-counter {\n  background-color: #ff253a;\n  border-radius: 1em;\n  -webkit-
box-sizing: border-box;\n    box-sizing: border-box;\n  color: #fff;\n  height: 1.5em;\n  line-height: 1;\n  max-
width: 5em;\n  min-width: 1.5em;\n  overflow: hidden;\n  padding: .25em;\n  right: 0;\n  text-overflow:
ellipsis;\n  top: 0;\n  -webkit-transform: scale(0.25);\n    transform: scale(0.25);\n  -webkit-transform-origin:
top right;\n    transform-origin: top right; }\n\n\n.fa-layers-bottom-right {\n  bottom: 0;\n  right: 0;\n  top:
auto;\n  -webkit-transform: scale(0.25);\n    transform: scale(0.25);\n  -webkit-transform-origin: bottom
right;\n    transform-origin: bottom right; }\n\n\n.fa-layers-bottom-left {\n  bottom: 0;\n  left: 0;\n  right:
auto;\n  top: auto;\n  -webkit-transform: scale(0.25);\n    transform: scale(0.25);\n  -webkit-transform-origin:
bottom left;\n    transform-origin: bottom left; }\n\n\n.fa-layers-top-right {\n  right: 0;\n  top: 0;\n  -webkit-
transform: scale(0.25);\n    transform: scale(0.25);\n  -webkit-transform-origin: top right;\n    transform-
origin: top right; }\n\n\n.fa-layers-top-left {\n  left: 0;\n  right: auto;\n  top: 0;\n  -webkit-transform: scale(0.25);\n
transform: scale(0.25);\n  -webkit-transform-origin: top left;\n    transform-origin: top left; }\n\n\n.fa-lg
{\n  font-size: 1.33333em;\n  line-height: 0.75em;\n  vertical-align: -.0667em; }\n\n\n.fa-xs {\n  font-size: .75em;
}\n\n\n.fa-sm {\n  font-size: .875em; }\n\n\n.fa-1x {\n  font-size: 1em; }\n\n\n.fa-2x {\n  font-size: 2em; }\n\n\n.fa-
3x {\n  font-size: 3em; }\n\n\n.fa-4x {\n  font-size: 4em; }\n\n\n.fa-5x {\n  font-size: 5em; }\n\n\n.fa-6x {\n  font-
size: 6em; }\n\n\n.fa-7x {\n  font-size: 7em; }\n\n\n.fa-8x {\n  font-size: 8em; }\n\n\n.fa-9x {\n  font-size: 9em;
}

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}\n\n.fa-10x {\n font-size: 10em; }\n\n.fa-fw {\n text-align: center;\n width: 1.25em; }\n\n.fa-ul {\n list-style-type: none;\n margin-left: 2.5em;\n padding-left: 0; }\n\n .fa-ul > li {\n position: relative; }\n\n\n.fa-li {\n left: -2em;\n position: absolute;\n text-align: center;\n width: 2em;\n line-height: inherit; }\n\n\n.fa-border {\n border: solid 0.08em #eee;\n border-radius: .1em;\n padding: .2em .25em .15em; }\n\n\n.fa-pull-left {\n float: left; }\n\n\n.fa-pull-right {\n float: right; }\n\n\n.fa.fa-pull-left,\n\n.fas.fa-pull-left,\n\n.far.fa-pull-left,\n\n.fal.fa-pull-left,\n\n.fab.fa-pull-left {\n margin-right: .3em; }\n\n\n.fa.fa-pull-right,\n\n.fas.fa-pull-right,\n\n.far.fa-pull-right,\n\n.fal.fa-pull-right,\n\n.fab.fa-pull-right {\n margin-left: .3em; }\n\n\n.fa-spin {\n -webkit-animation: fa-spin 2s infinite linear;\n animation: fa-spin 2s infinite linear; }\n\n\n.fa-pulse {\n -webkit-animation: fa-spin 1s infinite steps(8);\n animation: fa-spin 1s infinite steps(8); }\n\n\n@-webkit-keyframes fa-spin {\n 0% {\n -webkit-transform: rotate(0deg);\n transform: rotate(0deg); }\n 100% {\n -webkit-transform: rotate(360deg);\n transform: rotate(360deg); }\n }\n\n\n@keyframes fa-spin {\n 0% {\n -webkit-transform: rotate(0deg);\n transform: rotate(0deg); }\n 100% {\n -webkit-transform: rotate(360deg);\n transform: rotate(360deg); }\n }\n\n\n.fa-rotate-90 {\n -ms-filter: \\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=1)\\\";\n -webkit-transform: rotate(90deg);\n transform: rotate(90deg); }\n\n\n.fa-rotate-180 {\n -ms-filter: \\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2)\\\";\n -webkit-transform: rotate(180deg);\n transform: rotate(180deg); }\n\n\n.fa-rotate-270 {\n -ms-filter: \\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=3)\\\";\n -webkit-transform: rotate(270deg);\n transform: rotate(270deg); }\n\n\n.fa-flip-horizontal {\n -ms-filter: \\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=0, mirror=1)\\\";\n -webkit-transform: scale(-1, 1);\n transform: scale(-1, 1); }\n\n\n.fa-flip-vertical {\n -ms-filter: \\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)\\\";\n -webkit-transform: scale(1, -1);\n transform: scale(1, -1); }\n\n\n.fa-flip-horizontal.fa-flip-vertical {\n -ms-filter: \\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)\\\";\n -webkit-transform: scale(-1, -1);\n transform: scale(-1, -1); }\n\n\n:root .fa-rotate-90,\n\n:root .fa-rotate-180,\n\n:root .fa-rotate-270,\n\n:root .fa-flip-horizontal,\n\n:root .fa-flip-vertical {\n -webkit-filter: none;\n filter: none; }\n\n\n.fa-stack {\n display: inline-block;\n height: 2em;\n position: relative;\n width: 2em; }\n\n\n.fa-stack-1x,\n\n.fa-stack-2x {\n bottom: 0;\n left: 0;\n margin: auto;\n position: absolute;\n right: 0;\n top: 0; }\n\n\n.svg-inline--fa.fa-stack-1x {\n height: 1em;\n width: 1em; }\n\n\n.svg-inline--fa.fa-stack-2x {\n height: 2em;\n width: 2em; }\n\n\n.fa-inverse {\n color: #fff; }\n\n\n.sr-only {\n border: 0;\n clip: rect(0, 0, 0, 0);\n height: 1px;\n margin: -1px;\n overflow: hidden;\n padding: 0;\n position: absolute;\n width: 1px; }\n\n\n.sr-only-focusable:active,\n\n.sr-only-focusable:focus {\n clip: auto;\n height: auto;\n margin: 0;\n overflow: visible;\n position: static;\n width: auto; }\n\n\n";\n\n\nvar css = function () {\n var dfp = DEFAULT_FAMILY_PREFIX;\n var drc = DEFAULT_REPLACEMENT_CLASS;\n var fp = config$.familyPrefix;\n var rc = config$.replacementClass;\n var s = baseStyles;\n\n if (fp !== dfp || rc !== drc) {\n var dPatt = new RegExp("\\\\\\" + dfp + '\\\\\\"', 'g');\n var rPatt = new RegExp("\\\\\\" + drc + '\\\\\\"', 'g');\n s = s.replace(dPatt, '.' + fp + '-').replace(rPatt, '.' + rc);\n }\n\n return s;\n};\n\n\nfunction define(prefix, icons) {\n var normalized = Object.keys(icons).reduce(function (acc, iconName) {\n var icon = icons[iconName];\n var expanded = !!icon.icon;\n\n if (expanded) {\n acc[icon.iconName] = icon.icon;\n } else {\n acc[iconName] = icon;\n }\n\n return acc;\n }, {});\n\n if (typeof namespace.hooks.addPack === 'function') {\n namespace.hooks.addPack(prefix, normalized);\n } else {\n namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, normalized);\n }\n\n /**\n * Font Awesome 4 used the prefix of `fa` for all icons. With the introduction\n * of new styles we needed to differentiate between them. Prefix `fa` is now an alias\n * for `fas` so we'll ease the upgrade process for our users by automatically defining\n * this as well.\n *\n *^ if (prefix === 'fas') {\n define('fa', icons);\n }\n\n\n\nvar Library = function () {\n function Library() {\n classCallCheck(this, Library);\n\n this.definitions = {};\n }\n\n createClass(Library, [{\n key: 'add',\n value: function add() {\n var _this = this;\n\n for (var _len = arguments.length, definitions = Array(_len), _key = 0; _key < _len; _key++) {\n definitions[_key] = arguments[_key];\n }\n\n var additions = definitions.reduce(this._pullDefinitions, {});\n
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Object.keys(additions).forEach(function (key) {\n    _this.definitions[key] = _extends({}, _this.definitions[key] ||
    {}, additions[key]);\n    define(key, additions[key]);\n });\n }\n }, {\n key: 'reset',\n value: function
reset() {\n this.definitions = {};\n }\n }, {\n key: '_pullDefinitions',\n value: function
_pullDefinitions(additions, definition) {\n var normalized = definition.prefix && definition.iconName &&
definition.icon ? { 0: definition } : definition;\n Object.keys(normalized).map(function (key) {\n var
_normalizedName = normalized[key],\n prefix = _normalizedName.prefix,\n iconName =
_normalizedName.iconName,\n icon = _normalizedName.icon;\n\n if (!additions[prefix])
additions[prefix] = {};\n additions[prefix][iconName] = icon;\n });\n return additions;\n }\n });\n
return Library;\n})();\n\nfunction prepIcon(icon) {\n var width = icon[0];\n var height = icon[1];\n var vectorData =
icon.slice(4);\n\n return {\n found: true,\n width: width,\n height: height,\n icon: { tag: 'path', attributes: {
fill: 'currentColor', d: vectorData[0] } }\n };\n}\n\nvar _cssInserted = false;\n\nfunction ensureCss() {\n if
(!config$1.autoAddCss) {\n return;\n }\n\n if (!_cssInserted) {\n insertCss(css());\n }\n\n _cssInserted =
true;\n}\n\nfunction apiObject(val, abstractCreator) {\n Object.defineProperty(val, 'abstract', {\n get:
abstractCreator\n });\n\n Object.defineProperty(val, 'html', {\n get: function get() {\n return
val.abstract.map(function (a) {\n return toHtml(a);\n });\n }\n });\n\n Object.defineProperty(val, 'node',
{\n get: function get() {\n if (!IS_DOM) return;\n\n var container = DOCUMENT.createElement('div');\n
container.innerHTML = val.html;\n return container.children;\n }\n });\n\n return val;\n}\n\nfunction
findIconDefinition(params) {\n var _params$prefix = params.prefix,\n prefix = _params$prefix === undefined ?
'fa' : _params$prefix,\n iconName = params.iconName;\n\n if (!iconName) return;\n\n return
iconFromMapping(library.definitions, prefix, iconName) || iconFromMapping(namespace.styles, prefix,
iconName);\n}\n\nfunction resolveIcons(next) {\n return function (maybeIconDefinition) {\n var params =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n\n var iconDefinition =
(maybeIconDefinition || {}).icon ? maybeIconDefinition : findIconDefinition(maybeIconDefinition || {});\n\n var
mask = params.mask;\n\n if (mask) {\n mask = (mask || {}).icon ? mask : findIconDefinition(mask || {});\n
}\n\n return next(iconDefinition, _extends({}, params, { mask: mask }));\n }\n }\n\nvar library = new
Library();\n\nvar noAuto = function noAuto() {\n auto(false);\n disconnect();\n};\n\nvar dom = {\n i2svg: function
i2svg() {\n var params = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n\n if
(IS_DOM) {\n ensureCss();\n\n var _params$node = params.node,\n node = _params$node ===
undefined ? DOCUMENT : _params$node,\n _params$callback = params.callback,\n callback =
_params$callback === undefined ? function () {} : _params$callback;\n\n if (config$1.searchPseudoElements)
{\n searchPseudoElements(node);\n }\n\n onTree(node, callback);\n }\n },\n\n css: css,\n\n insertCss:
function insertCss$$1() {\n insertCss(css());\n }\n};\n\nvar parse = {\n transform: function
transform(transformString) {\n return parseTransformString(transformString);\n }\n};\n\nvar icon =
resolveIcons(function (iconDefinition) {\n var params = arguments.length > 1 && arguments[1] !== undefined ?
arguments[1] : {};\n var _params$transform = params.transform,\n transform = _params$transform ===
undefined ? meaninglessTransform : _params$transform,\n _params$symbol = params.symbol,\n symbol =
_params$symbol === undefined ? false : _params$symbol,\n _params$mask = params.mask,\n mask =
_params$mask === undefined ? null : _params$mask,\n _params$title = params.title,\n title = _params$title
=== undefined ? null : _params$title,\n _params$classes = params.classes,\n classes = _params$classes ===
undefined ? [] : _params$classes,\n _params$attributes = params.attributes,\n attributes = _params$attributes
=== undefined ? {} : _params$attributes,\n _params$styles = params.styles,\n styles = _params$styles ===
undefined ? {} : _params$styles;\n\n if (!iconDefinition) return;\n\n var prefix = iconDefinition.prefix,\n
iconName = iconDefinition.iconName,\n icon = iconDefinition.icon;\n\n return apiObject(_extends({ type:
'icon' }, iconDefinition), function () {\n ensureCss();\n\n if (config$1.autoA11y) {\n if (title) {\n
attributes['aria-labelledby'] = config$1.replacementClass + '-title-' + nextUniqueId();\n } else {\n
attributes['aria-hidden'] = 'true';\n }\n }\n }\n\n return makeInlineSvgAbstract({\n icons: {\n main:
prepIcon(icon),\n mask: mask ? prepIcon(mask.icon) : { found: false, width: null, height: null, icon: {} }\n
},\n prefix: prefix,\n iconName: iconName,\n transform: _extends({}, meaninglessTransform, transform),\n

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symbol: symbol,\n title: title,\n extra: {\n attributes: attributes,\n styles: styles,\n classes:
classes\n }\n });\n });\n });\n});\n\nvar text = function text(content) {\n var params = arguments.length > 1 &&
arguments[1] !== undefined ? arguments[1] : {};\n var _params$transform2 = params.transform,\n transform =
_params$transform2 === undefined ? meaninglessTransform : _params$transform2,\n _params$title2 =
params.title,\n title = _params$title2 === undefined ? null : _params$title2,\n _params$classes2 =
params.classes,\n classes = _params$classes2 === undefined ? [] : _params$classes2,\n _params$attributes2 =
params.attributes,\n attributes = _params$attributes2 === undefined ? {} : _params$attributes2,\n
_params$styles2 = params.styles,\n styles = _params$styles2 === undefined ? {} : _params$styles2;\n\n\n return
apiObject({ type: 'text', content: content }, function () {\n ensureCss();\n\n return makeLayersTextAbstract({\n
content: content,\n transform: _extends({}, meaninglessTransform, transform),\n title: title,\n extra: {\n
attributes: attributes,\n styles: styles,\n classes: [config$.familyPrefix + '-layers-
text'].concat(toConsumableArray(classes))\n }\n });\n });\n });\n});\n\nvar layer = function layer(assembly) {\n
return apiObject({ type: 'layer' }, function () {\n ensureCss();\n\n var children = [];\n\n assembler(function
(args) {\n Array.isArray(args) ? args.map(function (a) {\n children = children.concat(a.abstract);\n }):
children = children.concat(args.abstract);\n });\n\n\n return [{\n tag: 'span',\n attributes: { class:
config$.familyPrefix + '-layers' },\n children: children\n });\n });\n });\n});\n\nvar api$1 = {\n noAuto: noAuto,\n
dom: dom,\n library: library,\n parse: parse,\n findIconDefinition: findIconDefinition,\n icon: icon,\n text: text,\n
layer: layer\n});\n\nvar autoReplace = function autoReplace() {\n if (IS_DOM && config$.autoReplaceSvg)
api$1.dom.i2svg({ node: DOCUMENT });\n});\n\nfunction bootstrap() {\n if (IS_BROWSER) {\n if
(!WINDOW.FontAwesome) {\n WINDOW.FontAwesome = api$1;\n }\n\n domready(function () {\n if
(Object.keys(namespace.styles).length > 0) {\n autoReplace();\n }\n\n if (config$.observeMutations &&
typeof MutationObserver === 'function') {\n observe({\n treeCallback: onTree,\n nodeCallback:
onNode,\n pseudoElementsCallback: searchPseudoElements\n });\n }\n });\n }\n\n namespace.hooks = _extends({}, namespace.hooks, {\n\n addPack: function addPack(prefix, icons) {\n
namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, icons);\n\n build();\n autoReplace();\n
},\n\n addShims: function addShims(shims) {\n var _namespace$shims;\n (_namespace$shims =
namespace.shims).push.apply(_namespace$shims, toConsumableArray(shims));\n\n build();\n
autoReplace();\n }\n });\n });\n\n\nObject.defineProperty(api$1, 'config', {\n get: function get() {\n return
config$1;\n },\n set: function set(newConfig) {\n update(newConfig);\n }\n });\n\nif (IS_DOM)
bunker(bootstrap);\n\nvar config = api$1.config;\n\nexport { config, icon, noAuto, layer, text, library, dom, parse,
findIconDefinition };
\nexport default api$1;\n\n","var isObject = require('./_is-object');\n\nmodule.exports = function
(it) {\n if (!isObject(it)) throw TypeError(it + ' is not an object!');\n return it;\n};\n\n","/**\n * This method returns
the first argument it receives.\n *\n * @static\n * @since 0.1.0\n * @memberOf _\n * @category Util\n * @param
{*} value Any value.\n * @returns {*} Returns `value`.\n * @example\n *\n * var object = { 'a': 1 };\n *\n *
console.log(_.identity(object) === object);\n * // => true\n *\n\nfunction identity(value) {\n return
value;\n}\n\nmodule.exports = identity;\n\n","var has = require('./_has');\n\nvar toObject = require('./_to-iobject');\n\nvar
arrayIndexOf = require('./_array-includes')(false);\n\nvar IE_PROTO = require('./_shared-
key')(IE_PROTO);\n\nmodule.exports = function (object, names) {\n var O = toObject(object);\n var i = 0;\n var
result = [];\n var key;\n for (key in O) if (key !== IE_PROTO) has(O, key) && result.push(key);\n // Don't enum
bug & hidden keys\n while (names.length > i) if (has(O, key = names[i++])) {\n ~arrayIndexOf(result, key) ||
result.push(key);\n }\n\n return result;\n};\n\n","var Symbol = require('./_Symbol'),\n\n arrayMap =
require('./_arrayMap'),\n\n isArray = require('./isArray'),\n\n isSymbol = require('./isSymbol');\n\n\n/** Used as
references for various `Number` constants. *\n\nvar INFINITY = 1 / 0;\n\n\n/** Used to convert symbols to primitives
and strings. *\n\nvar symbolProto = Symbol ? Symbol.prototype : undefined,\n\n symbolToString = symbolProto ?
symbolProto.toString : undefined;\n\n\n/**\n * The base implementation of `_.toString` which doesn't convert
nullish\n * values to empty strings.\n *\n * @private\n * @param {*} value The value to process.\n * @returns
{string} Returns the string.\n *\n\nfunction baseToString(value) {\n // Exit early for strings to avoid a performance
hit in some environments.\n if (typeof value === 'string') {\n return value;\n }\n\n if (isArray(value)) {\n //

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Recursively convert values (susceptible to call stack limits).\n  return arrayMap(value, baseToString) + ";\n }\n if
(isSymbol(value)) {\n  return symbolToString ? symbolToString.call(value) : ";\n }\n var result = (value + ");\n
return (result === '0' && (1 / value) === -INFINITY) ? '-0' : result;\n}\n\nmodule.exports = baseToString;\n", "var
ListCache = require('./_ListCache'),\n  Map = require('./_Map'),\n  MapCache = require('./_MapCache');\n\n/**
Used as the size to enable large array optimizations. *\nvar LARGE_ARRAY_SIZE = 200;\n\n**\n * Sets the
stack `key` to `value`.\n * @private\n * @name set\n * @memberOf Stack\n * @param {string} key The key of
the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the stack cache instance.\n
**\nfunction stackSet(key, value) {\n  var data = this.__data__;\n  if (data instanceof ListCache) {\n    var pairs =
data.__data__;\n    if (!Map || (pairs.length < LARGE_ARRAY_SIZE - 1)) {\n      pairs.push([key, value]);\n
this.size = ++data.size;\n    return this;\n  }\n  data = this.__data__ = new MapCache(pairs);\n  }\n  data.set(key,
value);\n  this.size = data.size;\n  return this;\n}\n\nmodule.exports = stackSet;\n", "use
strict";\nObject.defineProperty(exports, '__esModule', { value: true });\nvar prefix = 'fas';\nvar iconName =
'envelope';\nvar width = 512;\nvar height = 512;\nvar ligatures = [];\nvar unicode = 'f0e0';\nvar svgPathData =
'M502.3 190.8c3.9-3.1 9.7-2.9 7.4 4.7V400c0 26.5-21.5 48-48 48H48c-26.5 0-48-21.5-48-48V195.6c0-5 5.7-7.8 9.7-
4.7 22.4 17.4 52.1 39.5 154.1 113.6 21.1 15.4 56.7 47.8 92.2 47.6 35.7 3 72-32.8 92.3-47.6 102-74.1 131.6-96.3
154-113.7zM256 320c23.2 4 56.6-29.2 73.4-41.4 132.7-96.3 142.8-104.7 173.4-128.7 5.8-4.5 9.2-11.5 9.2-18.9v-
19c0-26.5-21.5-48-48-48H48C21.5 64 0 85.5 0 112v19c0 7.4 3.4 14.3 9.2 18.9 30.6 23.9 40.7 32.4 173.4 128.7 16.8
12.2 50.2 41.8 73.4 41.4z';\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n
width,\n  height,\n  ligatures,\n  unicode,\n  svgPathData\n ]};\n\nexports.faEnvelope =
exports.definition;\nexports.prefix = prefix;\nexports.iconName = iconName;\nexports.width =
width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode = unicode;\nexports.svgPathData =
svgPathData;\n\n**\n * This method returns a new empty array.\n * @static\n * @memberOf _\n * @since
4.13.0\n * @category Util\n * @returns {Array} Returns the new empty array.\n * @example\n *\n * var arrays =
_.times(2, _.stubArray);\n *\n * console.log(arrays);\n * // => [[], []]\n *\n * console.log(arrays[0] === arrays[1]);\n
* // => false\n *\nfunction stubArray() {\n  return [];\n}\n\nmodule.exports = stubArray;\n", "var baseIsArguments =
require('./_baseIsArguments'),\n  isObjectLike = require('./isObjectLike');\n\n**\n * Used for built-in method
references. *\nvar objectProto = Object.prototype;\n\n**\n * Used to check objects for own properties. *\nvar
hasOwnProperty = objectProto.hasOwnProperty;\n\n**\n * Built-in value references. *\nvar propertyIsEnumerable =
objectProto.propertyIsEnumerable;\n\n**\n * Checks if `value` is likely an `arguments` object.\n * @static\n *
@memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns
{boolean} Returns `true` if `value` is an `arguments` object, `false` otherwise.\n * @example\n *\n *
_.isArguments(function() { return arguments; }());\n * // => true\n *\n * _.isArguments([1, 2, 3]);\n * // => false\n
*\nvar isArguments = baseIsArguments(function() { return arguments; }()) ? baseIsArguments : function(value) {\n
return isObjectLike(value) && hasOwnProperty.call(value, 'callee') &&
!propertyIsEnumerable.call(value, 'callee');\n};\n\nmodule.exports = isArguments;\n", "module.exports = function (it) {\n
return typeof it === 'object' ?
it !== null : typeof it === 'function';\n};\n\n", "*/\n * The base implementation of `_.sortBy` which uses `comparer` to
define the\n * sort order of `array` and replaces criteria objects with their corresponding\n * values.\n * @private\n
* @param {Array} array The array to sort.\n * @param {Function} comparer The function to define sort
order.\n * @returns {Array} Returns `array`.\n *\nfunction baseSortBy(array, comparer) {\n  var length =
array.length;\n\n  array.sort(comparer);\n  while (length--) {\n    array[length] = array[length].value;\n  }\n
return array;\n}\n\nmodule.exports = baseSortBy;\n", "export default function _classCallCheck(instance, Constructor) {\n
if (!(instance instanceof Constructor)) {\n  throw new TypeError("Cannot call a class as a function");\n
}\n}\n", "module.exports = function (done, value) {\n  return { value: value, done: !!done };;\n};\n", "var MapCache =
require('./_MapCache'),\n  setCacheAdd = require('./_setCacheAdd'),\n  setCacheHas =
require('./_setCacheHas');\n\n**\n * Creates an array cache object to store unique values.\n * @private\n *
@constructor\n * @param {Array} [values] The values to cache.\n *\nfunction SetCache(values) {\n  var index = -
1,\n    length = values == null ? 0 : values.length;\n\n  this.__data__ = new MapCache;\n  while (++index < length)
{\n    this.add(values[index]);\n  }\n}\n\n// Add methods to `SetCache`.\nSetCache.prototype.add =

```

```

SetCache.prototype.push = setCacheAdd;\nSetCache.prototype.has = setCacheHas;\n\nmodule.exports =
SetCache;\n", "module.exports = function (it) {\n  if (typeof it !== 'function') throw TypeError(it + ' is not a
function!');\n  return it;\n};\n", "var root = require('./_root');\n\n/** Used to detect overreaching core-js shims. */\nvar
coreJsData = root['__core-js_shared__'];\n\nmodule.exports = coreJsData;\n", "/*\n * Checks if `value` is in the
array cache.\n * @private\n * @name has\n * @memberOf SetCache\n * @param {*} value The value to search
for.\n * @returns {boolean} Returns `true` if `value` is found, else `false`.\n */\nfunction setCacheHas(value) {\n
return this.__data__.has(value);\n}\n\nmodule.exports = setCacheHas;\n", "/* Used for built-in method references.
*/\nvar funcProto = Function.prototype;\n\n/** Used to resolve the decompiled source of functions. */\nvar
funcToString = funcProto.toString;\n\n/**\n * Converts `func` to its source code.\n * @private\n * @param
{Function} func The function to convert.\n * @returns {string} Returns the source code.\n */\nfunction
toSource(func) {\n  if (func != null) {\n    try {\n      return funcToString.call(func);\n    } catch (e) {} \n
    try {\n      return (func + '');\n    } catch (e) {} \n    return '';\n  }\n\n  module.exports = toSource;\n}, "var
redefine = require('./_redefine');\n\nmodule.exports = function (target, src, safe) {\n  for (var key in src)
redefine(target, key, src[key], safe);\n  return target;\n};\n", "var arrayMap = require('./_arrayMap'),\n  baseIteratee =
require('./_baseIteratee'),\n  baseMap = require('./_baseMap'),\n  isArray = require('./isArray');\n\n/**\n * Creates
an array of values by running each element in `collection` thru `iteratee`. The iteratee is invoked with three
arguments:\n * (value, index|key, collection).\n * Many lodash methods are guarded to work as iteratees for
methods like `_.every`, `_.filter`, `_.map`, `_.mapValues`, `_.reject`, and `_.some`.\n * The guarded methods
are: `_.ary`, `_.chunk`, `_.curry`, `_.curryRight`, `_.drop`, `_.dropRight`, `_.every`, `_.fill`, `_.invert`,
`_.parseInt`, `_.random`, `_.range`, `_.rangeRight`, `_.repeat`, `_.sampleSize`, `_.slice`, `_.some`, `_.sortBy`,
`_.split`, `_.take`, `_.takeRight`, `_.template`, `_.trim`, `_.trimEnd`, `_.trimStart`, and `_.words`.\n *
@static\n * @memberOf _\n * @since 0.1.0\n * @category
Collection\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function}
[iteratee=_.identity] The function invoked per iteration.\n * @returns {Array} Returns the new mapped array.\n *
@example\n * _\n * function square(n) {\n *   return n * n;\n * }\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n *
_.map([4, 8], square);\n * // => [16, 64]\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n *
_.map({ 'a': 4, 'b': 8 }, square);\n * // => [16, 64] (iteration order is not guaranteed)\n * _\n * _\n * _\n *
var users = [\n *   { 'user': 'barney' },\n *   { 'user': 'fred' } ];\n * _\n * _\n * _\n * _\n * _\n * _\n *
// The `_.property` iteratee shorthand.\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n * _\n *
// => ['barney', 'fred']\n */\nfunction map(collection, iteratee) {\n  var func = isArray(collection) ? arrayMap :
baseMap;\n  return func(collection, baseIteratee(iteratee, 3));\n}\n\nmodule.exports = map;\n", "import mod from '\n-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&"; export default mod; export * from '\n-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&";\n\n/* Copyright Joyent, Inc. and other Node contributors.\n\nPermission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:\n\nThe above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.\n\nTHE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR

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resolves . and .. elements in a path array with directory names there must be no slashes, empty elements, or device names (c:\) in the array (so also no leading and trailing slashes - it does not distinguish relative and absolute paths)

```

function normalizeArray(parts, allowAboveRoot) {
  // if the path tries to go above the root, `up` ends up > 0
  var up = 0;
  for (var i = parts.length - 1; i >= 0; i--) {
    var last = parts[i];
    if (last === '.') {
      parts.splice(i, 1);
    } else if (last === '..') {
      parts.splice(i, 1);
      up++;
    } else if (up) {
      parts.splice(i, 1);
      up--;
    }
  }
  // if the path is allowed to go above the root, restore leading ..
  if (allowAboveRoot) {
    for (; up--; up) {
      parts.unshift('.');
    }
  }
  return parts;
}

// Split a filename into [root, dir, basename, ext], unix version
// 'root' is just a slash, or nothing.
var splitPathRe =
  /^(\/?|)([\s\S]*?)((?:\.{1,2}|[^\/]+?|)(\.[^\s]*))?$/;
var splitPath = function(filename) {
  return splitPathRe.exec(filename).slice(1);
};

// path.resolve([from ...], to) posix version
exports.resolve = function() {
  var resolvedPath = "",
      resolvedAbsolute = false;
  for (var i = arguments.length - 1; i >= -1 && !resolvedAbsolute; i--) {
    var path = (i >= 0) ? arguments[i] : process.cwd();
    // Skip empty and invalid entries
    if (typeof path !== 'string') {
      throw new TypeError('Arguments to path.resolve must be strings');
    } else if (!path) {
      continue;
    }
    resolvedPath = path + '/' + resolvedPath;
    resolvedAbsolute = path.charAt(0) === '/';
  }
  // At this point the path should be resolved to a full absolute path, but
  // handle relative paths to be safe (might happen when process.cwd() fails)
  // Normalize the path
  resolvedPath = normalizeArray(filter(resolvedPath.split('/'), function(p) {
    return !!p;
  }), !resolvedAbsolute).join('/');
  return ((resolvedAbsolute ? '/' : "") + resolvedPath) || '.';
};

// path.normalize(path) posix version
exports.normalize = function(path) {
  var isAbsolute = exports.isAbsolute(path),
      trailingSlash = substr(path, -1) === '/';
  // Normalize the path
  path = normalizeArray(filter(path.split('/'), function(p) {
    return !!p;
  }), !isAbsolute).join('/');
  if (!path && !isAbsolute) {
    path = '.';
  }
  if (path && trailingSlash) {
    path += '/';
  }
  return (isAbsolute ? '/' : "") + path;
};

// posix version
exports.isAbsolute = function(path) {
  return path.charAt(0) === '/';
};

// posix version
exports.join = function() {
  var paths = Array.prototype.slice.call(arguments, 0);
  return exports.normalize(filter(paths, function(p, index) {
    if (typeof p !== 'string') {
      throw new TypeError('Arguments to path.join must be strings');
    }
    return p;
  })).join('/');
};

// path.relative(from, to) posix version
exports.relative = function(from, to) {
  from = exports.resolve(from).substr(1);
  to = exports.resolve(to).substr(1);
  function trim(arr) {
    var start = 0;
    for (; start < arr.length; start++) {
      if (arr[start] !== "") break;
    }
    var end = arr.length - 1;
    for (; end >= 0; end--) {
      if (arr[end] !== "") break;
    }
    if (start > end) return [];
    return arr.slice(start, end - start + 1);
  }
  var fromParts = trim(from.split('/'));
  var toParts = trim(to.split('/'));
  var length = Math.min(fromParts.length, toParts.length);
  var samePartsLength = length;
  for (var i = 0; i < length; i++) {
    if (fromParts[i] !== toParts[i]) {
      samePartsLength = i;
      break;
    }
  }
  var outputParts = [];
  for (var i = samePartsLength; i < fromParts.length; i++) {
    outputParts.push('..');
  }
  outputParts = outputParts.concat(toParts.slice(samePartsLength));
  return outputParts.join('/');
};

exports.sep = '/';
exports.delimiter = ':';
exports.dirname = function(path) {
  var result = splitPath(path),
      root = result[0],
      dir = result[1];
  if (!root && !dir) {
    // No dirname whatsoever
    return '.';
  }
  if (dir) {
    // It has a dirname, strip trailing slash
    dir = dir.substr(0, dir.length - 1);
  }
  return root + dir;
};
exports.basename = function(path, ext) {
  var f = splitPath(path)[2];
  // TODO: make this comparison case-insensitive on windows?
  if (ext && f.substr(-1 * ext.length) === ext) {
    f = f.substr(0, f.length - ext.length);
  }
  return f;
};
exports.extname = function(path) {
  return splitPath(path)[3];
};

function filter(xs, f) {
  if (xs.filter) return xs.filter(f);
  var res = [];
  for (var i = 0; i < xs.length; i++) {
    if (f(xs[i], i, xs)) res.push(xs[i]);
  }
  return res;
}

// String.prototype.substr - negative index don't work in IE8
var substr = 'ab'.substr(-1) === 'b'
  ? function(str, start, len) {
    return str.substr(start, len);
  }
  : function(str, start, len) {
    if (start < 0) start = str.length + start;
    return

```

```
str.substr(start, len);
    }
    // IE 8- don't enum bug keys
module.exports = (
    constructor,hasOwnProperty,isPrototypeOf,propertyIsEnumerable,toLocaleString,toString,valueOf).split(',');
var hashClear = require('./_hashClear'),
    hashDelete = require('./_hashDelete'),
    hashGet =
require('./_hashGet'),
    hashHas = require('./_hashHas'),
    hashSet = require('./_hashSet');
    /**
 * Creates a
 hash object.
    * @private
    * @constructor
    * @param {Array} [entries] The key-value pairs to cache.
    * \function Hash(entries) {
    *   var index = -1,
    *       length = entries == null ? 0 : entries.length;
    *   while (++index < length) {
    *     var entry = entries[index];
    *     this.set(entry[0], entry[1]);
    *   }
    *   // Add methods
 to `Hash`.
    *   Hash.prototype.clear = hashClear;
    *   Hash.prototype['delete'] = hashDelete;
    *   Hash.prototype.get =
 hashGet;
    *   Hash.prototype.has = hashHas;
    *   Hash.prototype.set = hashSet;
    *   module.exports = Hash;
    * }
    * var
 castPath = require('./_castPath'),
    isArguments = require('./isArguments'),
    isArray = require('./isArray'),
    isIndex = require('./_isIndex'),
    isLength = require('./_isLength'),
    toKey = require('./_toKey');
    /**
 *
 Checks if `path` exists on `object`.
    * @private
    * @param {Object} object The object to query.
    * @param
 {Array|string} path The path to check.
    * @param {Function} hasFunc The function to check properties.
    * @returns {boolean} Returns `true` if `path` exists, else `false`.
    * \function hasPath(object, path, hasFunc) {
    *   path = castPath(path, object);
    *   var index = -1,
    *       length = path.length,
    *       result = false;
    *   while (++index
 < length) {
    *     var key = toKey(path[index]);
    *     if (!(result = object != null && hasFunc(object, key)))
 break;
    *   }
    *   object = object[key];
    *   if (result || ++index != length)
 return result;
    *   length = object
 == null ? 0 : object.length;
    *   return !!length && isLength(length) && isIndex(key, length) &&
 (isArray(object)
 || isArguments(object));
    * }
    * module.exports = hasPath;
    * var isArray = require('./isArray'),
    *     isKey =
require('./_isKey'),
    *     stringToPath = require('./_stringToPath'),
    *     toString = require('./toString');
    /**
 * Casts
 `value` to a path array if it's not one.
    * @private
    * @param {*} value The value to inspect.
    * @param
 {Object} [object] The object to query keys on.
    * @returns {Array} Returns the cast property path array.
    * \function castPath(value, object) {
    *   if (isArray(value))
 return value;
    *   return isKey(value, object) ?
 [value] : stringToPath(toString(value));
    * }
    * module.exports = castPath;
    * var MapCache =
require('./_MapCache');
    /**
 * Error message constants.
    * \nvar FUNC_ERROR_TEXT = 'Expected a
 function';
    /**
 * Creates a function that memoizes the result of `func`. If `resolver` is
 * provided, it determines
 the cache key for storing the result based on the
 * arguments provided to the memoized function. By default, the
 first argument
 * provided to the memoized function is used as the map cache key. The
 `func` is invoked
 with the
 * binding of the memoized function.
    * **Note:** The cache is exposed as the `cache` property on the
 memoized
 * function. Its creation may be customized by replacing the
 `_.memoize.Cache`
 * constructor with one whose instances implement the
 `Map` (http://ecma-international.org/ecma-262/7.0/#sec-properties-of-the-
 map-prototype-object)
 * method interface of `clear`, `delete`, `get`, `has`, and `set`.
    * @static
    * @memberOf _
    * @since 0.1.0
    * @category Function
    * @param {Function} func The function to have its
 output memoized.
    * @param {Function} [resolver] The function to resolve the cache key.
    * @returns
 {Function} Returns the new memoized function.
    * @example
    * var object = { 'a': 1, 'b': 2 };
    * var other =
 { 'c': 3, 'd': 4 };
    * var values = _memoize(_.values);
    * values(object);
    * // => [1, 2]
    * values(other);
    * // => [3, 4]
    * object.a = 2;
    * values(object);
    * // => [1, 2]
    * // Modify the result cache.
    * values.cache.set(object, ['a', 'b']);
    * values(object);
    * // => ['a', 'b']
    * // Replace `_.memoize.Cache`.
    * _memoize.Cache = WeakMap;
    * \function memoize(func, resolver) {
    *   if (typeof func != 'function' || (resolver
 != null && typeof resolver != 'function'))
 throw new TypeError(FUNC_ERROR_TEXT);
    *   var
 memoized = function() {
    *     var args = arguments,
    *         key = resolver ? resolver.apply(this, args) : args[0],
    *         cache = memoized.cache;
    *     if (cache.has(key))
 return cache.get(key);
    *     var result =
 func.apply(this, args);
    *     memoized.cache = cache.set(key, result) || cache;
    *     return result;
    *   };
    *   memoized.cache = new (memoize.Cache || MapCache);
    *   return memoized;
    * }
    * // Expose
 `MapCache`.
    * _memoize.Cache = MapCache;
    * module.exports = memoize;
    * "use
 strict";
    * Object.defineProperty(exports, '__esModule', { value: true });
    * \nvar prefix = 'fas';
    * \nvar iconName =
'times';
    * \nvar width = 352;
    * \nvar height = 512;
    * \nvar ligatures = [];
    * \nvar unicode = 'f00d';
    * \nvar svgPathData =
'M242.72 256.1100.07-100.07c12.28-12.28 12.28-32.19 0-44.48l-22.24-22.24c-12.28-12.28-32.19-12.28-44.48
```



```

0L176 189.28 75.93 89.21c-12.28-12.28-32.19-12.28-44.48 0L9.21 111.45c-12.28 12.28-12.28 32.19 0
44.48L109.28 256 9.21 356.07c-12.28 12.28-12.28 32.19 0 44.48L22.24 22.24c12.28 12.28 32.2 12.28 44.48 0L176
322.721100.07 100.07c12.28 12.28 32.2 12.28 44.48 0L22.24-22.24c12.28-12.28 12.28-32.19 0-44.48L242.72
256z';\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  ]};\n\nexports.faTimes = exports.definition;\n\nexports.prefix =
prefix;\n\nexports.iconName = iconName;\n\nexports.width = width;\n\nexports.height = height;\n\nexports.ligatures =
ligatures;\n\nexports.unicode = unicode;\n\nexports.svgPathData = svgPathData;","var baseGet =
require('./_baseGet');\n\n/**\n * A specialized version of `baseProperty` which supports deep paths.\n *
 * @private\n * @param {Array|string} path The path of the property to get.\n * @returns {Function} Returns the new
accessor function.\n *\nfunction basePropertyDeep(path) {\n  return function(object) {\n    return baseGet(object,
path);\n  };\n}\n\nmodule.exports = basePropertyDeep;\n","use strict";\n\n// eslint-disable-next-line no-empty-
function\nmodule.exports = function () {};\n","/** Used for built-in method references. */\nvar objectProto =
Object.prototype;\n\n/**\n * Checks if `value` is likely a prototype object.\n *
 * @private\n * @param {*} value
The value to check.\n * @returns {boolean} Returns `true` if `value` is a prototype, else `false`.\n *\nfunction
isPrototype(value) {\n  var Ctor = value && value.constructor,\n      proto = (typeof Ctor === 'function' &&
Ctor.prototype) || objectProto;\n  return value === proto;\n}\n\nmodule.exports = isPrototype;\n","// 7.3.20
SpeciesConstructor(O, defaultConstructor)\n\nvar anObject = require('./_an-object');\nvar aFunction = require('./_a-
function');\nvar SPECIES = require('./_wks')('species');\n\nmodule.exports = function (O, D) {\n  var C =
anObject(O).constructor;\n  var S;\n  return C === undefined || (S = anObject(C)[SPECIES]) === undefined ? D :
aFunction(S);\n};\n","var arrayLikeKeys = require('./_arrayLikeKeys'),\n    baseKeys = require('./_baseKeys'),\n
isArrayLike = require('./isArrayLike');\n\n/**\n * Creates an array of the own enumerable property names of
`object`.\n *
 * **Note:** Non-object values are coerced to objects. See the
[ES spec](http://ecma-
international.org/ecma-262/7.0/#sec-object.keys)
for more details.\n *
 * @static\n * @since 0.1.0\n *
 * @memberOf _\n * @category Object\n * @param {Object} object The object to query.\n * @returns {Array}
Returns the array of property names.\n *
 * @example\n *\nfunction Foo() {\n  this.a = 1;\n  this.b = 2;\n }\n\n * Foo.prototype.c = 3;\n *\n_.keys(new Foo);\n * // => ['a', 'b'] (iteration order is not guaranteed)\n *\n_.keys('hi');\n * // => ['0', '1']\n *\nfunction keys(object) {\n  return isArrayLike(object) ? arrayLikeKeys(object) :
baseKeys(object);\n}\n\nmodule.exports = keys;\n","use strict";\n\nmodule.exports = function () {\n  ttry
{\n    tObject.keys("primitive");\n  }\n  treturn true;\n  t} catch (e) {\n    treturn false;\n  t};\n};\n","/**\n * Converts
`map` to its key-value pairs.\n *
 * @private\n * @param {Object} map The map to convert.\n * @returns {Array}
Returns the key-value pairs.\n *\nfunction mapToArray(map) {\n  var index = -1,\n      result = Array(map.size);\n  map.forEach(function(value, key) {\n    result[++index] = [key, value];\n  });\n  return result;\n}\n\nmodule.exports
= mapToArray;\n","use strict";\n\nObject.defineProperty(exports, '__esModule', { value: true });\n\nvar prefix =
'fas';\nvar iconName = 'code';\nvar width = 640;\nvar height = 512;\nvar ligatures = [];\nvar unicode = 'f121';\nvar
svgPathData = 'M278.9 511.5l-61-17.7c-6.4-1.8-10-8.5-8.2-14.9L346.2 8.7c1.8-6.4 8.5-10 14.9-8.2l61 17.7c6.4 1.8
10 8.5 8.2 14.9L293.8 503.3c-1.9 6.4-8.5 10.1-14.9 8.2zm-114-112.2l43.5-46.4c4.6-4.9 4.3-12.7-.8-17.2L117
256l90.6-79.7c5.1-4.5 5.5-12.3.8-17.2l-43.5-46.4c-4.5-4.8-12.1-5.1-17-.5L3.8 247.2c-5.1 4.7-5.1 12.8 0 17.5l144.1
135.1c4.9 4.6 12.5 4.4 17-.5zm327.2 61l44.1-135.1c5.1-4.7 5.1-12.8 0-17.5L492.1 112.1c-4.8-4.5-12.4-4.3-17
.5L431.6 159c-4.6 4.9-4.3 12.7.8 17.2L523 256l-90.6 79.7c-5.1 4.5-5.5 12.3-.8 17.2l43.5 46.4c4.5 4.9 12.1 5.1 17
.6z';\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n    width,\n    height,\n
    ligatures,\n    unicode,\n    svgPathData\n  ]};\n\nexports.faCode = exports.definition;\n\nexports.prefix =
prefix;\n\nexports.iconName = iconName;\n\nexports.width = width;\n\nexports.height = height;\n\nexports.ligatures =
ligatures;\n\nexports.unicode = unicode;\n\nexports.svgPathData = svgPathData;","/**\n * The base implementation of
`_.property` without support for deep paths.\n *
 * @private\n * @param {string} key The key of the property to
get.\n * @returns {Function} Returns the new accessor function.\n *\nfunction baseProperty(key) {\n  return
function(object) {\n    return object == null ? undefined : object[key];\n  };\n}\n\nmodule.exports =
baseProperty;\n","var ListCache = require('./_ListCache');\n\n/**\n * Removes all key-value entries from the
stack.\n *
 * @private\n * @name clear\n * @memberOf Stack\n *\nfunction stackClear() {\n  this.__data__ =

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new ListCache;\n this.size = 0;\n}\n\nmodule.exports = stackClear;\n", "/*!\n * @fileOverview Kickass library to
create and place poppers near their reference elements.\n * @version 1.14.5\n * @license\n * Copyright (c) 2016
Federico Zivolo and contributors\n * \n * Permission is hereby granted, free of charge, to any person obtaining a
copy\n * of this software and associated documentation files (the \"Software\"), to deal\n * in the Software without
restriction, including without limitation the rights\n * to use, copy, modify, merge, publish, distribute, sublicense,
and/or sell\n * copies of the Software, and to permit persons to whom the Software is\n * furnished to do so, subject
to the following conditions:\n * \n * The above copyright notice and this permission notice shall be included in all\n
* copies or substantial portions of the Software.\n * \n * THE SOFTWARE IS PROVIDED \"AS IS\", WITHOUT
WARRANTY OF ANY KIND, EXPRESS OR\n * IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES OF MERCHANTABILITY,\n * FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE\n * AUTHORS OR COPYRIGHT HOLDERS BE LIABLE
FOR ANY CLAIM, DAMAGES OR OTHER\n * LIABILITY, WHETHER IN AN ACTION OF CONTRACT,
TORT OR OTHERWISE, ARISING FROM,\n * OUT OF OR IN CONNECTION WITH THE SOFTWARE OR
THE USE OR OTHER DEALINGS IN THE\n * SOFTWARE.\n */\n\nvar isBrowser = typeof window !==
'undefined' && typeof document !== 'undefined';\n\nvar longerTimeoutBrowsers = ['Edge', 'Trident', 'Firefox'];\n\nvar
timeoutDuration = 0;\n\nfor (var i = 0; i < longerTimeoutBrowsers.length; i += 1) {\n  if (isBrowser &&
navigator.userAgent.indexOf(longerTimeoutBrowsers[i]) >= 0) {\n    timeoutDuration = 1;\n    break;\n  }\n}\n\nfunction microtaskDebounce(fn) {\n  var called = false;\n  return function () {\n    if (called) {\n      return;\n    }\n    called = true;\n    window.Promise.resolve().then(function () {\n      called = false;\n      fn();\n    });\n  };\n}\n\nfunction taskDebounce(fn) {\n  var scheduled = false;\n  return function () {\n    if (!scheduled) {\n      scheduled = true;\n      setTimeout(function () {\n        scheduled = false;\n        fn();\n      }, timeoutDuration);\n    }\n  };\n}\n\nvar supportsMicroTasks = isBrowser && window.Promise;\n\n/**\n * Create a debounced version of a
method, that's asynchronously deferred\n * but called in the minimum time possible.\n */\n\n@method\n * @memberof Popper.Utils\n * @argument {Function} fn\n * @returns {Function}\n */\n\nvar debounce =
supportsMicroTasks ? microtaskDebounce : taskDebounce;\n\n/**\n * Check if the given variable is a function\n */\n\n@method\n * @memberof Popper.Utils\n * @argument {Any} functionToCheck - variable to check\n * @returns
{Boolean} answer to: is a function?\n */\n\nfunction isFunction(functionToCheck) {\n  var getType = {};\n  return
functionToCheck && getType.toString.call(functionToCheck) === '[object Function]';\n}\n\n/**\n * Get CSS
computed property of the given element\n */\n\n@method\n * @memberof Popper.Utils\n * @argument {Element}
element\n * @argument {String} property\n */\n\nfunction getStyleComputedProperty(element, property) {\n  if
(element.nodeType !== 1) {\n    return [];\n  }\n  // NOTE: 1 DOM access here\n  var window =
element.ownerDocument.defaultView;\n  var css = window.getComputedStyle(element, null);\n  return property ?
css[property] : css;\n}\n\n/**\n * Returns the parentNode or the host of the element\n */\n\n@method\n * @memberof
Popper.Utils\n * @argument {Element} element\n * @returns {Element} parent\n */\n\nfunction
getParentNode(element) {\n  if (element.nodeName === 'HTML') {\n    return element;\n  }\n  return
element.parentNode || element.host;\n}\n\n/**\n * Returns the scrolling parent of the given element\n */\n\n@method\n
* @memberof Popper.Utils\n * @argument {Element} element\n * @returns {Element} scroll parent\n */\n\nfunction
getScrollParent(element) {\n  // Return body, `getScroll` will take care to get the correct `scrollTop` from it\n  if
(!element) {\n    return document.body;\n  }\n  switch (element.nodeName) {\n    case 'HTML':\n    case
'BODY':\n      return element.ownerDocument.body;\n    case '#document':\n      return element.body;\n  }\n  //
Firefox want us to check `~x` and `~y` variations as well\n\n  var _getStyleComputedProp =
getStyleComputedProperty(element);\n  overflow = _getStyleComputedProp.overflow,\n  overflowX =
_getStyleComputedProp.overflowX,\n  overflowY = _getStyleComputedProp.overflowY;\n  if
(/(auto|scroll|overlay)/.test(overflow + overflowY + overflowX)) {\n    return element;\n  }\n  return
getScrollParent(getParentNode(element));\n}\n\nvar isIE11 = isBrowser && !(window.MSInputMethodContext
&& document.documentMode);\n\nvar isIE10 = isBrowser && /MSIE 10/.test(navigator.userAgent);\n\n/**\n *
Determines if the browser is Internet Explorer\n */\n\n@method\n * @memberof Popper.Utils\n * @param {Number}
version to check\n * @returns {Boolean} isIE\n */\n\nfunction isIE(version) {\n  if (version === 11) {\n    return

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isIE11;\n }\n if (version === 10) {\n   return isIE10;\n }\n return isIE11 || isIE10;\n}\n\n/**\n * Returns the offset parent of the given element\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element\n * @returns {Element} offset parent\n */\nfunction getOffsetParent(element) {\n  if (!element) {\n    return document.documentElement;\n  }\n\n  var noOffsetParent = isIE(10) ? document.body : null;\n\n  // NOTE: 1 DOM access here\n  var offsetParent = element.offsetParent || null;\n  // Skip hidden elements which don't have an offsetParent\n  while (offsetParent === noOffsetParent && element.nextElementSibling) {\n    offsetParent = (element = element.nextElementSibling).offsetParent;\n  }\n\n  var nodeName = offsetParent && offsetParent.nodeName;\n\n  if (!nodeName || nodeName === 'BODY' || nodeName === 'HTML') {\n    return element ? element.ownerDocument.documentElement : document.documentElement;\n  }\n\n  // .offsetParent will return the closest TH, TD or TABLE in case\n  // no offsetParent is present, I hate this job...\n  if (['TH', 'TD', 'TABLE'].indexOf(offsetParent.nodeName) !== -1 && getStyleComputedProperty(offsetParent, 'position') === 'static') {\n    return getOffsetParent(offsetParent);\n  }\n\n  return offsetParent;\n}\n\nfunction isOffsetContainer(element) {\n  var nodeName = element.nodeName;\n\n  if (nodeName === 'BODY') {\n    return false;\n  }\n  return nodeName === 'HTML' || getOffsetParent(element.firstElementChild) === element;\n}\n\n/**\n * Finds the root node (document, shadowDOM root) of the given element\n * @method\n * @memberof Popper.Utils\n * @argument {Element} node\n * @returns {Element} root node\n */\nfunction getRoot(node) {\n  if (node.parentNode !== null) {\n    return getRoot(node.parentNode);\n  }\n\n  return node;\n}\n\n/**\n * Finds the offset parent common to the two provided nodes\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element1\n * @argument {Element} element2\n * @returns {Element} common offset parent\n */\nfunction findCommonOffsetParent(element1, element2) {\n  // This check is needed to avoid errors in case one of the elements isn't defined for any reason\n  if (!element1 || !element1.nodeType || !element2 || !element2.nodeType) {\n    return document.documentElement;\n  }\n\n  // Here we make sure to give as "start" the element that comes first in the DOM\n  var order = element1.compareDocumentPosition(element2) & Node.DOCUMENT_POSITION_FOLLOWING;\n  var start = order ? element1 : element2;\n  var end = order ? element2 : element1;\n\n  // Get common ancestor container\n  var range = document.createRange();\n  range.setStart(start, 0);\n  range.setEnd(end, 0);\n  var commonAncestorContainer = range.commonAncestorContainer;\n\n  // Both nodes are inside #document\n  if (element1 !== commonAncestorContainer && element2 !== commonAncestorContainer || start.contains(end)) {\n    if (isOffsetContainer(commonAncestorContainer)) {\n      return commonAncestorContainer;\n    }\n\n    return getOffsetParent(commonAncestorContainer);\n  }\n\n  // one of the nodes is inside shadowDOM, find which one\n  var element1root = getRoot(element1);\n  if (element1root.host) {\n    return findCommonOffsetParent(element1root.host, element2);\n  } else {\n    return findCommonOffsetParent(element1, getRoot(element2).host);\n  }\n}\n\n/**\n * Gets the scroll value of the given element in the given side (top and left)\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element\n * @argument {String} side `top` or `left`\n * @returns {number} amount of scrolled pixels\n */\nfunction getScroll(element) {\n  var side = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : 'top';\n  var upperSide = side === 'top' ? 'scrollTop' : 'scrollLeft';\n  var nodeName = element.nodeName;\n\n  if (nodeName === 'BODY' || nodeName === 'HTML') {\n    var html = element.ownerDocument.documentElement;\n    var scrollingElement = element.ownerDocument.scrollingElement || html;\n    return scrollingElement[upperSide];\n  }\n\n  return element[upperSide];\n}\n\n/**\n * Sum or subtract the element scroll values (left and top) from a given rect object\n * @method\n * @memberof Popper.Utils\n * @param {Object} rect - Rect object you want to change\n * @param {HTMLElement} element - The element from the function reads the scroll values\n * @param {Boolean} subtract - set to true if you want to subtract the scroll values\n * @return {Object} rect - The modifier rect object\n */\nfunction includeScroll(rect, element) {\n  var subtract = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : false;\n\n  var scrollTop = getScroll(element, 'top');\n  var scrollLeft = getScroll(element, 'left');\n  var modifier = subtract ? -1 : 1;\n  rect.top += scrollTop * modifier;\n  rect.bottom += scrollTop * modifier;\n  rect.left += scrollLeft * modifier;\n  rect.right += scrollLeft * modifier;\n  return rect;\n}\n\n/**\n * Helper to detect borders of a given element\n * @method\n * @memberof Popper.Utils\n * @param {CSSStyleDeclaration} styles\n
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* Result of `getStyleComputedProperty` on the given element\n
* @param {String} axis - `x` or `y`\n
* @return
{number} borders - The borders size of the given axis\n
*\n\nfunction getBordersSize(styles, axis) {\n
var sideA =
axis === 'x' ? 'Left' : 'Top';\n
var sideB = sideA === 'Left' ? 'Right' : 'Bottom';\n\n
return parseFloat(styles['border'
+ sideA + 'Width'], 10) + parseFloat(styles['border' + sideB + 'Width'], 10);\n\n\nfunction getSize(axis, body, html,
computedStyle) {\n
return Math.max(body['offset' + axis], body['scroll' + axis], html['client' + axis], html['offset' +
axis], html['scroll' + axis], isIE(10) ? parseInt(html['offset' + axis]) + parseInt(computedStyle['margin' + (axis ===
'Height' ? 'Top' : 'Left')]) + parseInt(computedStyle['margin' + (axis === 'Height' ? 'Bottom' : 'Right')]) :
0);\n\n\nfunction getWindowSizes(document) {\n
var body = document.body;\n
var html =
document.documentElement;\n
var computedStyle = isIE(10) && getComputedStyle(html);\n\n
return {\n
height: getSize('Height', body, html, computedStyle),\n
width: getSize('Width', body, html, computedStyle)\n
};\n\n\nvar classCallCheck = function (instance, Constructor) {\n
if (!(instance instanceof Constructor)) {\n
throw new TypeError("Cannot call a class as a function");\n
}}\n\n\nvar createClass = function () {\n
function
defineProperties(target, props) {\n
for (var i = 0; i < props.length; i++) {\n
var descriptor = props[i];\n
descriptor.enumerable = descriptor.enumerable || false;\n
descriptor.configurable = true;\n
if (!"value" in
descriptor) descriptor.writable = true;\n
Object.defineProperty(target, descriptor.key, descriptor);\n
}}\n\n\nreturn function (Constructor, protoProps, staticProps) {\n
if (protoProps) defineProperties(Constructor.prototype,
protoProps);\n
if (staticProps) defineProperties(Constructor, staticProps);\n
return Constructor;\n
};\n\n\n\n\n\n\nvar defineProperty = function (obj, key, value) {\n
if (key in obj) {\n
Object.defineProperty(obj, key, {\n
value: value,\n
enumerable: true,\n
configurable: true,\n
writable:
true\n
});\n
} else {\n
obj[key] = value;\n
}\n\n
return obj;\n
};\n\n\nvar _extends = Object.assign || function
(target) {\n
for (var i = 1; i < arguments.length; i++) {\n
var source = arguments[i];\n\n
for (var key in source)
{\n
if (Object.prototype.hasOwnProperty.call(source, key)) {\n
target[key] = source[key];\n
}\n
}\n\n
return target;\n
};\n\n\n**\n
* Given element offsets, generate an output similar to getBoundingClientRect\n
* @method\n
* @memberof Popper.Utils\n
* @argument {Object} offsets\n
* @returns {Object} ClientRect like
output\n
*\n\nfunction getClientRect(offsets) {\n
return _extends({}, offsets, {\n
right: offsets.left +
offsets.width,\n
bottom: offsets.top + offsets.height\n
});\n\n\n**\n
* Get bounding client rect of given
element\n
* @method\n
* @memberof Popper.Utils\n
* @param {HTMLElement} element\n
* @return {Object}
client rect\n
*\n\nfunction getBoundingClientRect(element) {\n
var rect = {};\n\n
// IE10 10 FIX: Please, don't ask,
the element isn't\n
// considered in DOM in some circumstances...\n
// This isn't reproducible in IE10 compatibility
mode of IE11\n
try {\n
if (isIE(10)) {\n
rect = element.getBoundingClientRect();\n
var scrollTop =
getScroll(element, 'top');\n
var scrollLeft = getScroll(element, 'left');\n
rect.top += scrollTop;\n
rect.left +=
scrollLeft;\n
rect.bottom += scrollTop;\n
rect.right += scrollLeft;\n
} else {\n
rect =
element.getBoundingClientRect();\n
}\n
} catch (e) {};\n\n
var result = {\n
left: rect.left,\n
top: rect.top,\n
width: rect.right - rect.left,\n
height: rect.bottom - rect.top\n
};\n\n
// subtract scrollbar size from sizes\n
var sizes
= element.nodeName === 'HTML' ? getWindowSizes(element.ownerDocument) : {};\n
var width = sizes.width ||
element.clientWidth || result.right - result.left;\n
var height = sizes.height || element.clientHeight || result.bottom -
result.top;\n\n
var horizScrollbar = element.offsetWidth - width;\n
var vertScrollbar = element.offsetHeight -
height;\n\n
// if an hypothetical scrollbar is detected, we must be sure it's not a `border`\n
// we make this check
conditional for performance reasons\n
if (horizScrollbar || vertScrollbar) {\n
var styles =
getStyleComputedProperty(element);\n
horizScrollbar -= getBordersSize(styles, 'x');\n
vertScrollbar -=
getBordersSize(styles, 'y');\n\n
result.width -= horizScrollbar;\n
result.height -= vertScrollbar;\n
}\n\n
return
getClientRect(result);\n\n\nfunction getOffsetRectRelativeToArbitraryNode(children, parent) {\n
var fixedPosition
= arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : false;\n\n
var isIE10 = isIE(10);\n
var isHTML = parent.nodeName === 'HTML';\n
var childrenRect = getBoundingClientRect(children);\n
var
parentRect = getBoundingClientRect(parent);\n
var scrollParent = getScrollParent(children);\n\n
var styles =
getStyleComputedProperty(parent);\n
var borderTopWidth = parseFloat(styles.borderTopWidth, 10);\n
var
borderLeftWidth = parseFloat(styles.borderLeftWidth, 10);\n\n
// In cases where the parent is fixed, we must ignore
negative scroll in offset calc\n
if (fixedPosition && isHTML) {\n
parentRect.top = Math.max(parentRect.top,

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0);\n  parentRect.left = Math.max(parentRect.left, 0);\n }\n var offsets = getClientRect({\n  top: childrenRect.top
- parentRect.top - borderTopWidth,\n  left: childrenRect.left - parentRect.left - borderLeftWidth,\n  width:
childrenRect.width,\n  height: childrenRect.height\n });\n offsets.marginTop = 0;\n offsets.marginLeft = 0;\n\n //
Subtract margins of documentElement in case it's being used as parent\n // we do this only on HTML because it's
the only element that behaves\n // differently when margins are applied to it. The margins are included in\n // the
box of the documentElement, in the other cases not.\n if (!isIE10 && isHTML) {\n  var marginTop =
parseFloat(styles.marginTop, 10);\n  var marginLeft = parseFloat(styles.marginLeft, 10);\n\n  offsets.top -=
borderTopWidth - marginTop;\n  offsets.bottom -= borderTopWidth - marginTop;\n  offsets.left -=
borderLeftWidth - marginLeft;\n  offsets.right -= borderLeftWidth - marginLeft;\n\n  // Attach marginTop and
marginLeft because in some circumstances we may need them\n  offsets.marginTop = marginTop;\n
offsets.marginLeft = marginLeft;\n }\n\n if (isIE10 && !fixedPosition ? parent.contains(scrollParent) : parent ===
scrollParent && scrollParent.nodeName !== 'BODY') {\n  offsets = includeScroll(offsets, parent);\n }\n\n return
offsets;\n}\n\nfunction getViewPortOffsetRectRelativeToArbitraryNode(element) {\n  var excludeScroll =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : false;\n  var html =
element.ownerDocument.documentElement;\n  var relativeOffset =
getOffsetRectRelativeToArbitraryNode(element, html);\n  var width = Math.max(html.clientWidth,
window.innerWidth || 0);\n  var height = Math.max(html.clientHeight, window.innerHeight || 0);\n  var scrollTop
= !excludeScroll ? getScroll(html) : 0;\n  var scrollLeft = !excludeScroll ? getScroll(html, 'left') : 0;\n  var offset =
{\n  top: scrollTop - relativeOffset.top + relativeOffset.marginTop,\n  left: scrollLeft - relativeOffset.left +
relativeOffset.marginLeft,\n  width: width,\n  height: height\n };}\n\n return getClientRect(offset);\n}\n\n/**\n *
Check if the given element is fixed or is inside a fixed parent\n * @method\n * @memberof Popper.Utils\n *
@argument {Element} element\n * @argument {Element} customContainer\n * @returns {Boolean} answer to
'isFixed?'\n *\nfunction isFixed(element) {\n  var nodeName = element.nodeName;\n  if (nodeName ===
'BODY' || nodeName === 'HTML') {\n    return false;\n  }\n  if (getStyleComputedProperty(element, 'position') ===
'fixed') {\n    return true;\n  }\n  return isFixed(getParentNode(element));}\n\n/**\n * Finds the first parent of an
element that has a transformed property defined\n * @method\n * @memberof Popper.Utils\n * @argument
{Element} element\n * @returns {Element} first transformed parent or documentElement\n *\nfunction
getFixedPositionOffsetParent(element) {\n  // This check is needed to avoid errors in case one of the elements isn't
defined for any reason\n  if (!element || !element.parentElement || isIE()) {\n    return document.documentElement;\n
}\n  var el = element.parentElement;\n  while (el && getStyleComputedProperty(el, 'transform') === 'none') {\n    el
= el.parentElement;\n  }\n  return el || document.documentElement;\n}\n\n/**\n * Computed the boundaries limits
and return them\n * @method\n * @memberof Popper.Utils\n * @param {HTMLElement} popper\n * @param
{HTMLElement} reference\n * @param {number} padding\n * @param {HTMLElement} boundariesElement -
Element used to define the boundaries\n * @param {Boolean} fixedPosition - Is in fixed position mode\n *
@returns {Object} Coordinates of the boundaries\n *\nfunction getBoundaries(popper, reference, padding,
boundariesElement) {\n  var fixedPosition = arguments.length > 4 && arguments[4] !== undefined ? arguments[4] :
false;\n\n  // NOTE: 1 DOM access here\n  var boundaries = { top: 0, left: 0 };\n  var offsetParent = fixedPosition ?
getFixedPositionOffsetParent(popper) : findCommonOffsetParent(popper, reference);\n\n  // Handle viewport case\n
if (boundariesElement === 'viewport') {\n    boundaries =
getViewPortOffsetRectRelativeToArbitraryNode(offsetParent, fixedPosition);\n  } else {\n    // Handle other cases
based on DOM element used as boundaries\n    var boundariesNode = void 0;\n    if (boundariesElement ===
'scrollParent') {\n      boundariesNode = getScrollParent(getParentNode(reference));\n    } if
(boundariesNode.nodeName === 'BODY') {\n      boundariesNode = popper.ownerDocument.documentElement;\n    }
}\n  } else if (boundariesElement === 'window') {\n    boundariesNode =
popper.ownerDocument.documentElement;\n  } else {\n    boundariesNode = boundariesElement;\n  }\n\n  var
offsets = getOffsetRectRelativeToArbitraryNode(boundariesNode, offsetParent, fixedPosition);\n\n  // In case of
HTML, we need a different computation\n  if (boundariesNode.nodeName === 'HTML' &&
!isFixed(offsetParent)) {\n    var _getWindowSizes = getWindowSizes(popper.ownerDocument),\n        height =

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_getWindowSizes.height;\n      width = _getWindowSizes.width;\n\n      boundaries.top += offsets.top -
offsets.marginTop;\n      boundaries.bottom = height + offsets.top;\n      boundaries.left += offsets.left -
offsets.marginLeft;\n      boundaries.right = width + offsets.left;\n    } else {\n      // for all the other DOM elements,
this one is good\n      boundaries = offsets;\n    }\n  }\n\n  // Add paddings\n  padding = padding || 0;\n  var
isPaddingNumber = typeof padding === 'number';\n  boundaries.left += isPaddingNumber ? padding : padding.left ||
0;\n  boundaries.top += isPaddingNumber ? padding : padding.top || 0;\n  boundaries.right -= isPaddingNumber ?
padding : padding.right || 0;\n  boundaries.bottom -= isPaddingNumber ? padding : padding.bottom || 0;\n\n  return
boundaries;\n}\n\nfunction getArea(_ref) {\n  var width = _ref.width,\n      height = _ref.height;\n\n  return width *
height;\n}\n\n/**\n * Utility used to transform the `auto` placement to the placement with more\n * available
space.\n * @method\n * @memberof Popper.Utils\n * @argument {Object} data - The data object generated by
update method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object} The
data object, properly modified\n */\nfunction computeAutoPlacement(placement, refRect, popper, reference,
boundariesElement) {\n  var padding = arguments.length > 5 && arguments[5] !== undefined ? arguments[5] :
0;\n\n  if (placement.indexOf('auto') === -1) {\n    return placement;\n  }\n\n  var boundaries =
getBoundaries(popper, reference, padding, boundariesElement);\n\n  var rects = {\n    top: {\n      width:
boundaries.width,\n      height: refRect.top - boundaries.top\n    },\n    right: {\n      width: boundaries.right -
refRect.right,\n      height: boundaries.height\n    },\n    bottom: {\n      width: boundaries.width,\n      height:
boundaries.bottom - refRect.bottom\n    },\n    left: {\n      width: refRect.left - boundaries.left,\n      height:
boundaries.height\n    }\n  };\n\n  var sortedAreas = Object.keys(rects).map(function (key) {\n    return _extends({\n
key: key\n  }, rects[key], {\n    area: getArea(rects[key])\n  });\n}).sort(function (a, b) {\n  return b.area -
a.area;\n});\n\n  var filteredAreas = sortedAreas.filter(function (_ref2) {\n    var width = _ref2.width,\n        height
= _ref2.height;\n    return width >= popper.clientWidth && height >= popper.clientHeight;\n  });\n\n  var
computedPlacement = filteredAreas.length > 0 ? filteredAreas[0].key : sortedAreas[0].key;\n\n  var variation =
placement.split('-')[1];\n\n  return computedPlacement + (variation ? '-' + variation : '');\n}\n\n/**\n * Get offsets to
the reference element\n * @method\n * @memberof Popper.Utils\n * @param {Object} state\n * @param
{Element} popper - the popper element\n * @param {Element} reference - the reference element (the popper will be
relative to this)\n * @param {Element} fixedPosition - is in fixed position mode\n * @returns {Object} An object
containing the offsets which will be applied to the popper\n */\nfunction getReferenceOffsets(state, popper,
reference) {\n  var fixedPosition = arguments.length > 3 && arguments[3] !== undefined ? arguments[3] : null;\n\n  var
commonOffsetParent = fixedPosition ? getFixedPositionOffsetParent(popper) :
findCommonOffsetParent(popper, reference);\n  return getOffsetRectRelativeToArbitraryNode(reference,
commonOffsetParent, fixedPosition);\n}\n\n/**\n * Get the outer sizes of the given element (offset size + margins)\n
* @method\n * @memberof Popper.Utils\n * @argument {Element} element\n * @returns {Object} object
containing width and height properties\n */\nfunction getOuterSizes(element) {\n  var window =
element.ownerDocument.defaultView;\n  var styles = window.getComputedStyle(element);\n  var x =
parseFloat(styles.marginTop) + parseFloat(styles.marginBottom);\n  var y = parseFloat(styles.marginLeft) +
parseFloat(styles.marginRight);\n  var result = {\n    width: element.offsetWidth + y,\n    height:
element.offsetHeight + x\n  };\n  return result;\n}\n\n/**\n * Get the opposite placement of the given one\n
* @method\n * @memberof Popper.Utils\n * @argument {String} placement\n * @returns {String} flipped
placement\n */\nfunction getOppositePlacement(placement) {\n  var hash = { left: 'right', right: 'left', bottom: 'top',
top: 'bottom' };\n  return placement.replace(/left|right|bottom|top/g, function (matched) {\n    return hash[matched];\n
});\n}\n\n/**\n * Get offsets to the popper\n * @method\n * @memberof Popper.Utils\n * @param {Object}
position - CSS position the Popper will get applied\n * @param {HTMLElement} popper - the popper element\n *
@param {Object} referenceOffsets - the reference offsets (the popper will be relative to this)\n * @param {String}
placement - one of the valid placement options\n * @returns {Object} popperOffsets - An object containing the
offsets which will be applied to the popper\n */\nfunction getPopperOffsets(popper, referenceOffsets, placement)
{\n  placement = placement.split('-')[0];\n\n  // Get popper node sizes\n  var popperRect =
getOuterSizes(popper);\n\n  // Add position, width and height to our offsets object\n  var popperOffsets = {\n

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width: popperRect.width,\n  height: popperRect.height\n };\n\n // depending by the popper placement we have to
compute its offsets slightly differently\n var isHoriz = ['right', 'left'].indexOf(placement) !== -1;\n var mainSide =
isHoriz ? 'top' : 'left';\n var secondarySide = isHoriz ? 'left' : 'top';\n var measurement = isHoriz ? 'height' : 'width';\n
var secondaryMeasurement = !isHoriz ? 'height' : 'width';\n\n popperOffsets[mainSide] =
referenceOffsets[mainSide] + referenceOffsets[measurement] / 2 - popperRect[measurement] / 2;\n if (placement
=== secondarySide) {\n  popperOffsets[secondarySide] = referenceOffsets[secondarySide] -
popperRect[secondaryMeasurement];\n } else {\n  popperOffsets[secondarySide] =
referenceOffsets[getOppositePlacement(secondarySide)];\n }\n\n return popperOffsets;\n}\n\n/**\n * Mimics the
`find` method of Array\n * @method\n * @memberof Popper.Utils\n * @argument {Array} arr\n * @argument
prop\n * @argument value\n * @returns index or -1\n */\nfunction find(arr, check) {\n // use native find if
supported\n if (Array.prototype.find) {\n  return arr.find(check);\n }\n\n // use `filter` to obtain the same behavior
of `find`\n return arr.filter(check)[0];\n}\n\n/**\n * Return the index of the matching object\n * @method\n *
@memberof Popper.Utils\n * @argument {Array} arr\n * @argument prop\n * @argument value\n * @returns
index or -1\n */\nfunction findIndex(arr, prop, value) {\n // use native findIndex if supported\n if
(Array.prototype.findIndex) {\n  return arr.findIndex(function (cur) {\n    return cur[prop] === value;\n  });\n
}\n\n // use `find` + `indexOf` if `findIndex` isn't supported\n var match = find(arr, function (obj) {\n  return
obj[prop] === value;\n });\n return arr.indexOf(match);\n}\n\n/**\n * Loop trough the list of modifiers and run
them in order,\n * each of them will then edit the data object.\n * @method\n * @memberof Popper.Utils\n *
@param {dataObject} data\n * @param {Array} modifiers\n * @param {String} ends - Optional modifier name
used as stopper\n * @returns {dataObject}\n */\nfunction runModifiers(modifiers, data, ends) {\n var
modifiersToRun = ends === undefined ? modifiers : modifiers.slice(0, findIndex(modifiers, 'name', ends));\n
modifiersToRun.forEach(function (modifier) {\n  if (modifier['function']) {\n    // eslint-disable-line dot-notation\n
console.warn("`modifier.function` is deprecated, use `modifier.fn`!");\n  }\n  var fn = modifier['function'] ||
modifier.fn;\n // eslint-disable-line dot-notation\n  if (modifier.enabled && isFunction(fn)) {\n    // Add properties
to offsets to make them a complete clientRect object\n    // we do this before each modifier to make sure the
previous one doesn't\n    // mess with these values\n    data.offsets.popper = getClientRect(data.offsets.popper);\n
    data.offsets.reference = getClientRect(data.offsets.reference);\n    data = fn(data, modifier);\n  }\n });\n
return data;\n}\n\n/**\n * Updates the position of the popper, computing the new offsets and applying\n * the new
style.<br />\n * Prefer `scheduleUpdate` over `update` because of performance reasons.\n * @method\n *
@memberof Popper\n */\nfunction update() {\n // if popper is destroyed, don't perform any further update\n if
(this.state.isDestroyed) {\n  return;\n }\n\n var data = {\n  instance: this,\n  styles: {},\n  arrowStyles: {},\n
attributes: {},\n  flipped: false,\n  offsets: {}\n };\n\n // compute reference element offsets\n
data.offsets.reference = getReferenceOffsets(this.state, this.popper, this.reference, this.options.positionFixed);\n\n //
compute auto placement, store placement inside the data object,\n // modifiers will be able to edit `placement` if
needed\n // and refer to originalPlacement to know the original value\n data.placement =
computeAutoPlacement(this.options.placement, data.offsets.reference, this.popper, this.reference,
this.options.modifiers.flip.boundariesElement, this.options.modifiers.flip.padding);\n\n // store the computed
placement inside `originalPlacement`\n data.originalPlacement = data.placement;\n\n data.positionFixed =
this.options.positionFixed;\n\n // compute the popper offsets\n data.offsets.popper = getPopperOffsets(this.popper,
data.offsets.reference, data.placement);\n\n data.offsets.popper.position = this.options.positionFixed ? 'fixed' :
'absolute';\n\n // run the modifiers\n data = runModifiers(this.modifiers, data);\n\n // the first `update` will call
`onCreate` callback\n // the other ones will call `onUpdate` callback\n if (!this.state.isCreated) {\n
this.state.isCreated = true;\n  this.options.onCreate(data);\n } else {\n  this.options.onUpdate(data);\n
}\n}\n\n/**\n * Helper used to know if the given modifier is enabled.\n * @method\n * @memberof Popper.Utils\n *
@returns {Boolean}\n */\nfunction isModifierEnabled(modifiers, modifierName) {\n return
modifiers.some(function (_ref) {\n  var name = _ref.name,\n      enabled = _ref.enabled;\n  return enabled &&
name === modifierName;\n });\n}\n\n/**\n * Get the prefixed supported property name\n * @method\n *
@memberof Popper.Utils\n * @argument {String} property (camelCase)\n * @returns {String} prefixed property

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(camelCase or PascalCase, depending on the vendor prefix)\n *^\nfunction getSupportedPropertyName(property) {\n
var prefixes = [false, 'ms', 'Webkit', 'Moz', 'O'];\n var upperProp = property.charAt(0).toUpperCase() +
property.slice(1);\n\n for (var i = 0; i < prefixes.length; i++) {\n var prefix = prefixes[i];\n var toCheck = prefix
? " + prefix + upperProp : property;\n if (typeof document.body.style[toCheck] !== 'undefined') {\n return
toCheck;\n } }\n return null;\n}\n\n/**\n * Destroys the popper.\n * @method\n * @memberof Popper\n
*^\nfunction destroy() {\n this.state.isDestroyed = true;\n\n // touch DOM only if `applyStyle` modifier is enabled\n
if (isModifierEnabled(this.modifiers, 'applyStyle')) {\n this.popper.removeAttribute('x-placement');\n
this.popper.style.position = "";\n this.popper.style.top = "";\n this.popper.style.left = "";\n this.popper.style.right =
"";\n this.popper.style.bottom = "";\n this.popper.style.willChange = "";\n
this.popper.style[getSupportedPropertyName('transform')] = "";\n }\n\n this.disableEventListeners();\n\n // remove
the popper if user explicitly asked for the deletion on destroy\n // do not use `remove` because IE11 doesn't support
it\n if (this.options.removeOnDestroy) {\n this.popper.parentNode.removeChild(this.popper);\n }\n return
this;\n}\n\n/**\n * Get the window associated with the element\n * @argument {Element} element\n * @returns
{Window}\n *^\nfunction getWindow(element) {\n var ownerDocument = element.ownerDocument;\n return
ownerDocument ? ownerDocument.defaultView : window;\n}\n\nfunction attachToScrollParents(scrollParent,
event, callback, scrollParents) {\n var isBody = scrollParent.nodeName === 'BODY';\n var target = isBody ?
scrollParent.ownerDocument.defaultView : scrollParent;\n target.addEventListener(event, callback, { passive: true
});\n\n if (!isBody) {\n attachToScrollParents(getScrollParent(target.parentNode), event, callback,
scrollParents);\n }\n scrollParents.push(target);\n}\n\n/**\n * Setup needed event listeners used to update the
popper position\n * @method\n * @memberof Popper.Utils\n * @private\n *^\nfunction
setupEventListeners(reference, options, state, updateBound) {\n // Resize event listener on window\n
state.updateBound = updateBound;\n getWindow(reference).addEventListener('resize', state.updateBound, {
passive: true });\n\n // Scroll event listener on scroll parents\n var scrollElement = getScrollParent(reference);\n
attachToScrollParents(scrollElement, 'scroll', state.updateBound, state.scrollParents);\n state.scrollElement =
scrollElement;\n state.eventsEnabled = true;\n\n return state;\n}\n\n/**\n * It will add resize/scroll events and start
recalculating\n * position of the popper element when they are triggered.\n * @method\n * @memberof Popper\n
*^\nfunction enableEventListeners() {\n if (!this.state.eventsEnabled) {\n this.state =
setupEventListeners(this.reference, this.options, this.state, this.scheduleUpdate);\n }\n}\n\n/**\n * Remove event
listeners used to update the popper position\n * @method\n * @memberof Popper.Utils\n * @private\n *^\nfunction
removeEventListeners(reference, state) {\n // Remove resize event listener on window\n
getWindow(reference).removeEventListener('resize', state.updateBound);\n\n // Remove scroll event listener on
scroll parents\n state.scrollParents.forEach(function (target) {\n target.removeEventListener('scroll',
state.updateBound);\n });\n\n // Reset state\n state.updateBound = null;\n state.scrollParents = [];\n
state.scrollElement = null;\n state.eventsEnabled = false;\n return state;\n}\n\n/**\n * It will remove resize/scroll
events and won't recalculate popper position\n * when they are triggered. It also won't trigger `onUpdate` callback
anymore,\n * unless you call `update` method manually.\n * @method\n * @memberof Popper\n *^\nfunction
disableEventListeners() {\n if (this.state.eventsEnabled) {\n cancelAnimationFrame(this.scheduleUpdate);\n
this.state = removeEventListeners(this.reference, this.state);\n }\n}\n\n/**\n * Tells if a given input is a number\n
* @method\n * @memberof Popper.Utils\n * @param {*} input to check\n * @return {Boolean}\n *^\nfunction
isNumeric(n) {\n return n !== "" && !isNaN(parseFloat(n)) && isFinite(n);\n}\n\n/**\n * Set the style to the given
popper\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element - Element to apply the style
to\n * @argument {Object} styles\n * Object with a list of properties and values which will be applied to the
element\n *^\nfunction setStyles(element, styles) {\n Object.keys(styles).forEach(function (prop) {\n var unit =
"";\n // add unit if the value is numeric and is one of the following\n if (['width', 'height', 'top', 'right', 'bottom',
'left'].indexOf(prop) !== -1 && isNumeric(styles[prop])) {\n unit = 'px';\n }\n element.style[prop] =
styles[prop] + unit;\n });\n}\n\n/**\n * Set the attributes to the given popper\n * @method\n * @memberof
Popper.Utils\n * @argument {Element} element - Element to apply the attributes to\n * @argument {Object}
styles\n * Object with a list of properties and values which will be applied to the element\n *^\nfunction

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setAttributes(element, attributes) {\n  Object.keys(attributes).forEach(function (prop) {\n    var value =
attributes[prop];\n    if (value !== false) {\n      element.setAttribute(prop, attributes[prop]);\n    } else {\n
element.removeAttribute(prop);\n    }\n  });\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument
{Object} data - The data object generated by `update` method\n * @argument {Object} data.styles - List of style
properties - values to apply to popper element\n * @argument {Object} data.attributes - List of attribute properties -
values to apply to popper element\n * @argument {Object} options - Modifiers configuration and options\n *
@returns {Object} The same data object\n */\nfunction applyStyle(data) {\n  // any property present in `data.styles`\n
will be applied to the popper,\n  // in this way we can make the 3rd party modifiers add custom styles to it\n  // Be
aware, modifiers could override the properties defined in the previous\n  // lines of this modifier!\n
setStyles(data.instance.popper, data.styles);\n\n  // any property present in `data.attributes` will be applied to the
popper,\n  // they will be set as HTML attributes of the element\n  setAttributes(data.instance.popper,
data.attributes);\n\n  // if arrowElement is defined and arrowStyles has some properties\n  if (data.arrowElement &&
Object.keys(data.arrowStyles).length) {\n    setStyles(data.arrowElement, data.arrowStyles);\n  }\n\n  return
data;\n}\n\n/**\n * Set the x-placement attribute before everything else because it could be used\n * to add margins
to the popper margins needs to be calculated to get the\n * correct popper offsets.\n * @method\n * @memberof
Popper.modifiers\n * @param {HTMLElement} reference - The reference element used to position the popper\n *
@param {HTMLElement} popper - The HTML element used as popper\n * @param {Object} options - Popper.js
options\n */\nfunction applyStyleOnLoad(reference, popper, options, modifierOptions, state) {\n  // compute
reference element offsets\n  var referenceOffsets = getReferenceOffsets(state, popper, reference,
options.positionFixed);\n\n  // compute auto placement, store placement inside the data object,\n  // modifiers will be
able to edit `placement` if needed\n  // and refer to originalPlacement to know the original value\n  var placement =
computeAutoPlacement(options.placement, referenceOffsets, popper, reference,
options.modifiers.flip.boundariesElement, options.modifiers.flip.padding);\n\n  popper.setAttribute('x-placement',
placement);\n\n  // Apply `position` to popper before anything else because\n  // without the position applied we
can't guarantee correct computations\n  setStyles(popper, { position: options.positionFixed ? 'fixed' : 'absolute'
});\n\n  return options;\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument {Object} data - The data
object generated by `update` method\n * @argument {Object} options - Modifiers configuration and options\n *
@returns {Object} The data object, properly modified\n */\nfunction computeStyle(data, options) {\n  var x =
options.x,\n      y = options.y;\n  var popper = data.offsets.popper;\n\n  // Remove this legacy support in Popper.js
v2\n  var legacyGpuAccelerationOption = find(data.instance.modifiers, function (modifier) {\n    return
modifier.name === 'applyStyle';\n  }).gpuAcceleration;\n  if (legacyGpuAccelerationOption !== undefined) {\n
console.warn('WARNING: `gpuAcceleration` option moved to `computeStyle` modifier and will not be supported
in future versions of Popper.js!');\n  }\n  var gpuAcceleration = legacyGpuAccelerationOption !== undefined ?
legacyGpuAccelerationOption : options.gpuAcceleration;\n\n  var offsetParent =
getOffsetParent(data.instance.popper);\n  var offsetParentRect = getBoundingClientRect(offsetParent);\n\n  //
Styles\n  var styles = {\n    position: popper.position\n  }; \n\n  // Avoid blurry text by using full pixel integers.\n  //
For pixel-perfect positioning, top/bottom prefers rounded\n  // values, while left/right prefers floored values.\n  var
offsets = {\n    left: Math.floor/popper.left),\n    top: Math.round/popper.top),\n    bottom:
Math.round/popper.bottom),\n    right: Math.floor/popper.right)\n  }; \n\n  var sideA = x === 'bottom' ? 'top' :
'bottom';\n  var sideB = y === 'right' ? 'left' : 'right';\n\n  // if gpuAcceleration is set to `true` and transform is
supported,\n  // we use `translate3d` to apply the position to the popper we\n  // automatically use the supported
prefixed version if needed\n  var prefixedProperty = getSupportedPropertyName('transform');\n\n  // now, let's make
a step back and look at this code closely (wtf?)\n  // If the content of the popper grows once it's been positioned, it\n
// may happen that the popper gets misplaced because of the new content\n  // overflowing its reference element\n  //
To avoid this problem, we provide two options (x and y), which allow\n  // the consumer to define the offset
origin.\n  // If we position a popper on top of a reference element, we can set\n  // `x` to `top` to make the popper
grow towards its top instead of\n  // its bottom.\n  var left = void 0,\n      top = void 0;\n  if (sideA === 'bottom') {\n
// when offsetParent is <html> the positioning is relative to the bottom of the screen (excluding the scrollbar)\n  //

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and not the bottom of the html element\n  if (offsetParent.nodeName === 'HTML') {\n    top = -
offsetParent.clientHeight + offsets.bottom;\n  } else {\n    top = -offsetParentRect.height + offsets.bottom;\n  }\n
} else {\n  top = offsets.top;\n }\n if (sideB === 'right') {\n  if (offsetParent.nodeName === 'HTML') {\n    left
= -offsetParent.clientWidth + offsets.right;\n  } else {\n    left = -offsetParentRect.width + offsets.right;\n  }\n
} else {\n  left = offsets.left;\n }\n if (gpuAcceleration && prefixedProperty) {\n  styles[prefixedProperty] =
'translate3d(' + left + 'px, ' + top + 'px, 0);'\n  styles[sideA] = 0;\n  styles[sideB] = 0;\n  styles.willChange =
'transform';\n } else {\n  // otherwise, we use the standard `top`, `left`, `bottom` and `right` properties\n  var
invertTop = sideA === 'bottom' ? -1 : 1;\n  var invertLeft = sideB === 'right' ? -1 : 1;\n  styles[sideA] = top *
invertTop;\n  styles[sideB] = left * invertLeft;\n  styles.willChange = sideA + ', ' + sideB;\n }\n\n // Attributes\n
var attributes = {\n  'x-placement': data.placement\n };;\n\n // Update `data` attributes, styles and arrowStyles\n
data.attributes = _extends({}, attributes, data.attributes);\n  data.styles = _extends({}, styles, data.styles);\n
data.arrowStyles = _extends({}, data.offsets.arrow, data.arrowStyles);\n\n return data;\n }\n\n/**\n * Helper used to
know if the given modifier depends from another one.<br />\n * It checks if the needed modifier is listed and
enabled.\n * @method\n * @memberof Popper.Utils\n * @param {Array} modifiers - list of modifiers\n * @param
{String} requestingName - name of requesting modifier\n * @param {String} requestedName - name of requested
modifier\n * @returns {Boolean}\n */\nfunction isModifierRequired(modifiers, requestingName, requestedName)
{\n  var requesting = find(modifiers, function (_ref) {\n    var name = _ref.name;\n    return name ===
requestingName;\n  });\n  var isRequired = !!requesting && modifiers.some(function (modifier) {\n    return
modifier.name === requestedName && modifier.enabled && modifier.order < requesting.order;\n  });\n  if
(!isRequired) {\n    var _requesting = '`' + requestingName + '`';\n    var requested = '`' + requestedName +
`';\n    console.warn(requested + ' modifier is required by ' + _requesting + ' modifier in order to work, be sure to include it
before ' + _requesting + '!');\n  }\n  return isRequired;\n }\n\n/**\n * @function\n * @memberof Modifiers\n *
@argument {Object} data - The data object generated by update method\n * @argument {Object} options -
Modifiers configuration and options\n * @returns {Object} The data object, properly modified\n */\nfunction
arrow(data, options) {\n  var _data$offsets$arrow;\n\n  // arrow depends on keepTogether in order to work\n  if
(!isModifierRequired(data.instance.modifiers, 'arrow', 'keepTogether')) {\n    return data;\n  }\n\n  var arrowElement
= options.element;\n\n  // if arrowElement is a string, suppose it's a CSS selector\n  if (typeof arrowElement ===
'string') {\n    arrowElement = data.instance.popper.querySelector(arrowElement);\n\n    // if arrowElement is not
found, don't run the modifier\n    if (!arrowElement) {\n      return data;\n    }\n  } else {\n    // if the arrowElement
isn't a query selector we must check that the\n    // provided DOM node is child of its popper node\n    if
(!data.instance.popper.contains(arrowElement)) {\n      console.warn('WARNING: `arrow.element` must be child of
its popper element!');\n      return data;\n    }\n  }\n\n  var placement = data.placement.split('-')[0];\n  var
_data$offsets = data.offsets,\n    popper = _data$offsets.popper,\n    reference = _data$offsets.reference;\n\n  var
isVertical = ['left', 'right'].indexOf(placement) !== -1;\n  var len = isVertical ? 'height' : 'width';\n  var
sideCapitalized = isVertical ? 'Top' : 'Left';\n  var side = sideCapitalized.toLowerCase();\n  var altSide = isVertical ?
'left' : 'top';\n  var opSide = isVertical ? 'bottom' : 'right';\n  var arrowElementSize =
getOuterSizes(arrowElement)[len];\n\n  //\n  // extends keepTogether behavior making sure the popper and its\n  //
reference have enough pixels in conjunction\n  //\n  // top/left side\n  if (reference[opSide] - arrowElementSize <
popper[side]) {\n    data.offsets.popper[side] -= popper[side] - (reference[opSide] - arrowElementSize);\n  }\n  //
bottom/right side\n  if (reference[side] + arrowElementSize > popper[opSide]) {\n    data.offsets.popper[side] +=
reference[side] + arrowElementSize - popper[opSide];\n  }\n  data.offsets.popper =
getClientRect(data.offsets.popper);\n\n  // compute center of the popper\n  var center = reference[side] +
reference[len] / 2 - arrowElementSize / 2;\n\n  // Compute the sideValue using the updated popper offsets\n  // take
popper margin in account because we don't have this info available\n  var css =
getStyleComputedProperty(data.instance.popper);\n  var popperMarginSide = parseFloat(css['margin' +
sideCapitalized], 10);\n  var popperBorderSide = parseFloat(css['border' + sideCapitalized + 'Width'], 10);\n  var
sideValue = center - data.offsets.popper[side] - popperMarginSide - popperBorderSide;\n\n  // prevent arrowElement
from being placed not contiguously to its popper\n  sideValue = Math.max(Math.min(popper[len] -

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arrowElementSize, sideValue), 0);
data.arrowElement = arrowElement;
data.offsets.arrow =
  (_data$offsets$arrow = {}, defineProperty(_data$offsets$arrow, side, Math.round(sideValue)),
  defineProperty(_data$offsets$arrow, altSide, ''), _data$offsets$arrow);
return data;
}

/**
 * Get the opposite placement variation of the given one
 * @method
 * @memberof Popper.Utils
 * @argument {String} placement variation
 * @returns {String} flipped placement variation
 */
function getOppositeVariation(variation) {
  if (variation === 'end') {
    return 'start';
  } else if (variation === 'start') {
    return 'end';
  }
  return variation;
}

/**
 * List of accepted placements to use as values of the `placement` option.
 * Valid placements are:
 * - `auto`
 * - `top`
 * - `right`
 * - `bottom`
 * - `left`
 * Each placement can have a variation from this list:
 * - `start`
 * - `end`
 * Variations are interpreted easily if you think of them as the left to right written languages.
 * Horizontally (`top` and `bottom`), `start` is left and `end` is right.
 * Vertically (`left` and `right`), `start` is top and `end` is bottom.
 * Some valid examples are:
 * - `top-end` (on top of reference, right aligned)
 * - `right-start` (on right of reference, top aligned)
 * - `bottom` (on bottom, centered)
 * - `auto-end` (on the side with more space available, alignment depends by placement)
 * @static
 * @type {Array}
 * @enum {String}
 * @readonly
 * @method placements
 * @memberof Popper
 */
var placements = ['auto-start', 'auto', 'auto-end', 'top-start', 'top', 'top-end', 'right-start', 'right', 'right-end', 'bottom-end', 'bottom', 'bottom-start', 'left-end', 'left', 'left-start'];

// Get rid of `auto` `auto-start` and `auto-end`
var validPlacements = placements.slice(3);

/**
 * Given an initial placement, returns all the subsequent placements clockwise (or counter-clockwise).
 * @method
 * @memberof Popper.Utils
 * @argument {String} placement - A valid placement (it accepts variations)
 * @argument {Boolean} counter - Set to true to walk the placements counterclockwise
 * @returns {Array} placements including their variations
 */
function clockwise(placement) {
  var counter = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : false;
  var index = validPlacements.indexOf(placement);
  var arr = validPlacements.slice(index + 1).concat(validPlacements.slice(0, index));
  return counter ? arr.reverse() : arr;
}

var BEHAVIORS = {
  FLIP: 'flip',
  CLOCKWISE: 'clockwise',
  COUNTERCLOCKWISE: 'counterclockwise'
};

/**
 * @function
 * @memberof Modifiers
 * @argument {Object} data - The data object generated by update method
 * @argument {Object} options - Modifiers configuration and options
 * @returns {Object} The data object, properly modified
 */
function flip(data, options) {
  // if `inner` modifier is enabled, we can't use the `flip` modifier
  if (isModifierEnabled(data.instance.modifiers, 'inner')) {
    return data;
  }

  if (data.flipped && data.placement === data.originalPlacement) {
    // seems like flip is trying to loop, probably there's not enough space on any of the flippable sides
    return data;
  }

  var boundaries = getBoundaries(data.instance.popper, data.instance.reference, options.padding, options.boundariesElement, data.positionFixed);

  var placement = data.placement.split('-')[0];
  var placementOpposite = getOppositePlacement(placement);
  var variation = data.placement.split('-')[1] || '';

  var flipOrder = [];

  switch (options.behavior) {
    case BEHAVIORS.FLIP:
      flipOrder = [placement, placementOpposite];
      break;
    case BEHAVIORS.CLOCKWISE:
      flipOrder = clockwise(placement);
      break;
    case BEHAVIORS.COUNTERCLOCKWISE:
      flipOrder = clockwise(placement, true);
      break;
    default:
      flipOrder = options.behavior;
  }

  flipOrder.forEach(function(step, index) {
    if (placement !== step || flipOrder.length === index + 1) {
      return data;
    }

    placement = data.placement.split('-')[0];
    placementOpposite = getOppositePlacement(placement);
    var popperOffsets = data.offsets.popper;
    var refOffsets = data.offsets.reference;

    // using floor because the reference offsets may contain decimals we are not going to consider here
    var floor = Math.floor;
    var overlapsRef = placement === 'left' && floor(popperOffsets.right) > floor(refOffsets.left) || placement === 'right' && floor(popperOffsets.left) < floor(refOffsets.right) || placement === 'top' && floor(popperOffsets.bottom) > floor(refOffsets.top) || placement === 'bottom' && floor(popperOffsets.top) < floor(refOffsets.bottom);
    var overflowsLeft = floor(popperOffsets.left) < floor(boundaries.left);
    var overflowsRight = floor(popperOffsets.right) > floor(boundaries.right);
    var overflowsTop = floor(popperOffsets.top) < floor(boundaries.top);
    var overflowsBottom = floor(popperOffsets.bottom) > floor(boundaries.bottom);
    var overflowsBoundaries = placement === 'left' && overflowsLeft || placement === 'right' && overflowsRight || placement === 'top' &&

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overflowsTop || placement === 'bottom' && overflowsBottom);\n\n // flip the variation if required\n var
isVertical = ['top', 'bottom'].indexOf(placement) !== -1;\n var flippedVariation = !options.flipVariations &&
(isVertical && variation === 'start' && overflowsLeft || isVertical && variation === 'end' && overflowsRight ||
!isVertical && variation === 'start' && overflowsTop || !isVertical && variation === 'end' &&
overflowsBottom);\n\n if (overlapsRef || overflowsBoundaries || flippedVariation) {\n // this boolean to detect
any flip loop\n data.flipped = true;\n\n if (overlapsRef || overflowsBoundaries) {\n placement =
flipOrder[index + 1];\n }\n\n if (flippedVariation) {\n variation = getOppositeVariation(variation);\n
}\n\n data.placement = placement + (variation ? '-' + variation : '');\n\n // this object contains `position`, we
want to preserve it along with\n // any additional property we may add in the future\n data.offsets.popper =
_extends({}, data.offsets.popper, getPopperOffsets(data.instance.popper, data.offsets.reference,
data.placement));\n\n data = runModifiers(data.instance.modifiers, data, 'flip');\n\n }\n\n return
data;\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated
by update method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object}
The data object, properly modified\n */\nfunction keepTogether(data) {\n var _data$offsets = data.offsets,\n
popper = _data$offsets.popper,\n reference = _data$offsets.reference;\n\n var placement = data.placement.split('-')
[0];\n var floor = Math.floor;\n var isVertical = ['top', 'bottom'].indexOf(placement) !== -1;\n var side =
isVertical ? 'right' : 'bottom';\n var opSide = isVertical ? 'left' : 'top';\n var measurement = isVertical ? 'width' :
'height';\n\n if (popper[side] < floor(reference[opSide])) {\n data.offsets.popper[opSide] =
floor(reference[opSide]) - popper[measurement];\n }\n\n if (popper[opSide] > floor(reference[side])) {\n
data.offsets.popper[opSide] = floor(reference[side]);\n }\n\n return data;\n}\n\n/**\n * Converts a string containing
value + unit into a px value number\n * @function\n * @memberof {modifiers~offset}\n * @private\n *
@argument {String} str - Value + unit string\n * @argument {String} measurement - `height` or `width`\n *
@argument {Object} popperOffsets\n * @argument {Object} referenceOffsets\n * @returns {Number|String}\n *
Value in pixels, or original string if no values were extracted\n */\nfunction toValue(str, measurement,
popperOffsets, referenceOffsets) {\n // separate value from unit\n var split = str.match(/((?:\|-
|\\+)?\\d*\\.?(\\d*)\\.?(.*)?)/);\n var value = +split[1];\n var unit = split[2];\n\n // If it's not a number it's an operator, I
guess\n if (!value) {\n return str;\n }\n\n if (unit.indexOf('%') === 0) {\n var element = void 0;\n switch
(unit) {\n case '%p':\n element = popperOffsets;\n break;\n case '%':\n case '%r':\n default:\n
element = referenceOffsets;\n }\n\n var rect = getClientRect(element);\n return rect[measurement] / 100 *
value;\n } else if (unit === 'vh' || unit === 'vw') {\n // if is a vh or vw, we calculate the size based on the
viewport\n var size = void 0;\n if (unit === 'vh') {\n size =
Math.max(document.documentElement.clientHeight, window.innerHeight || 0);\n } else {\n size =
Math.max(document.documentElement.clientWidth, window.innerWidth || 0);\n }\n return size / 100 * value;\n
}\n\n // if is an explicit pixel unit, we get rid of the unit and keep the value\n // if is an implicit unit, it's px,
and we return just the value\n return value;\n }\n}\n\n/**\n * Parse an `offset` string to extrapolate `x` and `y`
numeric offsets.\n * @function\n * @memberof {modifiers~offset}\n * @private\n * @argument {String} offset\n *
@argument {Object} popperOffsets\n * @argument {Object} referenceOffsets\n * @argument {String}
basePlacement\n * @returns {Array} a two cells array with x and y offsets in numbers\n */\nfunction
parseOffset(offset, popperOffsets, referenceOffsets, basePlacement) {\n var offsets = [0, 0];\n\n // Use height if
placement is left or right and index is 0 otherwise use width\n // in this way the first offset will use an axis and the
second one\n // will use the other one\n var useHeight = ['right', 'left'].indexOf(basePlacement) !== -1;\n\n // Split
the offset string to obtain a list of values and operands\n // The regex addresses values with the plus or minus sign
in front (+10, -20, etc)\n var fragments = offset.split(/(\+|\-)/).map(function (frag) {\n return frag.trim();\n
});\n\n // Detect if the offset string contains a pair of values or a single one\n // they could be separated by comma
or space\n var divider = fragments.indexOf(find(fragments, function (frag) {\n return frag.search(/,|\s/) !== -1;\n
}));\n\n if (fragments[divider] && fragments[divider].indexOf(',') === -1) {\n console.warn('Offsets separated by
white space(s) are deprecated, use a comma (,) instead.);\n }\n\n // If divider is found, we divide the list of values
and operands to divide\n // them by offset X and Y.\n var splitRegex = /\s*,\s*/\s+;/;\n var ops = divider !== -1 ?

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[fragments.slice(0, divider).concat([fragments[divider].split(splitRegex)[0]),
[fragments[divider].split(splitRegex)[1]].concat(fragments.slice(divider + 1))] : [fragments];\n\n // Convert the
values with units to absolute pixels to allow our computations\n ops = ops.map(function (op, index) {\n\n // Most of
the units rely on the orientation of the popper\n var measurement = (index === 1 ? !useHeight : useHeight) ?
'height' : 'width';\n var mergeWithPrevious = false;\n return op\n\n // This aggregates any `+` or `-` sign that
aren't considered operators\n // e.g.: 10 + +5 => [10, +, +5]\n .reduce(function (a, b) {\n\n if (a[a.length - 1]
=== "+" && ['+', '-'].indexOf(b) !== -1) {\n\n a[a.length - 1] = b;\n mergeWithPrevious = true;\n return a;\n
} else if (mergeWithPrevious) {\n\n a[a.length - 1] += b;\n mergeWithPrevious = false;\n return a;\n
} else {\n\n return a.concat(b);\n\n }, [])\n\n // Here we convert the string values into number values (in
px)\n .map(function (str) {\n\n return toValue(str, measurement, popperOffsets, referenceOffsets);\n\n });\n
});\n\n // Loop through the offsets arrays and execute the operations\n ops.forEach(function (op, index) {\n
op.forEach(function (frag, index2) {\n\n if (isNumeric(frag)) {\n\n offsets[index] += frag * (op[index2 - 1] ===
'-' ? -1 : 1);\n\n });\n\n });\n\n return offsets;\n\n})\n\n **\n * @function\n * @memberof Modifiers\n *
@argument {Object} data - The data object generated by update method\n * @argument {Object} options -
Modifiers configuration and options\n * @argument {Number|String} options.offset=0\n * The offset value as
described in the modifier description\n * @returns {Object} The data object, properly modified\n\nfunction
offset(data, _ref) {\n\n var offset = _ref.offset;\n var placement = data.placement,\n\n _data$offsets = data.offsets,\n
popper = _data$offsets.popper,\n\n reference = _data$offsets.reference;\n\n var basePlacement =
placement.split('-')[0];\n\n var offsets = void 0;\n\n if (isNumeric(+offset)) {\n\n offsets = [+offset, 0];\n\n } else {\n\n
offsets = parseOffset(offset, popper, reference, basePlacement);\n\n }\n\n if (basePlacement === 'left') {\n
popper.top += offsets[0];\n\n popper.left -= offsets[1];\n\n } else if (basePlacement === 'right') {\n\n popper.top +=
offsets[0];\n\n popper.left += offsets[1];\n\n } else if (basePlacement === 'top') {\n\n popper.left += offsets[0];\n
popper.top -= offsets[1];\n\n } else if (basePlacement === 'bottom') {\n\n popper.left += offsets[0];\n\n popper.top +=
offsets[1];\n\n }\n\n data.popper = popper;\n\n return data;\n\n})\n\n **\n * @function\n * @memberof Modifiers\n *
@argument {Object} data - The data object generated by `update` method\n * @argument {Object} options -
Modifiers configuration and options\n * @returns {Object} The data object, properly modified\n\nfunction
preventOverflow(data, options) {\n\n var boundariesElement = options.boundariesElement ||
getOffsetParent(data.instance.popper);\n\n // If offsetParent is the reference element, we really want to\n\n // go one
step up and use the next offsetParent as reference to\n\n // avoid to make this modifier completely useless and look
like broken\n\n if (data.instance.reference === boundariesElement) {\n\n boundariesElement =
getOffsetParent(boundariesElement);\n\n }\n\n // NOTE: DOM access here\n\n // resets the popper's position so that
the document size can be calculated excluding\n\n // the size of the popper element itself\n\n var transformProp =
getSupportedPropertyName('transform');\n\n var popperStyles = data.instance.popper.style; // assignment to help
minification\n\n var top = popperStyles.top,\n\n left = popperStyles.left,\n\n transform =
popperStyles[transformProp];\n\n popperStyles.top = "";\n\n popperStyles.left = "";\n\n popperStyles[transformProp] =
"";\n\n var boundaries = getBoundaries(data.instance.popper, data.instance.reference, options.padding,
boundariesElement, data.positionFixed);\n\n // NOTE: DOM access here\n\n // restores the original style properties
after the offsets have been computed\n\n popperStyles.top = top;\n\n popperStyles.left = left;\n
popperStyles[transformProp] = transform;\n\n options.boundaries = boundaries;\n\n var order = options.priority;\n
var popper = data.offsets.popper;\n\n var check = {\n\n primary: function primary(placement) {\n\n var value =
popper[placement];\n\n if (popper[placement] < boundaries[placement] && !options.escapeWithReference) {\n\n value =
Math.max(popper[placement], boundaries[placement]);\n\n }\n\n return defineProperty({}, placement,
value);\n\n },\n\n secondary: function secondary(placement) {\n\n var mainSide = placement === 'right' ? 'left' :
'top';\n\n var value = popper[mainSide];\n\n if (popper[placement] > boundaries[placement] &&
!options.escapeWithReference) {\n\n value = Math.min(popper[mainSide], boundaries[placement] - (placement
=== 'right' ? popper.width : popper.height));\n\n }\n\n return defineProperty({}, mainSide, value);\n\n }\n\n
};\n\n order.forEach(function (placement) {\n\n var side = ['left', 'top'].indexOf(placement) !== -1 ? 'primary' :
'secondary';\n\n popper = _extends({}, popper, check[side](placement));\n\n });\n\n data.offsets.popper = popper;\n\n

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return data;\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument {Object} data - The data object
generated by `update` method\n * @argument {Object} options - Modifiers configuration and options\n * @returns
{Object} The data object, properly modified\n */\nfunction shift(data) {\n  var placement = data.placement;\n  var
basePlacement = placement.split('-')[0];\n  var shiftvariation = placement.split('-')[1];\n  // if shift shiftvariation is
specified, run the modifier\n  if (shiftvariation) {\n    var _data$offsets = data.offsets,\n        reference =
_data$offsets.reference,\n        popper = _data$offsets.popper;\n\n    var isVertical = ['bottom',
'top'].indexOf(basePlacement) !== -1;\n    var side = isVertical ? 'left' : 'top';\n    var measurement = isVertical ?
'width' : 'height';\n\n    var shiftOffsets = {\n      start: defineProperty({}, side, reference[side]),\n      end:
defineProperty({}, side, reference[side] + reference[measurement] - popper[measurement]);\n    };\n\n    data.offsets.popper = _extends({}, popper, shiftOffsets[shiftvariation]);\n  }\n  return data;\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated by update
method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object} The data
object, properly modified\n */\nfunction hide(data) {\n  if (!isModifierRequired(data.instance.modifiers, 'hide',
'preventOverflow')) {\n    return data;\n  }\n  var refRect = data.offsets.reference;\n  var bound =
find(data.instance.modifiers, function (modifier) {\n    return modifier.name === 'preventOverflow';\n
}).boundaries;\n\n  if (refRect.bottom < bound.top || refRect.left > bound.right || refRect.top > bound.bottom ||
refRect.right < bound.left) {\n    // Avoid unnecessary DOM access if visibility hasn't changed\n    if (data.hide ===
true) {\n      return data;\n    }\n\n    data.hide = true;\n    data.attributes['x-out-of-boundaries'] = '';\n  } else {\n    //
Avoid unnecessary DOM access if visibility hasn't changed\n    if (data.hide === false) {\n      return data;\n    }\n\n    data.hide = false;\n    data.attributes['x-out-of-boundaries'] = false;\n  }\n  return data;\n}\n\n/**\n * @function\n *
@memberof Modifiers\n * @argument {Object} data - The data object generated by `update` method\n *
@argument {Object} options - Modifiers configuration and options\n * @returns {Object} The data object, properly
modified\n */\nfunction inner(data) {\n  var placement = data.placement;\n  var basePlacement = placement.split('-')
[0];\n  var _data$offsets = data.offsets,\n      popper = _data$offsets.popper,\n      reference =
_data$offsets.reference;\n\n  var isHoriz = ['left', 'right'].indexOf(basePlacement) !== -1;\n\n  var subtractLength =
['top', 'left'].indexOf(basePlacement) === -1;\n\n  popper[isHoriz ? 'left' : 'top'] = reference[basePlacement] -
(subtractLength ? popper[isHoriz ? 'width' : 'height'] : 0);\n\n  data.placement = getOppositePlacement(placement);\n
data.offsets.popper = getClientRect(popper);\n  return data;\n}\n\n/**\n * Modifier function, each modifier can
have a function of this type assigned\n * to its `fn` property.<br />\n * These functions will be called on each update,
this means that you must\n * make sure they are performant enough to avoid performance bottlenecks.\n */\n *
@function ModifierFn\n * @argument {dataObject} data - The data object generated by `update` method\n *
@argument {Object} options - Modifiers configuration and options\n * @returns {dataObject} The data object,
properly modified\n */\n\n * Modifiers are plugins used to alter the behavior of your poppers.<br />\n *
Popper.js uses a set of 9 modifiers to provide all the basic functionalities\n * needed by the library.\n * Usually
you don't want to override the `order`, `fn` and `onLoad` props.\n * All the other properties are configurations that
could be tweaked.\n * @namespace modifiers\n */\nvar modifiers = {\n  /**\n   * Modifier used to shift the popper
on the start or end of its reference\n   * element.<br />\n   * It will read the variation of the `placement` property.<br
/>\n   * It can be one either `-end` or `-start`.\n   */\n   * @memberof modifiers\n   * @inner\n   */\n   shift: {\n
/**\n    @prop {number} order=100 - Index used to define the order of execution\n    order: 100,\n    /**\n    @prop
{Boolean} enabled=true - Whether the modifier is enabled or not\n    enabled: true,\n    /**\n    @prop {ModifierFn}
fn: shift\n  },\n\n  /**\n   * The `offset` modifier can shift your popper on both its axis.\n   *\n   * It accepts the
following units:\n   * - `px` or unit-less, interpreted as pixels\n   * - `%` or `%r`, percentage relative to the length of
the reference element\n   * - `%p`, percentage relative to the length of the popper element\n   * - `vw`, CSS viewport
width unit\n   * - `vh`, CSS viewport height unit\n   *\n   * For length is intended the main axis relative to the
placement of the popper.<br />\n   * This means that if the placement is `top` or `bottom`, the length will be the\n
* `width`. In case of `left` or `right`, it will be the `height`.\n   *\n   * You can provide a single value (as `Number` or
`String`), or a pair of values\n   * as `String` divided by a comma or one (or more) white spaces.<br />\n   * The
latter is a deprecated method because it leads to confusion and will be\n   * removed in v2.<br />\n   * Additionally,
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it accepts additions and subtractions between different units.  
 \* Note that multiplications and divisions aren't supported.  
 \* Valid examples are:  
 \* `10`  
 \* `'10%`  
 \* `10`  
 \* `10%`  
 \* `10 + 10%`  
 \* `10 - 5vh + 3%`  
 \* `-10px + 5vh, 5px - 6%`  
 \* `>`  
 \* **NB**: If you desire to apply offsets to your poppers in a way that may make them overlap with their reference element, unfortunately, you will have to disable the `flip` modifier.  
 \* You can read more on this at this [\[issue\]\(https://github.com/FezVrasta/popper.js/issues/373\)](https://github.com/FezVrasta/popper.js/issues/373).

**@memberof modifiers**  
**@inner**  
**offset**: {  
 \* **@prop {number}** order=200 - Index used to define the order of execution  
 \* order: 200,  
 \* **@prop {Boolean}** enabled=true - Whether the modifier is enabled or not  
 \* enabled: true,  
 \* **@prop {ModifierFn}** fn: offset,  
 \* **@prop {Number|String}** offset=0  
 \* The offset value as described in the modifier description  
 \* offset: 0  
 \* },  
 \* **Modifier used to prevent the popper from being positioned outside the boundary.**  
 \* A scenario exists where the reference itself is not within the boundaries.  
 \* We can say it has "escaped the boundaries" — or just "escaped".  
 \* In this case we need to decide whether the popper should either:  
 \* - detach from the reference and remain "trapped" in the boundaries, or  
 \* - if it should ignore the boundary and "escape with its reference".  
 \* When `escapeWithReference` is set to `true` and reference is completely outside its boundaries, the popper will overflow (or completely leave) the boundaries in order to remain attached to the edge of the reference.  
**@memberof modifiers**  
**@inner**  
**preventOverflow**: {  
 \* **@prop {number}** order=300 - Index used to define the order of execution  
 \* order: 300,  
 \* **@prop {Boolean}** enabled=true - Whether the modifier is enabled or not  
 \* enabled: true,  
 \* **@prop {ModifierFn}** fn: preventOverflow,  
 \* **@prop {Array}** [priority=['left','right','top','bottom']]  
 \* Popper will try to prevent overflow following these priorities by default,  
 \* then, it could overflow on the left and on top of the `boundariesElement`  
 \* priority: ['left', 'right', 'top', 'bottom'],  
 \* **@prop {number}** padding=5  
 \* Amount of pixel used to define a minimum distance between the boundaries and the popper. This makes sure the popper always has a little padding between the edges of its container  
 \* padding: 5,  
 \* **@prop {String|HTMLElement}** boundariesElement='scrollParent'  
 \* Boundaries used by the modifier. Can be `scrollParent`, `window`, `viewport` or any DOM element.  
 \* boundariesElement: 'scrollParent',  
 \* **Modifier used to make sure the reference and its popper stay near each other without leaving any gap between the two.**  
 \* Especially useful when the arrow is enabled and you want to ensure that it points to its reference element.  
 \* It cares only about the first axis. You can still have poppers with margin between the popper and its reference element.  
**@memberof modifiers**  
**@inner**  
**keepTogether**: {  
 \* **@prop {number}** order=400 - Index used to define the order of execution  
 \* order: 400,  
 \* **@prop {Boolean}** enabled=true - Whether the modifier is enabled or not  
 \* enabled: true,  
 \* **@prop {ModifierFn}** fn: keepTogether  
 \* },  
 \* **This modifier is used to move the `arrowElement` of the popper to make sure it is positioned between the reference element and its popper element.**  
 \* It will read the outer size of the `arrowElement` node to detect how many pixels of conjunction are needed.  
 \* It has no effect if no `arrowElement` is provided.  
**@memberof modifiers**  
**@inner**  
**arrow**: {  
 \* **@prop {number}** order=500 - Index used to define the order of execution  
 \* order: 500,  
 \* **@prop {Boolean}** enabled=true - Whether the modifier is enabled or not  
 \* enabled: true,  
 \* **@prop {ModifierFn}** fn: arrow,  
 \* **@prop {String|HTMLElement}** element='x-arrow'  
 \* - Selector or node used as arrow  
 \* element: 'x-arrow',  
 \* **Modifier used to flip the popper's placement when it starts to overlap its reference element.**  
 \* Requires the `preventOverflow` modifier before it in order to work.  
 \* **NOTE**: this modifier will interrupt the current update cycle and will restart it if it detects the need to flip the placement.  
**@memberof modifiers**  
**@inner**  
**flip**: {  
 \* **@prop {number}** order=600 - Index used to define the order of execution  
 \* order: 600,  
 \* **@prop {Boolean}** enabled=true - Whether the modifier is enabled or not  
 \* enabled: true,  
 \* **@prop {ModifierFn}** fn: flip,  
 \* **@prop {String|Array}** behavior='flip'  
 \* The behavior used to change the popper's placement. It can be one of `flip`, `clockwise`, `counterclockwise` or an array with a list of valid placements (with optional variations)  
 \* behavior: 'flip',  
 \* **@prop {number}** padding=5  
 \* The popper will flip if it hits the edges of the `boundariesElement`  
 \* padding:

5, \n /\*\* \n \* @prop {String|HTMLElement} boundariesElement='viewport' \n \* The element which will define the boundaries of the popper position. \n \* The popper will never be placed outside of the defined boundaries \n \* (except if `keepTogether` is enabled) \n \* ^ \n boundariesElement: 'viewport' \n }, \n \n /\*\* \n \* Modifier used to make the popper flow toward the inner of the reference element. \n \* By default, when this modifier is disabled, the popper will be placed outside \n \* the reference element. \n \* @memberof modifiers \n \* @inner \n \* ^ \n inner: { \n /\*\* @prop {number} order=700 - Index used to define the order of execution \* \n order: 700, \n /\*\* @prop {Boolean} enabled=false - Whether the modifier is enabled or not \* \n enabled: false, \n /\*\* @prop {ModifierFn} \* \n fn: inner \n }, \n \n /\*\* \n \* Modifier used to hide the popper when its reference element is outside of the \n \* popper boundaries. It will set a `x-out-of-boundaries` attribute which can \n \* be used to hide with a CSS selector the popper when its reference is \n \* out of boundaries. \n \* \n \* Requires the `preventOverflow` modifier before it in order to work. \n \* @memberof modifiers \n \* @inner \n \* ^ \n hide: { \n /\*\* @prop {number} order=800 - Index used to define the order of execution \* \n order: 800, \n /\*\* @prop {Boolean} enabled=true - Whether the modifier is enabled or not \* \n enabled: true, \n /\*\* @prop {ModifierFn} \* \n fn: hide \n }, \n \n /\*\* \n \* Computes the style that will be applied to the popper element to gets \n \* properly positioned. \n \* \n \* Note that this modifier will not touch the DOM, it just prepares the styles \n \* so that `applyStyle` modifier can apply it. This separation is useful \n \* in case you need to replace `applyStyle` with a custom implementation. \n \* \n \* This modifier has `850` as `order` value to maintain backward compatibility \n \* with previous versions of Popper.js. Expect the modifiers ordering method \n \* to change in future major versions of the library. \n \* \n \* @memberof modifiers \n \* @inner \n \* ^ \n computeStyle: { \n /\*\* @prop {number} order=850 - Index used to define the order of execution \* \n order: 850, \n /\*\* @prop {Boolean} enabled=true - Whether the modifier is enabled or not \* \n enabled: true, \n /\*\* @prop {ModifierFn} \* \n fn: computeStyle, \n /\*\* \n \* @prop {Boolean} gpuAcceleration=true \n \* If true, it uses the CSS 3D transformation to position the popper. \n \* Otherwise, it will use the `top` and `left` properties \n \* ^ \n gpuAcceleration: true, \n /\*\* \n \* @prop {string} [x='bottom'] \n \* Where to anchor the X axis (`bottom` or `top`). AKA X offset origin. \n \* Change this if your popper should grow in a direction different from `bottom` \n \* ^ \n x: 'bottom', \n /\*\* \n \* @prop {string} [x='left'] \n \* Where to anchor the Y axis (`left` or `right`). AKA Y offset origin. \n \* Change this if your popper should grow in a direction different from `right` \n \* ^ \n y: 'right' \n }, \n \n /\*\* \n \* Applies the computed styles to the popper element. \n \* \n \* All the DOM manipulations are limited to this modifier. This is useful in case \n \* you want to integrate Popper.js inside a framework or view library and you \n \* want to delegate all the DOM manipulations to it. \n \* \n \* Note that if you disable this modifier, you must make sure the popper element \n \* has its position set to `absolute` before Popper.js can do its work! \n \* \n \* Just disable this modifier and define your own to achieve the desired effect. \n \* \n \* @memberof modifiers \n \* @inner \n \* ^ \n applyStyle: { \n /\*\* @prop {number} order=900 - Index used to define the order of execution \* \n order: 900, \n /\*\* @prop {Boolean} enabled=true - Whether the modifier is enabled or not \* \n enabled: true, \n /\*\* @prop {ModifierFn} \* \n fn: applyStyle, \n /\*\* @prop {Function} \* \n onLoad: applyStyleOnLoad, \n /\*\* \n \* @deprecated since version 1.10.0, the property moved to `computeStyle` modifier \n \* @prop {Boolean} gpuAcceleration=true \n \* If true, it uses the CSS 3D transformation to position the popper. \n \* Otherwise, it will use the `top` and `left` properties \n \* ^ \n gpuAcceleration: undefined \n } \n }; \n \n /\*\* \n \* The `dataObject` is an object containing all the information used by Popper.js. \n \* This object is passed to modifiers and to the `onCreate` and `onUpdate` callbacks. \n \* @name dataObject \n \* @property {Object} data.instance The Popper.js instance \n \* @property {String} data.placement Placement applied to popper \n \* @property {String} data.originalPlacement Placement originally defined on init \n \* @property {Boolean} data.flipped True if popper has been flipped by flip modifier \n \* @property {Boolean} data.hide True if the reference element is out of boundaries, useful to know when to hide the popper \n \* @property {HTMLElement} data.arrowElement Node used as arrow by arrow modifier \n \* @property {Object} data.styles Any CSS property defined here will be applied to the popper. It expects the JavaScript nomenclature (eg. `marginBottom`) \n \* @property {Object} data.arrowStyles Any CSS property defined here will be applied to the popper arrow. It expects the JavaScript nomenclature (eg. `marginBottom`) \n \* @property {Object} data.boundaries Offsets of the popper boundaries \n \* @property {Object}



data.offsets The measurements of popper, reference and arrow elements

```

 * @property {Object} data.offsets.popper
`top`, `left`, `width`, `height` values
 * @property {Object} data.offsets.reference `top`, `left`, `width`, `height`
values
 * @property {Object} data.offsets.arrow] `top` and `left` offsets, only one of them will be different from
0
 * Default options provided to Popper.js constructor.
 * These can be overridden using the
`options` argument of Popper.js.
 * To override an option, simply pass an object with the same
 * structure of the `options` object, as the 3rd argument. For example:
 * new Popper(ref, pop, {
 *   modifiers: {
 *     preventOverflow: { enabled: false }
 *   }
 * })
 * @type {Object}
 * @static
 * @memberof Popper
 * Defaults = {
 *   // Popper's placement.
 *   @prop {Popper.placements} placement='bottom'
 *   placement: 'bottom',
 *   // Set this to true if you want popper to position it self in 'fixed' mode
 *   @prop {Boolean} positionFixed=false
 *   positionFixed: false,
 *   // Whether events (resize, scroll) are
 *   initially enabled.
 *   @prop {Boolean} eventsEnabled=true
 *   eventsEnabled: true,
 *   // Set to true
 *   if you want to automatically remove the popper when
 *   you call the `destroy` method.
 *   @prop {Boolean}
 *   removeOnDestroy=false
 *   removeOnDestroy: false,
 *   // Callback called when the popper is
 *   created.
 *   By default, it is set to no-op.
 *   Access Popper.js instance with `data.instance`.
 *   @prop {onCreate}
 *   onCreate: function onCreate() {},
 *   // Callback called when the popper is
 *   updated. This callback is not called
 *   on the initialization/creation of the popper, but only on subsequent
 *   updates.
 *   By default, it is set to no-op.
 *   Access Popper.js instance with `data.instance`.
 *   @prop {onUpdate}
 *   onUpdate: function onUpdate() {},
 *   // List of modifiers used to modify the
 *   offsets before they are applied to the popper.
 *   They provide most of the functionalities of Popper.js.
 *   @prop
 *   {modifiers}
 *   modifiers: modifiers;
 *   @callback onCreate
 *   @param {dataObject} data
 *   @callback onUpdate
 *   @param {dataObject} data
 * // Utils// Methods
 * var Popper =
 * function () {
 *   // Creates a new Popper.js instance.
 *   @class Popper
 *   @param
 *   {HTMLElement|referenceObject} reference - The reference element used to position the popper
 *   @param
 *   {HTMLElement} popper - The HTML element used as the popper
 *   @param {Object} options - Your custom
 *   options to override the ones defined in [Defaults](#defaults)
 *   @return {Object} instance - The generated
 *   Popper.js instance
 *   function Popper(reference, popper) {
 *     var _this = this;
 *     var options =
 *     arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : {};
 *     classCallCheck(this, Popper);
 *     this.scheduleUpdate = function () {
 *       return requestAnimationFrame(_this.update);
 *     };
 *     // make update()
 *     debounced, so that it only runs at most once-per-tick
 *     this.update = debounce(this.update.bind(this));
 *     // with
 *     {} we create a new object with the options inside it
 *     this.options = _extends({}, Popper.Defaults, options);
 *     // init state
 *     this.state = {
 *       isDestroyed: false,
 *       isCreated: false,
 *       scrollParents: []
 *     };
 *     // get
 *     reference and popper elements (allow jQuery wrappers)
 *     this.reference = reference && reference.jquery ?
 *     reference[0] : reference;
 *     this.popper = popper && popper.jquery ? popper[0] : popper;
 *     // Deep merge
 *     modifiers options
 *     this.options.modifiers = {};
 *     Object.keys(_extends({}, Popper.Defaults.modifiers,
 *     options.modifiers)).forEach(function (name) {
 *       _this.options.modifiers[name] = _extends({},
 *       Popper.Defaults.modifiers[name] || {}, options.modifiers ? options.modifiers[name] : {});
 *     });
 *     //
 *     Refactoring modifiers' list (Object => Array)
 *     this.modifiers = Object.keys(this.options.modifiers).map(function
 *     (name) {
 *       return _extends({
 *         name: name
 *       }, _this.options.modifiers[name]);
 *     })
 *     // sort the
 *     modifiers by order
 *     .sort(function (a, b) {
 *       return a.order - b.order;
 *     });
 *     // modifiers have the ability
 *     to execute arbitrary code when Popper.js get inited
 *     // such code is executed in the same order of its modifier
 *     // they could add new properties to their options configuration
 *     // BE AWARE: don't add options to
 *     `options.modifiers.name` but to `modifierOptions`!
 *     this.modifiers.forEach(function (modifierOptions) {
 *       if
 *       (modifierOptions.enabled && isFunction(modifierOptions.onLoad)) {
 *         modifierOptions.onLoad(_this.reference, _this.popper, _this.options, modifierOptions, _this.state);
 *       }
 *     });
 *     // fire the first update to position the popper in the right place
 *     this.update();
 *     var eventsEnabled =
 *     this.options.eventsEnabled;
 *     if (eventsEnabled) {
 *       // setup event listeners, they will take care of update the
 *       position in specific situations
 *       this.enableEventListeners();
 *     }
 *     this.state.eventsEnabled =
 *     eventsEnabled;
 *   }
 *   // We can't use class properties because they don't get listed in the
 *   // class prototype and

```





```

locale, params: params }
function looseClone (obj) {
  return JSON.parse(JSON.stringify(obj))
}
function remove (arr, item) {
  if (arr.length) {
    var index = arr.indexOf(item);
    if (index > -1) {
      return arr.splice(index, 1)
    }
  }
  var hasOwnProperty = Object.prototype.hasOwnProperty;
  function hasOwn (obj, key) {
    return hasOwnProperty.call(obj, key)
  }
  function merge (target) {
    var arguments$1 = arguments;
    var output = Object(target);
    for (var i = 1; i < arguments.length; i++) {
      var source = arguments$1[i];
      if (source !== undefined && source !== null) {
        var key = (void 0);
        for (key in source) {
          if (hasOwn(source, key)) {
            if (isObject(source[key])) {
              output[key] = merge(output[key], source[key]);
            } else {
              output[key] = source[key];
            }
          }
        }
      }
    }
    return output
  }
  function looseEqual (a, b) {
    if (a === b) {
      return true
    }
    var isObjectA = isObject(a);
    var isObjectB = isObject(b);
    if (isObjectA && isObjectB) {
      try {
        var isArrayA = Array.isArray(a);
        var isArrayB = Array.isArray(b);
        if (isArrayA && isArrayB) {
          return a.length === b.length && a.every(function (e, i) {
            return looseEqual(e, b[i])
          })
        } else if (!isArrayA && !isArrayB) {
          var keysA = Object.keys(a);
          var keysB = Object.keys(b);
          return keysA.length === keysB.length && keysA.every(function (key) {
            return looseEqual(a[key], b[key])
          })
        } else {
          /* istanbul ignore next */
          return false
        }
      } catch (e) {
        /* istanbul ignore next */
        return false
      }
    } else if (!isObjectA && !isObjectB) {
      return String(a) === String(b)
    } else {
      return false
    }
  }
  var canUseDateTimeFormat = typeof Intl !== 'undefined' && typeof Intl.DateTimeFormat !== 'undefined';
  var canUseNumberFormat = typeof Intl !== 'undefined' && typeof Intl.NumberFormat !== 'undefined';
  function extend (Vue) {
    if (!Vue.prototype.hasOwnProperty('$i18n')) {
      // $FlowFixMe
      Object.defineProperty(Vue.prototype, '$i18n', {
        get: function get () {
          return this._i18n
        }
      });
      Vue.prototype.$t = function (key) {
        var values = [], len = arguments.length - 1;
        while (len-- > 0) values[len] = arguments[len + 1];
        var i18n = this.$i18n;
        return i18n._t.apply(i18n, [key, i18n.locale, i18n._getMessages(), this].concat(values))
      };
      Vue.prototype.$tc = function (key, choice) {
        var values = [], len = arguments.length - 2;
        while (len-- > 0) values[len] = arguments[len + 2];
        var i18n = this.$i18n;
        return i18n._tc.apply(i18n, [key, i18n.locale, i18n._getMessages(), this, choice].concat(values))
      };
      Vue.prototype.$d = function (value) {
        var ref;
        var args = [], len = arguments.length - 1;
        while (len-- > 0) args[len] = arguments[len + 1];
        return (ref = this.$i18n).d.apply(ref, [value].concat(args))
      };
      Vue.prototype.$n = function (value) {
        var ref;
        var args = [], len = arguments.length - 1;
        while (len-- > 0) args[len] = arguments[len + 1];
        return (ref = this.$i18n).n.apply(ref, [value].concat(args))
      };
      var mixin = {
        beforeCreate: function beforeCreate () {
          var options = this.$options;
          options.i18n = options.i18n || (options.__i18n ? {} : null);
          if (options.i18n) {
            if (options.i18n instanceof VueI18n) {
              // init locale messages via custom blocks
              if (options.__i18n) {
                try {
                  var localeMessages = {};
                  options.__i18n.forEach(function (resource) {
                    localeMessages = merge(localeMessages, JSON.parse(resource));
                  });
                  Object.keys(localeMessages).forEach(function (locale) {
                    options.i18n.mergeLocaleMessage(locale, localeMessages[locale]);
                  });
                } catch (e) {
                  if (process.env.NODE_ENV !== 'production') {
                    warn("Cannot parse locale messages via custom blocks.", e);
                  }
                }
              }
              this._i18n = options.i18n;
              this._i18nWatcher = this._i18n.watchI18nData();
              this._i18n.subscribeDataChanging(this);
              this._subscribing = true;
            } else if (isPlainObject(options.i18n)) {
              // component local i18n
              if (this.$root && this.$root.$i18n && this.$root.$i18n instanceof VueI18n) {
                options.i18n.root = this.$root;
                options.i18n.formatter = this.$root.$i18n.formatter;
                options.i18n.fallbackLocale = this.$root.$i18n.fallbackLocale;
                options.i18n.silentTranslationWarn = this.$root.$i18n.silentTranslationWarn;
              }
              // init locale messages via custom blocks
              if (options.__i18n) {
                try {
                  var localeMessages$1 = {};
                  options.__i18n.forEach(function (resource) {
                    localeMessages$1 = merge(localeMessages$1, JSON.parse(resource));
                  });
                  options.i18n.messages = localeMessages$1;
                } catch (e) {
                  if (process.env.NODE_ENV !== 'production') {
                    warn("Cannot parse locale messages via custom

```

```

blocks.\", e);\n    }\n    }\n    }\n    this._i18n = new VueI18n(options.i18n);\n    this._i18nWatcher
= this._i18n.watchI18nData();\n    this._i18n.subscribeDataChanging(this);\n    this._subscribing = true;\n\nif (options.i18n.sync === undefined || !options.i18n.sync) {\n    this._localeWatcher =
this.$i18n.watchLocale();\n    }\n    } else {\n    if (process.env.NODE_ENV !== 'production') {\n
warn(\"Cannot be interpreted 'i18n' option.\");\n    }\n    }\n    } else if (this.$root && this.$root.$i18n &&
this.$root.$i18n instanceof VueI18n) {\n    // root i18n\n    this._i18n = this.$root.$i18n;\n
this._i18n.subscribeDataChanging(this);\n    this._subscribing = true;\n    } else if (options.parent &&
options.parent.$i18n && options.parent.$i18n instanceof VueI18n) {\n    // parent i18n\n    this._i18n =
options.parent.$i18n;\n    this._i18n.subscribeDataChanging(this);\n    this._subscribing = true;\n    }\n    },\n\nbeforeDestroy: function beforeDestroy () {\n    if (!this._i18n) { return }\n\n    if (this._subscribing) {\n
this._i18n.unsubscribeDataChanging(this);\n    delete this._subscribing;\n    }\n\n    if (this._i18nWatcher) {\n
this._i18nWatcher();\n    delete this._i18nWatcher;\n    }\n\n    if (this._localeWatcher) {\n
this._localeWatcher();\n    delete this._localeWatcher;\n    }\n\n    this._i18n = null;\n    }\n};\n\n/* */\n\nvar
component = {\n    name: 'i18n',\n    functional: true,\n    props: {\n    tag: {\n    type: String,\n    default: 'span'\n
},\n    path: {\n    type: String,\n    required: true\n    },\n    locale: {\n    type: String\n    },\n    places: {\n
type: [Array, Object]\n    }\n    },\n    render: function render (h, ref) {\n    var props = ref.props;\n    var data =
ref.data;\n    var children = ref.children;\n    var parent = ref.parent;\n\n    var i18n = parent.$i18n;\n\n    children =
(children || []).filter(function (child) {\n    return child.tag || (child.text = child.text.trim())\n    });\n\n    if (!i18n) {\n
    if (process.env.NODE_ENV !== 'production') {\n    warn('Cannot find VueI18n instance!');\n    }\n    return
children\n    }\n\n    var path = props.path;\n    var locale = props.locale;\n\n    var params = {};\n    var places =
props.places || {};\n\n    var hasPlaces = Array.isArray(places)\n    ? places.length > 0\n    :
Object.keys(places).length > 0;\n\n    var everyPlace = children.every(function (child) {\n    if (child.data &&
child.data.attrs) {\n    var place = child.data.attrs.place;\n    return (typeof place !== 'undefined') && place !==
'\n    }\n    });\n\n    if (process.env.NODE_ENV !== 'production' && hasPlaces && children.length > 0 &&
!everyPlace) {\n    warn('If places prop is set, all child elements must have place prop set.);\n    }\n\n    if
(Array.isArray(places)) {\n    places.forEach(function (el, i) {\n    params[i] = el;\n    });\n    } else {\n
Object.keys(places).forEach(function (key) {\n    params[key] = places[key];\n    });\n    }\n\n    children.forEach(function (child, i) {\n    var key = everyPlace\n    ? (\"\" + (child.data.attrs.place))\n    : (\"\" +
i);\n    params[key] = child;\n    });\n\n    return h(props.tag, data, i18n.i(path, locale, params))\n    }\n};\n\n/*
*/\n\nfunction bind (el, binding, vnode) {\n    if (!assert(el, vnode)) { return }\n\n    t(el, binding,
vnode);\n}\n\nfunction update (el, binding, vnode, oldVNode) {\n    if (!assert(el, vnode)) { return }\n\n    var i18n =
vnode.context.$i18n;\n    if (localeEqual(el, vnode) &&\n    (looseEqual(binding.value, binding.oldValue) &&\n
looseEqual(el._localeMessage, i18n.getLocaleMessage(i18n.locale)))) { return }\n\n    t(el, binding,
vnode);\n}\n\nfunction unbind (el, binding, vnode, oldVNode) {\n    var vm = vnode.context;\n    if (!vm) {\n
warn('Vue instance does not exists in VNode context');\n    return\n    }\n\n    el.textContent = \";\n    el._vt =
undefined;\n    delete el['_vt'];\n    el._locale = undefined;\n    delete el['_locale'];\n    el._localeMessage = undefined;\n
delete el['_localeMessage'];\n}\n\nfunction assert (el, vnode) {\n    var vm = vnode.context;\n    if (!vm) {\n
warn('Vue instance doest not exists in VNode context');\n    return false\n    }\n\n    if (!vm.$i18n) {\n    warn('VueI18n
instance does not exists in Vue instance');\n    return false\n    }\n\n    return true\n    }\n\nfunction localeEqual (el, vnode)
{\n    var vm = vnode.context;\n    return el._locale === vm.$i18n.locale\n    }\n\nfunction t (el, binding, vnode) {\n    var
ref$1, ref$2;\n\n    var value = binding.value;\n\n    var ref = parseValue(value);\n    var path = ref.path;\n    var locale =
ref.locale;\n    var args = ref.args;\n    var choice = ref.choice;\n    if (!path && !locale && !args) {\n    warn('value type
not supported');\n    return\n    }\n\n    if (!path) {\n    warn(\"path` is required in v-t directive');\n    return\n    }\n\n    var
vm = vnode.context;\n    if (choice) {\n    el._vt = el.textContent = (ref$1 = vm.$i18n).tc.apply(ref$1, [ path, choice
].concat( makeParams(locale, args) ));\n    } else {\n    el._vt = el.textContent = (ref$2 = vm.$i18n).t.apply(ref$2, [
path ].concat( makeParams(locale, args) ));\n    }\n\n    el._locale = vm.$i18n.locale;\n    el._localeMessage =
vm.$i18n.getLocaleMessage(vm.$i18n.locale);\n    }\n\nfunction parseValue (value) {\n    var path;\n    var locale;\n    var
args;\n    var choice;\n\n    if (typeof value === 'string') {\n    path = value;\n    } else if (isPlainObject(value)) {\n    path

```

```

= value.path;\n  locale = value.locale;\n  args = value.args;\n  choice = value.choice;\n } \n\n return { path: path,
locale: locale, args: args, choice: choice } \n} \n\nfunction makeParams (locale, args) {\n  var params = [];\n\n  locale
&& params.push(locale);\n  if (args && (Array.isArray(args) || isPlainObject(args))) {\n    params.push(args);\n
}\n\n  return params\n} \n\nvar Vue;\n\nfunction install (_Vue) {\n  /* istanbul ignore if */\n  if
(process.env.NODE_ENV !== 'production' && install.installed && _Vue === Vue) {\n    warn('already
installed.);\n    return\n  }\n  install.installed = true;\n\n  Vue = _Vue;\n\n  var version = (Vue.version &&
Number(Vue.version.split('.')[0])) || -1;\n  /* istanbul ignore if */\n  if (process.env.NODE_ENV !== 'production'
&& version < 2) {\n    warn(("vue-i18n (" + (install.version) + ") need to use Vue 2.0 or later (Vue: " +
(Vue.version) + ").");\n    return\n  }\n\n  extend(Vue);\n  Vue.mixin(mixin);\n  Vue.directive('t', { bind: bind,
update: update, unbind: unbind });\n\n  Vue.component(component.name, component);\n\n  // use simple
mergeStrategies to prevent i18n instance lose '__proto__'\n  var strats = Vue.config.optionMergeStrategies;\n
strats.i18n = function (parentVal, childVal) {\n    return childVal === undefined\n      ? parentVal\n      : childVal\n
};\n}\n\n/* */\n\nvar BaseFormatter = function BaseFormatter () {\n  this._caches =
Object.create(null);\n}\n\nBaseFormatter.prototype.interpolate = function interpolate (message, values) {\n  if
(!values) {\n    return [message]\n  }\n  var tokens = this._caches[message];\n  if (!tokens) {\n    tokens =
parse(message);\n    this._caches[message] = tokens;\n  }\n  return compile(tokens, values)\n}\n\n\n\nvar
RE_TOKEN_LIST_VALUE = /^(?:\d+); \nvar RE_TOKEN_NAMED_VALUE = /^(?:\w+); \n\nfunction parse
(format) {\n  var tokens = [];\n  var position = 0;\n  var text = "";\n  while (position < format.length) {\n    var char
= format[position++];\n    if (char === '{') {\n      if (text) {\n        tokens.push({ type: 'text', value: text });\n        \n\n
text = "";\n        var sub = "";\n        char = format[position++];\n        while (char !== undefined && char !== '}') {\n
sub += char;\n        char = format[position++];\n        }\n        var isClosed = char === '}';\n        var type =
RE_TOKEN_LIST_VALUE.test(sub)\n          ? 'list'\n          : isClosed &&
RE_TOKEN_NAMED_VALUE.test(sub)\n            ? 'named'\n            : 'unknown';\n        tokens.push({ value: sub, type:
type });\n      } else if (char === '%') {\n        // when found rails i18n syntax, skip text capture\n        if
(format[position] !== '{') {\n          text += char;\n        }\n      } else {\n        text += char;\n      }\n    }\n    text &&
tokens.push({ type: 'text', value: text });\n  }\n  return tokens\n}\n\nfunction compile (tokens, values) {\n  var compiled
= [];\n  var index = 0;\n  var mode = Array.isArray(values)\n    ? 'list'\n    : isObject(values)\n    ? 'named'\n    :
'unknown';\n  if (mode === 'unknown') { return compiled }\n  while (index < tokens.length) {\n    var token =
tokens[index];\n    switch (token.type) {\n      case 'text':\n        compiled.push(token.value);\n        break\n      case
'list':\n        compiled.push(values[parseInt(token.value, 10)]);\n        break\n      case 'named':\n        if (mode ===
'named') {\n          compiled.push((values)[token.value]);\n        } else {\n          if (process.env.NODE_ENV !==
'production') {\n            warn(("Type of token " + (token.type) + " and format of value " + mode + " don't
match!")); \n          }\n          break\n        case 'unknown':\n          if (process.env.NODE_ENV !== 'production')
{\n            warn("Detect 'unknown' type of token!");\n          }\n          break\n        }\n    }\n    index++;\n  }\n  return
compiled\n}\n\n/* */\n\n* Path parser\n* - Inspired:\n* Vue.js Path parser\n*\n\n// actions\n\nvar
APPEND = 0;\nvar PUSH = 1;\nvar INC_SUB_PATH_DEPTH = 2;\nvar PUSH_SUB_PATH = 3;\n\n// states\n\nvar
BEFORE_PATH = 0;\nvar IN_PATH = 1;\nvar BEFORE_IDENT = 2;\nvar IN_IDENT = 3;\nvar IN_SUB_PATH
= 4;\nvar IN_SINGLE_QUOTE = 5;\nvar IN_DOUBLE_QUOTE = 6;\nvar AFTER_PATH = 7;\nvar ERROR =
8;\n\nvar pathStateMachine = [];\n\npathStateMachine[BEFORE_PATH] = {\n  'ws': [BEFORE_PATH],\n  'ident':
[IN_IDENT, APPEND],\n  '[': [IN_SUB_PATH],\n  'eof': [AFTER_PATH]\n};\n\npathStateMachine[IN_PATH] =
{\n  'ws': [IN_PATH],\n  '.': [BEFORE_IDENT],\n  '[': [IN_SUB_PATH],\n  'eof':
[AFTER_PATH]\n};\n\npathStateMachine[BEFORE_IDENT] = {\n  'ws': [BEFORE_IDENT],\n  'ident':
[IN_IDENT, APPEND],\n  '0': [IN_IDENT, APPEND],\n  'number': [IN_IDENT,
APPEND]\n};\n\npathStateMachine[IN_IDENT] = {\n  'ident': [IN_IDENT, APPEND],\n  '0': [IN_IDENT,
APPEND],\n  'number': [IN_IDENT, APPEND],\n  'ws': [IN_PATH, PUSH],\n  '.': [BEFORE_IDENT, PUSH],\n
 '[': [IN_SUB_PATH, PUSH],\n  'eof': [AFTER_PATH, PUSH]\n};\n\npathStateMachine[IN_SUB_PATH] = {\n
  '\\': [IN_SINGLE_QUOTE, APPEND],\n  '\\\"': [IN_DOUBLE_QUOTE, APPEND],\n  '[': [IN_SUB_PATH,
INC_SUB_PATH_DEPTH],\n  ']': [IN_PATH, PUSH_SUB_PATH],\n  'eof': ERROR,\n  'else': [IN_SUB_PATH,

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users to avoid auto-installation in some cases,\n // this code should be placed here. See #290\n /* istanbul ignore if
*/\n if (!Vue && typeof window !== 'undefined' && window.Vue) {\n   install(window.Vue);\n } \n\n var locale =
options.locale || 'en-US';\n var fallbackLocale = options.fallbackLocale || 'en-US';\n var messages =
options.messages || {};\n var dateTimeFormats = options.dateTimeFormats || {};\n var numberFormats =
options.numberFormats || {};\n\n this._vm = null;\n this._formatter = options.formatter || new BaseFormatter();\n
this._missing = options.missing || null;\n this._root = options.root || null;\n this._sync === undefined
? true : !!options.sync;\n this._fallbackRoot = options.fallbackRoot === undefined\n ? true\n :
!!options.fallbackRoot;\n this._silentTranslationWarn = options.silentTranslationWarn === undefined\n ? false\n
: !!options.silentTranslationWarn;\n this._dateTimeFormatters = {};\n this._numberFormatters = {};\n this._path =
new I18nPath();\n this._dataListeners = [];\n\n this._exist = function (message, key) {\n   if (!message || !key) {\n
return false }\n   return !isNull(this.$1._path.getPathValue(message, key));\n }\n\n this._initVM({\n   locale:
locale,\n   fallbackLocale: fallbackLocale,\n   messages: messages,\n   dateTimeFormats: dateTimeFormats,\n
   numberFormats: numberFormats\n });\n};\n\nvar prototypeAccessors = { vm: { configurable: true },messages: {
configurable: true },dateTimeFormats: { configurable: true },numberFormats: { configurable: true },locale: {
configurable: true },fallbackLocale: { configurable: true },missing: { configurable: true },formatter: { configurable:
true },silentTranslationWarn: { configurable: true } };\n\nVueI18n.prototype._initVM = function _initVM (data) {\n
var silent = Vue.config.silent;\n   Vue.config.silent = true;\n   this._vm = new Vue({ data: data });\n   Vue.config.silent = silent;\n};\n\nVueI18n.prototype.subscribeDataChanging = function subscribeDataChanging
(vm) {\n   this._dataListeners.push(vm);\n};\n\nVueI18n.prototype.unsubscribeDataChanging = function
unsubscribeDataChanging (vm) {\n   remove(this._dataListeners, vm);\n};\n\nVueI18n.prototype.watchI18nData =
function watchI18nData () {\n   var self = this;\n   return this._vm.$watch('$data', function () {\n     var i =
self._dataListeners.length;\n     while (i--) {\n       Vue.nextTick(function () {\n         self._dataListeners[i] &&
self._dataListeners[i].$forceUpdate();\n       });\n     }\n   }, { deep: true });\n};\n\nVueI18n.prototype.watchLocale =
function watchLocale () {\n   /* istanbul ignore if */\n   if (!this._sync || !this._root) {\n     return null }\n   var target =
this._vm;\n   return this._root.$i18n.vm.$watch('locale', function (val) {\n     target.$set(target, 'locale', val);\n
target.$forceUpdate();\n   }, { immediate: true });\n};\n\nprototypeAccessors.vm.get = function () {\n   return this._vm
};\n\nprototypeAccessors.messages.get = function () {\n   return looseClone(this._getMessages())\n};\n\nprototypeAccessors.dateTimeFormats.get = function () {\n   return looseClone(this._getDateTimeFormats())\n};\n\nprototypeAccessors.numberFormats.get = function () {\n   return looseClone(this._getNumberFormats())\n};\n\nprototypeAccessors.locale.get = function () {\n   return this._vm.locale\n};\n\nprototypeAccessors.locale.set =
function (locale) {\n   this._vm.$set(this._vm, 'locale', locale);\n};\n\nprototypeAccessors.fallbackLocale.get =
function () {\n   return this._vm.fallbackLocale\n};\n\nprototypeAccessors.fallbackLocale.set = function (locale) {\n
this._vm.$set(this._vm, 'fallbackLocale', locale);\n};\n\nprototypeAccessors.missing.get = function () {\n   return
this._missing\n};\n\nprototypeAccessors.missing.set = function (handler) {\n   this._missing = handler;\n};\n\nprototypeAccessors.formatter.get = function () {\n   return this._formatter\n};\n\nprototypeAccessors.formatter.set =
function (formatter) {\n   this._formatter = formatter;\n};\n\nprototypeAccessors.silentTranslationWarn.get = function ()
{\n   return this._silentTranslationWarn\n};\n\nprototypeAccessors.silentTranslationWarn.set = function (silent) {\n
this._silentTranslationWarn = silent;\n};\n\nVueI18n.prototype._getMessages = function _getMessages () {\n   return
this._vm.messages\n};\n\nVueI18n.prototype._getDateTimeFormats = function _getDateTimeFormats () {\n   return
this._vm.dateTimeFormats\n};\n\nVueI18n.prototype._getNumberFormats = function _getNumberFormats () {\n   return
this._vm.numberFormats\n};\n\nVueI18n.prototype._warnDefault = function _warnDefault (locale, key, result, vm,
values) {\n   if (!isNull(result)) {\n     return result\n   }\n   if (this._missing) {\n     var missingRet = this._missing.apply(null,
[locale, key, vm, values]);\n     if (typeof missingRet === 'string') {\n       return missingRet\n     }\n   } else {\n     if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n       warn(\n         `Cannot translate
the value of keypath ` + key + `.` +\n         `Use the value of keypath as default.`\n       );\n     }\n   }\n   return
key\n};\n\nVueI18n.prototype._isFallbackRoot = function _isFallbackRoot (val) {\n   return !val &&
!isNull(this._root) && this._fallbackRoot\n};\n\nVueI18n.prototype._interpolate = function _interpolate (\n
  locale,\n  message,\n  key,\n  host,\n  interpolateMode,\n  values,\n  visitedLinkStack\n) {\n   if (!message) {\n     return

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null }\n\n var pathRet = this._path.getPathValue(message, key);\n if (Array.isArray(pathRet) ||
isPlainObject(pathRet)) { return pathRet }\n\n var ret;\n if (isNull(pathRet)) {\n /* istanbul ignore else */\n if
(isPlainObject(message)) {\n ret = message[key];\n if (typeof ret !== 'string') {\n if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n warn(("Value of key \"" +
key + "\" is not a string!"));}\n } return null\n } } else {\n return null\n } } else {\n /*
istanbul ignore else */\n if (typeof pathRet === 'string') {\n ret = pathRet;\n } } else {\n if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n warn(("Value of key \"" + key
+ "\" is not a string!"));}\n } return null\n } }\n\n // Check for the existence of links within the translated
string\n if (ret.indexOf('@:') >= 0 || ret.indexOf('@.') >= 0) {\n ret = this._link(locale, message, ret, host,
interpolateMode, values, visitedLinkStack);\n }\n\n return this._render(ret, interpolateMode,
values)\n};\n\nVueI18n.prototype._link = function _link (\n locale,\n message,\n str,\n host,\n interpolateMode,\n
values,\n visitedLinkStack)\n {\n var this$1 = this;\n\n var ret = str;\n\n // Match all the links within the local\n
// We are going to replace each of\n // them with its translation\n var matches = ret.match(linkKeyMatcher);\n for
(var idx in matches) {\n // ie compatible: filter custom array\n // prototype method\n if
(!matches.hasOwnProperty(idx)) {\n continue\n } }\n var link = matches[idx];\n var linkKeyPrefixMatches =
link.match(linkKeyPrefixMatcher);\n var linkPrefix = linkKeyPrefixMatches[0];\n var formatterName =
linkKeyPrefixMatches[1];\n\n // Remove the leading @:, @.case: and the brackets\n var linkPlaceholder =
link.replace(linkPrefix, "").replace(bracketsMatcher, "");\n\n if (visitedLinkStack.includes(linkPlaceholder)) {\n
if (process.env.NODE_ENV !== 'production') {\n warn(("Circular reference found. \\\"\" + link + \"\\\" is
already visited in the chain of \"" + (visitedLinkStack.reverse().join(' <- '))));}\n } return ret\n }\n
visitedLinkStack.push(linkPlaceholder);\n\n // Translate the link\n var translated = this$1._interpolate(\n
locale, message, linkPlaceholder, host,\n interpolateMode === 'raw' ? 'string' : interpolateMode,\n
interpolateMode === 'raw' ? undefined : values,\n visitedLinkStack\n );\n\n if
(this$1._isFallbackRoot(translated)) {\n if (process.env.NODE_ENV !== 'production' &&
!this$1._silentTranslationWarn) {\n warn(("Fall back to translate the link placeholder \"" + linkPlaceholder + "\"
with root locale.\"));}\n } /* istanbul ignore if */\n if (!this$1._root) { throw Error('unexpected error') }\n
var root = this$1._root.$i18n;\n translated = root._translate(\n root._getMessages(), root.locale,
root.fallbackLocale,\n linkPlaceholder, host, interpolateMode, values\n );\n }\n translated =
this$1._warnDefault(\n locale, linkPlaceholder, translated, host,\n Array.isArray(values) ? values : [values]\n
);\n if (formatters.hasOwnProperty(formatterName)) {\n translated = formatters[formatterName](translated);\n
}\n\n visitedLinkStack.pop();\n\n // Replace the link with the translated\n ret = !translated ? ret :
ret.replace(link, translated);\n }\n\n return ret\n};\n\nVueI18n.prototype._render = function _render (message,
interpolateMode, values) {\n var ret = this._formatter.interpolate(message, values);\n // if interpolateMode is
**not** 'string' ('row'),\n // return the compiled data (e.g. ['foo', VNode, 'bar']) with formatter\n return
interpolateMode === 'string' ? ret.join("") : ret\n};\n\nVueI18n.prototype._translate = function _translate (\n
messages,\n locale,\n fallback,\n key,\n host,\n interpolateMode,\n args)\n {\n var res =\n
this._interpolate(locale, messages[locale], key, host, interpolateMode, args, [key]);\n if (!isNull(res)) { return res
}\n\n res = this._interpolate(fallback, messages[fallback], key, host, interpolateMode, args, [key]);\n if
(!isNull(res)) {\n if (process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n
warn(("Fall back to translate the keypath \"" + key + "\" with \"" + fallback + "\" locale.\"));}\n } return res\n }
else {\n return null\n } }\n\nVueI18n.prototype._t = function _t (key, _locale, messages, host) {\n var ref;\n
var values = [], len = arguments.length - 4;\n while (len-- > 0) values[ len ] = arguments[ len + 4 ];\n if (!key) {\n
return "" }\n\n var parsedArgs = parseArgs.apply(void 0, values);\n var locale = parsedArgs.locale || _locale;\n
var ret = this._translate(\n messages, locale, this.fallbackLocale, key,\n host, 'string', parsedArgs.params\n );\n
if (this._isFallbackRoot(ret)) {\n if (process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn)
{\n warn(("Fall back to translate the keypath \"" + key + "\" with root locale.\"));}\n } /* istanbul ignore if
*/\n if (!this._root) { throw Error('unexpected error') }\n return (ref = this._root).$.t.apply(ref, [ key ].concat(
values ))\n } else {\n return this._warnDefault(locale, key, ret, host, values)\n } }\n};\n\nVueI18n.prototype.t =

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function t (key) {\n  var ref;\n\n  var values = [], len = arguments.length - 1;\n  while ( len-- > 0 ) values[ len ] =
arguments[ len + 1 ];\n  return (ref = this)._t.apply(ref, [ key, this.locale, this._getMessages(), null ].concat( values
))\n};\n\nVueI18n.prototype._i = function _i (key, locale, messages, host, values) {\n  var ret =\nthis._translate(messages, locale, this.fallbackLocale, key, host, 'raw', values);\n  if (this._isFallbackRoot(ret)) {\n  if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n    warn(("Fall back to interpolate
the keypath \"" + key + "\" with root locale.\""));
  }\n  if (!this._root) { throw Error('unexpected error') }\n  return
this._root.$i18n.i(key, locale, values)\n } else {\n  return this._warnDefault(locale, key, ret, host, [values])\n
}\n};\n\nVueI18n.prototype.i = function i (key, locale, values) {\n /* istanbul ignore if */\n if (!key) { return " }\n\n
if (typeof locale !== 'string') {\n  locale = this.locale;\n }\n\n return this._i(key, locale, this._getMessages(), null,
values)\n};\n\nVueI18n.prototype._tc = function _tc (\n key,\n _locale,\n messages,\n host,\n choice)\n {\n  var
ref;\n\n  var values = [], len = arguments.length - 5;\n  while ( len-- > 0 ) values[ len ] = arguments[ len + 5 ];\n  if
(!key) { return " }\n  if (choice === undefined) {\n    choice = 1;\n  }\n\n  var predefined = { 'count': choice, 'n':
choice };\n  var parsedArgs = parseArgs.apply(void 0, values);\n  parsedArgs.params = Object.assign(predefined,
parsedArgs.params);\n  values = parsedArgs.locale === null ? [parsedArgs.params] : [parsedArgs.locale,
parsedArgs.params];\n  return this.fetchChoice((ref = this)._t.apply(ref, [ key, _locale, messages, host ].concat(
values )), choice)\n};\n\nVueI18n.prototype.fetchChoice = function fetchChoice (message, choice) {\n /* istanbul
ignore if */\n if (!message && typeof message !== 'string') { return null }\n  var choices = message.split('|');\n\n
choice = this.getChoiceIndex(choice, choices.length);\n  if (!choices[choice]) { return message }\n  return
choices[choice].trim()\n};\n\n/**\n * @param choice {number} a choice index given by the input to $tc:\n
`$tc('path.to.rule', choiceIndex)`\n * @param choicesLength {number} an overall amount of available choices\n *
@returns a final choice index\n*/\n\nVueI18n.prototype.getChoiceIndex = function getChoiceIndex (choice,
choicesLength) {\n  choice = Math.abs(choice);\n\n  if (choicesLength === 2) {\n    return choice\n    ? choice >
1\n    ? 1\n    : 0\n    : 1\n  }\n\n  return choice ? Math.min(choice, 2) : 0\n};\n\nVueI18n.prototype.tc =
function tc (key, choice) {\n  var ref;\n\n  var values = [], len = arguments.length - 2;\n  while ( len-- > 0 )
values[ len ] = arguments[ len + 2 ];\n  return (ref = this)._tc.apply(ref, [ key, this.locale, this._getMessages(), null,
choice ].concat( values ))\n};\n\nVueI18n.prototype._te = function _te (key, locale, messages) {\n  var args = [],
len = arguments.length - 3;\n  while ( len-- > 0 ) args[ len ] = arguments[ len + 3 ];\n\n  var _locale =
parseArgs.apply(void 0, args).locale || locale;\n  return this._exist(messages[_locale],
key)\n};\n\nVueI18n.prototype.te = function te (key, locale) {\n  return this._te(key, this.locale, this._getMessages(),
locale)\n};\n\nVueI18n.prototype.getLocaleMessage = function getLocaleMessage (locale) {\n  return
looseClone(this._vm.messages[locale] || {})\n};\n\nVueI18n.prototype.setLocaleMessage = function
setLocaleMessage (locale, message) {\n  this._vm.$set(this._vm.messages, locale,
message);\n};\n\nVueI18n.prototype.mergeLocaleMessage = function mergeLocaleMessage (locale, message) {\n
this._vm.$set(this._vm.messages, locale, merge(this._vm.messages[locale] || {},
message));\n};\n\nVueI18n.prototype.getDateTimeFormat = function getDateTimeFormat (locale) {\n  return
looseClone(this._vm.dateTimeFormats[locale] || {})\n};\n\nVueI18n.prototype.setDateTimeFormat = function
setDateTimeFormat (locale, format) {\n  this._vm.$set(this._vm.dateTimeFormats, locale,
format);\n};\n\nVueI18n.prototype.mergeDateTimeFormat = function mergeDateTimeFormat (locale, format) {\n
this._vm.$set(this._vm.dateTimeFormats, locale, merge(this._vm.dateTimeFormats[locale] || {},
format));\n};\n\nVueI18n.prototype._localizeDateTime = function _localizeDateTime (\n value,\n locale,\n
fallback,\n dateTimeFormats,\n key)\n {\n  var _locale = locale;\n  var formats = dateTimeFormats[_locale];\n\n //
fallback locale\n  if (isNull(formats) || isNull(formats[key])) {\n    if (process.env.NODE_ENV !== 'production') {\n
warn(("Fall back to \"" + fallback + "\" datetime formats from \"" + locale + "\" datetime formats.\""));
  }\n\n  _locale = fallback;\n  formats = dateTimeFormats[_locale];\n }\n\n  if (isNull(formats) || isNull(formats[key])) {\n
return null\n } else {\n  var format = formats[key];\n  var id = _locale + \"_\" + key;\n  var formatter =
this._dateTimeFormatters[id];\n  if (!formatter) {\n    formatter = this._dateTimeFormatters[id] = new
Intl.DateTimeFormat(_locale, format);\n  }\n  return formatter.format(value)\n }\n};\n\nVueI18n.prototype._d =
function _d (value, locale, key) {\n /* istanbul ignore if */\n if (process.env.NODE_ENV !== 'production' &&

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!VueI18n.availabilities.dateTimeFormat) {\n  warn('Cannot format a Date value due to not supported
Intl.DateTimeFormat.');
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return "\n }
\n\n if (!key) {\n  return new Intl.DateTimeFormat(locale).format(value)
}\n\n var ret =\n  this._localizeDateTime(value, locale, this.fallbackLocale, this._getDateTimeFormats(), key);
\n\n if (this._isFallbackRoot(ret)) {\n  if (process.env.NODE_ENV !== 'production') {\n  warn(("Fall back to
datetime localization of root: key \"" + key + "\" ."));
\n  }
\n  /* istanbul ignore if */
\n  if (!this._root) { throw
Error('unexpected error') }
\n  return this._root.$i18n.d(value, key, locale)
\n } else {\n  return ret || "\n
}\n};
\n\nVueI18n.prototype.d = function d (value) {\n  var args = [], len = arguments.length - 1;
\n  while (len-- > 0) args[ len ] = arguments[ len + 1 ];
\n\n  var locale = this.locale;
\n  var key = null;
\n\n  if (args.length === 1) {\n  if (typeof args[0] === 'string') {\n  key = args[0];
\n  } else if (isObject(args[0])) {\n  if (args[0].locale) {\n  locale = args[0].locale;
\n  }
\n  if (args[0].key) {\n  key = args[0].key;
\n  }
\n  }
\n  } else if (args.length === 2) {\n  if (typeof args[0] === 'string') {\n  key = args[0];
\n  }
\n  if (typeof args[1] === 'string') {\n  locale = args[1];
\n  }
\n  }
\n\n  return this._d(value, locale, key)
\n};
\n\nVueI18n.prototype.getNumberFormat = function getNumberFormat (locale) {\n  return looseClone(this._vm.numberFormats[locale] || {})};
\n\nVueI18n.prototype.setNumberFormat = function setNumberFormat (locale, format) {\n  this._vm.$set(this._vm.numberFormats, locale, format);
\n};
\n\nVueI18n.prototype.mergeNumberFormat = function mergeNumberFormat (locale, format) {\n  this._vm.$set(this._vm.numberFormats, locale, merge(this._vm.numberFormats[locale] || {}, format));
\n};
\n\nVueI18n.prototype._localizeNumber = function _localizeNumber (\n value,\n locale,\n fallback,\n numberFormats,\n key,\n options)
\n {\n  var _locale = locale;
\n  var formats = numberFormats[_locale];
\n\n  // fallback locale
\n  if (isNull(formats) || isNull(formats[key])) {\n  if (process.env.NODE_ENV !== 'production') {\n  warn(("Fall back to \"" + fallback + "\" number formats from \"" + locale + "\" number formats."));
\n  }
\n  _locale = fallback;
\n  formats = numberFormats[_locale];
\n  }
\n\n  if (isNull(formats) || isNull(formats[key])) {\n  return null
\n } else {\n  var format = formats[key];
\n\n  var formatter;
\n  if (options) {\n  // If options specified - create one time number formatter
\n  formatter = new Intl.NumberFormat(_locale, Object.assign({}, format, options));
\n  } else {\n  var id = _locale + "__" + key;
\n  formatter = this._numberFormatters[id];
\n  if (!formatter) {\n  formatter = this._numberFormatters[id] = new Intl.NumberFormat(_locale, format);
\n  }
\n  }
\n  return formatter.format(value)
\n};
\n\nVueI18n.prototype._n = function _n (value, locale, key, options) {\n  /* istanbul ignore if */
\n  if (!VueI18n.availabilities.numberFormat) {\n  if (process.env.NODE_ENV !== 'production') {\n  warn('Cannot format a Number value due to not supported Intl.NumberFormat.');
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\n  }
\n  return "\n }
\n\n if (!key) {\n  var nf = !options ? new Intl.NumberFormat(locale) : new Intl.NumberFormat(locale, options);
\n  return nf.format(value)
\n }
\n\n var ret =\n  this._localizeNumber(value, locale, this.fallbackLocale, this._getNumberFormats(), key, options);
\n\n if (this._isFallbackRoot(ret)) {\n  if (process.env.NODE_ENV !== 'production') {\n  warn(("Fall back to number localization of root: key \"" + key + "\" ."));
\n  }
\n  /* istanbul ignore if */
\n  if (!this._root) { throw Error('unexpected error') }
\n  return this._root.$i18n.n(value, Object.assign({}, { key: key, locale: locale }, options))
\n } else {\n  return ret || "\n }
\n};
\n\nVueI18n.prototype.n = function n (value) {\n  var args = [], len = arguments.length - 1;
\n  while (len-- > 0) args[ len ] = arguments[ len + 1 ];
\n\n  var locale = this.locale;
\n  var key = null;
\n  var options = null;
\n\n  if (args.length === 1) {\n  if (typeof args[0] === 'string') {\n  key = args[0];
\n  } else if (isObject(args[0])) {\n  if (args[0].locale) {\n  locale = args[0].locale;
\n  }
\n  if (args[0].key) {\n  key = args[0].key;
\n  }
\n  }
\n\n  // Filter out number format options only
\n  options = Object.keys(args[0]).reduce(function (acc, key) {\n  var obj;
\n\n  if (numberFormatKeys.includes(key)) {\n  return Object.assign({}, acc, ( obj = {}, obj[key] = args[0][key], obj ))
\n  }
\n  return acc
\n }, null);
\n  }
\n  } else if (args.length === 2) {\n  if (typeof args[0] === 'string') {\n  key = args[0];
\n  }
\n  if (typeof args[1] === 'string') {\n  locale = args[1];
\n  }
\n  }
\n\n  return this._n(value, locale, key, options)
\n};
\n\nObject.defineProperties( VueI18n.prototype, prototypeAccessors );
\n\nVueI18n.availabilities = {\n  dateTimeFormat: canUseDateTimeFormat,\n  numberFormat: canUseNumberFormat
\n};
\n\nVueI18n.install = install;
\n\nVueI18n.version = '8.4.0';
\n\nexport default VueI18n;
\n\nimport Vue from 'vue'
\nimport VueI18n from 'vue-i18n'
\nVue.use(VueI18n)
\n\nfunction loadLocaleMessages () {\n  const locales = require.context('./locales', true, /[A-Za-z0-9-_,\s]+\.json$/i)
\n  const messages = {}
\n  locales.keys().forEach(key => {\n  const matched =
```

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key.match(/([A-Za-z0-9-_\./\|\\\|/i)\n  if (matched && matched.length > 1) {\n    const locale = matched[1]\n  messages[locale] = locales(key)\n  }\n  })\n  return messages\n}\n\nexport default new Vue118n({\n  locale: process.env.VUE_APP_I18N_LOCALE || 'en',\n  fallbackLocale: process.env.VUE_APP_I18N_FALLBACK_LOCALE || 'en',\n  messages: loadLocaleMessages()\n})\n", "var render = function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _vm._m(0)\n\nvar staticRenderFns = [function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:"content-placeholder"},[_c('div',{staticClass:"content-placeholder__wrapper",style:({backgroundSize: _vm.size })),_vm._l(_vm.formattedRows),function(row,r){return _c('div',{key:r,staticClass:"content-placeholder__wrapper__row",style:({height: row.height})),_vm._l((row.boxes),function(box,b){return _c('div',{key:b,style:(box.style)},[(box.subClass)?_c('div',{class:box.subClass}):_vm._e()])})})})\n\nexport { render, staticRenderFns }", "const DEFAULT_ROWS = [\n  {\n    height: '1em',\n    boxes: [[0, '50%'], ['5%', '30%'], ['5%', '10%']]\n  },\n  {\n    height: '1em',\n    boxes: [[0, '50%'], ['5%', '30%'], ['5%', '10%']]\n  }\n]\n\nexport function isFlexBasis (str) {\n  return Number(str.toString() === str.toString())\n}\n\nexport function isWidth (str) {\n  const cssSuffix = ['px', '%', 'em', 'rem']\n  let checkState = false\n  cssSuffix.forEach(suffix => {\n    if (Number(str.split(suffix)[0]) && str.split(suffix)[1] === " && str.split(suffix).length === 2) {\n      checkState = true\n    }\n  })\n  return checkState\n}\n\nexport function getBoxStyle (left, width, isLast, subClass = 'box') {\n  const arr = []\n  if (left !== 0) {\n    if (isFlexBasis(left)) {\n      arr.push({style: `flex-grow: ${left}; flex-shrink: 0; flex-basis: 0;`, subClass})\n    } else if (isWidth(left)) {\n      arr.push({style: `flex-grow: 0; flex-shrink: 0; flex-basis: ${left};`, subClass})\n    }\n  }\n  if (isFlexBasis(width)) {\n    arr.push({style: `flex-grow: ${width}; flex-shrink: 0; flex-basis: 0;`})\n  } else if (isWidth(width)) {\n    arr.push({style: `flex-grow: 0; flex-shrink: 0; flex-basis: ${width};`})\n  }\n  if (isLast) {\n    arr.push({style: 'flex-grow: 1; flex-shrink: 0; flex-basis: 0;', subClass})\n  }\n  return arr\n}\n\nexport function formatRows (rows = DEFAULT_ROWS, subClass = 'box') {\n  const rowArr = []\n  rows.forEach(row => {\n    let boxArr = []\n    const rowObj = {}\n    // Add height\n    rowObj.height = row.height\n    // Add style\n    row.boxes.forEach((box, index) => {\n      const isLast = index === row.boxes.length - 1\n      boxArr = boxArr.concat(getBoxStyle(box[0], box[1], isLast, subClass))\n    })\n    rowObj.boxes = boxArr\n    rowArr.push(rowObj)\n  })\n  return rowArr\n}\n\nexport default {\n  isFlexBasis,\n  isWidth,\n  getBoxStyle,\n  formatRows\n}\n", "<template>\n  <div class=\"content-placeholder\" v-once>\n    <div class=\"content-placeholder__wrapper\" :style=\"{ backgroundSize: size }\">\n      <div class=\"content-placeholder__wrapper__row\" :style=\"{ height: row.height }\" v-for=\"(row, r) in formattedRows\" :key=\"r\">\n        <div :style=\"box.style\" v-for=\"(box, b) in row.boxes\" :key=\"b\">\n          <div v-if=\"box.subClass\" :class=\"box.subClass\"></div>\n        </div>\n      </div>\n    </div>\n  </div>\n</template>\n</script>\nimport { formatRows } from '../utils/placeholder.js'\n\n/**\n * A component to fill empty spaces with animated placeholders until content is loaded.\n */\nexport default {\n  name: 'ContentPlaceholder',\n  props: {\n    /**\n     * An array of lines describing a series of cell sizes and margin sizes.\n     */\n    rows: {\n      type: Array\n    },\n    /**\n     * The size of the background gradient with the elapsing effect.\n     */\n    size: {\n      type: String,\n      default: '250%'\n    },\n    computed: {\n      formattedRows () {\n        return formatRows(this.rows, 'content-placeholder__wrapper__row__box')\n      }\n    }\n  }\n}\n</script>\n<style scoped lang=\"scss\">\n@import './styles/lib';\n@keyframes placeHolderShimmer{\n  0%{\n    background-position: 100% 0\n  }\n  100%{\n    background-position: -100% 0\n  }\n}\n\n.content-placeholder {\n  overflow: hidden;\n  &__wrapper {\n    animation-duration: 1s;\n    animation-fill-mode: forwards;\n    animation-iteration-count: infinite;\n    animation-name: placeHolderShimmer;\n    animation-timing-function: linear;\n    background: #f6f7f8;\n    background: linear-gradient(to right, #eeeeee 8%, #dddddd 18%, #eeeeee 33%);\n    position: relative;\n  }\n  &__row {\n    width: 100%;\n    box-sizing: border-box;\n    display: flex;\n    flex: 0 1 auto;\n    flex-direction: row;\n    flex-wrap: wrap;\n  }\n  &__box {\n    box-sizing: border-box;\n    position: relative;\n    height: 100%;\n    margin-bottom: 0;\n    background-color: white;\n    overflow: hidden;\n  }\n}\n}\n</style>\n", "import mod from '-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-

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options!./ContentPlaceholder.vue?vue&type=script&lang=js&"; export default mod; export * from \"-
!././node_modules/cache-loader/dist/cjs.js??ref--12-0!././node_modules/thread-
loader/dist/cjs.js!././node_modules/babel-loader/lib/index.js!././node_modules/cache-loader/dist/cjs.js??ref--0-
0!././node_modules/vue-loader/lib/index.js??vue-loader-
options!./ContentPlaceholder.vue?vue&type=script&lang=js&"/ * globals __VUE_SSR_CONTEXT__ *\n\n//
IMPORTANT: Do NOT use ES2015 features in this file (except for modules).\n// This module is a runtime utility
for cleaner component module output and will\n// be included in the final webpack user bundle.\n\nexport default
function normalizeComponent (\n  scriptExports,\n  render,\n  staticRenderFns,\n  functionalTemplate,\n
injectStyles,\n  scopeId,\n  moduleIdentifier, /* server only */\n  shadowMode /* vue-cli only */\n) {\n  //
Vue.extend constructor export interop\n  var options = typeof scriptExports === 'function'\n    ?
scriptExports.options\n    : scriptExports\n\n  // render functions\n  if (render) {\n    options.render = render\n
options.staticRenderFns = staticRenderFns\n    options._compiled = true\n  }\n\n  // functional template\n  if
(functionalTemplate) {\n    options.functional = true\n  }\n\n  // scopedId\n  if (scopeId) {\n    options._scopeId =
'data-v-' + scopeId\n  }\n\n  var hook\n  if (moduleIdentifier) { // server build\n    hook = function (context) {\n
//
2.3 injection\n    context =\n      context || // cached call\n      (this.$vnode && this.$vnode.ssrContext) || //
stateful\n      (this.parent && this.parent.$vnode && this.parent.$vnode.ssrContext) // functional\n      // 2.2 with
runInNewContext: true\n      if (!context && typeof __VUE_SSR_CONTEXT__ !== 'undefined') {\n        context =
__VUE_SSR_CONTEXT__\n      }\n      // inject component styles\n      if (injectStyles) {\n
injectStyles.call(this, context)\n      }\n      // register component module identifier for async chunk inference\n      if
(context && context._registeredComponents) {\n        context._registeredComponents.add(moduleIdentifier)\n
      }\n      }\n      // used by ssr in case component is cached and beforeCreate\n      // never gets called\n
options._ssrRegister = hook\n    } else if (injectStyles) {\n      hook = shadowMode\n      ? function () {\n
injectStyles.call(this, this.$root.$options.shadowRoot)\n      } : injectStyles\n    }\n\n    if (hook) {\n      if
(options.functional) {\n        // for template-only hot-reload because in that case the render fn doesn't\n        // go
through the normalizer\n        options._injectStyles = hook\n        // register for functional component in vue file\n        var
originalRender = options.render\n        options.render = function renderWithStyleInjection (h, context) {\n
hook.call(context)\n          return originalRender(h, context)\n        }\n      } else {\n        // inject component registration as
beforeCreate hook\n        var existing = options.beforeCreate\n        options.beforeCreate = existing\n        ?
[].concat(existing, hook)\n        : [hook]\n      }\n    }\n\n    return {\n      exports: scriptExports,\n      options: options\n
}\n  }\n  },\n  "import { render, staticRenderFns } from
\"./ContentPlaceholder.vue?vue&type=template&id=40e3a912&scoped=true&\""\n  import script from
\"./ContentPlaceholder.vue?vue&type=script&lang=js&\""\n  export * from
\"./ContentPlaceholder.vue?vue&type=script&lang=js&\""\n  import style0 from
\"./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&\""\n\n  /*
normalize component */\n  import normalizer from \"!././node_modules/vue-
loader/lib/runtime/componentNormalizer.js\""\n  var component = normalizer(\n    script,\n    render,\n
staticRenderFns,\n    false,\n    null,\n    \"40e3a912\", \n    null\n  )\n\n  component.options.__file =
\"ContentPlaceholder.vue\""\n  export default component.exports\n  var render = function () { var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:\"donate-form container-fluid py-
2\"},[(!_vm.noTitle)?_c('h2',{staticClass:\"text-uppercase font-weight-bold text-primary h5\"},[_vm._v(\"\\n
\\n+_vm._s(_vm.$t('donate-form.support'))+\"\\n
\\n\")):_vm._e()],_vm._t('introduction\"),[_c('p',{domProps:{\"innerHTML\":_vm._s(_vm.$t('donate-
form.introduction\"))})]),_c('div',{staticClass:\"donate-form__payment mb-4\"},[_c('form',{staticClass:\"donate-
form__payment__form bg-light p-
4\",attrs:{\"action\": \"//checkout.fundjournalism.org/memberform\"},\"method\": \"get\", \"target\": \"_blank\"}),[_c('h3
',{staticClass:\"donate-form__payment__title h5 mb-4\"},[_c('strong',[_vm._v(\"\\n
\\n+_vm._s(_vm.$t('donate-form.join-heading'))+\"\\n
\\n\"))]),_c('div',[_c('span',[_vm._v(_vm._s(_vm.$t('donate-
form.label'))+\" \\n\"))]),_c('label',{staticClass:\"donate-form__payment__unit input-group input-group-sm d-inline-

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flex\"},[_vm._m(0),_c('input',{directives:[{name:\"model\",rawName:\"v-
model\",value:(_vm.amount),expression:\"amount\"}],staticClass:\"donate-form__payment__input form-
control\",attrs:{\"name\": \"amount\", \"type\": \"number\", \"min\": \"0\"},domProps:{\"value\":(_vm.amount)},on:{\"c
hange\":function($event){_vm.amountIsPristine = false},\"input\":function($event){if($event.target.composing){
return; }_vm.amount=$event.target.value } }]),_c('span',{staticClass:\"donate-
form__payment__buttons\"},[_c('button',{staticClass:\"btn btn-sm\",class:{ 'btn-primary': _vm.installmentPeriod
=== 'monthly' },attrs:{\"type\": \"button\"},on:{\"click\":function($event){_vm.installmentPeriod =
'monthly' } }]),_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-form.frequency.monthly'))+\"\\n
\"]),_c('button',{staticClass:\"btn btn-sm\",class:{ 'btn-primary': _vm.installmentPeriod === 'yearly'
},attrs:{\"type\": \"button\"},on:{\"click\":function($event){_vm.installmentPeriod = 'yearly' } }]),_vm._v(\"\\n
\"+_vm._s(_vm.$t('donate-form.frequency.yearly'))+\"\\n      \"]),_c('button',{staticClass:\"btn btn-sm\",class:{
'btn-primary': _vm.installmentPeriod === null
},attrs:{\"type\": \"button\"},on:{\"click\":function($event){_vm.installmentPeriod = null } }]),_vm._v(\"\\n
\"+_vm._s(_vm.$t('donate-form.frequency.onetime'))+\"\\n
\"])])]),(_vm.changeThe)?_c('p',{staticClass:\"mt-2\",domProps:{\"innerHTML\":_vm._s(_vm.$t('donate-
form.result.sentence', { target: _vm.changeThe } ))}):_vm._e(),_c('div',{staticClass:\"mt-
4\"},[_c('input',{attrs:{\"name\": \"org_id\", \"value\": \"icij\", \"type\": \"hidden\" } }]),_c('input',{directives:[{name:\"mo
del\",rawName:\"v-
model\",value:(_vm.installmentPeriod),expression:\"installmentPeriod\"}],attrs:{\"name\": \"installmentPeriod\", \"ty
pe\": \"hidden\"},domProps:{\"value\":(_vm.installmentPeriod)},on:{\"input\":function($event){if($event.target.com
posing){ return; }_vm.installmentPeriod=$event.target.value } }]),_c('button',{staticClass:\"btn btn-primary rounded-
pill text-uppercase font-weight-bold\",attrs:{\"type\": \"submit\" } }]),_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-
form.submit'))+\"\\n      \"))),_c('a',{staticClass:\"donate-
form__payment__image\",attrs:{\"target\": \"_blank\", \"href\": \"https://icij.org/donate\" } }])]),_c('div',{staticClass:\
'donate-form__insider\"},[_c('h2',{staticClass:\"donate-form__insider__title\"},[_vm._v(\"\\n
\"+_vm._s(_vm.$t('donate-form.benefits.heading'))+\"\\n      \"))),_c('p',[_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-
form.benefits.introduction'))+\"\\n      \"))),_c('div',{staticClass:\"donate-form__insider__modal__container
row\"},[_c('div',{staticClass:\"col\"},[_c('h3',{staticClass:\"donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\"},[_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.conversation.heading'))+\"\\n
\"])]),_c('div',{staticClass:\"Article\"},[_c('div',[_c('p',{staticClass:\"donate-form__insider__highlight text-icij font-
weight-bold\"},[_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.conversation.highlight'))+\"\\n      \"))),_c('ul',{staticClass:\"donate-
form__insider__list\"},_vm._l((_vm.$t('donate-form.benefits.impacts.conversation.list')),function(t){return
_c('li',{staticClass:\"donate-form__insider__list-item\"},[_vm._v(\"\\n      \"+_vm._s(t)+\"\\n
\"])])])])]),_c('div',{staticClass:\"col\"},[_c('h3',{staticClass:\"donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\"},[_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.rules.heading'))+\"\\n
\"])]),_c('div',{staticClass:\"Article\"},[_c('div',[_c('p',{staticClass:\"donate-form__insider__highlight text-icij font-
weight-bold\"},[_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-form.benefits.impacts.rules.highlight'))+\"\\n
      \"))),_c('ul',{staticClass:\"donate-form__insider__list\"},_vm._l((_vm.$t('donate-
form.benefits.impacts.rules.list')),function(t){return _c('li',{staticClass:\"donate-form__insider__list-
item\"},[_vm._v(\"\\n      \"+_vm._s(t)+\"\\n
\"])])])])]),_c('div',{staticClass:\"col\"},[_c('h3',{staticClass:\"donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\"},[_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.world.heading'))+\"\\n
\"])]),_c('div',{staticClass:\"Article\"},[_c('div',[_c('p',{staticClass:\"donate-form__insider__highlight text-icij font-
weight-bold\"},[_vm._v(\"\\n      \"+_vm._s(_vm.$t('donate-form.benefits.impacts.world.highlight'))+\"\\n

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    \))],_c('ul',{staticClass:\`donate-form__insider__list\`},_vm._l((\`_vm.$t('donate-
form.benefits.impacts.world.list`)),function(t){return _c('li',{staticClass:\`donate-form__insider__list-
item\`},[_vm._v(\`\\n
        \"+_vm._s(t)+\`\\n
        \`)))])))]),_c('hr',{staticClass:\`donate-
form__insider__separator\`}),_c('div',{staticClass:\`donate-form__insider__more text-
center\`},[_c('a',{staticClass:\`btn btn-primary rounded-pill text-uppercase font-weight-bold py-
2\`,attrs:{\"target\":\`_blank\`,`,\"href\":\`\"https://icij.org/donate\`\"}},[_vm._v(\`\\n
        \"+_vm._s(_vm.$t('donate-
form.benefits.more`)))+\`\\n
        \`)))]))],2)}\nvar staticRenderFns = [function () {var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('span',{staticClass:\`input-group-
prepend\`},[_c('span',{staticClass:\`input-group-text\`},[_vm._v(\`$\`))])])\n\nexport { render, staticRenderFns
}","<template>\n <div class=\`donate-form container-fluid py-2\`>\n <h2 class=\`text-uppercase font-weight-bold
text-primary h5\` v-if=\`!noTitle\`>\n {{ $t('donate-form.support') }}\n </h2>\n <!-- @slot Description of the
form (bellow the title). -->\n <slot name=\`introduction\`>\n <p v-html=\`\"$t('donate-
form.introduction')\`></p>\n </slot>\n <div class=\`donate-form__payment mb-4\`>\n <form
action=\`//checkout.fundjournalism.org/memberform\` method=\`get\` target=\`_blank\` class=\`donate-
form__payment__form bg-light p-4\`>\n <h3 class=\`donate-form__payment__title h5 mb-4\`>\n
<strong>\n {{ $t('donate-form.join-heading') }}\n </strong>\n </h3>\n <div>\n
<span>{{ $t('donate-form.label') }}&nbsp;</span>\n <label class=\`donate-form__payment__unit input-
group input-group-sm d-inline-flex\`>\n <span class=\`input-group-prepend\`>\n <span
class=\`input-group-text\`>${</span>\n </span>\n <input class=\`donate-form__payment__input
form-control\` name=\`amount\` v-model=\`amount\` @change=\`amountIsPristine = false\` type=\`number\`
min=\`0\`>\n </label>\n <span class=\`donate-form__payment__buttons\`>\n <button
type=\`button\` class=\`btn btn-sm\` :class=\`{ 'btn-primary': installmentPeriod === 'monthly' }\`
@click=\`installmentPeriod = 'monthly'\`>\n {{ $t('donate-form.frequency.monthly') }}\n
</button>\n <button type=\`button\` class=\`btn btn-sm\` :class=\`{ 'btn-primary': installmentPeriod ===
'yearly' }\` @click=\`installmentPeriod = 'yearly'\`>\n {{ $t('donate-form.frequency.yearly') }}\n
</button>\n <button type=\`button\` class=\`btn btn-sm\` :class=\`{ 'btn-primary': installmentPeriod ===
null }\` @click=\`installmentPeriod = null\`>\n {{ $t('donate-form.frequency.onetime') }}\n
</button>\n </span>\n </div>\n <p v-if=\`changeThe\` class=\`mt-2\` v-html=\`\"$t('donate-
form.result.sentence', { target: changeThe })\`></p>\n <div class=\`mt-4\`>\n <input name=\`org_id\`
value=\`icij\` type=\`hidden\`>\n <input name=\`installmentPeriod\` v-model=\`installmentPeriod\`
type=\`hidden\`>\n <button type=\`submit\` class=\`btn btn-primary rounded-pill text-uppercase font-weight-
bold\`>\n {{ $t('donate-form.submit') }}\n </button>\n <a target=\`_blank\`
href=\`https://icij.org/donate\` class=\`donate-form__payment__image\`></a>\n </div>\n </form>\n
</div>\n <div class=\`donate-form__insider\`>\n <h2 class=\`donate-form__insider__title\`>\n {{
$t('donate-form.benefits.heading') }}\n </h2>\n <p>\n {{ $t('donate-form.benefits.introduction') }}\n
</p>\n <div class=\`donate-form__insider__modal__container row\`>\n <div class=\`col\`>\n <h3
class=\`donate-form__insider__subtitle text-uppercase font-weight-bold text-primary h5\`>\n {{
$t('donate-form.benefits.impacts.conversation.heading') }}\n </h3>\n <div class=\`Article\`>\n
<div>\n <p class=\`donate-form__insider__highlight text-icij font-weight-bold\`>\n
{{ $t('donate-form.benefits.impacts.conversation.highlight') }}\n </p>\n <ul
class=\`donate-form__insider__list\`>\n <li class=\`donate-form__insider__list-item\` v-for=\`t in
$t('donate-form.benefits.impacts.conversation.list')\`>\n {{ t }}\n </li>\n
</ul>\n </div>\n </div>\n </div>\n </div>\n <div class=\`col\`>\n <h3 class=\`donate-
form__insider__subtitle text-uppercase font-weight-bold text-primary h5\`>\n {{ $t('donate-
form.benefits.impacts.rules.heading') }}\n </h3>\n <div class=\`Article\`>\n <div>\n
<p class=\`donate-form__insider__highlight text-icij font-weight-bold\`>\n {{ $t('donate-
form.benefits.impacts.rules.highlight') }}\n </p>\n <ul class=\`donate-
form__insider__list\`>\n <li class=\`donate-form__insider__list-item\` v-for=\`t in $t('donate-

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form.benefits.impacts.rules.list')\">>\n                {{ t }}\n                </li>\n                </ul>\n
</div>\n        </div>\n        </div>\n        <div class="col">\n        <h3 class="donate-
form__insider__subtitle text-uppercase font-weight-bold text-primary h5">\n                {{ $(('donate-
form.benefits.impacts.world.heading' ) }}\n                </h3>\n                <div class="Article">\n                <div>\n
                <p class="donate-form__insider__highlight text-icij font-weight-bold">\n                {{ $(('donate-
form.benefits.impacts.world.highlight' ) }}\n                </p>\n                <ul class="donate-
form__insider__list">\n                <li class="donate-form__insider__list-item" v-for="t in $(('donate-
form.benefits.impacts.world.list')\">>\n                {{ t }}\n                </li>\n                </ul>\n
</div>\n        </div>\n        </div>\n        </div>\n        <hr class="donate-form__insider__separator">\n        <div
class="donate-form__insider__more text-center">\n        <a target="_blank" href="https://icij.org/donate"
class="btn btn-primary rounded-pill text-uppercase font-weight-bold py-2">\n                {{ $(('donate-
form.benefits.more' ) }}\n        </a>\n        </div>\n        </div>\n        </div>\n</template>\n\n<script>\nimport i18n from
'@/i18n'\nimport keys from 'lodash/keys'\nimport map from 'lodash/map'\nimport sortBy from 'lodash/sortBy'\nimport
forEach from 'lodash/forEach'\nimport config from './config'\n\n/**\n * A form to encourage donations.
We usually put this form inside a modal\n */\nexport default {\n  i18n,\n  name: 'DonateForm',\n  props: {\n
/**\n * Title of the form.\n */\n  noTitle: {\n    type: Boolean\n  },\n  /**\n * Description of the
form (bellow the title).\n */\n  introduction: {\n    type: String,\n    default: () => config.get('donate-
form.introduction')\n  },\n  data() {\n    return {\n      amount: 15,\n      // True if the amount wasn't
changed by the user yet\n      amountIsPristine: true,\n      installmentPeriod: 'monthly',\n      labelForChange: {\n
'monthly': {\n        3: this.$t('donate-form.result.conversation'),\n        15: this.$t('donate-
form.result.rules'),\n        50: this.$t('donate-form.result.world')\n      },\n      'yearly': {\n        35:
this.$t('donate-form.result.conversation'),\n        180: this.$t('donate-form.result.rules'),\n        600:
this.$t('donate-form.result.world')\n      }\n    }\n  },\n  watch: {\n    installmentPeriod
(installmentPeriod) {\n      if (!this.amountIsPristine) {\n        return\n      }\n      if (installmentPeriod ===
'monthly') {\n        this.$set(this, 'amount', 15)\n      } else {\n        this.$set(this, 'amount', 100)\n      }\n
    },\n    computed: {\n      changeThe () {\n        const ranges = this.labelForChange[this.installmentPeriod ||
'yearly'];\n        // Final label\n        let label = null;\n        forEach(sortBy(map(keys(ranges), Number)), amount =>
{\n          label = this.amount >= amount ? ranges[amount] : label;\n        });\n        return label;\n      }\n    }\n  }\n}\n</script>\n\n<style lang="scss">\n  @import './styles/lib.scss';\n\n  .donate-form {\n    font-size: 0.9rem;\n\n
&__payment {\n\n    & &__unit {\n      width: 120px;\n      margin-right: $spacer;\n\n      @media screen and
(max-width: $modal-lg) {\n        width: 100%;\n        flex: 0 0 100%;\n      }\n    }\n  }\n\n  &__insider {\n\n
&__list {\n    padding-left: 20px;\n\n    &-item {\n      position: relative;\n      margin: 3px 0;\n      list-
style: none;\n\n      &:before {\n        content: "\\2713";\n        position: absolute;\n        left: -16px;\n
font-size: 14px;\n        font-weight: 700;\n        color: #333;\n        font-family: $font-family-sans-serif;\n
      }\n    }\n  }\n\n  &__modal__container .col {\n    @media screen and (max-width: $modal-lg) {\n
width: 100%;\n    flex: 0 0 100%;\n  }\n}\n\n</style>\n", "import mod from \"-
!../../node_modules/cache-loader/dist/cjs.js??ref--12-0!../../node_modules/thread-
loader/dist/cjs.js!../../node_modules/babel-loader/lib/index.js!../../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../../node_modules/vue-loader/lib/index.js??vue-loader-options!./DonateForm.vue?vue&type=script&lang=js&";
export default mod; export * from \"-!../../node_modules/cache-loader/dist/cjs.js??ref--12-
0!../../node_modules/thread-loader/dist/cjs.js!../../node_modules/babel-loader/lib/index.js!../../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../../node_modules/vue-loader/lib/index.js??vue-loader-
options!./DonateForm.vue?vue&type=script&lang=js&\"", "import { render, staticRenderFns } from
\"./DonateForm.vue?vue&type=template&id=4fe5468d&\"\"\nimport script from
\"./DonateForm.vue?vue&type=script&lang=js&\"\"\nexport * from
\"./DonateForm.vue?vue&type=script&lang=js&\"\"\nimport style0 from
\"./DonateForm.vue?vue&type=style&index=0&lang=scss&\"\"\n\n/* normalize component */\nimport normalizer
from \"!../../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\n\nvar component = normalizer(\n

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script,\n render,\n staticRenderFns,\n false,\n null,\n null,\n null\n \n)\n\ncomponent.options.__file =
\"DonateForm.vue\"\n\nexport default component.exports", "var render = function () { var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:\"embeddable-footer p-2 text-
nowrap\"}),[_c('a',{staticClass:\"text-white embeddable-
footer__brand\",attrs:{\"href\":_vm.homeUrl,\"target\":_blank}}),[_c('img',{staticClass:\"mr-
2\",attrs:{\"src\":require(\"../assets/images/icij-white@2x.png\"),\"height\":20}),_vm._v(\"\\n
\\+_vm._s(_vm.title)+\\\"\\n \\\")),_c('div',{staticClass:\"embeddable-footer__lead small text-
truncate\",domProps:{\"innerHTML\":_vm._s(_vm.lead)}),_c('button',{staticClass:\"btn btn-link text-white btn-sm
py-0 embeddable-footer__share-btn\",class:{ active: _vm.showShareOptions
},on:{\"click\":function($event){_vm.showShareOptions =
!_vm.showShareOptions}}),[_c('fa',{attrs:{\"icon\":\"share-alt\"}}),_c('span',{staticClass:\"sr-
only\"}),[_vm._v(_vm._s(_vm.$t('embeddable-footer.share'))))]],1),(_vm.showShareOptions)?_c('sharing-
options',{attrs:{\"values\":_vm.sharingOptionsValues,\"direction\":column-reverse,\"iframe-min-
height\":_vm.iframeMinHeight,\"iframe-min-width\":_vm.iframeMinWidth}}):_vm._e(),1)}\n\nvar staticRenderFns
= []\n\nexport { render, staticRenderFns };"/**\n * @this {Promise}\n *^\nfunction finallyConstructor(callback) {\n
var constructor = this.constructor;\n return this.then(\n function(value) {\n return
constructor.resolve(callback()).then(function() {\n return value;\n });\n },\n function(reason) {\n
return constructor.resolve(callback()).then(function() {\n return constructor.reject(reason);\n });\n })\n
);\n\nexport default finallyConstructor;\n", "import promiseFinally from './finally';\n\n// Store setTimeout
reference so promise-polyfill will be unaffected by\n// other code modifying setTimeout (like
sinon.useFakeTimers())\n\nvar setTimeoutFunc = setTimeout;\n\nfunction noop() {\n\n// Polyfill for
Function.prototype.bind\nfunction bind(fn, thisArg) {\n return function() {\n fn.apply(thisArg, arguments);\n
};\n}\n\n/**\n * @constructor\n * @param {Function} fn\n *^\nfunction Promise(fn) {\n if (!(this instanceof
Promise))\n throw new TypeError('Promises must be constructed via new');\n if (typeof fn !== 'function') throw
new TypeError('not a function');\n\n /** @type {!number} *\n this._state = 0;\n\n /** @type {!boolean} *\n
this._handled = false;\n\n /** @type {Promise|undefined} *\n this._value = undefined;\n\n /** @type
{!Array<!Function>} *\n this._deferreds = [];\n\n doResolve(fn, this);\n\nfunction handle(self, deferred) {\n
while (self._state === 3) {\n self = self._value;\n }\n if (self._state === 0) {\n self._deferreds.push(deferred);\n
return;\n }\n self._handled = true;\n Promise._immediateFn(function() {\n var cb = self._state === 1 ?
deferred.onFulfilled : deferred.onRejected;\n if (cb === null) {\n (self._state === 1 ? resolve :
reject)(deferred.promise, self._value);\n return;\n }\n var ret;\n try {\n ret = cb(self._value);\n } catch
(e) {\n reject(deferred.promise, e);\n return;\n }\n resolve(deferred.promise, ret);\n });\n\nfunction
resolve(self, newValue) {\n try {\n // Promise Resolution Procedure: https://github.com/promises-aplus/promises-
spec#the-promise-resolution-procedure\n if (newValue === self)\n throw new TypeError('A promise cannot be
resolved with itself.);\n if ((\n newValue &&\n (typeof newValue === 'object' || typeof newValue ===
'function'))\n ) {\n var then = newValue.then;\n if (newValue instanceof Promise) {\n self._state = 3;\n
self._value = newValue;\n finale(self);\n return;\n } else if (typeof then === 'function') {\n
doResolve(bind(then, newValue), self);\n return;\n }\n }\n self._state = 1;\n self._value = newValue;\n
finale(self);\n } catch (e) {\n reject(self, e);\n }\n\nfunction reject(self, newValue) {\n self._state = 2;\n
self._value = newValue;\n finale(self);\n }\n\nfunction finale(self) {\n if (self._state === 2 &&
self._deferreds.length === 0) {\n Promise._immediateFn(function() {\n if (!self._handled) {\n
Promise._unhandledRejectionFn(self._value);\n }\n });\n }\n\n for (var i = 0, len = self._deferreds.length; i <
len; i++) {\n handle(self, self._deferreds[i]);\n }\n self._deferreds = null;\n\n/**\n * @constructor\n
*^\nfunction Handler(onFulfilled, onRejected, promise) {\n this.onFulfilled = typeof onFulfilled === 'function' ?
onFulfilled : null;\n this.onRejected = typeof onRejected === 'function' ? onRejected : null;\n this.promise =
promise;\n}\n\n/**\n * Take a potentially misbehaving resolver function and make sure\n * onFulfilled and
onRejected are only called once.\n *\n * Makes no guarantees about asynchrony.\n *^\nfunction doResolve(fn, self)
{\n var done = false;\n try {\n fn(\n function(value) {\n if (done) return;\n done = true;\n

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resolve(self, value);\n    },\n    function(reason) {\n        if (done) return;\n        done = true;\n        reject(self,\n        reason);\n    }\n    });\n    } catch (ex) {\n        if (done) return;\n        done = true;\n        reject(self, ex);\n    }\n}\n\nPromise.prototype['catch'] = function(onRejected) {\n    return this.then(null,\n    onRejected);\n};\n\nPromise.prototype.then = function(onFulfilled, onRejected) {\n    // @ts-ignore\n    var prom =\n    new this.constructor(noop);\n\n    handle(this, new Handler(onFulfilled, onRejected, prom));\n    return\n    prom;\n};\n\nPromise.prototype['finally'] = promiseFinally;\n\nPromise.all = function(arr) {\n    return new\n    Promise(function(resolve, reject) {\n        if (!arr || typeof arr.length === 'undefined')\n            throw new\n            TypeError('Promise.all accepts an array');\n        var args = Array.prototype.slice.call(arr);\n        if (args.length === 0)\n            return resolve([]);\n        var remaining = args.length;\n\n        function res(i, val) {\n            try {\n                if (val && (typeof val\n                === 'object' || typeof val === 'function')) {\n                    var then = val.then;\n                    if (typeof then === 'function') {\n                        then.call(\n                            val,\n                            function(val) {\n                                res(i, val);\n                            },\n                            reject\n                        );\n                        return;\n                    }\n                }\n                args[i] = val;\n                if (--remaining === 0) {\n                    resolve(args);\n                }\n            } catch (ex) {\n                reject(ex);\n            }\n        }\n\n        for (var i = 0; i < args.length; i++) {\n            res(i, args[i]);\n        }\n    });\n};\n\nPromise.resolve = function(value) {\n    if (value && typeof value === 'object' && value.constructor ===\n    Promise) {\n        return value;\n    }\n    return new Promise(function(resolve) {\n        resolve(value);\n    });\n};\n\nPromise.reject = function(value) {\n    return new Promise(function(resolve, reject) {\n        reject(value);\n    });\n};\n\nPromise.race = function(values) {\n    return new Promise(function(resolve, reject) {\n        for (var i = 0, len\n        = values.length; i < len; i++) {\n            values[i].then(resolve, reject);\n        }\n    });\n};\n\n// Use polyfill for\n    setImmediate for performance gains\n\nPromise._immediateFn =\n    (typeof setImmediate === 'function' &&\n    function(fn) {\n        setImmediate(fn);\n    }) ||\n    function(fn) {\n        setTimeoutFunc(fn, 0);\n    };\n\nPromise._unhandledRejectionFn = function _unhandledRejectionFn(err) {\n    if (typeof console !== 'undefined'\n    && console) {\n        console.warn('Possible Unhandled Promise Rejection:', err); // eslint-disable-line no-console\n    }\n};\n\nexport default Promise;\n\n", "import memoize from 'lodash/memoize'\nimport flatten from\n    'lodash/flatten'\nimport Promise from 'promise-polyfill';\n\nexport const injectAsset = memoize(function(file) {\n    return new Promise(resolve => {\n        const parent = document.querySelector("body") ||\n        document.querySelector("head");\n        const parts = file.split(".");\n        const ext = parts[parts.length-\n        1].toLowerCase();\n        switch(ext) {\n            case "js":\n                var script = document.createElement('script');\n                script.setAttribute("type", "text/javascript");\n                script.onload = resolve\n                parent.appendChild(script);\n                script.setAttribute("src", file);\n                break;\n            case "css":\n                var css = document.createElement('link');\n                css.setAttribute("rel", "stylesheet");\n                css.setAttribute("type", "text/css");\n                css.onload = resolve\n                parent.appendChild(css);\n                css.setAttribute("href", file);\n                break;\n        }\n    });\n});\n\nexport const\n    injectAssets = function() {\n        const files = flatten(arguments)\n        return new Promise(resolve => {\n            var\n            filesLoaded = 0;\n            var allFilesLoaded = function() {\n                if(++filesLoaded === files.length) {\n                    resolve();\n                }\n            }\n            for(var i=0; i < files.length ; i++) {\n                injectAsset(files[i]).then(allFilesLoaded)\n            }\n        });\n    }, "import every from 'lodash/every'\nimport { injectAssets } from './assets'\n// Will hold the pym instance\n    once\n    var pymChild = null\n    // URL parameters generated by Pym\n    const pymParams = ['initialWidth', 'childId',\n    'parentUrl', 'parentTitle']\n\nexport default class IFrameResizer {\n    constructor () {\n        this.initializer =\n        injectAssets('//pym.nprapps.org/pym.v1.min.js').then(() => {\n            pymChild = pymChild || new\n            window.pym.Child({ polling: 300 })\n            return pymChild\n        })\n        return this.initializer\n    }\n\n    sendHeight () {\n        this.initializer.then(pymChild => pymChild.sendHeight())\n    }\n\n    static create () {\n        return new IFrameResizer()\n    }\n\n    static template(url, id = 'icij-' + Date.now().toString(32)) {\n        return [\n            `<script type="text/javascript"\n            src="https://pym.nprapps.org/pym.v1.min.js"></script>`,\n            `<div id="${id}"></div>`,\n            `<script>`,\n            `var icijIframe = new pym.Parent("${id}", "${IFrameResizer.deletePymParams(url)}", {});`,\n            `</script>`,\n            ].join("\\n")\n    }\n\n    static deletePymParams(href = window.location.href) {\n        const url = new URL(href);\n        //\n        Remove all unwanted param\n        for (let param of pymParams) url.searchParams.delete(param);\n        // Rebuild the\n        URL\n        return url.href\n    }\n\n    static isEmbedded (href = window.location.href) {\n        const url = new URL(href);\n        return every(pymParams, param => url.searchParams.has(param))\n    }\n\n    ", "var render = function () {\n        var\n        _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:"sharing-

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options\",style:(_vm.style)},[_c('social-sharing',_vm._b({inlineTemplate:{render:function(){var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:\\\"sharing-
options__link\\\",attrs:\\\"network\\\":\\\"twitter\\\"}),[_c('fa',{attrs:\\\"icon\\\":['fab','twitter']})),_c('span',{staticClass:\\\"sr-
only\\\"}),[_vm._v(\"Share on Twitter\\\")]),1)},staticRenderFns:[]]},'social-
sharing',_vm.valuesFor('twitter'),false)),_c('social-sharing',_vm._b({inlineTemplate:{render:function(){var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:\\\"sharing-
options__link\\\",attrs:\\\"network\\\":\\\"facebook\\\"}),[_c('fa',{attrs:\\\"icon\\\":['fab',
'facebook']})),_c('span',{staticClass:\\\"sr-only\\\"}),[_vm._v(\"Share on
Facebook\\\")]),1)},staticRenderFns:[]]},'social-sharing',_vm.valuesFor('facebook'),false)),_c('social-
sharing',_vm._b({inlineTemplate:{render:function(){var _vm=this;var _h=_vm.$createElement;var
_c=_vm._self._c||_h;return _c('network',{staticClass:\\\"sharing-
options__link\\\",attrs:\\\"network\\\":\\\"linkedin\\\"}),[_c('fa',{attrs:\\\"icon\\\":['fab',
'linkedin']})),_c('span',{staticClass:\\\"sr-only\\\"}),[_vm._v(\"Share on LinkedIn\\\")]),1)},staticRenderFns:[]]},'social-
sharing',_vm.valuesFor('linkedin'),false)),_c('social-sharing',_vm._b({inlineTemplate:{render:function(){var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:\\\"sharing-
options__link\\\",attrs:\\\"network\\\":\\\"email\\\"}),[_c('fa',{attrs:\\\"icon\\\":\\\"envelope\\\"}),_c('span',{staticClass:\\\"sr-
only\\\"}),[_vm._v(\"Share by email\\\")]),1)},staticRenderFns:[]]},'social-
sharing',_vm.valuesFor('email'),false)),_c('div',{directives:[{name:\\\"show\\\",rawName:\\\"v-
show\\\",value:(!_vm.noEmbed),expression:\\\"!noEmbed\\\"}],staticClass:\\\"sharing-
options__link\\\"}),[_c('a',{on:\\\"click\\\":_vm.showEmbedForm}),[_c('fa',{attrs:\\\"icon\\\":\\\"code\\\"}),_c('span',{static
Class:\\\"sr-only\\\"}),[_vm._v(\"Embed\\\")]),1]),_c('b-modal',{ref:\\\"embedForm\\\",staticClass:\\\"text-
dark\\\",attrs:\\\"hide-footer\\\":\\\"\\\",\\\"title\\\":\\\"Embed on your website\\\"}),[_c('embed-form',{attrs:\\\"no-title\\\":\\\"\\\",\\\"no-
preview\\\":\\\"\\\",\\\"min-height\\\":_vm.iframeMinHeight,\\\"min-width\\\":_vm.iframeMinWidth})),1),1)}\\nvar
staticRenderFns = []\\n\\nexport { render, staticRenderFns }\",var
__assign=function(){return(__assign=Object.assign||function(e){for(var a,s=1,t=arguments.length;s<t;s++)for(var r
in a=arguments[s])Object.prototype.hasOwnProperty.call(a,r)&&(e[r]=a[r]);return
e}).apply(this,arguments)};function mergeData(){for(var e,a,s={ },t=arguments.length;t--;)for(var
r=0,c=Object.keys(arguments[t]);r<c.length;r++)switch(e=c[r]){case\\\"class\\\":case\\\"style\\\":case\\\"directives\\\":Array.i
sArray(s[e])||(s[e]=[]),s[e]=s[e].concat(arguments[t][e]);break;case\\\"staticClass\\\":if(!arguments[t][e])break;void
0===s[e]&&(s[e]=\\\"\\\"),s[e]&&(s[e]+=\\\"
\\\"),s[e]+=arguments[t][e].trim();break;case\\\"on\\\":case\\\"nativeOn\\\":s[e]||(s[e]={ });for(var
n=0,o=Object.keys(arguments[t][e]);n<o.length;n++)a=o[n],s[e][a]?s[e][a]=[]:s[e][a]=arguments[t][e][a];break;case\\\"attrs\\\":case\\\"props\\\":case\\\"domProps\\\":case\\\"scopedSlots\\\":case\\\"staticStyle\\
\\\":case\\\"hook\\\":case\\\"transition\\\":s[e]||(s[e]={ }),s[e]=__assign({ },arguments[t][e],s[e]);break;case\\\"slot\\\":case\\\"key\\
\\\":case\\\"ref\\\":case\\\"tag\\\":case\\\"show\\\":case\\\"keepAlive\\\":default:s[e]||(s[e]=arguments[t][e])}return
s}export{mergeData};\\n\\n// sourceMappingURL=lib.esm.js.map\\n\",/*\\n * Aliasing Object[method] allows the
minifier to shorten methods to a single character variable,\\n * as well as giving BV a chance to inject polyfills.\\n *
As long as we avoid\\n * - import * as Object from \\\"utils/object\\\"\\n * all unused exports should be removed by tree-
shaking.\\n */\\n\\n @link https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Reference/Global_Objects/Object/assign\\nif (typeof Object.assign !== 'function') {\\n
Object.assign = function (target, varArgs) {\\n // .length of function is 2\\n\\n if (target == null) {\\n // TypeError
if undefined or null\\n throw new TypeError('Cannot convert undefined or null to object');\\n }\\n\\n var to =
Object(target);\\n\\n for (var index = 1; index < arguments.length; index++) {\\n var nextSource =
arguments[index];\\n\\n if (nextSource != null) {\\n // Skip over if undefined or null\\n for (var nextKey in
nextSource) {\\n // Avoid bugs when hasOwnProperty is shadowed\\n if
(Object.prototype.hasOwnProperty.call(nextSource, nextKey)) {\\n to[nextKey] = nextSource[nextKey];\\n
} }\\n } }\\n }\\n }\\n return to;\\n };\\n}\\n\\n @link https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Reference/Global_Objects/Object/is#Polyfill\\nif (!Object.is) {\\n Object.is = function (x,

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function concat() {\n return Array.prototype.concat.apply([], arguments);\n}", "export default function identity(x)
{\n return x;\n}", "import { keys } from './object';\nimport { isArray } from './array';\nimport identity from
 './identity';\n\n/**\n * Given an array of properties or an object of property keys,\n * plucks all the values off the
target object.\n * @param {{}|string[]} keysToPluck\n * @param {{}} objToPluck\n * @param {Function}
transformFn\n * @return {{}}\n */\nexport default function pluckProps(keysToPluck, objToPluck) {\n var
transformFn = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : identity;\n\n return
(isArray(keysToPluck) ? keysToPluck.slice() : keys(keysToPluck)).reduce(function (memo, prop) {\n // eslint-
disable-next-line no-sequences\n return memo[transformFn(prop)] = objToPluck[prop], memo;\n },
{});\n}", "import { from as arrayFrom } from './array';\n\n// Determine if an element is an HTML Element\nexport
var isElement = function isElement(el) {\n return el && el.nodeType === Node.ELEMENT_NODE;\n};\n\n//
Determine if an HTML element is visible - Faster than CSS check\nexport var isVisible = function isVisible(el) {\n
return isElement(el) && document.body.contains(el) && el.getBoundingClientRect().height > 0 &&
el.getBoundingClientRect().width > 0;\n};\n\n// Determine if an element is disabled\nexport var isDisabled =
function isDisabled(el) {\n return !isElement(el) || el.disabled || el.classList.contains('disabled') ||
Boolean(el.getAttribute('disabled'));\n};\n\n// Cause/wait-for an element to reflow it's content (adjusting it's
height/width)\nexport var reflow = function reflow(el) {\n // requesting an elements offsetHight will trigger a reflow
of the element content\n return isElement(el) && el.offsetHeight;\n};\n\n// Select all elements matching selector.
Returns [] if none found\nexport var selectAll = function selectAll(selector, root) {\n if (!isElement(root)) {\n root
= document;\n }\n return arrayFrom(root.querySelectorAll(selector));\n};\n\n// Select a single element, returns null
if not found\nexport var select = function select(selector, root) {\n if (!isElement(root)) {\n root = document;\n
}\n return root.querySelector(selector) || null;\n};\n\n// Determine if an element matches a selector\nexport var
matches = function matches(el, selector) {\n if (!isElement(el)) {\n return false;\n }\n\n //
https://developer.mozilla.org/en-US/docs/Web/API/Element/matches#Polyfill\n // Prefer native implementations
over polyfill function\n var proto = Element.prototype;\n var Matches = proto.matches || proto.matchesSelector ||
proto.mozMatchesSelector || proto.msMatchesSelector || proto.oMatchesSelector || proto.webkitMatchesSelector ||\n
/* istanbul ignore next */\n function (sel) {\n var element = this;\n var m = selectAll(sel, element.document ||
element.ownerDocument);\n var i = m.length;\n // eslint-disable-next-line no-empty\n while (--i >= 0 &&
m.item(i) !== element) {\n }\n return i > -1;\n };;\n\n return Matches.call(el, selector);\n};\n\n// Finds closest
element matching selector. Returns null if not found\nexport var closest = function closest(selector, root) {\n if
(!isElement(root)) {\n return null;\n }\n\n // https://developer.mozilla.org/en-
US/docs/Web/API/Element/closest\n // Since we dont support IE < 10, we can use the "Matches" version of the
polyfill for speed\n // Prefer native implementation over polyfill function\n var Closest = Element.prototype.closest
||\n /* istanbul ignore next */\n function (sel) {\n var element = this;\n if
(!document.documentElement.contains(element)) {\n return null;\n }\n do {\n // Use our "patched"
matches function\n if (matches(element, sel)) {\n return element;\n }\n element =
element.parentElement;\n } while (element !== null);\n return null;\n };;\n\n var el = Closest.call(root,
selector);\n // Emulate jQuery closest and return null if match is the passed in element (root)\n return el === root ?
null : el;\n};\n\n// Get an element given an ID\nexport var getById = function getById(id) {\n return
document.getElementById(/^#/.test(id) ? id.slice(1) : id) || null;\n};\n\n// Add a class to an element\nexport var
addClass = function addClass(el, className) {\n if (className && isElement(el)) {\n
el.classList.add(className);\n }\n};\n\n// Remove a class from an element\nexport var removeClass = function
removeClass(el, className) {\n if (className && isElement(el)) {\n el.classList.remove(className);\n
}\n};\n\n// Test if an element has a class\nexport var hasClass = function hasClass(el, className) {\n if (className
&& isElement(el)) {\n return el.classList.contains(className);\n }\n return false;\n};\n\n// Set an attribute on an
element\nexport var setAttr = function setAttr(el, attr, value) {\n if (attr && isElement(el)) {\n el.setAttribute(attr,
value);\n }\n};\n\n// Remove an attribute from an element\nexport var removeAttr = function removeAttr(el, attr)
{\n if (attr && isElement(el)) {\n el.removeAttribute(attr);\n }\n};\n\n// Get an attribute value from an element
(returns null if not found)\nexport var getAttr = function getAttr(el, attr) {\n if (attr && isElement(el)) {\n return

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el.getAttribute(attr);\n } \n return null;\n};\n\n// Determine if an attribute exists on an element (returns true or false,
or null if element not found)\nexport var hasAttr = function hasAttr(el, attr) {\n if (attr && isElement(el)) {\n
return el.hasAttribute(attr);\n } \n return null;\n};\n\n// Return the Bounding Client Rec of an element. Returns null
if not an element\nexport var getBCR = function getBCR(el) {\n return isElement(el) ? el.getBoundingClientRect()
: null;\n};\n\n// Get computed style object for an element\nexport var getCS = function getCS(el) {\n return
isElement(el) ? window.getComputedStyle(el) : {};\n};\n\n// Return an element's offset wrt document element\n//
https://j11y.io/jquery/#v=git&fn=jQuery.fn.offset\nexport var offset = function offset(el) {\n if (isElement(el)) {\n
if (!el.getClientRects().length) {\n return { top: 0, left: 0 };\n } \n var bcr = getBCR(el);\n var win =
el.ownerDocument.defaultView;\n return {\n top: bcr.top + win.pageYOffset,\n left: bcr.left +
win.pageXOffset\n }; \n } \n};\n\n// Return an element's offset wrt to it's offsetParent\n//
https://j11y.io/jquery/#v=git&fn=jQuery.fn.position\nexport var position = function position(el) {\n if
(!isElement(el)) {\n return;\n } \n var parentOffset = { top: 0, left: 0 };\n var offsetSelf = void 0;\n var
offsetParent = void 0;\n if (getCS(el).position === 'fixed') {\n offsetSelf = getBCR(el);\n } else {\n offsetSelf =
offset(el);\n var doc = el.ownerDocument;\n offsetParent = el.offsetParent || doc.documentElement;\n while
(offsetParent && (offsetParent === doc.body || offsetParent === doc.documentElement) &&
getCS(offsetParent).position === 'static') {\n offsetParent = offsetParent.parentNode;\n } \n if (offsetParent
&& offsetParent !== el && offsetParent.nodeType === Node.ELEMENT_NODE) {\n parentOffset =
offset(offsetParent);\n parentOffset.top += parseFloat(getCS(offsetParent).borderTopWidth);\n
parentOffset.left += parseFloat(getCS(offsetParent).borderLeftWidth);\n } \n } \n return {\n top: offsetSelf.top -
parentOffset.top - parseFloat(getCS(el).marginTop),\n left: offsetSelf.left - parentOffset.left -
parseFloat(getCS(el).marginLeft)\n }; \n};\n\n// Attach an event listener to an element\nexport var eventOn =
function eventOn(el, evtName, handler) {\n if (el && el.addEventListener) {\n el.addEventListener(evtName,
handler);\n } \n};\n\n// Remove an event listener from an element\nexport var eventOff = function eventOff(el,
evtName, handler) {\n if (el && el.removeEventListener) {\n el.removeEventListener(evtName, handler);\n
} \n};\n";\n\nvar _typeof = typeof Symbol === "function" && typeof Symbol.iterator === "symbol" ? function (obj) {
return typeof obj; } : function (obj) { return obj && typeof Symbol === "function" && obj.constructor ===
Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj; };\n\nimport { assign, keys } from
'../utils/object';\nimport { arrayIncludes, concat } from '../utils/array';\nimport { mergeData } from 'vue-
functional-data-merge';\n\n/**\n * The Link component is used in many other BV components.\n * As such, sharing
its props makes supporting all its features easier.\n * However, some components need to modify the defaults for
their own purpose.\n * Prefer sharing a fresh copy of the props to ensure mutations\n * do not affect other
component references to the props.\n */\n * https://github.com/vuejs/vue-router/blob/dev/src/components/link.js\n *
@return {{}}\n */\nexport function propsFactory() {\n return {\n href: {\n type: String,\n default: null\n
},\n rel: {\n type: String,\n default: null\n },\n target: {\n type: String,\n default: '_self'\n },\n
active: {\n type: Boolean,\n default: false\n },\n activeClass: {\n type: String,\n default: 'active'\n
},\n append: {\n type: Boolean,\n default: false\n },\n disabled: {\n type: Boolean,\n default:
false\n },\n event: {\n type: [String, Array],\n default: 'click'\n },\n exact: {\n type: Boolean,\n
default: false\n },\n exactActiveClass: {\n type: String,\n default: 'active'\n },\n replace: {\n type:
Boolean,\n default: false\n },\n routerTag: {\n type: String,\n default: 'a'\n },\n to: {\n type:
[String, Object],\n default: null\n } \n}; \n}\n\nexport var props = propsFactory();\n\nexport function
pickLinkProps(propsToPick) {\n var freshLinkProps = propsFactory();\n // Normalize everything to array.\n
propsToPick = concat(propsToPick);\n\n return keys(freshLinkProps).reduce(function (memo, prop) {\n if
(arrayIncludes(propsToPick, prop)) {\n memo[prop] = freshLinkProps[prop];\n } \n\n return memo;\n },
{});\n}\n\nexport function omitLinkProps(propsToOmit) {\n var freshLinkProps = propsFactory();\n // Normalize
everything to array.\n propsToOmit = concat(propsToOmit);\n\n return keys(props).reduce(function (memo, prop)
{\n if (!arrayIncludes(propsToOmit, prop)) {\n memo[prop] = freshLinkProps[prop];\n } \n\n return
memo;\n }, {});\n}\n\nexport var computed = {\n linkProps: function linkProps() {\n var linkProps = {};\n var
propKeys = keys(props);\n for (var i = 0; i < propKeys.length; i++) {\n var prop = propKeys[i];\n //

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Computed Vue getters are bound to the instance.\n    linkProps[prop] = this[prop];\n    }\n\n    return linkProps;\n  }\n};\n\nfunction computeTag(props, parent) {\n  return Boolean(parent.$router) && props.to && !props.disabled ?\n  'router-link' : 'a';\n}\n\nfunction computeHref(_ref, tag) {\n  var disabled = _ref.disabled,\n      href = _ref.href,\n      to = _ref.to;\n\n  // We've already checked the parent.$router in computeTag,\n  // so router-link means live router.\n  // When deferring to Vue Router's router-link,\n  // don't use the href attr at all.\n  // Must return undefined for router-link\n  // to populate href.\n  if (tag === 'router-link') return void 0;\n  // If href explicitly provided\n  if (href) return href;\n  // Reconstruct href when `to` used, but no router\n  if (to) {\n    // Fallback to `to` prop (if `to` is a string)\n    if (typeof to === 'string') return to;\n    // Fallback to `to.path` prop (if `to` is an object)\n    if ((typeof to === 'undefined' ? 'undefined' : _typeof(to)) === 'object' && typeof to.path === 'string') return to.path;\n  }\n  // If nothing is provided use `#`\n  return '#';\n}\n\nfunction computeRel(_ref2) {\n  var target = _ref2.target,\n      rel = _ref2.rel;\n\n  if (target === '_blank' && rel === null) {\n    return 'noopener';\n  }\n  return rel || null;\n}\n\nfunction clickHandlerFactory(_ref3) {\n  var disabled = _ref3.disabled,\n      tag = _ref3.tag,\n      href = _ref3.href,\n      suppliedHandler = _ref3.suppliedHandler,\n      parent = _ref3.parent;\n\n  var isRouterLink = tag === 'router-link';\n\n  return function onClick(e) {\n    if (disabled && e instanceof Event) {\n      // Stop event from bubbling up.\n      e.stopPropagation();\n      // Kill the event loop attached to this specific EventTarget.\n      e.stopImmediatePropagation();\n    } else {\n      parent.$root.$emit('clicked:link', e);\n\n      if (isRouterLink && e.target.__vue__) {\n        e.target.__vue__.$emit('click', e);\n      }\n\n      if (typeof suppliedHandler === 'function') {\n        suppliedHandler.apply(undefined, arguments);\n      }\n\n      if (!isRouterLink && href === '#' || disabled) {\n        // Stop scroll-to-top behavior or navigation.\n        e.preventDefault();\n      }\n    }\n  }\n}\n\nexport default {\n  functional: true,\n  props: propsFactory(),\n  render: function render(h, _ref4) {\n    var props = _ref4.props,\n        data = _ref4.data,\n        parent = _ref4.parent,\n        children = _ref4.children;\n\n    var tag = computeTag(props, parent);\n    var rel = computeRel(props);\n    var href = computeHref(props, tag);\n    var eventType = tag === 'router-link' ? 'nativeOn' : 'on';\n    var suppliedHandler = (data[eventType] || {}).click;\n    var handlers = { click: clickHandlerFactory({ tag: tag, href: href, disabled: props.disabled, suppliedHandler: suppliedHandler, parent: parent }) };\n\n    var componentData = mergeData(data, {\n      class: [props.active ? props.exact ? props.exactActiveClass : props.activeClass : null, { disabled: props.disabled }],\n      attrs: {\n        rel: rel,\n        href: href,\n        target: props.target,\n        tabindex: props.disabled ? '-1' : data.attrs ? data.attrs.tabindex : null,\n        'aria-disabled': tag === 'a' && props.disabled ? 'true' : null\n      },\n      props: assign(props, { tag: props.routerTag })\n    });\n\n    // If href prop exists on router-link (even undefined or null) it fails working on SSR\n    if (!componentData.attrs.href) {\n      delete componentData.attrs.href;\n    }\n\n    // We want to overwrite any click handler since our callback\n    // will invoke the supplied handler if !props.disabled\n    componentData[eventType] = assign(componentData[eventType] || {}, handlers);\n\n    return h(tag, componentData, children);\n  }\n};\n\nfunction _defineProperty(obj, key, value) {\n  if (key in obj) {\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable: true\n    });\n  } else {\n    obj[key] = value;\n  }\n  return obj;\n}\n\nimport { mergeData } from 'vue-functional-data-merge';\nimport pluckProps from '../utils/pluck-props';\nimport { concat } from '../utils/array';\nimport { assign, keys } from '../utils/object';\nimport { addClass, removeClass } from '../utils/dom';\nimport Link, { propsFactory as linkPropsFactory } from './link/link';\n\nvar btnProps = {\n  block: {\n    type: Boolean,\n    default: false\n  },\n  disabled: {\n    type: Boolean,\n    default: false\n  },\n  size: {\n    type: String,\n    default: null\n  },\n  variant: {\n    type: String,\n    default: null\n  },\n  type: {\n    type: String,\n    default: 'button'\n  },\n  pressed: {\n    // tri-state prop: true, false or null\n    // => on, off, not a toggle\n    type: Boolean,\n    default: null\n  }\n};\n\nvar linkProps = linkPropsFactory();\ndelete linkProps.href.default;\ndelete linkProps.to.default;\nvar linkPropKeys = keys(linkProps);\n\nexport var props = assign(linkProps, btnProps);\n\nfunction handleFocus(evt) {\n  if (evt.type === 'focusin') {\n    addClass(evt.target, 'focus');\n  } else if (evt.type === 'focusout') {\n    removeClass(evt.target, 'focus');\n  }\n}\n\nexport default {\n  functional: true,\n  props: props,\n  render: function render(h, _ref) {\n    var _ref2;\n\n    var props = _ref.props,\n        data = _ref.data,\n        listeners = _ref.listeners,\n        children = _ref.children;\n\n    var isLink = Boolean(props.href || props.to);\n    var isToggle = typeof props.pressed === 'boolean';\n    var on = {\n      click: function click(e) {\n        if (props.disabled && e instanceof Event) {\n          e.stopPropagation();\n          e.preventDefault();\n        } else if

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(isToggle) {\n      // Concat will normalize the value to an array\n      // without double wrapping an array value
in an array.\n      concat(listeners['update:pressed']).forEach(function (fn) {\n      if (typeof fn === 'function')
{\n      fn(!props.pressed);\n      }\n      });\n      }\n      }\n      }\n      }\n\n      if (isToggle) {\n      on:focusin =
handleFocus;\n      on:focusout = handleFocus;\n      }\n\n      var componentData = {\n      staticClass: 'btn',\n      class:
[props.variant ? 'btn-' + props.variant : 'btn-secondary', (_ref2 = {}, _defineProperty(_ref2, 'btn-' + props.size,
Boolean(props.size)), _defineProperty(_ref2, 'btn-block', props.block), _defineProperty(_ref2, 'disabled',
props.disabled), _defineProperty(_ref2, 'active', props.pressed), _ref2)],\n      props: isLink ?
pluckProps(linkPropKeys, props) : null,\n      attrs: {\n      type: isLink ? null : props.type,\n      disabled: isLink ?
null : props.disabled,\n      // Data attribute not used for js logic,\n      // but only for BS4 style selectors.\n      'data-toggle': isToggle ? 'button' : null,\n      'aria-pressed': isToggle ? String(props.pressed) : null,\n      // Tab
index is used when the component becomes a link.\n      // Links are tabable, but don't allow disabled,\n      // so
we mimic that functionality by disabling tabbing.\n      tabindex: props.disabled && isLink ? '-1' : data.attrs ?
data.attrs['tabindex'] : null\n      },\n      on: on\n      });\n\n      return h(isLink ? Link : 'button', mergeData(data,
componentData), children);\n      }\n      },"function _defineProperty(obj, key, value) { if (key in obj) {
Object.defineProperty(obj, key, { value: value, enumerable: true, configurable: true, writable: true }); } else {
obj[key] = value; } return obj; }\n\nimport { mergeData } from 'vue-functional-data-merge';\n\nvar props = {\n
disabled: {\n type: Boolean,\n default: false\n },\n ariaLabel: {\n type: String,\n default: 'Close'\n },\n
textVariant: {\n type: String,\n default: null\n }\n};\n\nexport default {\n functional: true,\n props: props,\n
render: function render(h, _ref) {\n var props = _ref.props,\n data = _ref.data,\n listeners =
_ref.listeners,\n slots = _ref.slots;\n\n var componentData = {\n staticClass: 'close',\n class:
_defineProperty({}, 'text-' + props.textVariant, props.textVariant),\n attrs: {\n type: 'button',\n disabled:
props.disabled,\n 'aria-label': props.ariaLabel ? String(props.ariaLabel) : null\n },\n on: {\n click:
function click(e) {\n // Ensure click on button HTML content is also disabled\n if (props.disabled && e
instanceof Event) {\n e.stopPropagation();\n e.preventDefault();\n }\n }\n }\n }\n\n //
Careful not to override the slot with innerHTML\n };if (!slots().default) {\n componentData.domProps = {
innerHTML: '&times;'; }\n }\n return h('button', mergeData(data, componentData), slots().default);\n
}\n};","/*\n * SSR Safe Client Side ID attribute generation\n *\n\nexport default {\n props: {\n id: {\n
type: String,\n default: null\n }\n },\n methods: {\n safeId: function safeId() {\n var suffix =
arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : "";\n\n var id = this.id || this.localId_ ||
null;\n\n if (!id) {\n return null;\n }\n\n suffix = String(suffix).replace(/\\s+/, '_');\n return suffix ? id +
'_' + suffix : id;\n }\n },\n computed: {\n localId_: function localId_() {\n if (!this.$isServer && !this.id &&
typeof this._uid !== 'undefined') {\n return '__BVID__' + this._uid;\n }\n }\n }\n};","function
_toConsumableArray(arr) { if (Array.isArray(arr)) { for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) {
arr2[i] = arr[i]; } return arr2; } else { return Array.from(arr); } }\n\nimport { isArray } from './utils/array';\n\n/**\n *
Issue #569: collapse::toggle::state triggered too many times\n * @link https://github.com/bootstrap-vue/bootstrap-
vue/issues/569\n *\n\nvar BVRL = '__BV_root_listeners__';\n\nexport default {\n methods: {\n /**\n *
Safely register event listeners on the root Vue node.\n * While Vue automatically removes listeners for
individual components,\n * when a component registers a listener on root and is destroyed,\n * this
orphans a callback because the node is gone,\n * but the root does not clear the callback.\n *\n * This
adds a non-reactive prop to a vm on the fly\n * in order to avoid object observation and its performance costs\n
* to something that needs no reactivity.\n * It should be highly unlikely there are any naming collisions.\n
*\n * @param {string} event\n * @param {function} callback\n * @chainable\n *\n\nlistenOnRoot:
function listenOnRoot(event, callback) {\n if (!this[BVRL] || !isArray(this[BVRL])) {\n this[BVRL] = [];\n
}\n\n this[BVRL].push({ event: event, callback: callback });\n\n this.$root.$on(event, callback);\n\n return
this;\n },\n\n /**\n * Convenience method for calling vm.$emit on vm.$root.\n * @param {string}
event\n * @param {*} args\n * @chainable\n *\n\nemitOnRoot: function emitOnRoot(event) {\n
var _$root;\n\n for (var _len = arguments.length, args = Array(_len > 1 ? _len - 1 : 0), _key = 1; _key < _len;
_key++) {\n args[_key - 1] = arguments[_key];\n }\n\n (_$root = this.$root).$emit.apply(_$root,

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[event].concat(_toConsumableArray(args));\n  return this;\n  }\n },\n\n beforeDestroy: function
beforeDestroy() {\n  if (this[BVRL] && isArray(this[BVRL])) {\n    while (this[BVRL].length > 0) {\n      //
shift to process in order\n      var _BVRL$shift = this[BVRL].shift(),\n          event = _BVRL$shift.event,\n          callback = _BVRL$shift.callback;\n      this.$root.$off(event, callback);\n    }\n  }\n  };\n  },"import { assign }
from './object';\nimport { isElement } from './utils/dom';\n\n/**\n * Observe a DOM element changes, falls back to
eventListener mode\n * @param {Element} el The DOM element to observe\n * @param {Function} callback
callback to be called on change\n * @param {object} [opts={childList: true, subtree: true}] observe options\n *
@see http://stackoverflow.com/questions/3219758\n * ^\nexport default function observeDOM(el, callback, opts) {\n
var MutationObserver = window.MutationObserver || window.WebKitMutationObserver ||
window.MozMutationObserver;\n  var eventListenerSupported = window.addEventListener;\n\n  // Handle case
where we might be passed a vue instance\n  el = el ? el.$el || el : null;\n  /* istanbul ignore next: difficult to test in
JSDOM *\n  if (!isElement(el)) {\n    // We can't observe something that isn't an element\n    return null;\n  }\n\n  var
obs = null;\n  /* istanbul ignore next: difficult to test in JSDOM *\n  if (MutationObserver) {\n    // Define a new
observer\n    obs = new MutationObserver(function (mutations) {\n      var changed = false;\n      // A Mutation can
contain several change records, so we loop through them to see what has changed.\n      // We break out of the loop
early if any \"significant\" change has been detected\n      for (var i = 0; i < mutations.length && !changed; i++) {\n
        // The mutation record\n        var mutation = mutations[i];\n        // Mutation Type\n        var type =
mutation.type;\n        // DOM Node (could be any DOM Node type - HTMLInputElement, Text, comment, etc)\n        var
target = mutation.target;\n        if (type === 'characterData' && target.nodeType === Node.TEXT_NODE) {\n
// We ignore nodes that are not TEXT (i.e. comments, etc) as they don't change layout\n          changed = true;\n
        }\n        else if (type === 'attributes') {\n          changed = true;\n        }\n        else if (type === 'childList' &&
(mutation.addedNodes.length > 0 || mutation.removedNodes.length > 0)) {\n          // This includes HTMLInputElement
and Text Nodes being added/removed/re-arranged\n          changed = true;\n        }\n        }\n        if (changed) {\n
// We only call the callback if a change that could affect layout/size truly happened.\n          callback();\n        }\n
      });\n\n      // Have the observer observe foo for changes in children, etc\n      obs.observe(el, assign({ childList: true,
subtree: true }, opts));\n    }\n  } else if (eventListenerSupported) {\n    // Legacy interface. most likely not used in modern
browsers\n    el.addEventListener('DOMNodeInserted', callback, false);\n    el.addEventListener('DOMNodeRemoved', callback, false);\n  }\n\n  // We return a reference to the observer so that
obs.disconnect() can be called if necessary\n  // To reduce overhead when the root element is hidden\n  return
obs;\n  },"/**\n * Log a warning message to the console with bootstrap-vue formatting sugar.\n * @param {string}
message\n * ^\n/* istanbul ignore next *\nfunction warn(message) {\n  console.warn(\"[Bootstrap-Vue warn]: \" +
message);\n}\n\nexport default warn;","/**\n * Key Codes (events)\n * ^\nexport default {\n  SPACE: 32,\n  ENTER: 13,\n  ESC: 27,\n  LEFT: 37,\n  UP: 38,\n  RIGHT: 39,\n  DOWN: 40,\n  PAGEUP: 33,\n  PAGEDOWN:
34,\n  HOME: 36,\n  END: 35\n};","var _createClass = function () { function defineProperties(target, props) { for
(var i = 0; i < props.length; i++) { var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false;
descriptor.configurable = true; if (!\"value\" in descriptor) descriptor.writable = true; Object.defineProperty(target,
descriptor.key, descriptor); } } return function (Constructor, protoProps, staticProps) { if (protoProps)
defineProperties(Constructor.prototype, protoProps); if (staticProps) defineProperties(Constructor, staticProps);
return Constructor; }; }();\n\nfunction _classCallCheck(instance, Constructor) { if (!(instance instanceof
Constructor)) { throw new TypeError(\"Cannot call a class as a function\"); } }\n\nimport { assign, defineProperty,
defineProperties, readonlyDescriptor } from './utils/object';\n\nvar BvEvent = function () {\n  function
BvEvent(type) {\n    var eventInit = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n\n    _classCallCheck(this, BvEvent);\n\n    // Start by emulating native Event constructor.\n    if (!type) {\n      throw new
TypeError(\"Failed to construct \" + this.constructor.name + \"\": 1 argument required, ' + arguments.length + '
given.\");\n    }\n    // Assign defaults first, the eventInit,\n    // and the type last so it can't be overwritten.\n    assign(this, BvEvent.defaults(), eventInit, { type: type });\n    // Freeze some props as readonly, but leave them
enumerable.\n    defineProperties(this, {\n      type: readonlyDescriptor(),\n      cancelable: readonlyDescriptor(),\n      nativeEvent: readonlyDescriptor(),\n      target: readonlyDescriptor(),\n      relatedTarget: readonlyDescriptor(),\n

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vueTarget: readonlyDescriptor()\n  });\n  // Create a private variable using closure scoping.\n  var
defaultPrevented = false;\n  // Recreate preventDefault method. One way setter.\n  this.preventDefault = function
preventDefault() {\n    if (this.cancelable) {\n      defaultPrevented = true;\n    }\n  });\n  // Create
'defaultPrevented' publicly accessible prop\n  // that can only be altered by the preventDefault method.\n  defineProperty(this, 'defaultPrevented', {\n    enumerable: true,\n    get: function get() {\n      return
defaultPrevented;\n    }\n  });\n  }\n  _createClass(BvEvent, null, [{\n    key: 'defaults',\n    value: function
defaults() {\n      return {\n        type: "",\n        cancelable: true,\n        nativeEvent: null,\n        target: null,\n
relatedTarget: null,\n        vueTarget: null\n      };\n    }\n  });\n  return BvEvent;\n})();\n\nexport default
BvEvent;"",function _defineProperty(obj, key, value) { if (key in obj) { Object.defineProperty(obj, key, { value:
value, enumerable: true, configurable: true, writable: true }); } else { obj[key] = value; } return obj; }\n\nimport
bBtn from './button/button';\nimport bBtnClose from './button/button-close';\nimport idMixin from
'./../mixins/id';\nimport listenOnRootMixin from './../mixins/listen-on-root';\nimport observeDom from
'./../utils/observe-dom';\nimport warn from './../utils/warn';\nimport KeyCodes from './../utils/key-codes';\nimport
BvEvent from './../utils/bv-event.class';\nimport { isVisible, selectAll, select, getBCR, addClass, removeClass,
hasClass, setAttr, removeAttr, getAttr, hasAttr, eventOn, eventOff } from './../utils/dom';\n\n// Selectors for
padding/margin adjustments\nvar Selector = {\n  FIXED_CONTENT: '.fixed-top, .fixed-bottom, .is-fixed, .sticky-
top',\n  STICKY_CONTENT: '.sticky-top',\n  NAVBAR_TOGGLER: '.navbar-toggler'\n}\n\n// ObserveDom
config\n};\nvar OBSERVER_CONFIG = {\n  subtree: true,\n  childList: true,\n  characterData: true,\n  attributes:
true,\n  attributeFilter: ['style', 'class']\n};\n\nexport default {\n  mixins: [idMixin, listenOnRootMixin],\n
components: { bBtn: bBtn, bBtnClose: bBtnClose },\n  render: function render(h) {\n    var _this = this;\n\n    var
$slots = this.$slots;\n    // Modal Header\n    var header = h(false);\n    if (!this.hideHeader) {\n      var modalHeader
= $slots['modal-header'];\n      if (!modalHeader) {\n        var closeButton = h(false);\n        if
(!this.hideHeaderClose) {\n          closeButton = h('b-btn-close', {\n            props: {\n              disabled:
this.is_transitioning,\n              ariaLabel: this.headerCloseLabel,\n              textVariant: this.headerTextVariant\n
            },\n            on: {\n              click: function click(evt) {\n                _this.hide('header-close');\n
              }\n            }, [$slots['modal-header-close']]);\n        }\n        modalHeader = [h(this.titleTag, { class: ['modal-title'] },
[$slots['modal-title'] || this.title]), closeButton];\n      }\n      header = h('header', {\n        ref: 'header',\n        class:
this.headerClasses,\n        attrs: { id: this.safeId('__BV_modal_header_') }\n      }, [modalHeader]);\n    }\n    //
Modal Body\n    var body = h('div', {\n      ref: 'body',\n      class: this.bodyClasses,\n      attrs: { id:
this.safeId('__BV_modal_body_') }\n    }, [$slots.default]);\n    // Modal Footer\n    var footer = h(false);\n    if
(!this.hideFooter) {\n      var modalFooter = $slots['modal-footer'];\n      if (!modalFooter) {\n        var cancelButton
= h(false);\n        if (!this.okOnly) {\n          cancelButton = h('b-btn', {\n            props: {\n              variant:
this.cancelVariant,\n              size: this.buttonSize,\n              disabled: this.cancelDisabled || this.busy ||
this.is_transitioning\n            },\n            on: {\n              click: function click(evt) {\n                _this.hide('cancel');\n
              }\n            }, [$slots['modal-cancel'] || this.cancelTitle]);\n        }\n        var okButton = h('b-btn', {\n
          props: {\n            variant: this.okVariant,\n            size: this.buttonSize,\n            disabled: this.okDisabled ||
this.busy || this.is_transitioning\n          },\n          on: {\n            click: function click(evt) {\n
              _this.hide('ok');\n            }\n          }, [$slots['modal-ok'] || this.okTitle]);\n        modalFooter = [cancelButton,
okButton];\n      }\n      footer = h('footer', {\n        ref: 'footer',\n        class: this.footerClasses,\n        attrs: { id:
this.safeId('__BV_modal_footer_') }\n      }, [modalFooter]);\n    }\n    // Assemble Modal Content\n    var
modalContent = h('div', {\n      ref: 'content',\n      class: ['modal-content'],\n      attrs: {\n        tabindex: '-1',\n
        role: 'document',\n        'aria-labelledby': this.hideHeader ? null : this.safeId('__BV_modal_header_'),\n        'aria-
describedby': this.safeId('__BV_modal_body_')\n      },\n      on: {\n        focusout: this.onFocusout,\n        click:
function click(evt) {\n          evt.stopPropagation();\n          // https://github.com/bootstrap-vue/bootstrap-
vue/issues/1528\n          _this.$root.$emit('bv::dropdown::shown');\n        }\n      }, [header, body, footer];\n    }\n    // Modal Dialog wrapper\n    var modalDialog = h('div', { class: this.dialogClasses }, [modalContent]);\n    //
Modal\n    var modal = h('div', {\n      ref: 'modal',\n      class: this.modalClasses,\n      directives: [{\n        name:
'show',\n        rawName: 'v-show',\n        value: this.is_visible,\n        expression: 'is_visible'\n      }],\n      attrs: {\n

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id: this.safeId(),\n    role: 'dialog',\n    'aria-hidden': this.is_visible ? null : 'true'\n    },\n    on: {\n    click:
this.onClickOut,\n    keydown: this.onEsc\n    }\n    }, [modalDialog]);\n    // Wrap modal in transition\n    modal
= h('transition', {\n    props: {\n    enterClass: ",\n    enterToClass: ",\n    enterActiveClass: ",\n
leaveClass: ",\n    leaveActiveClass: ",\n    leaveToClass: "\n    },\n    on: {\n    'before-enter':
this.onBeforeEnter,\n    enter: this.onEnter,\n    'after-enter': this.onAfterEnter,\n    'before-leave':
this.onBeforeLeave,\n    leave: this.onLeave,\n    'after-leave': this.onAfterLeave\n    }\n    }, [modal]);\n    //
Modal Backdrop\n    var backdrop = h(false);\n    if (!this.hideBackdrop && (this.is_visible || this.is_transitioning))
{\n    backdrop = h('div', {\n    class: this.backdropClasses,\n    attrs: { id:
this.safeId('__BV_modal_backdrop_') }\n    });\n    }\n    // Assemble modal and backdrop\n    var outer =
h(false);\n    if (!this.is_hidden) {\n    outer = h('div', { attrs: { id: this.safeId('__BV_modal_outer_') } }, [modal,
backdrop]);\n    }\n    // Wrap in DIV to maintain thi.$el reference for hide/show method access\n    return h('div', { },
[outer]);\n    },\n    data: function data() {\n    return {\n    is_hidden: this.lazy || false,\n    is_visible: false,\n
is_transitioning: false,\n    is_show: false,\n    is_block: false,\n    scrollbarWidth: 0,\n    isBodyOverflowing:
false,\n    return_focus: this.returnFocus || null\n    };\n    },\n    model: {\n    prop: 'visible',\n    event: 'change'\n
},\n    props: {\n    title: {\n    type: String,\n    default: "\n    },\n    titleTag: {\n    type: String,\n    default: 'h5'\n
},\n    size: {\n    type: String,\n    default: 'md'\n    },\n    centered: {\n    type: Boolean,\n    default: false\n
},\n    buttonSize: {\n    type: String,\n    default: "\n    },\n    noFade: {\n    type: Boolean,\n    default: false\n
},\n    noCloseOnBackdrop: {\n    type: Boolean,\n    default: false\n    },\n    noCloseOnEsc: {\n    type:
Boolean,\n    default: false\n    },\n    noEnforceFocus: {\n    type: Boolean,\n    default: false\n    },\n
headerBgVariant: {\n    type: String,\n    default: null\n    },\n    headerBorderVariant: {\n    type: String,\n
default: null\n    },\n    headerTextVariant: {\n    type: String,\n    default: null\n    },\n    headerClass: {\n    type:
[String, Array],\n    default: null\n    },\n    bodyBgVariant: {\n    type: String,\n    default: null\n    },\n
bodyTextVariant: {\n    type: String,\n    default: null\n    },\n    modalClass: {\n    type: [String, Array],\n
default: null\n    },\n    bodyClass: {\n    type: [String, Array],\n    default: null\n    },\n    footerBgVariant: {\n
type: String,\n    default: null\n    },\n    footerBorderVariant: {\n    type: String,\n    default: null\n    },\n
footerTextVariant: {\n    type: String,\n    default: null\n    },\n    footerClass: {\n    type: [String, Array],\n
default: null\n    },\n    hideHeader: {\n    type: Boolean,\n    default: false\n    },\n    hideFooter: {\n    type:
Boolean,\n    default: false\n    },\n    hideHeaderClose: {\n    type: Boolean,\n    default: false\n    },\n
hideBackdrop: {\n    type: Boolean,\n    default: false\n    },\n    okOnly: {\n    type: Boolean,\n    default:
false\n    },\n    okDisabled: {\n    type: Boolean,\n    default: false\n    },\n    cancelDisabled: {\n    type:
Boolean,\n    default: false\n    },\n    visible: {\n    type: Boolean,\n    default: false\n    },\n    returnFocus: {\n
default: null\n    },\n    headerCloseLabel: {\n    type: String,\n    default: 'Close'\n    },\n    cancelTitle: {\n
type: String,\n    default: 'Cancel'\n    },\n    okTitle: {\n    type: String,\n    default: 'OK'\n    },\n    cancelVariant:
{\n    type: String,\n    default: 'secondary'\n    },\n    okVariant: {\n    type: String,\n    default: 'primary'\n
},\n    lazy: {\n    type: Boolean,\n    default: false\n    },\n    busy: {\n    type: Boolean,\n    default: false\n
}\n    },\n    computed: {\n    modalClasses: function modalClasses() {\n    return ['modal', {\n    fade: !this.noFade,\n
show: this.is_show,\n    'd-block': this.is_block\n    }, this.modalClass];\n    },\n    dialogClasses: function
dialogClasses() {\n    var _ref;\n    return ['modal-dialog', (_ref = {}, _defineProperty(_ref, 'modal-' + this.size,
Boolean(this.size)), _defineProperty(_ref, 'modal-dialog-centered', this.centered), _ref)];\n    },\n    backdropClasses:
function backdropClasses() {\n    return ['modal-backdrop', {\n    fade: !this.noFade,\n    show: this.is_show ||
this.noFade\n    }];\n    },\n    headerClasses: function headerClasses() {\n    var _ref2;\n    return ['modal-
header', (_ref2 = {}, _defineProperty(_ref2, 'bg-' + this.headerBgVariant, Boolean(this.headerBgVariant)),
_defineProperty(_ref2, 'text-' + this.headerTextVariant, Boolean(this.headerTextVariant)), _defineProperty(_ref2,
'border-' + this.headerBorderVariant, Boolean(this.headerBorderVariant)), _ref2), this.headerClass];\n    },\n
bodyClasses: function bodyClasses() {\n    var _ref3;\n    return ['modal-body', (_ref3 = {},
_defineProperty(_ref3, 'bg-' + this.bodyBgVariant, Boolean(this.bodyBgVariant)), _defineProperty(_ref3, 'text-' +
this.bodyTextVariant, Boolean(this.bodyTextVariant)), _ref3), this.bodyClass];\n    },\n    footerClasses: function
footerClasses() {\n    var _ref4;\n    return ['modal-footer', (_ref4 = {}, _defineProperty(_ref4, 'bg-' +

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this.footerBgVariant, Boolean(this.footerBgVariant)), _defineProperty(_ref4, 'text-' + this.footerTextVariant,
Boolean(this.footerTextVariant)), _defineProperty(_ref4, 'border-' + this.footerBorderVariant,
Boolean(this.footerBorderVariant)), _ref4), this.footerClass];\n  }\n },\n watch: {\n  visible: function
visible(newVal, oldVal) {\n    if (newVal === oldVal) {\n      return;\n    }\n    this[newVal ? 'show' : 'hide']();\n  }\n },\n methods: {\n  // Public Methods\n  show: function show() {\n    if (this.is_visible) {\n      return;\n    }\n    var showEvt = new BvEvent('show', {\n      cancelable: true,\n      vueTarget: this,\n      target:
this.$refs.modal,\n      relatedTarget: null\n    });\n    this.emitEvent(showEvt);\n    if (showEvt.defaultPrevented
|| this.is_visible) {\n      // Don't show if canceled\n      return;\n    }\n    if (hasClass(document.body, 'modal-
open')) {\n      // If another modal is already open, wait for it to close\n      this.$root.$once('bv::modal::hidden',
this.doShow);\n    } else {\n      // Show the modal\n      this.doShow();\n    }\n  },\n  hide: function
hide(trigger) {\n    if (!this.is_visible) {\n      return;\n    }\n    var hideEvt = new BvEvent('hide', {\n
cancelable: true,\n      vueTarget: this,\n      target: this.$refs.modal,\n      // this could be the trigger
element/component reference\n      relatedTarget: null,\n      isOK: trigger || null,\n      trigger: trigger || null,\n
cancel: function cancel() {\n      // Backwards compatibility\n      warn('b-modal: evt.cancel() is deprecated.
Please use evt.preventDefault().');\n      this.preventDefault();\n    }\n    });\n    if (trigger === 'ok') {\n
this.$emit('ok', hideEvt);\n    } else if (trigger === 'cancel') {\n      this.$emit('cancel', hideEvt);\n    }\n
this.emitEvent(hideEvt);\n    // Hide if not canceled\n    if (hideEvt.defaultPrevented || !this.is_visible) {\n
return;\n    }\n    // stop observing for content changes\n    if (this._observer) {\n
this._observer.disconnect();\n      this._observer = null;\n    }\n    this.is_visible = false;\n    this.$emit('change',
false);\n  },\n  // Private method to finish showing modal\n  doShow: function doShow() {\n    var _this2 =
this;\n\n    // Plce modal in DOM if lazy\n    this.is_hidden = false;\n    this.$nextTick(function () {\n      // We
do this in nextTick to ensure the modal is in DOM first before we show it\n      _this2.is_visible = true;\n
      _this2.$emit('change', true);\n      // Observe changes in modal content and adjust if necessary\n
      _this2._observer = observeDom(_this2.$refs.content, _this2.adjustDialog.bind(_this2), OBSERVER_CONFIG);\n
    });\n  },\n  // Transition Handlers\n  onBeforeEnter: function onBeforeEnter() {\n    this.is_transitioning =
true;\n    this.checkScrollbar();\n    this.setScrollbar();\n    this.adjustDialog();\n    addClass(document.body,
'modal-open');\n    this.setResizeEvent(true);\n  },\n  onEnter: function onEnter() {\n    this.is_block = true;\n
this.$refs.modal.scrollTop = 0;\n  },\n  onAfterEnter: function onAfterEnter() {\n    var _this3 = this;\n
this.is_show = true;\n    this.is_transitioning = false;\n    this.$nextTick(function () {\n      _this3.focusFirst();\n
      var shownEvt = new BvEvent('shown', {\n        cancelable: false,\n        vueTarget: _this3,\n        target:
_this3.$refs.modal,\n        relatedTarget: null\n      });\n      _this3.emitEvent(shownEvt);\n    });\n  },\n  onBeforeLeave: function onBeforeLeave() {\n    this.is_transitioning = true;\n    this.setResizeEvent(false);\n
  },\n  onLeave: function onLeave() {\n    // Remove the 'show' class\n    this.is_show = false;\n  },\n  onAfterLeave: function onAfterLeave() {\n    var _this4 = this;\n
this.is_block = false;\n    this.resetAdjustments();\n    this.resetScrollbar();\n    this.is_transitioning = false;\n
removeClass(document.body, 'modal-open');\n    this.$nextTick(function () {\n      _this4.is_hidden = _this4.lazy ||
false;\n      _this4.returnFocusTo();\n      var hiddenEvt = new BvEvent('hidden', {\n        cancelable: false,\n
vueTarget: _this4,\n        target: _this4.lazy ? null : _this4.$refs.modal,\n        relatedTarget: null\n      });\n
      _this4.emitEvent(hiddenEvt);\n    });\n  },\n  // Event emitter\n  emitEvent: function emitEvent(bvEvt) {\n
var type = bvEvt.type;\n    this.$emit(type, bvEvt);\n    this.$root.$emit('bv::modal:' + type, bvEvt);\n  },\n  //
UI Event Handlers\n  onClickOut: function onClickOut(evt) {\n    // If backdrop clicked, hide modal\n    if
(this.is_visible && !this.noCloseOnBackdrop) {\n      this.hide('backdrop');\n    }\n  },\n  onEsc: function
onEsc(evt) {\n    // If ESC pressed, hide modal\n    if (evt.keyCode === KeyCodes.ESC && this.is_visible &&
!this.noCloseOnEsc) {\n      this.hide('esc');\n    }\n  },\n  onFocusout: function onFocusout(evt) {\n    // If
focus leaves modal, bring it back\n    // 'focusout' Event Listener bound on content\n    var content =
this.$refs.content;\n    if (!this.noEnforceFocus && this.is_visible && content &&
!content.contains(evt.relatedTarget)) {\n      content.focus();\n    }\n  },\n  // Resize Listener\n  setResizeEvent: function setResizeEvent(on) {\n    var _this5 = this;\n
;['resize',

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'orientationchange'].forEach(function (evtName) {\n  if (on) {\n    eventOn(window, evtName,
_this5.adjustDialog);\n  } else {\n    eventOff(window, evtName, _this5.adjustDialog);\n  }\n});\n\n // Root Listener handlers\n showHandler: function showHandler(id, triggerEl) {\n  if (id === this.id) {\n    this.return_focus = triggerEl || null;\n    this.show();\n  }\n},\n hideHandler: function hideHandler(id) {\n  if (id === this.id) {\n    this.hide();\n  }\n},\n modalListener: function modalListener(bvEvt) {\n  // If another modal opens, close this one\n  if (bvEvt.vueTarget !== this) {\n    this.hide();\n  }\n},\n\n // Focus control handlers\n focusFirst: function focusFirst() {\n  // Don't try and focus if we are SSR\n  if (typeof document === 'undefined') {\n    return;\n  }\n  var content = this.$refs.content;\n  var modal = this.$refs.modal;\n  var activeElement = document.activeElement;\n  if (activeElement && content && content.contains(activeElement)) {\n    // If activeElement is child of content, no need to change focus\n  } else if (content) {\n    if (modal) {\n      modal.scrollTop = 0;\n    }\n    // Focus the modal content wrapper\n    content.focus();\n  }\n},\n returnFocusTo: function returnFocusTo() {\n  // Prefer returnFocus prop over event specified return_focus value\n  var el = this.returnFocus || this.return_focus || null;\n  if (typeof el === 'string') {\n    // CSS Selector\n    el = select(el);\n  }\n  if (el) {\n    el = el.$el || el;\n    if (isVisible(el)) {\n      el.focus();\n    }\n  }\n},\n\n // Utility methods\n getScrollbarWidth: function getScrollbarWidth() {\n  var scrollDiv = document.createElement('div');\n  scrollDiv.className = 'modal-scrollbar-measure';\n  document.body.appendChild(scrollDiv);\n  this.scrollbarWidth = scrollDiv.getBoundingClientRect().width - scrollDiv.clientWidth;\n  document.body.removeChild(scrollDiv);\n},\n adjustDialog: function adjustDialog() {\n  if (!this.is_visible) {\n    return;\n  }\n  var modal = this.$refs.modal;\n  var isModalOverflowing = modal.scrollHeight > document.documentElement.clientHeight;\n  if (!this.isBodyOverflowing && isModalOverflowing) {\n    modal.style.paddingLeft = this.scrollbarWidth + 'px';\n  }\n  if (this.isBodyOverflowing && !isModalOverflowing) {\n    modal.style.paddingRight = this.scrollbarWidth + 'px';\n  }\n},\n resetAdjustments: function resetAdjustments() {\n  var modal = this.$refs.modal;\n  if (modal) {\n    modal.style.paddingLeft = '';\n    modal.style.paddingRight = '';\n  }\n},\n checkScrollbar: function checkScrollbar() {\n  var rect = getBCR(document.body);\n  this.isBodyOverflowing = rect.left + rect.right < window.innerWidth;\n},\n setScrollbar: function setScrollbar() {\n  if (this.isBodyOverflowing) {\n    // Note: DOMNode.style.paddingRight returns the actual value or "" if not set\n    // while $(DOMNode).css('padding-right') returns the calculated value or 0 if not set\n    var computedStyle = window.getComputedStyle;\n    var body = document.body;\n    var scrollbarWidth = this.scrollbarWidth;\n    // Adjust fixed content padding\n    selectAll(Selector.FIXED_CONTENT).forEach(function (el) {\n      var actualPadding = el.style.paddingRight;\n      var calculatedPadding = computedStyle(el).paddingRight || 0;\n      setAttr(el, 'data-padding-right', actualPadding);\n      el.style.paddingRight = parseFloat(calculatedPadding) + scrollbarWidth + 'px';\n    });\n    // Adjust sticky content margin\n    selectAll(Selector.STICKY_CONTENT).forEach(function (el) {\n      var actualMargin = el.style.marginRight;\n      var calculatedMargin = computedStyle(el).marginRight || 0;\n      setAttr(el, 'data-margin-right', actualMargin);\n      el.style.marginRight = parseFloat(calculatedMargin) - scrollbarWidth + 'px';\n    });\n    // Adjust navbar-toggler margin\n    selectAll(Selector.NAVBAR_TOGGLER).forEach(function (el) {\n      var actualMargin = el.style.marginRight;\n      var calculatedMargin = computedStyle(el).marginRight || 0;\n      setAttr(el, 'data-margin-right', actualMargin);\n      el.style.marginRight = parseFloat(calculatedMargin) + scrollbarWidth + 'px';\n    });\n    // Adjust body padding\n    var actualPadding = body.style.paddingRight;\n    var calculatedPadding = computedStyle(body).paddingRight;\n    setAttr(body, 'data-padding-right', actualPadding);\n    body.style.paddingRight = parseFloat(calculatedPadding) + scrollbarWidth + 'px';\n  }\n},\n\n resetScrollbar: function resetScrollbar() {\n  // Restore fixed content padding\n  selectAll(Selector.FIXED_CONTENT).forEach(function (el) {\n    if (hasAttr(el, 'data-padding-right')) {\n      el.style.paddingRight = getAttr(el, 'data-padding-right') || '';\n      removeAttr(el, 'data-padding-right');\n    }\n  });\n  // Restore sticky content and navbar-toggler margin\n  selectAll(Selector.STICKY_CONTENT + ', ' + Selector.NAVBAR_TOGGLER).forEach(function (el) {\n    if (hasAttr(el, 'data-margin-right')) {\n
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el.style.marginRight = getAttr(el, 'data-margin-right') || "";
removeAttr(el, 'data-margin-right');
});
// Restore body padding
var body = document.body;
if (hasAttr(body, 'data-padding-right')) {
body.style.paddingRight = getAttr(body, 'data-padding-right') || "";
removeAttr(body, 'data-padding-right');
}
},
created: function created() {
// create non-reactive property
this._observer = null;
},
mounted: function mounted() {
// Measure scrollbar
this.getScrollbarWidth();
// Listen for events from
others to either open or close ourselves
this.listenOnRoot('bv::show::modal', this.showHandler);
this.listenOnRoot('bv::hide::modal', this.hideHandler);
// Listen for bv:modal::show events, and close ourselves
if the opening modal not us
this.listenOnRoot('bv::modal::show', this.modalListener);
// Initially show
modal?
if (this.visible === true) {
this.show();
}
},
beforeDestroy: function beforeDestroy() {
// Ensure everything is back to normal
if (this._observer) {
this._observer.disconnect();
this._observer = null;
}
this.setResizeEvent(false);
// Re-adjust body/navbar/fixd padding/margins (if needed)
removeClass(document.body, 'modal-open');
this.resetAdjustments();
this.resetScrollbar();
};
},
render = function () {
var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return
_c('div',{staticClass:"embed-form"},[_c('div',{staticClass:"container-
fluid"},[(!_vm.noTitle)?_c('h4',{staticClass:"embed-form__heading"},[_vm._v("\n
"+_vm._s(_vm.$t('embed-form.heading'))+"\n
"))]:_vm._e(),_c('div',{staticClass:"row"},[_c('div',{staticClass:"col"},[_c('p',[_vm._v("\n
"+_vm._s(_vm.$t('embed-form.introduction'))+"\n
")),_c('textarea',{staticClass:"form-control embed-
form__code mb-
2",attrs:{readonly:""},domProps:{value:_vm.embedCode(),on:{click:_vm.selectCode}}),_c('label',{sta
ticClass:"custom-control custom-checkbox btn btn-sm float-
left"},[_c('input',{directives:[{name:"model",rawName:"v-
model",value:(_vm.responsiveCheck),expression:"responsiveCheck"},staticClass:"custom-control-
input",attrs:{type:"checkbox"},domProps:{checked:Array.isArray(_vm.responsiveCheck)?_vm._i(_vm.res
ponsiveCheck,null)>-1:(_vm.responsiveCheck)},on:{change:function($event){var
$$a=_vm.responsiveCheck,$$el=$event.target,$$c=$$el.checked?(true):(false);if(Array.isArray($$a)){var
$$v=null,$$i=_vm._i($$a,$$v);if($$el.checked){$$i<0&&(_vm.responsiveCheck=$$a.concat([$$v]))}else{$$i>-
1&&(_vm.responsiveCheck=$$a.slice(0,$$i).concat($$a.slice($$i+1)))]}else{_vm.responsiveCheck=$$c}}}],_c('s
pan',{staticClass:"custom-control-label font-weight-bold"},[_vm._v("\n
"+_vm._s(_vm.$t('embed-
form.responsive-optin'))+"\n
"))]),_c('div',{staticClass:"text-right"},[_c('button',{staticClass:"btn btn-link
btn-sm text-uppercase font-weight-
bold",on:{click:_vm.copyEmbedCode}},[_c('fa',{attrs:{icon:"clipboard"}),_vm._v("\n
"+_vm._s(_vm.$t('embed-form.copy'))+"\n
")),1))]),(?!_vm.noPreview)?_c('div',{staticClass:"col-7 d-none
d-lg-block embed-
form__preview"},[_c('span',{domProps:{innerHTML:_vm._s(_vm.embedCode(false))}}):_vm._e()]]))]}
r staticRenderFns = []
nexport { render, staticRenderFns },
function _typeof2(obj) {
if (typeof Symbol ===
"function" && typeof Symbol.iterator === "symbol") {
_typeof2 = function _typeof2(obj) {
return typeof obj;
};
} else {
_typeof2 = function _typeof2(obj) {
return obj && typeof Symbol === "function" && obj.constructor ===
Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj;
};
}
return _typeof2(obj);
}
nexport default
function _typeof(obj) {
if (typeof Symbol === "function" && _typeof2(Symbol.iterator) === "symbol") {
_typeof = function _typeof(obj) {
return _typeof2(obj);
};
} else {
_typeof = function _typeof(obj) {
return obj && typeof Symbol === "function" && obj.constructor ===
Symbol && obj !==
Symbol.prototype ? "symbol" : _typeof2(obj);
};
}
return _typeof(obj);
},
"import Clipboard from
'clipboard'
nexport function copyText (text, container) {
return new Promise(function (resolve, reject) {
var fakeElement = document.createElement('button')
var clipboard = new Clipboard(fakeElement, {
text:
() => (text),
action: () => ('copy'),
container: typeof container === 'object' ? container : document.body
})
clipboard.on('success', error => {
clipboard.destroy()
resolve(error)
})
clipboard.on('error', error => {
clipboard.destroy()
reject(error)
})
fakeElement.click()
}
}

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})\n}\n";<style lang=\`scss\` scoped>\n @import '../styles/lib';\n\n .embed-form {\n  font-size: 0.9rem;\n  overflow: auto;\n  .custom-control.btn {\n    .custom-control-label:before, .custom-control-label:after {\n      top: 50%;\n      transform: translateY(-50%);\n    }\n  }\n  &__heading {\n    font-size: 1.1em;\n    text-transform: uppercase;\n  }\n  &__code {\n    height: 80px;\n  }\n  &__preview {\n    border-left: 1px $gray-400 dashed;\n  }\n}</style>\n\n<template>\n  <div class=\`embed-form\`>\n    <div class=\`container-fluid\`>\n      <h4 class=\`embed-form__heading\` v-if=\`!noTitle\`>\n        {{ $(`embed-form.heading`) }}\n      </h4>\n      <div class=\`row\`>\n        <div class=\`col\`>\n          <p>\n            {{ $(`embed-form.introduction`) }}\n          </p>\n          <textarea class=\`form-control embed-form__code mb-2\` readonly @click=\`selectCode\` :value=\`embedCode()\`></textarea>\n          <label class=\`custom-control custom-checkbox btn btn-sm float-left\`>\n            <input type=\`checkbox\` class=\`custom-control-input\` v-model=\`responsiveCheck\`>\n            <span class=\`custom-control-label font-weight-bold\`>\n              {{ $(`embed-form.responsive-optin`) }}\n            </span>\n            </label>\n            <div class=\`text-right\`>\n              <button class=\`btn btn-link btn-sm text-uppercase font-weight-bold\` @click=\`copyEmbedCode\`>\n                <fa icon=\`clipboard\` />\n                {{ $(`embed-form.copy`) }}\n              </button>\n            </div>\n          </div>\n          <div class=\`col-7 d-none d-lg-block embed-form__preview\` v-if=\`!noPreview\`>\n            <span v-html=\`embedCode(false)\`></span>\n          </div>\n        </div>\n      </div>\n    </template>\n\n<script>\n  import { faClipboard } from '@fortawesome/free-solid-svg-icons/faClipboard'\n  import Vue from 'vue'\n  import i18n from '@/i18n'\n  import IFrameResizer from '@/utils/iframe-resizer'\n  import { copyText } from '@/utils/clipboard'\n  import { library } from './Fa'\n  /**\n   * Embed Form\n   */\n  export default {\n    i18n,\n    name: 'EmbedForm',\n    data () {\n      return {\n        responsiveCheck: false\n      }\n    },\n    beforeMount () {\n      library.add(faClipboard)\n    },\n    components: {\n      /** Prevent a bug with vue-docgen-api\n       * @see https://github.com/vue-styleguidist/vue-docgen-api/issues/23\n       */\n      Fa: require('./Fa').default\n    },\n    props: {\n      /**\n       * Hide the form title\n       */\n      noTitle: {\n        type: Boolean\n      },\n      /**\n       * Hide the preview panel\n       */\n      noPreview: {\n        type: Boolean\n      },\n      /**\n       * Default width of the iframe code\n       */\n      width: {\n        type: [Number, String],\n        default: '100%\n      },\n      /**\n       * Default height of the iframe code\n       */\n      height: {\n        type: Number,\n        default: () => (window.innerHeight)\n      },\n      /**\n       * Default minimal width of the iframe code (if extract from window's size)\n       */\n      minWidth: {\n        type: Number,\n        default: 0\n      },\n      /**\n       * Default minimal height of the iframe code (if extract from window's size)\n       */\n      minHeight: {\n        type: Number,\n        default: 0\n      },\n      /**\n       * URL of the iframe code\n       */\n      url: {\n        type: String\n      }\n    },\n    methods: {\n      iframeCodeFor (url, width, height) {\n        return `<iframe width=\`${width}\` height=\`${height}\` src=\`${IFrameResizer.deletePymParams(url)}\` frameborder=\`0\` allowfullscreen></iframe>`\n      },\n      pymCodeFor (url) {\n        return IFrameResizer.template(url)\n      },\n      copyEmbedCode () {\n        return copyText(this.embedCode(), this.$el).then(() => {\n          this.selectCode()\n        })\n      },\n      selectCode () {\n        this.$el.querySelector('.embed-form__code').select()\n      },\n      embedCode (withPym = this.responsiveCheck) {\n        const width = isNaN(this.width) ? this.width : Math.max(this.width, this.minWidth)\n        const height = Math.max(this.height, this.minHeight)\n        return withPym ? this.pymCodeFor(this.currentUrl) : this.iframeCodeFor(this.currentUrl, width, height)\n      }\n    },\n    computed: {\n      currentUrl () {\n        return this.url || window.location.href\n      }\n    }\n  }\n}</script>\n\n",import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./EmbedForm.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./EmbedForm.vue?vue&type=script&lang=js&\";\",import { render, staticRenderFns } from './EmbedForm.vue?vue&type=template&id=502aea85&scoped=true&\"\\nimport script from './EmbedForm.vue?vue&type=script&lang=js&\"\\nexport * from

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\./EmbedForm.vue?vue&type=script&lang=js&\nimport style0 from
\./EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&\n\n/* normalize
component *\nimport normalizer from '!././node_modules/vue-loader/lib/runtime/componentNormalizer.js'\n\nvar
component = normalizer(\n script,\n render,\n staticRenderFns,\n false,\n null,\n \"502aea85\",\n null\n
\n)\n\ncomponent.options.__file = \"EmbedForm.vue\"\n\nexport default component.exports",<template>\n <div
class=\"sharing-options\" :style=\"style\">\n <social-sharing v-bind=\"valuesFor('twitter')\" inline-template>\n
<network network=\"twitter\" class=\"sharing-options__link\">\n <fa :icon=\"['fab', 'twitter']\" />\n <span
class=\"sr-only\">Share on Twitter</span>\n </network>\n </social-sharing>\n <social-sharing v-
bind=\"valuesFor('facebook')\" inline-template>\n <network network=\"facebook\" class=\"sharing-
options__link\">\n <fa :icon=\"['fab', 'facebook']\" />\n <span class=\"sr-only\">Share on
Facebook</span>\n </network>\n </social-sharing>\n <social-sharing v-bind=\"valuesFor('linkedin')\" inline-
template>\n <network network=\"linkedin\" class=\"sharing-options__link\">\n <fa :icon=\"['fab',
'linkedin']\" />\n <span class=\"sr-only\">Share on Linkedin</span>\n </network>\n </social-sharing>\n
<social-sharing v-bind=\"valuesFor('email')\" inline-template>\n <network network=\"email\" class=\"sharing-
options__link\">\n <fa icon=\"envelope\" />\n <span class=\"sr-only\">Share by email</span>\n
</network>\n </social-sharing>\n <div class=\"sharing-options__link\" v-show=\"!noEmbed\">\n <a
@click=\"showEmbedForm\">\n <fa icon=\"code\" />\n <span class=\"sr-only\">Embed</span>\n
</a>\n </div>\n <b-modal hide-footer ref=\"embedForm\" title=\"Embed on your website\" class=\"text-
dark\">\n <embed-form no-title no-preview :min-height=\"iframeMinHeight\" :min-
width=\"iframeMinWidth\"></embed-form>\n </b-modal>\n </div>\n</template>\n\n<script>\n import bModal
from 'bootstrap-vue/es/components/modal/modal'\n import SocialSharing from 'vue-social-sharing';\n import get
from 'lodash/get'\n import reduce from 'lodash/reduce'\n\n import i18n from '@/i18n'\n import { faCode } from
'@fortawesome/free-solid-svg-icons/faCode'\n import { faEnvelope } from '@fortawesome/free-solid-svg-
icons/faEnvelope'\n import { faTwitter } from '@fortawesome/free-brands-svg-icons/faTwitter'\n import {
faFacebook } from '@fortawesome/free-brands-svg-icons/faFacebook'\n import { faLinkedin } from
'@fortawesome/free-brands-svg-icons/faLinkedin'\n\n import EmbedForm from './EmbedForm.vue'\n import
config from './config'\n import IFrameResizer from './utils/iframe-resizer'\n\n import { library } from './Fa'\n
/**\n * SharingOptions\n */\n export default {\n i18n,\n name: 'SharingOptions',\n components: {\n
bModal,\n EmbedForm,\n SocialSharing,\n /** Prevent a bug with vue-docgen-api\n * @see
https://github.com/vue-styleguidist/vue-docgen-api/issues/23\n */\n Fa: require('./Fa').default\n },\n
beforeMount () {\n library.add(faCode, faEnvelope, faTwitter, faFacebook, faLinkedin)\n // Inject Fa
components in child component\n SocialSharing.components.Fa = require('./Fa').default\n },\n props: {\n
/**\n * URL to be shared.\n */\n url: {\n type: String,\n default: () => config.get('sharing-
options.url', null) || IFrameResizer.deletePymParams()\n },\n /**\n * Direction of the sharing options. Can
be: <em>row</em>, <em>row-reverse</em>,\n * <em>column</em> or <em>column-reverse</em>.\n */\n
direction: {\n default: 'row',\n validator (value) {\n return ['row', 'row-reverse', 'column', 'column-
reverse'].indexOf(value) !== -1\n }\n },\n /**\n * Sharing contents wich can be generic
(<em>title</em>, <em>description</em>, etc)\n * or specific to a network (<em>twitter_title</em>,\n
<em>facebook_description</em>, etc).\n */\n values: {\n type: Object,\n default: () => ({})\n },\n
/**\n * The list of all the keys to automatcly inject in each social button.\n */\n valuesKeys: {\n
default: () => ['url', 'title', 'description', 'media', 'twitter-user'],\n type: Array\n },\n /**\n * Disable
embed button.\n */\n noEmbed: {\n type: Boolean\n },\n /**\n * Minimum height of the iframe
in the embed form.\n */\n iframeMinHeight: {\n type: Number\n },\n /**\n * Minimum width
of the iframe in the embed form.\n */\n iframeMinWidth: {\n type: Number\n },\n /**\n *
Prevent from reading default value from the <code>meta</code>.\n */\n noMeta: {\n type: Boolean\n
}\n },\n methods: {\n showEmbedForm () {\n this.showShareOptions = false\n return
this.$refs.embedForm.show()\n },\n valuesFor (network) {\n const values =
Object.assign(this.metaValues, this.values)\n return reduce(this.valuesKeys, (res, key) => {\n res[key] =

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the title.\n      */\n      lead: {\n        type: String,\n        default: "\n      },\n      /**\n      * Minimum height for the
iframe generated in the embed form.\n      */\n      iframeMinHeight: {\n        type: Number\n      },\n      /**\n      *
Minimum width for the iframe generated in the embed form.\n      */\n      iframeMinWidth: {\n        type: Number\n
      },\n      /**\n      * Target of the ICIJ logo and title links.\n      */\n      homeUrl: {\n        type: String,\n
default: () => config.get('app.home')\n      },\n      /**\n      * Sharing option values to bind to the sharing-options
component on the bottom-right corner.\n      */\n      sharingOptionsValues: {\n        type: Object,\n        default: ()
=> ({})\n      }\n    },\n    data () {\n      return {\n        showShareOptions: false\n      }\n    },\n    mounted () {\n
IframeResizer.create();\n  }\n}</script>\n\n<style lang="scss" scoped>\n  @import '../styles/lib';\n  @import
'../styles/mixins';\n  @include keyframes(slideup) {\n    0% {\n      transform: translateY(100%);\n      opacity:0;\n
    }\n    100% {\n      transform: translateY(0%);\n      opacity:1;\n    }\n  }\n  .embeddable-footer {\n    display:
flex;\n    flex-direction: row;\n    align-items: center;\n\n    z-index: $zindex-sticky;\n    position: fixed;\n    bottom:
0;\n    left: 0;\n    width: 100%;\n    background: black;\n    color: white;\n    // Magic technique to have a minimum
font-size (10px-ish)\n    font-size: calc(10px + 1.5vh);\n\n    @media screen and (min-height: 800px) {\n      font-
size: 1rem;\n    }\n\n    &__brand {\n      padding-right: $spacer;\n      margin-right: $spacer;\n      border-right: 2px
solid white;\n      font-family: $headings-font-family;\n      font-size: 1.1em;\n    }\n\n    &__lead {\n      flex-grow:
1;\n      min-width: 0;\n      font-size: 0.9em;\n    }\n\n    &__share-btn {\n      border: 1px solid transparent;\n
height: 2.5em;\n      line-height: 2.5em;\n      width: 2.5em;\n      font-size: 80%;\n      text-align: center;\n      border-
radius: 50%;\n\n      &.active {\n        border-color: white;\n      }\n\n      &:hover {\n        background: rgba(white,
.1);\n      }\n    }\n\n    &/deep/ .sharing-options {\n      position: absolute;\n      bottom: 100%;\n      right: 0;\n
margin: $spacer * 0.25;\n\n      &__link {\n        opacity: 0;\n        animation:slideup 200ms forwards;\n\n        @include
animation-delay-loop(0, 10, 50ms);\n      }\n    }\n  }\n}</style>\n\n",import mod from "\n
!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbeddableFooter.vue?vue&type=script&lang=js&"; export default mod; export * from "\n
!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbeddableFooter.vue?vue&type=script&lang=js&"; import { render, staticRenderFns } from
"./EmbeddableFooter.vue?vue&type=template&id=36cb84e2&scoped=true&";\nimport script from
"./EmbeddableFooter.vue?vue&type=script&lang=js&";\nexport * from
"./EmbeddableFooter.vue?vue&type=script&lang=js&";\nimport style0 from
"./EmbeddableFooter.vue?vue&type=style&index=0&id=36cb84e2&lang=scss&scoped=true&";\n\n/* normalize
component */\nimport normalizer from "!../node_modules/vue-loader/lib/runtime/componentNormalizer.js";\nvar
component = normalizer(\n  script,\n  render,\n  staticRenderFns,\n  false,\n  null,\n  "36cb84e2",\n  null\n
)\n\ncomponent.__file = "EmbeddableFooter.vue";\nexport default component.exports;\nvar render =
function () {\n  var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:"follow-
us"},[_c('button',{staticClass:"btn btn-link text-light follow-
us__close",on:{"click":_vm.closeSignupPopover}},[_c('fa',{attrs:{"icon":"times"}})],1),_c('sign-up-
form',{staticClass:"p-3"}),_c('div',{staticClass:"px-3 pb-1 text-uppercase text-muted font-weight-
bold"},[_vm._v("\n  "+_vm._s(_vm.$t('follow-us-popover.heading'))+"\n  ")),_c('div',{staticClass:"p-3 bg-
light container-fluid text-
center"},[_c('div',{staticClass:"row"}),[_c('div',{staticClass:"col"}),[_c('a',{staticClass:"d-inline-block text-
primary border border-primary rounded-circle bg-white follow-us__social-
btn",attrs:{"href":"https://twitter.com/icijorg"},"target":"_blank"},"title":"Twitter"}),[_c('fa',{attrs:{"icon":'
fab', 'twitter"},"size":"lg"})],_c('span',{staticClass:"sr-
only"},[_vm._v("Twitter")]),1]),_c('div',{staticClass:"col"}),[_c('a',{staticClass:"d-inline-block text-primary
border border-primary rounded-circle bg-white follow-us__social-

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btn\",attrs:{\"href\": \"https://www.facebook.com/ICIJ.org\", \"target\": \"_blank\", \"title\": \"Facebook\"}},[_c('fa',{attr
s:{\"icon\": ['fab', 'facebook'], \"size\": \"lg\"}}),_c('span',{staticClass: \"sr-
only\"}),[_vm._v(\"Facebook\"))],1)),_c('div',{staticClass: \"col\"}),[_c('a',{staticClass: \"d-inline-block text-primary
border border-primary rounded-circle bg-white follow-us __social-
btn\",attrs:{\"href\": \"https://www.linkedin.com/company/1732242/\", \"target\": \"_blank\", \"title\": \"Linkedin\"}},[_
c('fa',{attrs:{\"icon\": ['fab', 'linkedin'], \"size\": \"lg\"}}),_c('span',{staticClass: \"sr-
only\"}),[_vm._v(\"Linkedin\"))],1)))]),1)))]),1)))]nvar staticRenderFns = []\n\nexport { render, staticRenderFns },\"var
render = function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return
_c('form',{staticClass: \"sign-up-form\",class: { 'sign-up-form--horizontal': _vm.horizontal
},on: { \"submit\": function($event){ $event.preventDefault(); _vm.subscribe($event) } }},[_c('fieldset',{attrs: { \"disabl
ed\": _vm.frozen }},[(!_vm.noLabel)?_c('label',{staticClass: \"text-uppercase text-muted font-weight-
bold\",attrs: { \"for\": \"input-email\" }},[_vm._v(\"\\n    \"+_vm._s(_vm.$t(\"sign-up-form.label\"))+\"\\n
\\n\"))]:_vm._e(),_c('div',{staticClass: \"sign-up-form__fieldset__group\",class: { 'input-group': _vm.horizontal
}}),[_c('input',{directives: [{ name: \"model\",rawName: \"v-
model\",value: (_vm.email),expression: \"email\" }],staticClass: \"form-
control\",attrs: { \"name\": \"EMAIL\", \"type\": \"text\", \"placeholder\": _vm.$t('sign-up-
form.placeholder'), \"id\": \"input-
email\" },domProps: { \"value\": (_vm.email) },on: { \"input\": function($event){ if($event.target.composing){ return;
}_vm.email=$event.target.value } } }]),_c('div',{staticClass: \"sign-up-form__fieldset__group__addon\",class: { 'input-
group-append': _vm.horizontal } }},[_c('button',{staticClass: \"btn btn-primary text-uppercase font-weight-
bold\",attrs: { \"type\": \"submit\" } }},[_vm._v(\"\\n    \"+_vm._s(_vm.$t(\"sign-up-form.submit\"))+\"\\n
\\n\")))]),_c('input',{attrs: { \"type\": \"hidden\", \"name\": \"group[9][1]\", \"value\": \"1\" } }},_c('input',{attrs: { \"type\": \"
hidden\", \"name\": \"SIGNUP\" },domProps: { \"value\": _vm.tracker } }},(_vm.errorMessage)?_c('p',{staticClass: \"aler
t alert-danger p-2 m-0 mt-
2\",domProps: { \"innerHTML\": _vm._s(_vm.errorMessage) }):_vm._e(),(_vm.successMessage)?_c('p',{staticClass: \"
alert alert-success p-2 m-0 mt-2\",domProps: { \"innerHTML\": _vm._s(_vm.successMessage) }):_vm._e())])\n\nvar
staticRenderFns = []\n\nexport { render, staticRenderFns },\"<template>\n <form
@submit.prevent= \"subscribe($event)\" class= \"sign-up-form\" :class= \"{ 'sign-up-form--horizontal': horizontal
}\">\n <fieldset :disabled= \"frozen\">\n <label class= \"text-uppercase text-muted font-weight-bold\"
for= \"input-email\" v-if= \"!noLabel\">\n {{ $t(\"sign-up-form.label\") }}\n </label>\n <div class= \"sign-
up-form__fieldset__group\" :class= \"{ 'input-group': horizontal }\">\n <input v-model= \"email\"
name= \"EMAIL\" type= \"text\" class= \"form-control\" :placeholder= \"$t('sign-up-form.placeholder')\" id= \"input-
email\" />\n <div class= \"sign-up-form__fieldset__group__addon\" :class= \"{ 'input-group-append': horizontal
}\">\n <button class= \"btn btn-primary text-uppercase font-weight-bold\" type= \"submit\">\n {{
$t(\"sign-up-form.submit\") }}\n </button>\n </div>\n </div>\n </fieldset>\n <input
type= \"hidden\" name= \"group[9][1]\" value= \"1\" />\n <input type= \"hidden\" name= \"SIGNUP\"
:value= \"tracker\" />\n <p v-if= \"errorMessage\" class= \"alert alert-danger p-2 m-0 mt-2\" v-
html= \"errorMessage\"></p>\n <p v-if= \"successMessage\" class= \"alert alert-success p-2 m-0 mt-2\" v-
html= \"successMessage\"></p>\n </form>\n</template>\n\n<script>\nimport $ from 'jquery'\nimport last from
'lodash/last'\nimport config from './config'\nimport i18n from '@/i18n'\n\n/**\n * SignUpForm\n */\nexport default
{\n i18n,\n name: \"SignUpForm\", \n props: {\n /**\n * Mailchimp URL to send the data to.\n */\n action:
{\n type: String,\n default: () => config.get('signup-form.action')\n },\n /**\n * Disable the main label.\n
*/\n noLabel: {\n type: Boolean\n },\n /**\n * Horizontal layout of the form.\n */\n horizontal: {\n
type: Boolean\n },\n /**\n * Mailchimp tracker tag to identify the origin.\n */\n tracker: {\n type:
String,\n default: () => config.get('signup-form.tracker')\n }\n },\n data () {\n return {\n email: \"\", \n
frozen: false, \n response: {}, \n errorMessage: null, \n successMessage: null\n }; \n }, \n computed: {\n
actionJsonp () {\n return this.action.replace('/post?', '/post-json?').concat('&c=?')\n } \n }, \n methods: {\n
subscribe () {\n this.resetMessages()\n this.freeze()\n // Send the data, catch the result no matter what and

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unfreeze the form\n    this.send().always(this.done).always(this.unfreeze)\n  },\n  send () {\n    return $.ajax({\n      type: 'POST',\n      url: this.actionJsonp,\n      data: $(this.$el).serialize(),\n      dataType: 'jsonp'\n    })\n  },\n  done (res) {\n    if (res.result === 'success') {\n      this.email = "\n      this.successMessage = res.msg;\n    } else {\n      // Mailchimp formats errors in list\n      this.errorMessage = last((res.msg || "Something's\n      wrong").split(' '))\n    }\n  },\n  resetMessages () {\n    this.errorMessage = null\n    this.successMessage =\n    null\n  },\n  freeze () {\n    this.frozen = true\n  },\n  unfreeze () {\n    this.frozen = false\n  }\n}\n</script>\n<style lang="scss">\n  @import './styles/lib.scss';\n  .sign-up-form {\n    .sign-up-\n    form__fieldset__group__addon .btn {\n      font-size: 0.9em;\n    }\n    &:not(&--horizontal) {\n      .sign-up-\n      form__fieldset__group__addon .btn {\n        display: block;\n        width: 100%;\n      }\n    }\n  }\n</style>\n", "import mod from "-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./SignUpForm.vue?vue&type=script&lang=js&"; export default mod; export * from "-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./SignUpForm.vue?vue&type=script&lang=js&"; import { render, staticRenderFns } from\n"/SignUpForm.vue?vue&type=template&id=3a583f00&"; import script from\n"/SignUpForm.vue?vue&type=script&lang=js&"; export * from\n"/SignUpForm.vue?vue&type=script&lang=js&"; import style0 from\n"/SignUpForm.vue?vue&type=style&index=0&lang=scss&";\n\n* normalize component *\nimport normalizer\nfrom "!../node_modules/vue-loader/lib/runtime/componentNormalizer.js";\nvar component = normalizer(\nscript,\nrender,\nstaticRenderFns,\nfalse,\nnull,\nnull,\nnull\n)\n\ncomponent.options.__file =\n"/SignUpForm.vue";\nexport default component.exports;\n<template>\n  <div class="follow-us">\n    <button\n    class="btn btn-link text-light follow-us__close" @click="closeSignupPopover">\n      <fa icon="times" />\n    </button>\n    <sign-up-form class="p-3"></sign-up-form>\n    <div class="px-3 pb-1 text-uppercase text-muted\n    font-weight-bold">\n      {{ $t('follow-us-popover.heading') }}\n    </div>\n    <div class="p-3 bg-light container-\n    fluid text-center">\n      <div class="row">\n        <div class="col">\n          <a\n          href="https://twitter.com/icijorg" target="_blank" class="d-inline-block text-primary border border-primary\n          rounded-circle bg-white follow-us__social-btn" title="Twitter">\n            <fa :icon="['fab', 'twitter']" size="lg" />\n          </a>\n          <span class="sr-only">Twitter</span>\n        </div>\n        <div class="col">\n          <a\n          href="https://www.facebook.com/ICIJ.org" target="_blank" class="d-inline-block text-primary border border-\n          primary rounded-circle bg-white follow-us__social-btn" title="Facebook">\n            <fa :icon="['fab',\n            'facebook']" size="lg" />\n          </a>\n          <span class="sr-only">Facebook</span>\n        </div>\n        <div\n        class="col">\n          <a href="https://www.linkedin.com/company/1732242/" target="_blank" class="d-inline-\n          block text-primary border border-primary rounded-circle bg-white follow-us__social-btn" title="LinkedIn">\n            <fa :icon="['fab', 'linkedin']" size="lg" />\n            <span class="sr-only">LinkedIn</span>\n          </a>\n        </div>\n      </div>\n    </div>\n  </div>\n</template>\nimport { faTimes } from '@fortawesome/free-\n-solid-svg-icons/faTimes'\nimport { faTwitter } from '@fortawesome/free-brands-svg-icons/faTwitter'\nimport {\nfaFacebook } from '@fortawesome/free-brands-svg-icons/faFacebook'\nimport { faLinkedin } from\n'@fortawesome/free-brands-svg-icons/faLinkedin'\nimport i18n from '@i18n'\nimport SignUpForm from\n'./SignUpForm.vue'\nimport { library } from './Fa'\n/**\n * FollowUsPopover\n */\nexport default {\n  i18n,\n  name: 'FollowUsPopover',\n  components: {\n    /** Prevent a bug with vue-docgen-api\n    */\n    @see\n    https://github.com/vue-styleguidist/vue-docgen-api/issues/23\n    Fa: require('./Fa').default,\n    SignUpForm\n  },\n  beforeMount () {\n    library.add(faTimes, faTwitter, faFacebook, faLinkedin)\n  },\n  methods: {\n    closeSignupPopover () {\n      /**\n      * Fired when user click on the `close` button\n      */\n      @event update:show\n      @type {boolean}\n      */\n      this.$emit('update:show', false)\n    }\n  }\n}\n</script>\n<style lang="scss" scoped>\n  @import './styles/lib';\n  .follow-us {\n    position: relative;\n  }\n
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width: 300px;\n\n &__social-btn {\n  height: 46px;\n  width: 46px;\n  line-height: 46px;\n\n  i.fab {\n    line-height: inherit;\n    font-size: 1.5em;\n  }\n }\n\n &__close {\n  position: absolute;\n  right:
$spacer / 2;\n  top: $spacer / 2;\n }\n }\n</style>\n", "import mod from \"-!./../node_modules/cache-
loader/dist/cjs.js??ref--12-0!./../node_modules/thread-loader/dist/cjs.js!./../node_modules/babel-
loader/lib/index.js!./../node_modules/cache-loader/dist/cjs.js??ref--0-0!./../node_modules/vue-
loader/lib/index.js??vue-loader-options!./FollowUsPopover.vue?vue&type=script&lang=js&\"; export default mod;
export * from \"-!./../node_modules/cache-loader/dist/cjs.js??ref--12-0!./../node_modules/thread-
loader/dist/cjs.js!./../node_modules/babel-loader/lib/index.js!./../node_modules/cache-loader/dist/cjs.js??ref--0-
0!./../node_modules/vue-loader/lib/index.js??vue-loader-
options!./FollowUsPopover.vue?vue&type=script&lang=js&\";\", \"import { render, staticRenderFns } from
\"./FollowUsPopover.vue?vue&type=template&id=440d5984&scoped=true&\";\", \"import script from
\"./FollowUsPopover.vue?vue&type=script&lang=js&\";\", \"export * from
\"./FollowUsPopover.vue?vue&type=script&lang=js&\";\", \"import style0 from
\"./FollowUsPopover.vue?vue&type=style&index=0&id=440d5984&lang=scss&scoped=true&\";\", \"\n\n/* normalize
component *\nimport normalizer from \"!./../node_modules/vue-loader/lib/runtime/componentNormalizer.js\";\", \"nvar
component = normalizer(\n  script,\n  render,\n  staticRenderFns,\n  false,\n  null,\n  \"440d5984\",,\n  null\n
\n)\n\ncomponent.options.__file = \"FollowUsPopover.vue\";\", \"export default component.exports\", \"var render =
function () { var _vm=this; var _h=_vm.$createElement; var _c=_vm._self._c||_h; return
_c('footer', { staticClass: \"generic-
footer\" }, [_c('div', { staticClass: \"container\" }, [_c('div', { staticClass: \"row\" }, [_vm._m(0), _c('div', { staticClass: \"col-
md-7\" }, [_c('div', { staticClass: \"row justify-content-end\" }, [_c('div', { staticClass: \"col-md-
5\" }, [_c('h5', { staticClass: \"text-selective-yellow text-uppercase mb-3\" }, [_vm._v(\"\\n
\"+_vm._s(_vm.$t('generic-footer.investigations'))+\"\\n
\\n\")), _vm._t(\"investigations\", [_vm._m(1)]), 2), _c('div', { staticClass: \"col-md-4\" }, [_c('h5', { staticClass: \"text-
selective-yellow text-uppercase mb-3\" }, [_vm._v(\"\\n
\"+_vm._s(_vm.$t('generic-footer.follow-us'))+\"\\n
\\n\")), _vm._m(2)])))]), _c('p', { staticClass: \"text-white text-md-right small mt-5\" }, [_c('strong', [_vm._v(\"©
\"+_vm._s(_vm.year)+\" — The International Consortium of Investigative Journalists.\"))], _vm._v(\"\\n
\"+_vm._s(_vm.$t('generic-footer.all-rights'))+\"\\n
\\n\"), _c('br'), (_vm.version)?_c('span', { staticClass: \"text-
muted\" }, [_vm._v(\"\\n
\"+_vm._s(_vm.$t('generic-footer.version', { version: _vm.version }))+\"\\n
\\n\")): _vm._e(0)])))]), nvar staticRenderFns = [function () { var _vm=this; var _h=_vm.$createElement; var
_c=_vm._self._c||_h; return _c('div', { staticClass: \"col-md-5\" }, [_c('h5', { staticClass: \"text-uppercase text-white
clearfix generic-footer__icij mb-3\" }, [_c('a', { staticClass: \"generic-
footer__icij__logo\", attrs: { \"href\": \"https://icij.org\", \"target\": \"_blank\" } }, [_c('img', { staticClass: \"mw-
100\", attrs: { \"src\": require(\"../assets/images/icij@2x.png\") } })), _c('a', { staticClass: \"text-
nowrap\", attrs: { \"href\": \"https://icij.org\", \"target\": \"_blank\" } }, [_vm._v(\"\\n
International Consortium
of\"), _c('br'), _vm._v(\"\\n
Investigative Journalists\\n
\\n\"))], _c('p', { }, [_vm._v(\"\\n
1710 Rhode
Island Ave NW | 11th floor\"), _c('br'), _vm._v(\"\\n
Washington DC 20006 USA\\n
\\n\")), _c('p', [_c('strong', [_c('a', { staticClass: \"text-selective-
yellow\", attrs: { \"href\": \"mailto:contact@icij.org\" } }, [_vm._v(\"contact@icij.org\"))])])], function () { var
_vm=this; var _h=_vm.$createElement; var _c=_vm._self._c||_h; return _c('ul', { staticClass: \"list-
unstyled\" }, [_c('li', { staticClass: \"list-unstyled-
item\" }, [_c('a', { attrs: { \"href\": \"https://www.icij.org/investigations/paradise-
papers/\", \"target\": \"_blank\" } }, [_vm._v(\"\\n
Paradise Papers\\n
\\n\"))], _c('li', { staticClass: \"list-unstyled-item\" }, [_c('a', { attrs: { \"href\": \"https://www.icij.org/investigations/panama-
papers/\", \"target\": \"_blank\" } }, [_vm._v(\"\\n
Panama Papers\\n
\\n\"))], _c('li', { staticClass: \"list-unstyled-item\" }, [_c('a', { attrs: { \"href\": \"https://www.icij.org/investigations/world-
bank\", \"target\": \"_blank\" } }, [_vm._v(\"\\n
Evicted and Abandoned\\n
\\n\"))], _c('li', { staticClass: \"list-unstyled-

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item\"},[_c('a',{attrs:{\"href\":\"https://www.icij.org/investigations/offshore/\",\"target\":\"_blank\"}}],[_vm._v(\\\"\\n
  Secrecy for Sale\\n
    \"))]])),function () {var _vm=this;var _h=_vm.$createElement;var
  _c=_vm._self._c||_h;return _c('ul',{staticClass:\"list-unstyled\"},[_c('li',{staticClass:\"list-unstyled-
  item\"},[_c('a',{attrs:{\"href\":\"https://www.facebook.com/ICIJ.org\",\"target\":\"_blank\"}}],[_vm._v(\\\"\\n
  Facebook\\n
    \"))]],_c('li',{staticClass:\"list-unstyled-
  item\"},[_c('a',{attrs:{\"href\":\"https://www.linkedin.com/company/1732242/\",\"target\":\"_blank\"}}],[_vm._v(\\\"\\n
  n
  LinkedIn\\n
    \"))]],_c('li',{staticClass:\"list-unstyled-
  item\"},[_c('a',{attrs:{\"href\":\"https://twitter.com/icijorg\",\"target\":\"_blank\"}}],[_vm._v(\\\"\\n
  Twitter\\n
    \"))]]))]}\\n\\nexport { render, staticRenderFns }\",<template>\\n <footer class=\\\"generic-
  footer\\\">\\n <div class=\\\"container\\\">\\n <div class=\\\"row\\\">\\n <div class=\\\"col-md-5\\\">\\n <h5
  class=\\\"text-uppercase text-white clearfix generic-footer__icij mb-3\\\">\\n <a href=\\\"https://icij.org\\\"
  target=\\\"_blank\\\" class=\\\"generic-footer__icij__logo\\\">\\n <img src=\\\"../assets/images/icij@2x.png\\\"
  class=\\\"mw-100\\\" />\\n </a>\\n <a class=\\\"text-nowrap\\\" href=\\\"https://icij.org\\\" target=\\\"_blank\\\">\\n
  International Consortium of<br />\\n Investigative Journalists\\n </a>\\n </h5>\\n <p
  class=\\\"\\\">\\n 1710 Rhode Island Ave NW | 11th floor<br />\\n Washington DC 20006 USA\\n
</p>\\n <p>\\n <strong>\\n <a href=\\\"mailto:contact@icij.org\\\" class=\\\"text-selective-
  yellow\\\">contact@icij.org</a>\\n </strong>\\n </p>\\n </div>\\n <div class=\\\"col-md-7\\\">\\n
<div class=\\\"row justify-content-end\\\">\\n <div class=\\\"col-md-5\\\">\\n <h5 class=\\\"text-selective-
  yellow text-uppercase mb-3\\\">\\n {{ $('generic-footer.investigations') }}\\n </h5>\\n <!--
  @slot List of investigations -->\\n <slot name=\\\"investigations\\\">\\n <ul class=\\\"list-unstyled\\\">\\n
  <li class=\\\"list-unstyled-item\\\">\\n <a href=\\\"https://www.icij.org/investigations/paradise-
  papers/\\\" target=\\\"_blank\\\">\\n Paradise Papers\\n </a>\\n </li>\\n <li
  class=\\\"list-unstyled-item\\\">\\n <a href=\\\"https://www.icij.org/investigations/panama-papers/\\\"
  target=\\\"_blank\\\">\\n Panama Papers\\n </a>\\n </li>\\n <li class=\\\"list-
  unstyled-item\\\">\\n <a href=\\\"https://www.icij.org/investigations/world-bank\\\" target=\\\"_blank\\\">\\n
  Evicted and Abandoned\\n </a>\\n </li>\\n <li class=\\\"list-unstyled-item\\\">\\n
  <a href=\\\"https://www.icij.org/investigations/offshore/\\\" target=\\\"_blank\\\">\\n Secrecy for
  Sale\\n </a>\\n </li>\\n </ul>\\n </slot>\\n </div>\\n <div
  class=\\\"col-md-4\\\">\\n <h5 class=\\\"text-selective-yellow text-uppercase mb-3\\\">\\n {{ $('generic-
  footer.follow-us') }}\\n </h5>\\n <ul class=\\\"list-unstyled\\\">\\n <li class=\\\"list-unstyled-
  item\\\">\\n <a href=\\\"https://www.facebook.com/ICIJ.org\\\" target=\\\"_blank\\\">\\n Facebook\\n
  </a>\\n </li>\\n <li class=\\\"list-unstyled-item\\\">\\n <a
  href=\\\"https://www.linkedin.com/company/1732242/\\\" target=\\\"_blank\\\">\\n LinkedIn\\n
  </a>\\n </li>\\n <li class=\\\"list-unstyled-item\\\">\\n <a href=\\\"https://twitter.com/icijorg\\\"
  target=\\\"_blank\\\">\\n Twitter\\n </a>\\n </li>\\n </ul>\\n </div>\\n
</div>\\n </div>\\n </div>\\n <p class=\\\"text-white text-md-right small mt-5\\\">\\n <strong>© {{ year
  }} — The International Consortium of Investigative Journalists.</strong>\\n {{ $('generic-footer.all-rights')
  }}\\n <br />\\n <span v-if=\\\"version\\\" class=\\\"text-muted\\\">\\n {{ $('generic-footer.version', { version
  }) }}\\n </span>\\n </p>\\n </div>\\n </footer>\\n</template>\\n\\n<script>\\nimport i18n from
  '@i18n'\\n\\n/**\\n * GenericFooter\\n *\\nexport default {\\n i18n,\\n name: 'GenericFooter',\\n props: {\\n /**\\n *
  Version of the app to display in the bottom-right corner of the footer\\n *\\n version: {\\n type: String\\n }\\n
  },\\n computed: {\\n year () {\\n return (new Date()).getFullYear()\\n }\\n }\\n}\\n</script>\\n<style
  lang=\\\"scss\\\" scoped>\\n @import '../styles/lib';\\n\\n .generic-footer {\\n background: black;\\n color: #999;\\n
  padding:$spacer * 4 0;\\n\\n @include media-breakpoint-down(md) {\\n padding: $spacer;\\n }\\n\\n a {\\n
  color: inherit;\\n }\\n\\n h5 {\\n font-family: $font-family-sans-serif;\\n font-size: 1rem;\\n }\\n\\n &__icij
  {\\n display: flex;\\n justify-content: start;\\n align-items: center;\\n @include media-breakpoint-
  down(xs) {\\n display: block;\\n }\\n\\n &__logo {\\n display: block;\\n width: 54px;\\n flex: 0 0
  54px;\\n margin-right: 8px;\\n\\n @include media-breakpoint-down(xs) {\\n margin-bottom: $spacer;\\n

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}
}
}
}
</style>
", "import mod from \".!./../node_modules/cache-loader/dist/cjs.js??ref--12-0!./../node_modules/thread-loader/dist/cjs.js!./../node_modules/babel-loader/lib/index.js!./../node_modules/cache-loader/dist/cjs.js??ref--0!./../node_modules/vue-loader/lib/index.js??vue-loader-options!./GenericFooter.vue?vue&type=script&lang=js&\"; export default mod; export * from \".!./../node_modules/cache-loader/dist/cjs.js??ref--12-0!./../node_modules/thread-loader/dist/cjs.js!./../node_modules/babel-loader/lib/index.js!./../node_modules/cache-loader/dist/cjs.js??ref--0!./../node_modules/vue-loader/lib/index.js??vue-loader-options!./GenericFooter.vue?vue&type=script&lang=js&\";\", \"import { render, staticRenderFns } from \"../GenericFooter.vue?vue&type=template&id=203025b4&scoped=true&\"; \nimport script from \"../GenericFooter.vue?vue&type=script&lang=js&\"; \nexport * from \"../GenericFooter.vue?vue&type=script&lang=js&\"; \nimport style0 from \"../GenericFooter.vue?vue&type=style&index=0&id=203025b4&lang=scss&scoped=true&\"; \n\n/* normalize component */
\nimport normalizer from \".!./../node_modules/vue-loader/lib/runtime/componentNormalizer.js\";
\nvar component = normalizer(\n script,\n render,\n staticRenderFns,\n false,\n null,\n \"203025b4\",
\n null\n\n)\n\ncomponent.__file = \"GenericFooter.vue\";
\nexport default component.exports;
\", \"var render = function () { var _vm=this; var _h=_vm.$createElement; var _c=_vm._self._c||_h; return _c('div',[_c(_vm.rootElement,{ tag:\"component\",staticClass:\"navbar navbar-expand-lg navbar-light imddb-header\",class:{ 'headroom--frozen': !_vm.collapseNavbar },style:({ position: _vm.position }),attrs:{ 'id':\"imddb-header\", \"data-turbolinks-permanent\": \"\", \"offset\": 100, \"z-index\": 1020, \"on-unpin\": _vm.closeFollowUsPopover }},[_vm._t(\"brand\",[_c('a',{ staticClass:\"navbar-brand imddb-header__brand\",attrs:{ 'href':_vm.homeUrl }},[_c('img',{ staticClass:\"mr-3\",attrs:{ 'src':require(\"./assets/images/icij-black@2x.png\"),\"height\": \"25\" }},_vm._v(\"\\n\"+_vm._s(_vm.project)+\"\\n\"))]),_c('button',{ staticClass:\"navbar-toggler\",attrs:{ 'type':\"button\", \"aria-label\": \"Toggle navigation\" },on:{ 'click\":_vm.toggleNavbar }},[_c('span',{ staticClass:\"navbar-toggler-icon\"}))]),_c('div',{ staticClass:\"navbar-collapse\",class:{ collapse: _vm.collapseNavbar }},[_vm._t(\"navbar\",[_c('ul',{ staticClass:\"navbar-nav mr-auto\"}),[_c('b-nav-dropdown',{ on:{ 'show\":function($event){_vm.$root.$emit('bv::hide::popover') } }},[_c('template',{ slot:\"button-content\"}),[_vm._v(\"\\n\"+_vm._s(_vm.title)+\"\\n\"))]),_vm._l(_vm.dropdownItems,function(item,$index){return _c('b-dropdown-item',_vm._b({ key:$index,attrs:{ 'href':item.href }},'b-dropdown-item',{ active: !!item.active },false),[_vm._v(\"\\n\"+_vm._s(item.label)+\"\\n\"))]),2),1]),_c('ul',{ staticClass:\"navbar-nav\"}),[_c('li',{ staticClass:\"nav-item\"}),[_c('a',{ staticClass:\"nav-link\",attrs:{ 'href':\"https://www.icij.org/leak\", \"target\": \"_blank\" }},[_vm._v(\"\\n\"+_vm._s(_vm.$t('imddb-header.navbar.leak'))+\"\\n\"))]),_c('li',{ staticClass:\"nav-item mr-lg-3\"}),[_c('a',{ staticClass:\"nav-link\",attrs:{ 'href':\"#\" },on:{ 'click\":function($event){ $event.preventDefault();_vm.$refs.donateFormModal.show() } }},[_vm._v(\"\\n\"+_vm._s(_vm.$t('imddb-header.navbar.support'))+\"\\n\"))]),_c('li',{ staticClass:\"nav-item\"}),[_c('button',{ staticClass:\"btn btn-saddle-red btn-block font-weight-bold\",attrs:{ 'id\": \"follow-icij\" }},[_vm._v(\"\\n\"+_vm._s(_vm.$t('imddb-header.navbar.follow'))+\"\\n\"))]),_c('b-popover',{ attrs:{ 'container\": \"imddb-header\", \"target\": \"follow-icij\", \"placement\": \"bottomleft\", \"show\":_vm.showSignupPopover },on:{ 'update:show\":function($event){_vm.showSignupPopover=$event } }},[_c('follow-us-popover',{ attrs:{ 'show\":_vm.showSignupPopover },on:{ 'update:show\":function($event){_vm.showSignupPopover=$event } }},1),1]),2),2),_c('b-modal',{ ref:\"donateFormModal\",attrs:{ 'hide-footer\": \"\", \"lazy\": \"\", \"size\": \"lg\" }},[_c('span',{ staticClass:\"text-uppercase font-weight-bold text-primary\",attrs:{ 'slot\": \"modal-title\" },slot:\"modal-title\"}),[_vm._v(\"\\n\"+_vm._s(_vm.$t('imddb-header.navbar.support'))+\"\\n\"))]),_c('donate-form',{ attrs:{ 'no-title\": \"\" }},1),1)}\n\nvar staticRenderFns = []\n\nexport { render, staticRenderFns };\", \"import { mergeData } from 'vue-functional-data-merge';\n\nimport Link, {

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propsFactory as linkPropsFactory } from './link/link';\n\nexport var props = linkPropsFactory();\n\nexport default
{\n  functional: true,\n  props: props,\n  render: function render(h, _ref) {\n    var props = _ref.props,\n        data =
_ref.data,\n        children = _ref.children;\n\n    return h(Link, mergeData(data, {\n      props: props,\n      staticClass:
'dropdown-item',\n      attrs: { role: 'menuitem' } }\n    ), children);\n  }\n};","export default {\n  mounted: function
mounted() {\n    if (typeof document !== 'undefined') {\n      document.documentElement.addEventListener('click',
this._clickOutListener);\n    }\n  },\n  beforeDestroy: function beforeDestroy() {\n    if (typeof document !==
'undefined') {\n      document.documentElement.removeEventListener('click', this._clickOutListener);\n    }\n  },\n  methods: {\n    _clickOutListener: function _clickOutListener(e) {\n      if (!this.$el.contains(e.target)) {\n        if
(this.clickOutListener) {\n          this.clickOutListener();\n        }\n      }\n    }\n  },"import Popper from
'popper.js';\nimport clickoutMixin from './clickout';\nimport listenOnRootMixin from './listen-on-root';\nimport {
from as arrayFrom } from './utils/array';\nimport { assign } from './utils/object';\nimport KeyCodes from
'./utils/key-codes';\nimport BvEvent from './utils/bv-event.class';\nimport warn from './utils/warn';\nimport {
isVisible, closest, selectAll, getAttr, eventOn, eventOff } from './utils/dom';\n\n// Return an Array of visible
items\nfunction filterVisible(els) {\n  return (els || []).filter(isVisible);\n}\n\n// Dropdown item CSS selectors\n//
TODO: .dropdown-form handling\nvar ITEM_SELECTOR = '.dropdown-item:not(.disabled):not([disabled]);'\n\n//
Popper attachment positions\nvar AttachmentMap = {\n  // DropUp Left Align\n  TOP: 'top-start',\n  // DropUp
Right Align\n  TOPEND: 'top-end',\n  // Dropdown left Align\n  BOTTOM: 'bottom-start',\n  // Dropdown Right
Align\n  BOTTOMEND: 'bottom-end'\n};\n\nexport default {\n  mixins: [clickoutMixin, listenOnRootMixin],\n  props: {\n    disabled: {\n      type: Boolean,\n      default: false\n    },\n    text: {\n      // Button label\n      type:
String,\n      default: "\n    },\n    dropup: {\n      // place on top if possible\n      type: Boolean,\n      default: false\n    },\n    right: {\n      // Right align menu (default is left align)\n      type: Boolean,\n      default: false\n    },\n    offset:
{\n      // Number of pixels to offset menu, or a CSS unit value (i.e. 1px, 1rem, etc)\n      type: [Number, String],\n      default: 0\n    },\n    noFlip: {\n      // Disable auto-flipping of menu from bottom<=>top\n      type: Boolean,\n      default: false\n    },\n    popperOpts: {\n      type: Object,\n      default: function _default() {\n        }\n      },\n    data:
function data() {\n      return {\n        visible: false,\n        inNavbar: null,\n        visibleChangePrevented: false\n      };\n    },\n    created: function created() {\n      // Create non-reactive property\n      this._popper = null;\n    },\n    mounted:
function mounted() {\n      // To keep one dropdown opened on page\n      this.listenOnRoot('bv::dropdown::shown',
this.rootCloseListener);\n      // Hide when clicked on links\n      this.listenOnRoot('clicked::link',
this.rootCloseListener);\n      // Use new namespaced events\n      this.listenOnRoot('bv::link::clicked',
this.rootCloseListener);\n    },\n    /* istanbul ignore next: not easy to test */\n    deactivated: function deactivated() {\n      // In case we are inside a `<keep-alive>\n      this.visible = false;\n      this.setTouchStart(false);\n      this.removePopper();\n    },\n    /* istanbul ignore next: not easy to test */\n    beforeDestroy: function beforeDestroy() {\n      this.visible = false;\n      this.setTouchStart(false);\n      this.removePopper();\n    },\n    watch: {\n      visible:
function visible(newValue, oldValue) {\n        if (this.visibleChangePrevented) {\n          this.visibleChangePrevented
= false;\n          return;\n        }\n        if (newValue !== oldValue) {\n          var evtName = newValue ? 'show' : 'hide';\n          var bvEvt = new BvEvent(evtName, {\n            cancelable: true,\n            vueTarget: this,\n            target:
this.$refs.menu,\n            relatedTarget: null\n          });\n          this.emitEvent(bvEvt);\n          if (bvEvt.defaultPrevented) {\n            // Reset value and exit if canceled\n            this.visibleChangePrevented = true;\n            this.visible =
oldValue;\n            return;\n          }\n          if (evtName === 'show') {\n            this.showMenu();\n          } else {\n            this.hideMenu();\n          }\n        }\n      },\n      disabled: function disabled(newValue, oldValue) {\n        if (newValue !==
oldValue && newValue && this.visible) {\n          // Hide dropdown if disabled changes to true\n          this.visible =
false;\n        }\n      }\n    },\n    computed: {\n      toggler: function toggler() {\n        return this.$refs.toggle.$el ||
this.$refs.toggle;\n      }\n    },\n    methods: {\n      // Event emitter\n      emitEvent: function emitEvent(bvEvt) {\n        var
type = bvEvt.type;\n        this.$emit(type, bvEvt);\n        this.emitOnRoot('bv::dropdown::' + type, bvEvt);\n      },\n      showMenu: function showMenu() {\n        if (this.disabled) {\n          return;\n        }\n        // Ensure other menus are
closed\n        this.emitOnRoot('bv::dropdown::shown', this);\n        // Are we in a navbar ?\n        if (this.inNavbar ===
null && this.isNav) {\n          this.inNavbar = Boolean(closest('.navbar', this.$el));\n        }\n        // Disable totally
Popper.js for Dropdown in Navbar\n        /* istnbul ignore next: can't test popper in JSDOM */\n        if

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(!this.inNavbar) {\n    if (typeof Popper === 'undefined') {\n        warn('b-dropdown: Popper.js not found. Falling
back to CSS positioning.');
```

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    } else {\n        // for dropup with alignment we use the parent element as popper
container\n        var element = this.dropup && this.right || this.split ? this.$el : this.$refs.toggle;\n        // Make
sure we have a reference to an element, not a component!\n        element = element.$el || element;\n        //
Instantiate popper.js\n        this.createPopper(element);\n    }\n}\n\n    this.setTouchStart(true);\n    this.$emit('shown');\n    // Focus on the first item on show\n    this.$nextTick(this.focusFirstItem);\n},\n\nhideMenu: function hideMenu() {\n    this.setTouchStart(false);\n    this.emitOnRoot('bv::dropdown::hidden',
this);\n    this.$emit('hidden');\n    this.removePopper();\n},\n\ncreatePopper: function createPopper(element)
{\n    this.removePopper();\n    this._popper = new Popper(element, this.$refs.menu, this.getPopperConfig());\n
},\n\nremovePopper: function removePopper() {\n    if (this._popper) {\n        // Ensure popper event listeners are
removed cleanly\n        this._popper.destroy();\n    }\n    this._popper = null;\n},\n\ngetPopperConfig /*
istanbul ignore next: can't test popper in JSDOM */: function getPopperConfig() {\n    var placement =
AttachmentMap.BOTTOM;\n    if (this.dropup && this.right) {\n        // dropup + right\n        placement =
AttachmentMap.TOPEND;\n    } else if (this.dropup) {\n        // dropup + left\n        placement =
AttachmentMap.TOP;\n    } else if (this.right) {\n        // dropdown + right\n        placement =
AttachmentMap.BOTTOMEND;\n    }\n    var popperConfig = {\n        placement: placement,\n        modifiers:
{\n            offset: {\n                offset: this.offset || 0\n            },\n            flip: {\n                enabled: !this.noFlip\n            }\n        }\n    };\n    if (this.boundary) {\n        popperConfig.modifiers.preventOverflow = {\n            boundariesElement:
this.boundary\n        };\n    }\n    return assign(popperConfig, this.popperOpts || {});\n},\n\nsetTouchStart:
function setTouchStart(on) {\n    var _this = this;\n\n    /*\n     * If this is a touch-enabled device we add extra\n
     * empty mouseover listeners to the body's immediate children;\n     * only needed because of broken event
delegation on iOS\n     * https://www.quirksmode.org/blog/archives/2014/02/mouse_event_bub.html\n     */\n    if ('ontouchstart' in document.documentElement) {\n        var children = arrayFrom(document.body.children);\n        children.forEach(function (el) {\n            if (on) {\n                eventOn('mouseover', _this._noop);\n            } else {\n                eventOff('mouseover', _this._noop);\n            }\n        });\n    }\n\n    /* istanbul ignore next: not easy to test
*/\n    _noop: function _noop() {\n        // Do nothing event handler (used in touchstart event handler)\n    },\n\nrootCloseListener: function rootCloseListener(vm) {\n    if (vm !== this) {\n        this.visible = false;\n    }\n},\n\nclickOutListener: function clickOutListener() {\n    this.visible = false;\n},\n\nshow: function show() {\n    //
Public method to show dropdown\n    if (this.disabled) {\n        return;\n    }\n    this.visible = true;\n},\n\nhide: function hide() {\n    // Public method to hide dropdown\n    if (this.disabled) {\n        return;\n    }\n    this.visible = false;\n},\n\ntoggle: function toggle(evt) {\n    // Called only by a button that toggles the menu\n    evt = evt || {};\n    var type = evt.type;\n    var key = evt.keyCode;\n    if (type !== 'click' && !(type ===
'keydown' && (key === KeyCodes.ENTER || key === KeyCodes.SPACE || key === KeyCodes.DOWN))) {\n        // We only toggle on Click, Enter, Space, and Arrow Down\n        return;\n    }\n    if (this.disabled) {\n        this.visible = false;\n        return;\n    }\n    this.$emit('toggle', evt);\n    if (evt.defaultPrevented) {\n        // Exit if
canceled\n        return;\n    }\n    evt.preventDefault();\n    evt.stopPropagation();\n    // Toggle visibility\n    this.visible = !this.visible;\n},\n\nclick: function click(evt) {\n    // Called only in split button mode, for the split
button\n    if (this.disabled) {\n        this.visible = false;\n        return;\n    }\n    this.$emit('click', evt);\n},\n\n/* istanbul ignore next: not easy to test */\n\nonKeydown: function onKeydown(evt) {\n    // Called from
dropdown menu context\n    var key = evt.keyCode;\n    if (key === KeyCodes.ESC) {\n        // Close on ESC\n        this.onEsc(evt);\n    } else if (key === KeyCodes.TAB) {\n        // Close on tab out\n        this.onTab(evt);\n    }
else if (key === KeyCodes.DOWN) {\n        // Down Arrow\n        this.focusNext(evt, false);\n    } else if (key ===
KeyCodes.UP) {\n        // Up Arrow\n        this.focusNext(evt, true);\n    }\n},\n\n/* istanbul ignore next: not
easy to test */\n\nonEsc: function onEsc(evt) {\n    if (this.visible) {\n        this.visible = false;\n        evt.preventDefault();\n        evt.stopPropagation();\n        // Return focus to original trigger button\n        this.$nextTick(this.focusToggle);\n    }\n},\n\n/* istanbul ignore next: not easy to test */\n\nonTab: function
onTab(evt) {\n    if (this.visible) {\n        // TODO: Need special handler for dealing with form inputs\n        // Tab,
if in a text-like input, we should just focus next item in the dropdown\n        // Note: Inputs are in a special

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.dropdown-form container\n      this.visible = false;\n    }\n  },\n  onFocusOut: function onFocusOut(evt) {\n
if (this.$refs.menu.contains(evt.relatedTarget)) {\n      return;\n    }\n    this.visible = false;\n  },\n  /*
istanbul ignore next: not easy to test *\n  onMouseOver: function onMouseOver(evt) {\n    // Focus the item on
hover\n    // TODO: Special handling for inputs? Inputs are in a special .dropdown-form container\n    var item =
evt.target;\n    if (item.classList.contains('dropdown-item') && !item.disabled &&
!item.classList.contains('disabled') && item.focus) {\n      item.focus();\n    }\n  },\n  focusNext: function
focusNext(evt, up) {\n    var _this2 = this;\n\n    if (!this.visible) {\n      return;\n    }\n
evt.preventDefault();\n    evt.stopPropagation();\n    this.$nextTick(function () {\n      var items =
_this2.getItems();\n      if (items.length < 1) {\n        return;\n      }\n      var index = items.indexOf(evt.target);\n
      if (up && index > 0) {\n        index--;\n      } else if (!up && index < items.length - 1) {\n        index++;\n
      }\n      if (index < 0) {\n        index = 0;\n      }\n      _this2.focusItem(index, items);\n    });\n  },\n
focusItem: function focusItem(idx, items) {\n    var el = items.find(function (el, i) {\n      return i === idx;\n
    });\n    if (el && getAttr(el, 'tabindex') !== '-1') {\n      el.focus();\n    }\n  },\n  getItems: function getItems()
{\n    // Get all items\n    return filterVisible(selectAll(ITEM_SELECTOR, this.$refs.menu));\n  },\n
getFirstItem: function getFirstItem() {\n    // Get the first non-disabled item\n    var item = this.getItems()[0];\n
return item || null;\n  },\n  focusFirstItem: function focusFirstItem() {\n    var item = this.getFirstItem();\n    if
(item) {\n      this.focusItem(0, [item]);\n    }\n  },\n  focusToggle: function focusToggle() {\n    var toggler =
this.toggler;\n    if (toggler && toggler.focus) {\n      toggler.focus();\n    }\n  }\n};\n\nimport idMixin from
'../mixins/id';\nimport dropdownMixin from '../mixins/dropdown';\nexport default {\n  mixins: [idMixin,
dropdownMixin],\n  render: function render(h) {\n    var button = h('a', {\n      class: this.toggleClasses,\n      ref:
'toggle',\n      attrs: {\n        href: '#',\n        id: this.safeId('_BV_button_'),\n        disabled: this.disabled,\n        'aria-
haspopup': 'true',\n        'aria-expanded': this.visible ? 'true' : 'false'\n      },\n      on: {\n        click: this.toggle,\n
        keydown: this.toggle // space, enter, down\n      },\n      [this.$slots['button-content'] || this.$slots.text || h('span', {
domProps: { innerHTML: this.text } })]);\n    var menu = h('div', {\n      class: this.menuClasses,\n      ref: 'menu',\n
      attrs: {\n        'aria-labelledby': this.safeId('_BV_button_')\n      },\n      on: {\n        mouseover: this.onMouseOver,\n
        keydown: this.onKeydown // tab, up, down, esc\n      },\n      [this.$slots.default]);\n    return h('li', {\n      id:
this.safeId(),\n      class: this.dropdownClasses }, [button, menu]);\n  },\n  computed: {\n    isNav: function isNav() {\n
      // Signal to dropdown mixin that we are in a navbar\n      return true;\n    },\n    dropdownClasses: function
dropdownClasses() {\n      return ['nav-item', 'b-nav-dropdown', 'dropdown', this.dropup ? 'dropup' : '', this.visible ?
'show' : ''];\n    },\n    toggleClasses: function toggleClasses() {\n      return ['nav-link', this.noCaret ? '' : 'dropdown-
toggle', this.disabled ? 'disabled' : '', this.extraToggleClasses ? this.extraToggleClasses : ''];\n    },\n    menuClasses:
function menuClasses() {\n      return ['dropdown-menu', this.right ? 'dropdown-menu-right' : 'dropdown-menu-left',
this.visible ? 'show' : '', this.extraMenuClasses ? this.extraMenuClasses : ''];\n    }\n  },\n  props: {\n    noCaret: {\n
type: Boolean,\n    default: false\n  },\n    extraToggleClasses: {\n      // Extra Toggle classes\n      type: String,\n
      default: ''\n    },\n    extraMenuClasses: {\n      // Extra Menu classes\n      type: String,\n      default: ''\n    },\n    role:
{\n      type: String,\n      default: 'menu'\n    }\n  },\n  methods: {\n    _createClass: function () {\n      function
defineProperties(target, props) {\n        for (var i = 0; i < props.length; i++)\n          { var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false; descriptor.configurable = true; if
(!"value" in descriptor) descriptor.writable = true; Object.defineProperty(target, descriptor.key, descriptor); }\n      }\n      return function (Constructor, protoProps, staticProps) {\n        if (protoProps) defineProperties(Constructor.prototype,
protoProps);\n        if (staticProps) defineProperties(Constructor, staticProps);\n        return Constructor;\n      }; }\n\n    _classCallCheck(instance, Constructor) {\n      if (!(instance instanceof Constructor)) {\n        throw new
TypeError("Cannot call a class as a function");\n      }\n    }\n\n    import Popper from 'popper.js';\n    import BvEvent from './bv-event.class';\n    import { assign } from './object';\n    import { from as arrayFrom } from './array';\n    import { closest, select, isVisible,
isDisabled, getCS, addClass, removeClass, hasClass, setAttr, removeAttr, getAttr, eventOn, eventOff } from
'./dom';\n\n    var NAME = 'tooltip';\n    var CLASS_PREFIX = 'bs-tooltip';\n    var BSCLS_PREFIX_REGEX = new

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RegExp('\\\\b' + CLASS_PREFIX + '\\\\S+', 'g');\n\nvar TRANSITION_DURATION = 150;\n\n// Modal $root
hidden event\nvar MODAL_CLOSE_EVENT = 'bv::modal::hidden';\n\n// Modal container for appending
tip/popover\nvar MODAL_CLASS = '.modal-content';\n\nvar AttachmentMap = {\n  AUTO: 'auto',\n  TOP: 'top',\n  RIGHT: 'right',\n  BOTTOM: 'bottom',\n  LEFT: 'left',\n  TOPLEFT: 'top',\n  TOPRIGHT: 'top',\n  RIGHTTOP:
'right',\n  RIGHTBOTTOM: 'right',\n  BOTTOMLEFT: 'bottom',\n  BOTTOMRIGHT: 'bottom',\n  LEFTTOP:
'left',\n  LEFTBOTTOM: 'left'\n};\n\nvar OffsetMap = {\n  AUTO: 0,\n  TOPLEFT: -1,\n  TOP: 0,\n  TOPRIGHT:
+1,\n  RIGHTTOP: -1,\n  RIGHT: 0,\n  RIGHTBOTTOM: +1,\n  BOTTOMLEFT: -1,\n  BOTTOM: 0,\n
BOTTOMRIGHT: +1,\n  LEFTTOP: -1,\n  LEFT: 0,\n  LEFTBOTTOM: +1\n};\n\nvar HoverState = {\n  SHOW:
'show',\n  OUT: 'out'\n};\n\nvar ClassName = {\n  FADE: 'fade',\n  SHOW: 'show'\n};\n\nvar Selector = {\n
TOOLTIP: '.tooltip',\n  TOOLTIP_INNER: '.tooltip-inner',\n  ARROW: '.arrow'\n\n // ESLINT: Not used\n // const
Trigger = {\n  // HOVER: 'hover',\n  // FOCUS: 'focus',\n  // CLICK: 'click',\n  // BLUR: 'blur',\n  //
MANUAL: 'manual'\n // }\n\n};\n\nvar Defaults = {\n  animation: true,\n  template: '<div class="tooltip"
role="tooltip">' + '<div class="arrow"></div>' + '<div class="tooltip-inner"></div>' + '</div>',\n
trigger: 'hover
focus',\n  title: "",\n  delay: 0,\n  html: false,\n  placement: 'top',\n  offset: 0,\n  arrowPadding: 6,\n  container: false,\n
fallbackPlacement: 'flip',\n  callbacks: {},\n  boundary: 'scrollParent'\n\n // Transition Event names\n};\n\nvar
TransitionEndEvents = {\n  WebkitTransition: ['webkitTransitionEnd'],\n  MozTransition: ['transitionend'],\n
OTransition: ['otransitionend', 'oTransitionEnd'],\n  transition: ['transitionend']\n\n // Client Side Tip ID counter for
aria-describedby attribute\n // Could use Alex's uid generator util\n // Each tooltip requires a unique client side
ID\n};\n\nvar NEXTID = 1;\n\n// istanbul ignore next *\nfunction generateId(name) {\n  return '__BV_' + name + '_' +
NEXTID++ + '__';\n}\n\n// *\n * ToolTip Class definition\n *\n\n// istanbul ignore next: difficult to test in
Jest/JSDOM environment *\n\nvar ToolTip = function () {\n  // Main constructor\n  function ToolTip(element,
config, $root) {\n    _classCallCheck(this, ToolTip);\n\n    // New tooltip object\n    this.$isEnabled = true;\n
this.$fadeOutTimeout = null;\n    this.$hoverTimeout = null;\n    this.$visibleInterval = null;\n    this.$hoverState =
"";\n    this.$activeTrigger = {};\n    this.$popper = null;\n    this.$element = element;\n    this.$tip = null;\n
this.$id =
generateId(this.constructor.NAME);\n    this.$root = $root || null;\n    this.$routeWatcher = null;\n    // We use a
bound version of the following handlers for root/modal listeners to maintain the 'this' context\n    this.$forceHide =
this.forceHide.bind(this);\n    this.$doHide = this.doHide.bind(this);\n    this.$doShow = this.doShow.bind(this);\n
this.$doDisable = this.doDisable.bind(this);\n    this.$doEnable = this.doEnable.bind(this);\n    // Set the
configuration\n    this.updateConfig(config);\n  }\n\n  // NOTE: Overridden by PopOver class\n\n  _createClass(ToolTip, [{\n    key: 'updateConfig',\n\n    // Update config\n    value: function updateConfig(config)
{\n      // Merge config into defaults. We use "this" here because PopOver overrides Default\n      var
updatedConfig = assign({}, this.constructor.Default, config);\n\n      // Sanitize delay\n      if (config.delay &&
typeof config.delay === 'number') {\n        updatedConfig.delay = {\n          show: config.delay,\n          hide:
config.delay\n        };\n      }\n\n      // Title for tooltip and popover\n      if (config.title && typeof config.title ===
'number') {\n        updatedConfig.title = config.title.toString();\n      }\n\n      // Content only for popover\n      if
(config.content && typeof config.content === 'number') {\n        updatedConfig.content =
config.content.toString();\n      }\n\n      // Hide element original title if needed\n      this.fixTitle();\n\n      // Update the
config\n      this.$config = updatedConfig;\n\n      // Stop/Restart listening\n      this.unlisten();\n      this.listen();\n
}\n\n    // Destroy this instance\n  }, {\n    key: 'destroy',\n\n    // Stop listening to
trigger events\n    value: function destroy() {\n      // Stop listening to
trigger events\n      this.unlisten();\n\n      // Disable while open listeners/watchers\n      this.setWhileOpenListeners(false);\n\n      // Clear any timeouts\n      clearTimeout(this.$hoverTimeout);\n
this.$hoverTimeout = null;\n      clearTimeout(this.$fadeOutTimeout);\n      this.$fadeOutTimeout = null;\n\n      // Remove
popper\n      if (this.$popper) {\n        this.$popper.destroy();\n      }\n      this.$popper = null;\n\n      // Remove tip
from document\n      if (this.$tip && this.$tip.parentElement) {\n
this.$tip.parentElement.removeChild(this.$tip);\n      }\n      this.$tip = null;\n\n      // Null out other properties\n      this.$id = null;\n      this.$isEnabled = null;\n      this.$root = null;\n      this.$element = null;\n      this.$config =
null;\n      this.$hoverState = null;\n      this.$activeTrigger = null;\n      this.$forceHide = null;\n      this.$doHide =
null;\n      this.$doShow = null;\n      this.$doDisable = null;\n      this.$doEnable = null;\n    }\n  }, {\n    key:

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'enable',\n value: function enable() {\n // Create a non-cancelable BvEvent\n var enabledEvt = new
BvEvent('enabled', {\n cancelable: false,\n target: this.$element,\n relatedTarget: null\n });\n
this.$isEnabled = true;\n this.emitEvent(enabledEvt);\n }\n }, {\n key: 'disable',\n value: function disable()
{\n // Create a non-cancelable BvEvent\n var disabledEvt = new BvEvent('disabled', {\n cancelable:
false,\n target: this.$element,\n relatedTarget: null\n });\n this.$isEnabled = false;\n
this.emitEvent(disabledEvt);\n }\n\n // Click toggler\n\n }, {\n key: 'toggle',\n value: function toggle(event)
{\n if (!this.$isEnabled) {\n return;\n }\n if (event) {\n this.$activeTrigger.click =
!this.$activeTrigger.click;\n\n if (this.isWithActiveTrigger()) {\n this.enter(null);\n } else {\n
this.leave(null);\n }\n } else {\n if (hasClass(this.getTipElement(), ClassName.SHOW)) {\n
this.leave(null);\n } else {\n this.enter(null);\n }\n }\n }\n\n // Show tooltip\n\n }, {\n key:
'show',\n value: function show() {\n var _this = this;\n\n if (!document.body.contains(this.$element) ||
!isVisible(this.$element)) {\n // If trigger element isn't in the DOM or is not visible\n return;\n }\n //
Build tooltip element (also sets this.$tip)\n var tip = this.getTipElement();\n this.fixTitle();\n
this.setContent(tip);\n if (!this.isWithContent(tip)) {\n // if No content, don't bother showing\n this.$tip =
null;\n return;\n }\n\n // Set ID on tip and aria-describedby on element\n setAttr(tip, 'id', this.$id);\n
this.addAriaDescribedby();\n // Set animation on or off\n if (this.$config.animation) {\n addClass(tip,
ClassName.FADE);\n } else {\n removeClass(tip, ClassName.FADE);\n }\n\n var placement =
this.getPlacement();\n var attachment = this.constructor.getAttachment(placement);\n
this.addAttachmentClass(attachment);\n\n // Create a cancelable BvEvent\n var showEvt = new
BvEvent('show', {\n cancelable: true,\n target: this.$element,\n relatedTarget: tip\n });\n
this.emitEvent(showEvt);\n if (showEvt.defaultPrevented) {\n // Don't show if event cancelled\n this.$tip
= null;\n return;\n }\n\n // Insert tooltip if needed\n var container = this.getContainer();\n if
(!document.body.contains(tip)) {\n container.appendChild(tip);\n }\n\n // Refresh popper\n
this.removePopper();\n this.$popper = new Popper(this.$element, tip, this.getPopperConfig(placement, tip));\n\n
// Transitionend Callback\n var complete = function complete() {\n if (_this.$config.animation) {\n
_this.fixTransition(tip);\n }\n var prevHoverState = _this.$hoverState;\n _this.$hoverState = null;\n
if (prevHoverState === HoverState.OUT) {\n _this.leave(null);\n }\n // Create a non-cancelable
BvEvent\n var shownEvt = new BvEvent('shown', {\n cancelable: false,\n target: _this.$element,\n
relatedTarget: tip\n });\n _this.emitEvent(shownEvt);\n });\n\n // Enable while open
listeners/watchers\n this.setWhileOpenListeners(true);\n\n // Show tip\n addClass(tip,
ClassName.SHOW);\n\n // Start the transition/animation\n this.transitionOnce(tip, complete);\n }\n\n //
handler for periodic visibility check\n\n }, {\n key: 'visibleCheck',\n value: function visibleCheck(on) {\n var
_this2 = this;\n\n clearInterval(this.$visibleInterval);\n this.$visibleInterval = null;\n if (on) {\n
this.$visibleInterval = setInterval(function () {\n var tip = _this2.getTipElement();\n if (tip &&
!isVisible(_this2.$element) && hasClass(tip, ClassName.SHOW)) {\n // Element is no longer visible, so
force-hide the tooltip\n _this2.forceHide();\n }\n }, 100);\n }\n }\n }, {\n key:
'setWhileOpenListeners',\n value: function setWhileOpenListeners(on) {\n // Modal close events\n
this.setModalListener(on);\n // Periodic $element visibility check\n // For handling when tip is in <keepalive>,
tabs, carousel, etc\n this.visibleCheck(on);\n // Route change events\n this.setRouteWatcher(on);\n //
Ontouch start listeners\n this.setOnTouchStartListener(on);\n if (on &&
/(focus|blur)/.test(this.$config.trigger)) {\n // If focus moves between trigger element and tip container, dont
close\n eventOn(this.$tip, 'focusout', this);\n } else {\n eventOff(this.$tip, 'focusout', this);\n }\n
}\n\n // force hide of tip (internal method)\n\n }, {\n key: 'forceHide',\n value: function forceHide() {\n if
(!this.$tip || !hasClass(this.$tip, ClassName.SHOW)) {\n return;\n }\n // Disable while open
listeners/watchers\n this.setWhileOpenListeners(false);\n // Clear any hover enter/leave event\n
clearTimeout(this.$hoverTimeout);\n this.$hoverTimeout = null;\n this.$hoverState = ";\n // Hide the tip\n
this.hide(null, true);\n }\n\n // Hide tooltip\n\n }, {\n key: 'hide',\n value: function hide(callback, force) {\n
var _this3 = this;\n var tip = this.$tip;\n if (!tip) {\n return;\n }\n\n // Create a cancelable

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BvEvent\n    var hideEvt = new BvEvent('hide', {\n        // We disable cancelling if force is true\n        cancelable:
!force,\n        target: this.$element,\n        relatedTarget: tip\n    });\n    this.emitEvent(hideEvt);\n    if
(hideEvt.defaultPrevented) {\n        // Don't hide if event cancelled\n        return;\n    }\n\n    // Transitionend
Callback\n    /* istanbul ignore next */\n    var complete = function complete() {\n        if (_this3.$hoverState !==
HoverState.SHOW && tip.parentNode) {\n            // Remove tip from dom, and force recompile on next show\n
tip.parentNode.removeChild(tip);\n            _this3.removeAriaDescribedby();\n            _this3.removePopper();\n
_this3.$tip = null;\n        }\n        if (callback) {\n            callback();\n        }\n        // Create a non-cancelable
BvEvent\n        var hiddenEvt = new BvEvent('hidden', {\n            cancelable: false,\n            target: _this3.$element,\n
            relatedTarget: null\n        });\n        _this3.emitEvent(hiddenEvt);\n    }; \n\n    // Disable while open
listeners/watchers\n    this.setWhileOpenListeners(false);\n\n    // If forced close, disable animation\n    if (force)
{\n        removeClass(tip, ClassName.FADE);\n    }\n    // Hide tip\n    removeClass(tip, ClassName.SHOW);\n\n    this.$activeTrigger.click = false;\n    this.$activeTrigger.focus = false;\n    this.$activeTrigger.hover = false;\n\n
    // Start the hide transition\n    this.transitionOnce(tip, complete);\n\n    this.$hoverState = '';\n    }\n    }, {\n
key: 'emitEvent',\n    value: function emitEvent(evt) {\n        var evtName = evt.type;\n        if (this.$root &&
this.$root.$emit) {\n            // Emit an event on $root\n            this.$root.$emit('bv::' + this.constructor.NAME + '::' +
evtName, evt);\n        }\n        var callbacks = this.$config.callbacks || {};\n        if (typeof callbacks[evtName] ===
'function') {\n            callbacks[evtName](evt);\n        }\n    }, {\n    key: 'getContainer',\n    value: function
getContainer() {\n        var container = this.$config.container;\n        var body = document.body;\n        // If we are in a
modal, we append to the modal instead of body, unless a container is specified\n        return container === false ?
closest(MODAL_CLASS, this.$element) || body : select(container, body) || body;\n    }\n\n    // Will be overridden by
popover if needed\n    }, {\n    key: 'addAriaDescribedby',\n    value: function addAriaDescribedby() {\n        // Add
aria-describedby on trigger element, without removing any other IDs\n        var desc = getAttr(this.$element, 'aria-
describedby') || '';\n        desc = desc.split(/\\s+/).concat(this.$id).join(' ').trim();\n        setAttr(this.$element, 'aria-
describedby', desc);\n    }\n\n    // Will be overridden by popover if needed\n    }, {\n    key:
'removeAriaDescribedby',\n    value: function removeAriaDescribedby() {\n        var _this4 = this;\n\n        var desc =
getAttr(this.$element, 'aria-describedby') || '';\n        desc = desc.split(/\\s+/).filter(function (d) {\n            return d !==
_this4.$id;\n        }).join(' ').trim();\n        if (desc) {\n            setAttr(this.$element, 'aria-describedby', desc);\n        } else
{\n            removeAttr(this.$element, 'aria-describedby');\n        }\n    }, {\n    key: 'removePopper',\n    value:
function removePopper() {\n        if (this.$popper) {\n            this.$popper.destroy();\n        }\n        this.$popper = null;\n
    }\n\n    /* istanbul ignore next */\n    }, {\n    key: 'transitionOnce',\n    value: function transitionOnce(tip, complete)
{\n        var _this5 = this;\n\n        var transEvents = this.getTransitionEndEvents();\n        var called = false;\n
clearTimeout(this.$fadeTimeout);\n        this.$fadeTimeout = null;\n        var fnOnce = function fnOnce() {\n            if
(called) {\n                return;\n            }\n            called = true;\n            clearTimeout(_this5.$fadeTimeout);\n
_this5.$fadeTimeout = null;\n            transEvents.forEach(function (evtName) {\n                eventOff(tip, evtName,
fnOnce);\n            });\n            // Call complete callback\n            complete();\n        }; \n        if (hasClass(tip,
ClassName.FADE)) {\n            transEvents.forEach(function (evtName) {\n                eventOn(tip, evtName, fnOnce);\n
            });\n            // Fallback to setTimeout\n            this.$fadeTimeout = setTimeout(fnOnce,
TRANSITION_DURATION);\n        } else {\n            fnOnce();\n        }\n    }\n\n    // What transitionend event(s) to
use? (returns array of event names)\n    }, {\n    key: 'getTransitionEndEvents',\n    value: function
getTransitionEndEvents() {\n        for (var name in TransitionEndEvents) {\n            if (this.$element.style[name] !==
undefined) {\n                return TransitionEndEvents[name];\n            }\n        }\n        // fallback\n        return [];\n    }, {\n
key: 'update',\n    value: function update() {\n        if (this.$popper !== null) {\n            this.$popper.scheduleUpdate();\n
        }\n    }\n\n    // NOTE: Overridden by PopOver class\n    }, {\n    key: 'isWithContent',\n    value: function
isWithContent(tip) {\n        tip = tip || this.$tip;\n        if (!tip) {\n            return false;\n        }\n        return
Boolean((select(Selector.TOOLTIP_INNER, tip) || {}).innerHTML);\n    }\n\n    // NOTE: Overridden by PopOver
class\n    }, {\n    key: 'addAttachmentClass',\n    value: function addAttachmentClass(attachment) {\n        addClass(this.getTipElement(), CLASS_PREFIX + '-' + attachment);\n    }, {\n    key: 'getTipElement',\n    value: function getTipElement() {\n        if (!this.$tip) {\n            // Try and compile user supplied template, or fallback

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to default template\n    this.$tip = this.compileTemplate(this.$config.template) ||
this.compileTemplate(this.constructor.Default.template);\n    }\n    // Add tab index so tip can be focused, and to
allow it to be set as relatedTarget in focusin/out events\n    this.$tip.tabIndex = -1;\n    return this.$tip;\n    }\n  },
{\n    key: 'compileTemplate',\n    value: function compileTemplate(html) {\n    if (!html || typeof html !== 'string')
{\n    return null;\n    }\n    var div = document.createElement('div');\n    div.innerHTML = html.trim();\n    var node = div.firstChild ? div.removeChild(div.firstChild) : null;\n    div = null;\n    return
node;\n    }\n  }\n  // NOTE: Overridden by PopOver class\n  }, {\n    key: 'setContent',\n    value: function
setContent(tip) {\n    this.setElementContent(select(Selector.TOOLTIP_INNER, tip), this.getTitle());\n
removeClass(tip, ClassName.FADE);\n    removeClass(tip, ClassName.SHOW);\n    }\n  }, {\n    key:
'setElementContent',\n    value: function setElementContent(container, content) {\n    if (!container) {\n    // If
container element doesn't exist, just return\n    return;\n    }\n    var allowHtml = this.$config.html;\n    if
((typeof content === 'undefined' ? 'undefined' : _typeof(content)) === 'object' && content.nodeType) {\n    //
content is a DOM node\n    if (allowHtml) {\n    if (content.parentElement !== container) {\n
container.innerHTML = ";\n    container.appendChild(content);\n    }\n    } else {\n
container.innerText = content.innerText;\n    }\n    } else {\n    // We have a plain HTML string or Text\n
container[allowHtml ? 'innerHTML' : 'innerText'] = content;\n    }\n    }\n  }\n  // NOTE: Overridden by PopOver
class\n  }, {\n    key: 'getTitle',\n    value: function getTitle() {\n    var title = this.$config.title || ";\n    if (typeof
title === 'function') {\n    // Call the function to get the title value\n    title = title(this.$element);\n    }\n    if
((typeof title === 'undefined' ? 'undefined' : _typeof(title)) === 'object' && title.nodeType &&
!title.innerHTML.trim()) {\n    // We have a DOM node, but without inner content, so just return empty string\n
title = ";\n    }\n    if (typeof title === 'string') {\n    title = title.trim();\n    }\n    if (!title) {\n    // If an
explicit title is not given, try element's title attributes\n    title = getAttr(this.$element, 'title') ||
getAttr(this.$element, 'data-original-title') || ";\n    title = title.trim();\n    }\n    return title;\n    }\n  }, {\n
key: 'listen',\n    value: function listen() {\n    var _this6 = this;\n    var triggers =
this.$config.trigger.trim().split(/\\s+/);\n    var el = this.$element;\n    // Listen for global show/hide events\n
this.setRootListener(true);\n    // Using 'this' as the handler will get automatically directed to this.handleEvent\n
// And maintain our binding to 'this'\n    triggers.forEach(function (trigger) {\n    if (trigger === 'click') {\n
eventOn(el, 'click', _this6);\n    } else if (trigger === 'focus') {\n    eventOn(el, 'focusin', _this6);\n
eventOn(el, 'focusout', _this6);\n    } else if (trigger === 'blur') {\n    // Used to close $tip when element loses
focus\n    eventOn(el, 'focusout', _this6);\n    } else if (trigger === 'hover') {\n    eventOn(el, 'mouseenter',
_this6);\n    eventOn(el, 'mouseleave', _this6);\n    }\n    }, this);\n    }\n  }, {\n    key: 'unListen',\n    value:
function unListen() {\n    var _this7 = this;\n    var events = ['click', 'focusin', 'focusout', 'mouseenter',
'mouseleave'];\n    // Using \"this\" as the handler will get automatically directed to this.handleEvent\n
events.forEach(function (evt) {\n    eventOff(_this7.$element, evt, _this7);\n    }, this);\n    // Stop listening
for global show/hide/enable/disable events\n    this.setRootListener(false);\n    }\n  }, {\n    key: 'handleEvent',\n    value: function handleEvent(e) {\n    // This special method allows us to use \"this\" as the event handlers\n    if
(isDisabled(this.$element)) {\n    // If disabled, don't do anything. Note: if tip is shown before element gets\n
// disabled, then tip not close until no longer disabled or forcefully closed.\n    return;\n    }\n    if
(!this.$isEnabled) {\n    // If not enable\n    return;\n    }\n    var type = e.type;\n    var target = e.target;\n
var relatedTarget = e.relatedTarget;\n    var $element = this.$element;\n    var $tip = this.$tip;\n    if (type ===
'click') {\n    this.toggle(e);\n    } else if (type === 'focusin' || type === 'mouseenter') {\n    this.enter(e);\n    }
else if (type === 'focusout') {\n    // target is the element which is loosing focus\n    // And relatedTarget is the
element gaining focus\n    if ($tip && $element && $element.contains(target) && $tip.contains(relatedTarget))
{\n    // If focus moves from $element to $tip, don't trigger a leave\n    return;\n    }\n    if ($tip &&
$element && $tip.contains(target) && $element.contains(relatedTarget)) {\n    // If focus moves from $tip to
$element, don't trigger a leave\n    return;\n    }\n    if ($tip && $tip.contains(target) &&
$tip.contains(relatedTarget)) {\n    // If focus moves within $tip, don't trigger a leave\n    return;\n    }\n    if
($element && $element.contains(target) && $element.contains(relatedTarget)) {\n    // If focus moves within

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$element, don't trigger a leave\n    return;\n    }\n    // Otherwise trigger a leave\n    this.leave(e);\n  }\n  else if (type === 'mouseleave') {\n    this.leave(e);\n  }\n  }\n  /* istanbul ignore next */\n  }, {\n    key: 'setRouteWatcher',\n    value: function setRouteWatcher(on) {\n      var _this8 = this;\n      if (on) {\n        this.setRouteWatcher(false);\n        if (this.$root && Boolean(this.$root.$route)) {\n          this.$routeWatcher =\n            this.$root.$watch('$route', function (newVal, oldVal) {\n              if (newVal === oldVal) {\n                return;\n              }\n              // If route has changed, we force hide the tooltip/popover\n              _this8.forceHide();\n            });\n        }\n      } else {\n        if (this.$routeWatcher) {\n          // cancel the route watcher by calling the stored reference\n          this.$routeWatcher();\n          this.$routeWatcher = null;\n        }\n      }\n    }\n  }, {\n    key: 'setModalListener',\n    value: function setModalListener(on) {\n      var modal =\n        closest(MODAL_CLASS, this.$element);\n      if (!modal) {\n        // If we are not in a modal, don't worry. be\n        happy\n        return;\n      }\n      // We can listen for modal hidden events on $root\n      if (this.$root) {\n        this.$root.on ? '$on' : '$off'](MODAL_CLOSE_EVENT, this.$forceHide);\n      }\n    }\n  }, {\n    key: 'setRootListener',\n    value: function setRootListener(on) {\n      // Listen for global\n      'bv:::hide|show):::tooltip|popover' hide request event\n      if (this.$root) {\n        this.$root.on ? '$on' :\n        '$off']('bv:::hide:::' + this.constructor.NAME, this.$doHide);\n        this.$root.on ? '$on' : '$off']('bv:::show:::' +\n        this.constructor.NAME, this.$doShow);\n        this.$root.on ? '$on' : '$off']('bv:::disable:::' + this.constructor.NAME,\n        this.$doDisable);\n        this.$root.on ? '$on' : '$off']('bv:::enable:::' + this.constructor.NAME, this.$doEnable);\n      }\n    }\n  }, {\n    key: 'doHide',\n    value: function doHide(id) {\n      // Programmatically hide tooltip or popover\n      if (!id) {\n        // Close all tooltips or popovers\n        this.forceHide();\n      } else if (this.$element &&\n        this.$element.id && this.$element.id === id) {\n        // Close this specific tooltip or popover\n        this.hide();\n      }\n    }\n  }, {\n    key: 'doShow',\n    value: function doShow(id) {\n      // Programmatically show tooltip or\n      popover\n      if (!id) {\n        // Open all tooltips or popovers\n        this.show();\n      } else if (id && this.$element\n        && this.$element.id && this.$element.id === id) {\n        // Show this specific tooltip or popover\n        this.show();\n      }\n    }\n  }, {\n    key: 'doDisable',\n    value: function doDisable(id) {\n      // Programmatically\n      disable tooltip or popover\n      if (!id) {\n        // Disable all tooltips or popovers\n        this.disable();\n      } else if\n        (this.$element && this.$element.id && this.$element.id === id) {\n        // Disable this specific tooltip or popover\n        this.disable();\n      }\n    }\n  }, {\n    key: 'doEnable',\n    value: function doEnable(id) {\n      // Programmatically enable tooltip or popover\n      if (!id) {\n        // Enable all tooltips or popovers\n        this.enable();\n      } else if (this.$element && this.$element.id && this.$element.id === id) {\n        // Enable this\n        specific tooltip or popover\n        this.enable();\n      }\n    }\n  }, {\n    key: 'setOnTouchStartListener',\n    value: function setOnTouchStartListener(on) {\n      var _this9 = this;\n      // if this\n      is a touch-enabled device we add extra\n      // empty mouseover listeners to the body's immediate children;\n      //\n      // only needed because of broken event delegation on iOS\n      //\n      // https://www.quirksmode.org/blog/archives/2014/02/mouse_event_bub.html\n      if ('ontouchstart' in\n        document.documentElement) {\n        arrayFrom(document.body.children).forEach(function (el) {\n          if (on) {\n            eventOn(el, 'mouseover', _this9._noop);\n          } else {\n            eventOff(el, 'mouseover', _this9._noop);\n          }\n        });\n      }\n    }\n  }, {\n    key: '_noop',\n    value: function _noop() {\n      // Empty noop handler for ouchstart devices\n    }\n  }, {\n    key: 'fixTitle',\n    value: function fixTitle() {\n      var el = this.$element;\n      var titleType = _typeof(getAttr(el, 'data-original-title'));\n      if (getAttr(el, 'title') ||\n        titleType !== 'string') {\n        setAttr(el, 'data-original-title', getAttr(el, 'title') || '');\n        setAttr(el, 'title', '');\n      }\n    }\n  }, {\n    key: 'enter',\n    value: function enter(e) {\n      var _this10 = this;\n      if (e) {\n        this.$activeTrigger[e.type === 'focusin' ? 'focus' : 'hover'] = true;\n      }\n      if (hasClass(this.getTipElement(), ClassName.SHOW) || this.$shoverState === HoverState.SHOW) {\n        this.$shoverState = HoverState.SHOW;\n        return;\n      }\n      clearTimeout(this.$shoverTimeout);\n      this.$shoverState = HoverState.SHOW;\n      if (!this.$config.delay || !this.$config.delay.show) {\n        this.show();\n        return;\n      }\n      this.$shoverTimeout = setTimeout(function () {\n        if (_this10.$shoverState ===\n          HoverState.SHOW) {\n          _this10.show();\n        }\n      }, this.$config.delay.show);\n    }\n  }, {\n    key: 'leave',\n    value: function leave(e) {\n      var _this11 =

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this;\n\n  if (e) {\n    this.$activeTrigger[e.type === 'focusout' ? 'focus' : 'hover'] = false;\n    if (e.type === 'focusout' && /blur/.test(this.$config.trigger)) {\n      // Special case for `blur`: we clear out the other triggers\n      this.$activeTrigger.click = false;\n      this.$activeTrigger.hover = false;\n    }\n  }\n  if (this.isWithActiveTrigger()) {\n    return;\n  }\n  clearTimeout(this.$shoverTimeout);\n  this.$shoverState = HoverState.OUT;\n  if (!this.$config.delay || !this.$config.delay.hide) {\n    this.hide();\n    return;\n  }\n  this.$shoverTimeout = setTimeout(function () {\n    if (_this11.$shoverState === HoverState.OUT) {\n      _this11.hide();\n    }\n  }, this.$config.delay.hide);\n  }, {\n    key: 'getPopperConfig',\n    value: function getPopperConfig(placement, tip) {\n      var _this12 = this;\n      return {\n        placement: this.constructor.getAttachment(placement),\n        modifiers: {\n          offset: { offset: this.getOffset(placement, tip) },\n          flip: { behavior: this.$config.fallbackPlacement },\n          arrow: { element: '.arrow' },\n          preventOverflow: { boundariesElement: this.$config.boundary }\n        },\n        onCreate: function onCreate(data) {\n          // Handle flipping arrow classes\n          if (data.originalPlacement !== data.placement) {\n            _this12.handlePopperPlacementChange(data);\n          }\n        },\n        onUpdate: function onUpdate(data) {\n          // Handle flipping arrow classes\n          _this12.handlePopperPlacementChange(data);\n        }\n      };,\n    }, {\n    key: 'getOffset',\n    value: function getOffset(placement, tip) {\n      if (!this.$config.offset) {\n        var arrow = select(Selector.ARROW, tip);\n        var arrowOffset = parseFloat(getCS(arrow).width) + parseFloat(this.$config.arrowPadding);\n        switch (OffsetMap[placement.toUpperCase()]) {\n          case +1:\n            return '+50%p - ' + arrowOffset + 'px';\n          case -1:\n            return '-50%p + ' + arrowOffset + 'px';\n          default:\n            return 0;\n        }\n      }\n      return this.$config.offset;\n    }\n  }, {\n    key: 'getPlacement',\n    value: function getPlacement() {\n      var placement = this.$config.placement;\n      if (typeof placement === 'function') {\n        return placement.call(this, this.$tip, this.$element);\n      }\n      return placement;\n    }\n  }, {\n    key: 'isWithActiveTrigger',\n    value: function isWithActiveTrigger() {\n      for (var trigger in this.$activeTrigger) {\n        if (this.$activeTrigger[trigger]) {\n          return true;\n        }\n      }\n      return false;\n    }\n  }, {\n    // NOTE: Overridden by PopOver class\n    key: 'cleanTipClass',\n    value: function cleanTipClass() {\n      var tip = this.getTipElement();\n      var tabClass = tip.className.match(BSCLS_PREFIX_REGEX);\n      if (tabClass !== null && tabClass.length > 0) {\n        tabClass.forEach(function (cls) {\n          removeClass(tip, cls);\n        });\n      }\n    }\n  }, {\n    key: 'handlePopperPlacementChange',\n    value: function handlePopperPlacementChange(data) {\n      this.cleanTipClass();\n      this.addAttachmentClass(this.constructor.getAttachment(data.placement));\n    }\n  }, {\n    key: 'fixTransition',\n    value: function fixTransition(tip) {\n      var initConfigAnimation = this.$config.animation || false;\n      if (getAttr(tip, 'x-placement') !== null) {\n        return;\n      }\n      removeClass(tip, ClassName.FADE);\n      this.$config.animation = false;\n      this.hide();\n      this.show();\n      this.$config.animation = initConfigAnimation;\n    }\n  }, {\n    key: 'getAttachment',\n    value: function getAttachment(placement) {\n      return AttachmentMap[placement.toUpperCase()];\n    }\n  }, {\n    key: 'Default',\n    get: function get() {\n      return Defaults;\n    }\n  }, {\n    // NOTE: Overridden by PopOver class\n    key: 'NAME',\n    get: function get() {\n      return NAME;\n    }\n  }]);\n\nexport default ToolTip;\n";\n\nvar _typeof = typeof Symbol === "function" && typeof Symbol.iterator === "symbol" ? function (obj) { return typeof obj; } : function (obj) { return obj && typeof Symbol === "function" && obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj; };\n\nvar _createClass = function () { function defineProperties(target, props) { for (var i = 0; i < props.length; i++) { var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false; descriptor.configurable = true; if ("value" in descriptor) descriptor.writable = true; Object.defineProperty(target, descriptor.key, descriptor); } } return function (Constructor, protoProps, staticProps) { if (protoProps) defineProperties(Constructor.prototype, protoProps); if (staticProps) defineProperties(Constructor, staticProps); return Constructor; }; }();\n\nfunction _classCallCheck(instance, Constructor) { if (!(instance instanceof Constructor)) { throw new TypeError("Cannot call a class as a function"); } }\n\nfunction _possibleConstructorReturn(self, call) { if (!self) { throw new ReferenceError("this hasn't been initialised - super() hasn't been called"); } return call && (typeof call === "object" || typeof call === "function") ? call : self; }\n\nfunction _inherits(subClass, superClass) { if (typeof superClass !== "function" && superClass !== null) { throw new TypeError("Super expression must either be null

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or a function, not \" + typeof superClass); } subClass.prototype = Object.create(superClass &&
superClass.prototype, { constructor: { value: subClass, enumerable: false, writable: true, configurable: true } }); if
(superClass) Object.setPrototypeOf ? Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ =
superClass; }\n\nimport ToolTip from './tooltip.class';\nimport { assign } from './object';\nimport { select, addClass,
removeClass, getAttr } from './dom';\n\nvar NAME = 'popover';\nvar CLASS_PREFIX = 'bs-popover';\nvar
BSCLS_PREFIX_REGEX = new RegExp("\\\\b" + CLASS_PREFIX + "\\S+", 'g');\n\nvar Defaults = assign({,
ToolTip.Default, {\n placement: 'right',\n trigger: 'click',\n content: "",\n template: '<div class=\"popover\"
role=\"tooltip\">' + '<div class=\"arrow\"></div>' + '<h3 class=\"popover-header\"></h3>' + '<div class=\"popover-
body\"></div></div>'\n});\n\nvar ClassName = {\n FADE: 'fade',\n SHOW: 'show'\n};\n\nvar Selector = {\n
TITLE: '.popover-header',\n CONTENT: '.popover-body'\n\n /* istanbul ignore next: difficult to test in Jest/JSDOM
environment *\n};\n\nvar PopOver = function (_ToolTip) {\n _inherits(PopOver, _ToolTip);\n\n function PopOver()
{\n _classCallCheck(this, PopOver);\n\n return _possibleConstructorReturn(this, (PopOver.__proto__ ||
Object.getPrototypeOf(PopOver)).apply(this, arguments));\n }\n\n _createClass(PopOver, [{\n key:
'isWithContent',\n\n // Method overrides\n\n value: function isWithContent(tip) {\n tip = tip || this.$tip;\n
if (!tip) {\n return false;\n }\n var hasTitle = Boolean((select(Selector.TITLE, tip) || {}).innerHTML);\n
var hasContent = Boolean((select(Selector.CONTENT, tip) || {}).innerHTML);\n return hasTitle || hasContent;\n
}\n }], {\n key: 'addAttachmentClass',\n value: function addAttachmentClass(attachment) {\n
addClass(this.getTipElement(), CLASS_PREFIX + '-' + attachment);\n }\n }, {\n key: 'setContent',\n value:
function setContent(tip) {\n // we use append for html objects to maintain js events/components\n
this.setElementContent(select(Selector.TITLE, tip), this.getTitle());\n
this.setElementContent(select(Selector.CONTENT, tip), this.getContent());\n\n removeClass(tip,
ClassName.FADE);\n removeClass(tip, ClassName.SHOW);\n }\n\n // This method may look identical to
ToolTip version, but it uses a different RegEx defined above\n\n }, {\n key: 'cleanTipClass',\n value: function
cleanTipClass() {\n var tip = this.getTipElement();\n var tabClass =
tip.className.match(BSCLS_PREFIX_REGEX);\n if (tabClass !== null && tabClass.length > 0) {\n
tabClass.forEach(function (cls) {\n removeClass(tip, cls);\n });\n }\n\n }, {\n key: 'getTitle',\n
value: function getTitle() {\n var title = this.$config.title || "";\n if (typeof title === 'function') {\n
title = title(this.$element);\n }\n if ((typeof title === 'undefined' ? 'undefined' : _typeof(title)) === 'object' &&
title.nodeType && !title.innerHTML.trim()) {\n // We have a dom node, but without inner content, so just
return an empty string\n title = "";\n }\n if (typeof title === 'string') {\n title = title.trim();\n }\n
if (!title) {\n // Try and grab element's title attribute\n title = getAttr(this.$element, 'title') ||
getAttr(this.$element, 'data-original-title') || "";\n title = title.trim();\n }\n return title;\n }\n\n // New
methods\n\n }, {\n key: 'getContent',\n value: function getContent() {\n var content = this.$config.content ||
"";\n if (typeof content === 'function') {\n content = content(this.$element);\n }\n if ((typeof content
=== 'undefined' ? 'undefined' : _typeof(content)) === 'object' && content.nodeType &&
!content.innerHTML.trim()) {\n // We have a dom node, but without inner content, so just return an empty
string\n content = "";\n }\n if (typeof content === 'string') {\n content = content.trim();\n }\n
return content;\n }\n }], [{\n key: 'Default',\n\n // Getter overrides\n\n get: function get() {\n return
Defaults;\n }\n }], {\n key: 'NAME',\n get: function get() {\n return NAME;\n }\n });\n\n return
PopOver;\n})(ToolTip);\n\nexport default PopOver;","// Polyfills for SSR\n\nvar isSSR = typeof window ===
'undefined';\n\nexport var HTMLElement = isSSR ? Object : window.HTMLElement;","var _typeof = typeof
Symbol === \"function\" && typeof Symbol.iterator === \"symbol\" ? function (obj) { return typeof obj; } :
function (obj) { return obj && typeof Symbol === \"function\" && obj.constructor === Symbol && obj !==
Symbol.prototype ? \"symbol\" : typeof obj; };\n\n/*\n * Tooltip/Popover component mixin\n * Common props\n
*/\n\nimport { isArray } from './utils/array';\nimport { assign } from './utils/object';\nimport { isElement, getById }
from './utils/dom';\nimport { HTMLElement } from './utils/ssr';\nimport observeDom from './utils/observe-
dom';\n\nvar PLACEMENTS = {\n top: 'top',\n topleft: 'topleft',\n topright: 'topright',\n right: 'right',\n rightright:
'rightright',\n rightbottom: 'rightbottom',\n bottom: 'bottom',\n bottomleft: 'bottomleft',\n bottomright:
'bottomright'

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'bottomright',\n left: 'left',\n lefttop: 'lefttop',\n leftbottom: 'leftbottom',\n auto: 'auto'\n};\n\nvar
OBSERVER_CONFIG = {\n subtree: true,\n childList: true,\n characterData: true,\n attributes: true,\n
attributeFilter: ['class', 'style']\n};\n\nexport default {\n props: {\n target: {\n // String ID of element, or
element/component reference\n type: [String, Object, HTMLElement, Function]\n },\n delay: {\n type:
[Number, Object, String],\n default: 0\n },\n offset: {\n type: [Number, String],\n default: 0\n },\n
noFade: {\n type: Boolean,\n default: false\n },\n container: {\n // String ID of container, if null body is
used (default)\n type: String,\n default: null\n },\n boundary: {\n // String: scrollParent, window, or
viewport\n // Element: element reference\n type: [String, Object],\n default: 'scrollParent'\n },\n show:
{\n type: Boolean,\n default: false\n },\n disabled: {\n type: Boolean,\n default: false\n }\n },\n
watch: {\n show: function show(_show, old) {\n if (_show === old) {\n return;\n }\n _show ?
this.onOpen() : this.onClose();\n },\n disabled: function disabled(_disabled, old) {\n if (_disabled === old)
{\n return;\n }\n _disabled ? this.onDisable() : this.onEnable();\n }\n },\n created: function created()
{\n // Create non-reactive property\n this._tooltip = null;\n this._obs_title = null;\n this._obs_content =
null;\n },\n mounted: function mounted() {\n var _this = this;\n // We do this in a next tick to ensure DOM
has rendered first\n this.$nextTick(function () {\n // Instantiate Tooltip/Popover on target\n // The
createTooltip method must exist in main component\n if (_this.createTooltip()) {\n if (_this.disabled) {\n
// Initially disabled\n _this.onDisable();\n }\n // Listen to open signals from others\n
_this.$on('open', _this.onOpen);\n // Listen to close signals from others\n _this.$on('close', _this.onClose);\n
// Listen to disable signals from others\n _this.$on('disable', _this.onDisable);\n // Listen to disable
signals from others\n _this.$on('enable', _this.onEnable);\n // Observe content Child changes so we can
notify popper of possible size change\n _this.setObservers(true);\n // Set intially open state\n if
(_this.show) {\n _this.onOpen();\n }\n });\n },\n updated: function updated() {\n // If
content/props changes, etc\n if (this._tooltip) {\n this._tooltip.updateConfig(this.getConfig());\n }\n },\n
/* istanbul ignore next: not easy to test */\n activated: function activated() {\n // Called when component is inside
a <keep-alive> and component brought offline\n this.setObservers(true);\n },\n /* istanbul ignore next: not easy
to test */\n deactivated: function deactivated() {\n // Called when component is inside a <keep-alive> and
component taken offline\n if (this._tooltip) {\n this.setObservers(false);\n this._tooltip.hide();\n }\n
},\n /* istanbul ignore next: not easy to test */\n beforeDestroy: function beforeDestroy() {\n // Shutdown our
local event listeners\n this.$off('open', this.onOpen);\n this.$off('close', this.onClose);\n this.$off('disable',
this.onDisable);\n this.$off('enable', this.onEnable);\n this.setObservers(false);\n // bring our content back if
needed\n this.bringItBack();\n if (this._tooltip) {\n this._tooltip.destroy();\n this._tooltip = null;\n }\n
},\n computed: {\n baseConfig: function baseConfig() {\n var cont = this.container;\n var delay =
_typeof(this.delay) === 'object' ? this.delay : parseInt(this.delay, 10) || 0;\n return {\n // Title prop\n title:
(this.title || "").trim() || "",\n // Contnt prop (if popover)\n content: (this.content || "").trim() || "",\n //
Tooltip/Popover placement\n placement: PLACEMENTS[this.placement] || 'auto',\n // Container currenly
needs to be an ID with '#' prepended, if null then body is used\n container: cont ? /^#.test(cont) ? cont : '#' +
cont : false,\n // boundariesElement passed to popper\n boundary: this.boundary,\n // Show/Hide
delay\n delay: delay || 0,\n // Offset can be css distance. if no units, pixels are assumed\n offset:
this.offset || 0,\n // Disable fade Animation?\n animation: !this.noFade,\n // Open/Close Trigger(s)\n
trigger: isArray(this.triggers) ? this.triggers.join(' ') : this.triggers,\n // Callbacks so we can trigger events on
component\n callbacks: {\n show: this.onShow,\n shown: this.onShown,\n hide: this.onHide,\n
hidden: this.onHidden,\n enabled: this.onEnabled,\n disabled: this.onDisabled\n }\n },\n },\n methods: {\n
getConfig: function getConfig() {\n var cfg = assign({}, this.baseConfig);\n if
(this.$refs.title && this.$refs.title.innerHTML.trim()) {\n // If slot has content, it overrides 'title' prop\n //
We use the DOM node as content to allow components!\n cfg.title = this.$refs.title;\n cfg.html = true;\n
}\n if (this.$refs.content && this.$refs.content.innerHTML.trim()) {\n // If slot has content, it overrides
'content' prop\n // We use the DOM node as content to allow components!\n cfg.content =
this.$refs.content;\n cfg.html = true;\n }\n return cfg;\n },\n onOpen: function onOpen() {\n if

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(this._tooltip) {\n    this._tooltip.show();\n    }\n    },\n    onClose: function onClose(callback) {\n    if
(this._tooltip) {\n    this._tooltip.hide(callback);\n    } else if (typeof callback === 'function') {\n
callback();\n    }\n    },\n    onDisable: function onDisable() {\n    if (this._tooltip) {\n
this._tooltip.disable();\n    }\n    },\n    onEnable: function onEnable() {\n    if (this._tooltip) {\n
this._tooltip.enable();\n    }\n    },\n    updatePosition: function updatePosition() {\n    if (this._tooltip) {\n    //
Instruct popper to reposition popover if necessary\n    this._tooltip.update();\n    }\n    },\n    getTarget: function
getTarget() {\n    var target = this.target;\n    if (typeof target === 'function') {\n    target = target();\n    }\n
if (typeof target === 'string') {\n    // Assume ID of element\n    return getByName(target);\n    } else if ((typeof
target === 'undefined' ? 'undefined' : _typeof(target)) === 'object' && isElement(target.$el)) {\n    // Component
reference\n    return target.$el;\n    } else if ((typeof target === 'undefined' ? 'undefined' : _typeof(target)) ===
'object' && isElement(target)) {\n    // Element reference\n    return target;\n    }\n    return null;\n    },\n
onShow: function onShow(evt) {\n    this.$emit('show', evt);\n    },\n    onShown: function onShown(evt) {\n
this.setObservers(true);\n    this.$emit('update:show', true);\n    this.$emit('shown', evt);\n    },\n    onHide:
function onHide(evt) {\n    this.$emit('hide', evt);\n    },\n    onHidden: function onHidden(evt) {\n
this.setObservers(false);\n    // bring our content back if needed to keep Vue happy\n    // Tooltip class will move
it back to tip when shown again\n    this.bringItBack();\n    this.$emit('update:show', false);\n
this.$emit('hidden', evt);\n    },\n    onEnabled: function onEnabled(evt) {\n    if (!evt || evt.type !== 'enabled') {\n
// Prevent possible endless loop if user mistakenly fires enabled instead of enable\n    return;\n    }\n
this.$emit('update:disabled', false);\n    this.$emit('disabled');\n    },\n    onDisabled: function onDisabled(evt) {\n
if (!evt || evt.type !== 'disabled') {\n    // Prevent possible endless loop if user mistakenly fires disabled instead of
disable\n    return;\n    }\n    this.$emit('update:disabled', true);\n    this.$emit('enabled');\n    },\n
bringItBack: function bringItBack() {\n    // bring our content back if needed to keep Vue happy\n    if (this.$el
&& this.$refs.title) {\n    this.$el.appendChild(this.$refs.title);\n    }\n    if (this.$el && this.$refs.content) {\n
this.$el.appendChild(this.$refs.content);\n    }\n    },\n    /* istanbul ignore next: not easy to test */\n
setObservers: function setObservers(on) {\n    if (on) {\n    if (this.$refs.title) {\n    this._obs_title =
observeDom(this.$refs.title, this.updatePosition.bind(this), OBSERVER_CONFIG);\n    }\n    if
(this.$refs.content) {\n    this._obs_content = observeDom(this.$refs.content, this.updatePosition.bind(this),
OBSERVER_CONFIG);\n    }\n    } else {\n    if (this._obs_title) {\n    this._obs_title.disconnect();\n
this._obs_title = null;\n    }\n    if (this._obs_content) {\n    this._obs_content.disconnect();\n
this._obs_content = null;\n    }\n    }\n    }\n    };\n    },\n    "import PopOver from '././utils/popover.class';\nimport
warn from '././utils/warn';\nimport tooltipMixin from '././mixins/tooltip';\nexport default {\n    mixins:
[tooltipMixin],\n    render: function render(h) {\n    return h('div', {\n    class: ['d-none'],\n    style: { display: 'none'
},\n    attrs: { 'aria-hidden': true }\n    }, [h('div', { ref: 'title' }, this.$slots.title), h('div', { ref: 'content' },
this.$slots.default)]);\n    },\n    data: function data() {\n    return {};\n    },\n    props: {\n    title: {\n    type: String,\n
default: "\n    },\n    content: {\n    type: String,\n    default: "\n    },\n    triggers: {\n    type: [String, Array],\n
default: 'click'\n    },\n    placement: {\n    type: String,\n    default: 'right'\n    }\n    },\n    methods: {\n
createTooltip: function createTooltip() {\n    // getTarget is in tooltip mixin\n    var target = this.getTarget();\n
if (target) {\n    this._tooltip = new PopOver(target, this.getConfig(), this.$root);\n    } else {\n
this._tooltip = null;\n    warn("b-popover: 'target' element not found!");\n    }\n    return this._tooltip;\n    }\n
}\n    };","<template>\n <div>\n <component :is="rootElement" id="imddb-header" data-turbolinks-permanent
class="navbar navbar-expand-lg navbar-light imddb-header" :offset="100" :z-index="1020" :on-
unpin="closeFollowUsPopover" :class="{ 'headroom--frozen': !collapseNavbar }" :style="{ position: position
}">\n <!-- @slot Redefines brand -->\n <slot name="brand">\n <a :href="homeUrl" class="navbar-
brand imddb-header__brand">\n \n {{ project }}\n </a>\n </slot>\n <button class="navbar-toggler" type="button" aria-
label="Toggle navigation" @click="toggleNavbar">\n <span class="navbar-toggler-icon"></span>\n
</button>\n <div class="navbar-collapse" :class="{ collapse: collapseNavbar }">\n <!-- @slot Redefines
the main navbar block (containing the dropdown) -->\n <slot name="navbar">\n <ul class="navbar-nav

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mr-auto">\n      <b-nav-dropdown @show="\$root.\$emit('bv::hide::popover')">\n      <template
slot="button-content">\n        {{ title }}\n      </template>\n      <b-dropdown-item v-for="(item,
\$index) in dropdownItems" :key="\$index" :href="item.href" v-bind="{ active: !!item.active }">\n        {{
item.label }}\n      </b-dropdown-item>\n    </b-nav-dropdown>\n  </ul>\n  </slot>\n  <ul
class="navbar-nav">\n    <li class="nav-item">\n      <a href="https://www.icij.org/leak/"
target="_blank" class="nav-link">\n        {{ \$t('imddb-header.navbar.leak') }}\n      </a>\n    </li>\n
    <li class="nav-item mr-lg-3">\n      <a @click.prevent="\$refs.donateFormModal.show()" href="#"
class="nav-link">\n        {{ \$t('imddb-header.navbar.support') }}\n      </a>\n    </li>\n    <li
class="nav-item">\n      <button class="btn btn-saddle-red btn-block font-weight-bold" id="follow-icij">\n
        {{ \$t('imddb-header.navbar.follow') }}\n      </button>\n      <b-popover container="imddb-header"
target="follow-icij" placement="bottomleft" :show.sync="showSignupPopover">\n        <follow-us-popover
:show.sync="showSignupPopover"></follow-us-popover>\n      </b-popover>\n    </li>\n  </ul>\n
</div>\n</component>\n<b-modal hide-footer lazy ref="donateFormModal" size="lg">\n  <span
slot="modal-title" class="text-uppercase font-weight-bold text-primary">\n    {{ \$t('imddb-
header.navbar.support') }}\n  </span>\n  <donate-form no-title></donate-form>\n</b-modal>\n
</div>\n</template>\n</script>\nimport bDropdownItem from 'bootstrap-
vue/es/components/dropdown/dropdown-item'\nimport bModal from 'bootstrap-vue/es/components/modal/modal'\n
import bNavDropdown from 'bootstrap-vue/es/components/nav/nav-item-dropdown'\nimport bPopover from
'bootstrap-vue/es/components/popover/popover'\n\nimport i18n from '@/i18n'\nimport { headroom } from 'vue-
headroom'\nimport DonateForm from './DonateForm.vue'\nimport FollowUsPopover from
'./FollowUsPopover.vue'\nimport config from './config'\n\n/**\n * ImddbHeader\n */\nexport default {\n
i18n,\n name: 'ImddbHeader',\n components: {\n   bDropdownItem,\n   bModal,\n   bNavDropdown,\n
bPopover,\n   headroom,\n   DonateForm,\n   FollowUsPopover\n },\n props: {\n   /**\n    * CSS
position of the header. Can be <em>absolute</em>, <em>relative</em>, <em>static</em> or <em>fixed</em>
(default).\n   */\n   position: {\n     type: String,\n     default: 'fixed'\n   },\n   /**\n    * Disable
Headroom for hiding header until needed.\n   */\n   noHeadroom: {\n     type: Boolean\n   },\n   /**\n    *
Project name, to display next to ICIJ logo\n   */\n   project: {\n     type: String,\n     default: () =>
config.get('project.name')\n   },\n   /**\n    * App name, to display next to project name\n   */\n   title: {\n
type: String,\n     default: () => config.get('app.name')\n   },\n   /**\n    * An array of objects defining
dropdown items. Each item defines a <em>label</em> and a <em>href</em>.\n   */\n   dropdownItems: {\n
type: Array,\n     default: () => config.get('imddb-header.dropdown.items')\n   },\n   /**\n    * Target link of
the ICIJ logo and project name.\n   */\n   homeUrl: {\n     type: String,\n     default: () =>
config.get('app.home')\n   }\n },\n data () {\n   return {\n     showSignupPopover: false,\n
collapseNavbar: true\n   }\n },\n methods: {\n   closeFollowUsPopover () {\n     this.showSignupPopover
= false\n   },\n   toggleNavbar () {\n     this.collapseNavbar = !this.collapseNavbar\n   }\n },\n
computed: {\n   rootElement () {\n     return this.noHeadroom ? 'div' : 'headroom'\n   }\n }\n}</script>\n<style
lang="scss">\n  @import './styles/lib';\n  .imddb-header {\n    background: rgba(\$mercury, 0.8);\n    box-
shadow: 0 0 6px 0 rgba(#000, .1);\n    position: relative;\n    top: 0;\n    width: 100%;\n    z-index:
\$zindex-sticky;\n  }\n  .popover {\n    width: 100%;\n  }\n  @include media-breakpoint-down(md) {\n
background: \$mercury;\n}\n  &.headroom {\n    will-change: transform;\n    transition: transform 200ms linear;\n    &--unpinned {\n
transform: translateY(-100%) !important;\n    }\n    &--pinned {\n      transform: translateY(0%);\n    }\n
    &--frozen {\n      transform: translateY(0%) !important;\n    }\n  }\n  &__brand {\n    position: relative;\n
font-weight: bolder;\n    padding-right: \$spacer * 1.5;\n  }\n  &:after {\n    content: '\\';\n    background:
$body-color;\n    width: 2px;\n    height: 32px;\n    position: absolute;\n    right: 0;\n    top: 50%;\n
transform: translateY(-50%);\n  }\n  @include media-breakpoint-down(md) {\n    display: none;\n  }\n}\n}\n\n
.navbar-toggler {\n  background: \$mercury;\n  position: absolute;\n  right: \$spacer;\n  top:
\$spacer / 2;\n  margin: 0;\n}\n\n.dropdown-item {\n  white-space: normal;\n  width: 440px;\n  max-

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width: 90vw;\n\n  @include media-breakpoint-down(sm) {\n    width: 100%;\n  }\n }\n\n .dropdown
.nav-link {\n\n  @include media-breakpoint-up(lg) {\n    font-size: 1.2rem;\n    font-family: $headings-font-
family;\n  }\n }\n }\n</style>\n","import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-
0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ImddbHeader.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-
!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ImddbHeader.vue?vue&type=script&lang=js&\"","import { render, staticRenderFns } from
\"./ImddbHeader.vue?vue&type=template&id=36e6b928&\"\\nimport script from
\"./ImddbHeader.vue?vue&type=script&lang=js&\"\\nexport * from
\"./ImddbHeader.vue?vue&type=script&lang=js&\"\\nimport style0 from
\"./ImddbHeader.vue?vue&type=style&index=0&lang=scss&\"\\n\\n/* normalize component */\\nimport normalizer
from \"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\\nvar component = normalizer(\\n
script,\\n render,\\n staticRenderFns,\\n false,\\n null,\\n null,\\n null\\n \\n)\\n\\ncomponent.options.__file =
\"ImddbHeader.vue\"\\nexport default component.exports","var render = function () {var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{attrs:{\"id\":_vm.iframeId}})}\\nvar
staticRenderFns = []\\nexport { render, staticRenderFns }","<template>\\n <div
:id=\"iframeId\"></div>\\n</template>\\n<script>\\n import { injectAssets } from './utils/assets'\\n var
iframeUniqueIdCounter = 0;\\n\\n/**\\n * ResponsiveIframe\\n */\\n export default {\\n name:
'ResponsiveIframe',\\n props: {\\n /**\\n * URL of the generated iframe code.\\n */\\n url: {\\n type:
String,\\n required : true\\n },\\n /**\\n * Option to pass to the constructor of the pymParent instance\\n
*/\\n options: {\\n type: Object,\\n default: () => ({} )\\n },\\n },\\n data () {\\n return {\\n
iframeId: `icij-iframe-${++iframeUniqueIdCounter}`\\n },\\n },\\n mounted () {\\n
injectAssets('https://pym.nprapps.org/pym.v1.min.js').then(() => {\\n new pym.Parent(this.iframeId, this.url,
this.options)\\n })\\n })\\n }\\n }\\n</script>\\n","import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--
12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-
loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-
loader/lib/index.js??vue-loader-options!./ResponsiveIframe.vue?vue&type=script&lang=js&\"; export default mod;
export * from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ResponsiveIframe.vue?vue&type=script&lang=js&\"","import { render, staticRenderFns } from
\"./ResponsiveIframe.vue?vue&type=template&id=2b5efd28&\"\\nimport script from
\"./ResponsiveIframe.vue?vue&type=script&lang=js&\"\\nexport * from
\"./ResponsiveIframe.vue?vue&type=script&lang=js&\"\\n\\n/* normalize component */\\nimport normalizer from
\"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\\nvar component = normalizer(\\n
script,\\n
render,\\n staticRenderFns,\\n false,\\n null,\\n null,\\n null\\n \\n)\\n\\ncomponent.options.__file =
\"ResponsiveIframe.vue\"\\nexport default component.exports","<script>\\nconst noop = () => (null)\\n\\n/**\\n *
SlideUpDown\\n */\\nexport default {\\n name: 'SlideUpDown',\\n props: {\\n /**\\n * Toggler property. Set to
<em>>false</em> to hide the component.\\n */\\n active: {\\n type: Boolean,\\n },\\n /**\\n * Duration of
the animation.\\n */\\n duration: {\\n type: Number,\\n default: 200\\n },\\n /**\\n * HTML tag to render
this component to.\\n */\\n tag: {\\n type: String,\\n default: 'div'\\n }\\n },\\n data () {\\n return {\\n
state: 'post',\\n mounted: false,\\n scrollHeight: 0\\n }\\n },\\n watch: {\\n active (toggler) {\\n
this.triggerSlide()\\n }\\n },\\n render (h) {\\n return h(this.tag, { style: this.style, ref: 'container' },
this.$slots.default)\\n },\\n mounted () {\\n this.deferredNextTick(() => {\\n this.mounted = true\\n
this.cleanLayout()\\n this.$container.addEventListener(\"transitionend\", this.cleanLayout)\\n })\\n },\\n

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computed: {\n  stylePreTransition () {\n    return {\n      'overflow': 'hidden',\n      'transition-property': 'height',\n      'transition-duration': `${this.duration}ms`,\n      'height': this.mounted ? `${this.$container.scrollHeight}px` :
0,\n    }\n  },\n  styleActiveTransition () {\n    return {\n      'overflow': 'hidden',\n      'transition-property':
'height',\n      'transition-duration': `${this.duration}ms`,\n      'height': this.mounted ? `${this.activeHeight}px` :
'auto',\n    }\n  },\n  stylePostTransition () {\n    // Reset style when the element is active\n    return this.active ?
{ } : this.styleActiveTransition\n  },\n  style () {\n    switch (this.state) {\n      case 'pre': return
this.stylePreTransition\n      case 'active': return this.styleActiveTransition\n      default: return
this.stylePostTransition\n    }\n  },\n  activeHeight () {\n    return this.active ? this.$container.scrollHeight : 0\n  },\n  $container () {\n    return this.$refs.container\n  }\n },\n methods: {\n  triggerSlide () {\n    this.state =
'pre'\n    this.scrollHeight = this.$container.scrollHeight\n    // Deferred next tick to let the component render
once\n    this.deferedNextTick(() => this.state = 'active')\n  },\n  cleanLayout (e = null) {\n    // This method can
be triggered by animated child elements in\n    // which case, we should do anything\n    if(!e || e.target ==
this.$container) {\n      this.state = 'post'\n      this.deferedNextTick()\n    }\n  },\n  deferedNextTick (fn =
noop) {\n    setTimeout(() => this.$nextTick(fn), 0)\n  },\n }\n}\n</script>\n", "import mod from \"-
!../../node_modules/cache-loader/dist/cjs.js??ref--12-0!../../node_modules/thread-
loader/dist/cjs.js!../../node_modules/babel-loader/lib/index.js!../../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SlideUpDown.vue?vue&type=script&lang=js&"; export default mod; export * from \"-
!../../node_modules/cache-loader/dist/cjs.js??ref--12-0!../../node_modules/thread-
loader/dist/cjs.js!../../node_modules/babel-loader/lib/index.js!../../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SlideUpDown.vue?vue&type=script&lang=js&"; var render, staticRenderFns\nimport script from
\"./SlideUpDown.vue?vue&type=script&lang=js&\"\nexport * from
\"./SlideUpDown.vue?vue&type=script&lang=js&\"\n\n/* normalize component */\nimport normalizer from
\"!../../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\nvar component = normalizer(\n  script,\n  render,\n  staticRenderFns,\n  false,\n  null,\n  null,\n  null\n)\n\ncomponent.options.__file =
\"SlideUpDown.vue\"\nexport default component.exports", "import ContentPlaceholder from
'./ContentPlaceholder.vue'\nimport DonateForm from './DonateForm.vue'\nimport EmbeddableFooter from
'./EmbeddableFooter.vue'\nimport EmbedForm from './EmbedForm.vue'\nimport FollowUsPopover from
'./FollowUsPopover.vue'\nimport Fa from './Fa'\nimport GenericFooter from './GenericFooter.vue'\nimport
ImddbHeader from './ImddbHeader.vue'\nimport ResponsiveIframe from './ResponsiveIframe.vue'\nimport
SharingOptions from './SharingOptions.vue'\nimport SignUpForm from './SignUpForm.vue'\nimport SlideUpDown
from './SlideUpDown.vue'\nexport {\n  ContentPlaceholder,\n  DonateForm,\n  EmbeddableFooter,\n  EmbedForm,\n  FollowUsPopover,\n  Fa,\n  GenericFooter,\n  ImddbHeader,\n  ResponsiveIframe,\n  SharingOptions,\n  SignUpForm,\n  SlideUpDown,\n}\n", "import VueI18n from 'vue-i18n'\nimport { basename,
extname } from 'path'\nimport i18n from './i18n'\nexport { default as config } from './config'\nexport { default as
ContentPlaceholder } from './components/ContentPlaceholder.vue'\nexport { default as DonateForm } from
'./components/DonateForm.vue'\nexport { default as EmbeddableFooter } from
'./components/EmbeddableFooter.vue'\nexport { default as EmbedForm } from
'./components/EmbedForm.vue'\nexport { default as FollowUsPopover } from
'./components/FollowUsPopover.vue'\nexport { default as Fa } from './components/Fa'\nexport { default as
GenericFooter } from './components/GenericFooter.vue'\nexport { default as ImddbHeader } from
'./components/ImddbHeader.vue'\nexport { default as ResponsiveIframe } from
'./components/ResponsiveIframe.vue'\nexport { default as SharingOptions } from
'./components/SharingOptions.vue'\nexport { default as SignUpForm } from
'./components/SignUpForm.vue'\nexport { default as SlideUpDown } from
'./components/SlideUpDown.vue'\nimport * as components from './components'\n\nclass Murmur {\n  static
setLocaleMessage(lang, message) {\n    return this.i18n.setLocaleMessage(lang, message)\n  }\n  static

```

```

mergeLocaleMessage(lang, message) {\n  return this.i18n.mergeLocaleMessage(lang, message)\n }\n static
setLocale(lang) {\n  return this.i18n.locale = lang\n }\n static getLocale() {\n  return this.i18n.locale\n }\n static
get i18n() {\n  return i18n\n }\n static get config() {\n  return require('./config.js').default\n }\n static get
components() {\n  return components\n }\n static install (Vue, options) {\n
Object.keys(components).forEach(key => Vue.component(key, components[key]))\n }\n}\n\nexport default
Murmur\n", "import './setPublicPath'\n\nimport mod from '~entry'\n\nexport default mod\n\nexport * from '~entry'\n", "var
assocIndexOf = require('./_assocIndexOf');\n\n/**\n * Checks if a list cache value for `key` exists.\n *\n *
@private\n * @name has\n * @memberOf ListCache\n * @param {string} key The key of the entry to check.\n *
@returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n *\n */\nfunction listCacheHas(key) {\n
return assocIndexOf(this.__data__, key) > -1;\n}\n\nmodule.exports = listCacheHas;\n", "module.exports =
'\x09\x0A\x0B\x0C\x0D\x0E\x0F\x10\x11\x12\x13\x14\x15\x16\x17\x18\x19\x1A\x1B\x1C\x1D\x1E\x1F\x20\x21\x22\x23\x24\x25\x26\x27\x28\x29\x2A\x2B\x2C\x2D\x2E\x2F\x30\x31\x32\x33\x34\x35\x36\x37\x38\x39\x3A\x3B\x3C\x3D\x3E\x3F\x40\x41\x42\x43\x44\x45\x46\x47\x48\x49\x4A\x4B\x4C\x4D\x4E\x4F\x50\x51\x52\x53\x54\x55\x56\x57\x58\x59\x5A\x5B\x5C\x5D\x5E\x5F\x60\x61\x62\x63\x64\x65\x66\x67\x68\x69\x6A\x6B\x6C\x6D\x6E\x6F\x70\x71\x72\x73\x74\x75\x76\x77\x78\x79\x7A\x7B\x7C\x7D\x7E\x7F\x80\x81\x82\x83\x84\x85\x86\x87\x88\x89\x8A\x8B\x8C\x8D\x8E\x8F\x90\x91\x92\x93\x94\x95\x96\x97\x98\x99\xA0\xA1\xA2\xA3\xA4\xA5\xA6\xA7\xA8\xA9\xAA\xAB\xAC\xAD\xAE\xAF\xB0\xB1\xB2\xB3\xB4\xB5\xB6\xB7\xB8\xB9\xBA\xBB\xBC\xBD\xBE\xBF\xC0\xC1\xC2\xC3\xC4\xC5\xC6\xC7\xC8\xC9\xCA\xCB\xCC\xCD\xCE\xCF\xD0\xD1\xD2\xD3\xD4\xD5\xD6\xD7\xD8\xD9\xDA\xDB\xDC\xDD\xDE\xDF\xE0\xE1\xE2\xE3\xE4\xE5\xE6\xE7\xE8\xE9\xEA\xEB\xEC\xED\xEE\xEF\xF0\xF1\xF2\xF3\xF4\xF5\xF6\xF7\xF8\xF9\xFA\xFB\xFC\xFD\xFE\xFF';\n", "var
baseGetTag = require('./_baseGetTag'),\n  isObjectLike = require('./isObjectLike');\n\n/**\n * `Object#toString` result
references.\n *\n * @var symbolTag = '[object Symbol]';\n *\n * Checks if `value` is classified as a `Symbol` primitive
or object.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is a symbol, else `false`.\n *\n * @example\n *\n *
_.isSymbol(Symbol.iterator);\n * // => true\n *\n * _.isSymbol('abc');\n * // => false\n *\n */\nfunction isSymbol(value)
{\n  return typeof value == 'symbol' ||\n    (isObjectLike(value) && baseGetTag(value) ==
symbolTag);\n}\n\nmodule.exports = isSymbol;\n", "sourceRoot":"" }

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1062149670_1592570080.27/0/murmur-1-1-0-
tgz/package/dist/lib/@icij/murmur.umd.js.map

```

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```

/*!
 * jQuery JavaScript Library v3.3.1
 * https://jquery.com/
 *
 * Includes Sizzle.js
 * https://sizzlejs.com/
 *
 * Copyright JS Foundation and other contributors
 * Released under the MIT license
 * https://jquery.org/license
 *
 * Date: 2018-01-20T17:24Z
 */
/*!
 * vue-headroom v0.9.0
 * (c) 2016-present dalphyx <wjcbmk@gmail.com>
 * Released under the MIT License.
 */
/*!
 * Font Awesome Free 5.0.13 by @fontawesome - https://fontawesome.com
 * License - https://fontawesome.com/license (Icons: CC BY 4.0, Fonts: SIL OFL 1.1, Code: MIT License)
 */
/**!

```

```
* @fileOverview Kickass library to create and place poppers near their reference elements.
* @version 1.14.5
* @license
* Copyright (c) 2016 Federico Zivolo and contributors
*
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* SOFTWARE.
*/
```

Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1062149670_1592570080.27/0/murmur-1-1-0-
tgz/package/dist/lib/@icij/murmur.umd.min.js
```

No license file was found, but licenses were detected in source scan.

```
/*!
* jQuery JavaScript Library v3.3.1
* https://jquery.com/
*
* Includes Sizzle.js
* https://sizzlejs.com/
*
* Copyright JS Foundation and other contributors
* Released under the MIT license
* https://jquery.org/license
*
* Date: 2018-01-20T17:24Z
*/
// for more details.
/*!
* vue-headroom v0.9.0
* (c) 2016-present dalphyx <wjcbmk@gmail.com>
* Released under the MIT License.
*/
```



```

// Released under the MIT license.
/*!
* Font Awesome Free 5.5.0 by @fontawesome - https://fontawesome.com
* License - https://fontawesome.com/license/free (Icons: CC BY 4.0, Fonts: SIL OFL 1.1, Code: MIT License)
*/
/*!
* Font Awesome Free 5.0.13 by @fontawesome - https://fontawesome.com
* License - https://fontawesome.com/license (Icons: CC BY 4.0, Fonts: SIL OFL 1.1, Code: MIT License)
*/
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// copy of this software and associated documentation files (the
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// without limitation the rights to use, copy, modify, merge, publish,
// distribute, sublicense, and/or sell copies of the Software, and to permit
// The above copyright notice and this permission notice shall be included
// in all copies or substantial portions of the Software.
/**
* Creates an array of the own enumerable property names of `object`.
*
* **Note:** Non-object values are coerced to objects. See the
* [ES spec](http://ecma-international.org/ecma-262/7.0/#sec-object.keys)
* for more details.
*
* @static
* @since 0.1.0
* @memberOf _
* @category Object
* @param {Object} object The object to query.
* @returns {Array} Returns the array of property names.
* @example
*
* function Foo() {
*   this.a = 1;
*   this.b = 2;
* }
*
* Foo.prototype.c = 3;
*
* _.keys(new Foo);
* // => ['a', 'b'] (iteration order is not guaranteed)
*
* _.keys('hi');
* // => ['0', '1']
*/
/**!
* @fileOverview Kickass library to create and place poppers near their reference elements.
* @version 1.14.5
* @license

```

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\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1062149670\_1592570080.27/0/murmur-1-1-0-tgz/package/dist/lib/@icij/murmur.umd.js

\* /opt/ws\_local/PERMITS\_SQL/1062149670\_1592570080.27/0/murmur-1-1-0-tgz/package/dist/lib/@icij/murmur.common.js

No license file was found, but licenses were detected in source scan.

```
{ "version":3,"sources":["webpack://@icij/murmur/webpack/bootstrap","webpack://@icij/murmur/.node_modules/
odash/_getRawTag.js","webpack://@icij/murmur/.node_modules/core-js/modules/_iter-
define.js","webpack://@icij/murmur/.node_modules/lodash/_baseKeys.js","webpack://@icij/murmur/.node_modul
es/lodash/_isFlattenable.js","webpack://@icij/murmur/.node_modules/lodash/stubFalse.js","webpack://@icij/murm
ur/.node_modules/lodash/_arrayPush.js","webpack://@icij/murmur/.node_modules/lodash/_isStrictComparable.js"
,"webpack://@icij/murmur/.lib/components/SharingOptions.vue?8ac0","webpack://@icij/murmur/.node_modules/
core-
js/modules/es7.promise.finally.js","webpack://@icij/murmur/.node_modules/lodash/_getNative.js","webpack://@ic
ij/murmur/.node_modules/core-
js/modules/_flags.js","webpack://@icij/murmur/.node_modules/lodash/isBuffer.js","webpack://@icij/murmur/.nod
e_modules/core-js/modules/_object-
keys.js","webpack://@icij/murmur/.node_modules/lodash/_baseRest.js","webpack://@icij/murmur/.lib/component
s/EmbeddableFooter.vue?eb4a","webpack://@icij/murmur/.node_modules/es6-symbol/is-
symbol.js","webpack://@icij/murmur/.node_modules/jquery/dist/jquery.js","webpack://@icij/murmur/.lib/locales
sync [A-Za-z0-9-_.\\s]+\\.json$","webpack://@icij/murmur/.node_modules/core-js/modules/_object-
gopd.js","webpack://@icij/murmur/.node_modules/lodash/_isKeyable.js","webpack://@icij/murmur/.node_module
s/lodash/_castFunction.js","webpack://@icij/murmur/.node_modules/lodash/isObjectLike.js","webpack://@icij/mur
mur/.lib/assets/images/icij@2x.png","webpack://@icij/murmur/.node_modules/lodash/_isMasked.js","webpack://
@icij/murmur/.lib/components/SignUpForm.vue?e8a9","webpack://@icij/murmur/.node_modules/core-
js/modules/_object-dps.js","webpack://@icij/murmur/.node_modules/es5-ext/object/assign/is-
```

implemented.js", "webpack://@icij/murmur./lib/components/SignUpForm.vue?4b41", "webpack://@icij/murmur./node\_modules/lodash/\_baseMatchesProperty.js", "webpack://@icij/murmur./node\_modules/lodash/\_stringToPath.js", "webpack://@icij/murmur./node\_modules/es5-ext/string/#/contains/is-implemented.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_task.js", "webpack://@icij/murmur./node\_modules/lodash/isObject.js", "webpack://@icij/murmur./node\_modules/lodash/\_equalByTag.js", "webpack://@icij/murmur./node\_modules/es6-symbol/index.js", "webpack://@icij/murmur./node\_modules/lodash/\_Promise.js", "webpack://@icij/murmur./node\_modules/lodash/\_hashDelete.js", "webpack://@icij/murmur./node\_modules/lodash/\_baseEvery.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_iter-call.js", "webpack://@icij/murmur./node\_modules/lodash/\_mapCacheSet.js", "webpack://@icij/murmur./lib/components/GenericFooter.vue?5988", "webpack://@icij/murmur./node\_modules/es5-ext/object/assign/index.js", "webpack://@icij/murmur./node\_modules/lodash/\_matchesStrictComparable.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_fix-re-wks.js", "webpack://@icij/murmur./node\_modules/lodash/\_compareMultiple.js", "webpack://@icij/murmur./node\_modules/lodash/\_overRest.js", "webpack://@icij/murmur./node\_modules/@fortawesome/free-brands-svg-icons/faLinkedin.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_dom-create.js", "webpack://@icij/murmur./node\_modules/lodash/\_memoizeCapped.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_classof.js", "webpack://@icij/murmur./node\_modules/lodash/\_baseForOwn.js", "webpack://@icij/murmur./node\_modules/lodash/\_Uint8Array.js", "webpack://@icij/murmur./node\_modules/lodash/\_mapCacheGet.js", "webpack://@icij/murmur./node\_modules/lodash/\_hashSet.js", "webpack://@icij/murmur./node\_modules/lodash/\_baseIsArguments.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_object-gops.js", "webpack://@icij/murmur./node\_modules/lodash/every.js", "webpack://@icij/murmur./node\_modules/lodash/\_baseHasIn.js", "webpack://@icij/murmur./node\_modules/core-js/modules/core.get-iterator-method.js", "webpack://@icij/murmur./node\_modules/core-js/modules/es6.regexp.split.js", "webpack://@icij/murmur./node\_modules/lodash/\_listCacheClear.js", "webpack://@icij/murmur./node\_modules/lodash/\_objectToString.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_redefine.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_object-create.js", "webpack://@icij/murmur./lib/components/SharingOptions.vue?c82c", "webpack://@icij/murmur./node\_modules/lodash/\_root.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_wks.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_library.js", "webpack://@icij/murmur./node\_modules/lodash/\_arrayFilter.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_cof.js", "webpack://@icij/murmur./node\_modules/lodash/\_stackDelete.js", "webpack://@icij/murmur./node\_modules/lodash/isArrayLike.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_invoke.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_hide.js", "webpack://@icij/murmur./node\_modules/lodash/\_getSymbols.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_is-array-iter.js", "webpack://@icij/murmur./node\_modules/lodash/\_baseIsNative.js", "webpack://@icij/murmur./node\_modules/lodash/\_getValue.js", "webpack://@icij/murmur./node\_modules/lodash/\_baseGetTag.js", "webpack://@icij/murmur./lib/components/DonateForm.vue?0ca3", "webpack://@icij/murmur./node\_modules/core-js/modules/es6.regexp.flags.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_object-gpo.js", "webpack://@icij/murmur./node\_modules/lodash/\_WeakMap.js", "webpack://@icij/murmur./node\_modules/lodash/\_defineProperty.js", "webpack://@icij/murmur./node\_modules/lodash/\_getMatchData.js", "webpack://@icij/murmur./node\_modules/vue-headroom/dist/vue-headroom.js", "webpack://@icij/murmur./node\_modules/core-js/modules/\_iter-create.js", "webpack://@icij/murmur./node\_modules/lodash/\_getMapData.js", "webpack://@icij/murmur./node\_modules/lodash/\_arraySome.js", "webpack://@icij/murmur./node\_modules/lodash/\_getTag.js", "webpack://@icij/murmur

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AmD;AACnD;;AAEA;AACa;AACa;;AAEA;AACa,gFAAgF;AAChF;AAEA;AACa,0DAA0D;AAC1D;AAEA  
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E,EAGpF;AAEH;AACa;AACa;;AAEA;AACa;AACa;AACa,QAAQ,KAAqC,EAAE,EAE1C;AACL;AACa,sB  
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MC,OAAO,GAAGC,2BAAhB;;AACa,MAAMC,QAAQ,GAAG,EAAjB;AACAF,SAAO,CAACG,IAAR,GAAeC,  
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qB,MAAM,GAAGF,OAAO,CAAC,CAAD,CAAtB;AACAH,cAAQ,CAACK,MAAD,CAAR,GAAmBP,OAAO,C  
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,EAAEH,kBAaKB;AAHH,CAAZ,CAAf,E;,,,,,ACIBA,IAAI,kEAAM,gBAAgB,aAAa,0BAA0B,wBAAwB;AACzF,  
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DlhB,IAAMW,YAAY,GAAG,CACnB;AAEC,QAAM,EAAE,KADV;AAEEC,OAkE,EAAE,CAAC,CAAC,CA



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B,kBAAkB,WAAW,6FAA6F,uHAAuH,sBAAsB,oBAAoB,yEAAyE,wIAAwI,yCAAyC,wEAAwE,gBAAgB,8CA  
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AAa,0BAA0B,wBAAwB,kBAAkB,kCAAKC,aAAa,+BAA+B,kBAAkB;,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  
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,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  
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,4BAHA;AAIA,kCAJA;AAKA;AACa;AACa,uDADA;AAEA,iDAFA;AAGA;AAHA,SADA;AAMA;AACa,wD  
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TA;AAIDA,G;;AChIoU,CAAgB,oHAAG,EAAC,C;,,,ACA/P;AAC3B;AACL;AACc;;;AAGvE;AAC0F;AAC1F,I  
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CA;AACa;AACa;AAEA;AAEA,oBAAS;AACM,mEAAS,Q;;ACpBxB,IAAI,gEAAM,gBAAgB,aAAa,0BAA0B  
,wBAAwB,iBAAiB,gDAAGD,UAAU,yDAAYD,sCAAsC,YAAy,0BAA0B,MAAM,mBAAO,CAAC,MAAOc,iBA  
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,aAAa,sBAAsB,uGAAuG,OAAO,8IAA8I;AAC5hC,IAAI,yEAAe;,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  
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ACA;AACa;AACa;AACa;AACa;AACa;AACa;AACa,OAAO;AACP,KAAK;AACL;AACa;AACa;AACa,OAAO;A  
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AI;AACb;AACa;AACa;AACa;AAEA;AACa;AACa,WAAW,SAAS;AACpB;AACa,SAAS,WAAO;AAChB,w  
BAAwB,WAAO;AAC/B;AACa;AACa,aAAa,QAAQ;AACrB;AACa,aAAa,SAAS;AACtB;AACa,aAAa,kBAAk  
B;AAC/B;AACa,aAAa,kBAAkB;AAC/B;AAEA;AACa;AAEA;AACa;AACa;AACa;AACa;AACa;AACa;A  
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B;AACa,GAAG;AACH;AAEA,WAAO;AACP,aAAa,WAAO;AACpB;AACa,GAAG;AACH;AAEA,WAAO;A  
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P;AACa;AACa;AACa,KAAK;AACL;AACa;AACa;AAEA,WAAO;AACP;AACa,+DAA+D;AAC/D;AACa;  
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T,EAAe;AAChD,SAAO,IAAIC,GAAG,CAAY,UAAAC,OAAO,EAAI;AAC5B,QAAMC,MAAM,GAAGC,QAAQ,  
CAACC,aAAT,CAAuB,MAAvB,KAAkCD,QAAQ,CAACC,aAAT,CAAuB,MAAvB,CAAjD;AACa,QAAMC,KA  
AK,GAAGN,IAAI,CAACvD,KAAL,CAAW,GAAX,CAAd;AACa,QAAM8D,GAAG,GAAGD,KAAK,CAACA,K  
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U;AACvB,cAAc;AACd,WAAW,SAAS;AACpB;ACA;ACe;ACf,wFAAwF,QAAQ;;AAEHG,UAAU,OAAO,s  
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A;ACA;ACA;ACA;ACA;ACA;ACA;ACA;ACA;ACA;ACA;ACA;ACA;ACA;ACA;ACA;AAC  
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AAKE,IAAL,CAAU7F,MAAV,GAAM2F,IAA1B;AACD;,,,gCACKB;AACjB,aAAO,KAAKE,IAAL,CAAU7F,M  
AAjB;AACD;,,,4BAUeX,G,EAak2G,O,EAAS;AAC5BC,YAAM,CAACrG,IAAP,CAAYsG,0BAAZ,EAawBrG,O  
AAxB,CAAgC,UAAAtB,GAAG;AAAA,eAAIc,GAAG,CAAC8G,SAAJ,CAAc5H,GAAd,EAAM2H,0BAAU,CA  
AC3H,GAAD,CAA7B,CAAJ;AAAA,OAAnc;AACD;,,,wBAXiB;AAChB,aAAOsH,IAAP;AACD;,,,wBACmB;AA  
CIB,aAAOnG,mBAAO,CAAC,MAAD,CAAP,CAAU0G,OAA9B;AACD;,,,wBACuB;AACTB,aAAOF,0BAAP;A  
ACD;,,,AAMYR,oDAaf,E;AC/CA;AAAA;AAAA;AAAA;AAAA;AAAA;AAAA;AAAA;AAAA;AAA  
A;AAAA;AAAA;AAAwB;AACa;AACT,mFAAG;AACI;,,,,,,,ACHtB,mBAAmB,mBAAO,CAAC,MAAiB;AAE  
5C;AACa;AACa;AACa;AACa;AACa;AACa,WAAW,OAAO;AACIB,aAAa,QAAQ;AACrB;AACa;AACa;A  
ACA;AAEA;,,,,,ACfA;AACa;,,,,,ACDA,iBAAiB,mBAAO,CAAC,MAAE;AACxC,mBAAmB,mBAAO,CAA  
C,MAAgB;AAE3C;AACa;AAEA;AACa;AACa;AACa;AACa;AACa;AACa;AACa,WAAW,EAAE;AACb,a  
AAa,QAAQ;AACrB;AACa;AACa;AACa;AACa;AACa;AACa;AACa;AACa;AACa;AACa;AACa;AAEA",  
"file":"@icij/murmur.common.js","sourcesContent":["\n\t// The module cache\n\tvar installedModules = {};\n\t//\n\tThe require function\n\t(function \_\_webpack\_require\_\_(moduleId) {\n\t\t// Check if module is in cache\n\t\tif(installedModules[moduleId])\n\t\t\treturn installedModules[moduleId].exports;\n\t\t// Create a new\n\t\tmodule (and put it into the cache)\n\t\tvar module = installedModules[moduleId] = {\n\t\t\ti: moduleId,\n\t\t\tl: false,\n\t\t\texports: {};\n\t\t};\n\t\t// Execute the module function\n\t\tmodules[moduleId].call(module.exports,\n\t\tmodule, module.exports, \_\_webpack\_require\_\_);  
Flag the module as loaded\n\t\tmodule.l = true;\n\t\t// Return the exports of the module\n\t\treturn module.exports;\n\t})\n\t// expose the modules object\n\t(\_\_webpack\_modules\_\_)\n\t\_\_webpack\_require\_\_.m = modules;\n\t// expose the module cache\n\t\_\_webpack\_require\_\_.c = installedModules;\n\t// define getter function for harmony exports\n\t\_\_webpack\_require\_\_.d = function(exports, name, getter) {\n\t\tif(!\_\_webpack\_require\_\_.o(exports, name)) {\n\t\t\tObject.defineProperty(exports, name, { enumerable: true, get: getter });\n\t\t}\n\t\t// define \_\_esModule

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on exports\n \t__webpack_require__r = function(exports) {\n \t\tif(typeof Symbol !== 'undefined' &&
Symbol.toStringTag) {\n \t\t\tObject.defineProperty(exports, Symbol.toStringTag, { value: 'Module' });\n \t\t}\n
\t\tObject.defineProperty(exports, '__esModule', { value: true });\n \t};\n\n\t// create a fake namespace object\n \t//
mode & 1: value is a module id, require it\n \t// mode & 2: merge all properties of value into the ns\n \t// mode & 4:
return value when already ns object\n \t// mode & 8|1: behave like require\n \t__webpack_require__.t =
function(value, mode) {\n \t\tif(mode & 1) value = __webpack_require__(value);\n \t\tif(mode & 8) return value;\n
\t\tif((mode & 4) && typeof value === 'object' && value && value.__esModule) return value;\n \t\t\tvar ns =
Object.create(null);\n \t\t\t__webpack_require__.r(ns);\n \t\t\tObject.defineProperty(ns, 'default', { enumerable: true,
value: value });\n \t\t\tif(mode & 2 && typeof value != 'string') for(var key in value) __webpack_require__.d(ns, key,
function(key) { return value[key]; }.bind(null, key));\n \t\t\treturn ns;\n \t};\n\n\t// getDefaultExport function for
compatibility with non-harmony modules\n \t__webpack_require__.n = function(module) {\n \t\t\tvar getter = module
&& module.__esModule ?\n \t\t\t\tfunction getDefault() { return module['default']; } :\n \t\t\t\tfunction
getModuleExports() { return module; };\n \t\t\t__webpack_require__.d(getter, 'a', getter);\n \t\t\treturn getter;\n \t};\n\n
\t// Object.prototype.hasOwnProperty.call\n \t__webpack_require__.o = function(object, property) { return
Object.prototype.hasOwnProperty.call(object, property); };\n\n\t// __webpack_public_path__\n
\t__webpack_require__.p = \"\";\n\n\t// Load entry module and return exports\n \treturn
__webpack_require__(__webpack_require__.s = \"fb15\");\n\n\n\tvar Symbol = require('./_Symbol');\n\n\n\t/** Used for
built-in method references. */\n\n\tvar objectProto = Object.prototype;\n\n\n\t/** Used to check objects for own properties.
*/\n\n\tvar hasOwnProperty = objectProto.hasOwnProperty;\n\n\n\t/** Used to resolve the\n *
[ toStringTag ] (http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.tostring)\n * of values.\n */\n\n\tvar
nativeObjectToString = objectProto.toString;\n\n\n\t/** Built-in value references. */\n\n\tvar symToStringTag = Symbol ?
Symbol.toStringTag : undefined;\n\n\n\t/** A specialized version of `baseGetTag` which ignores
`Symbol.toStringTag` values.\n */\n\n\tvar @private\n * @param {*} value The value to query.\n * @returns {string}
Returns the raw `toStringTag`.\n */\n\n\tfunction getRawTag(value) {\n\t\tvar isOwn = hasOwnProperty.call(value,
symToStringTag),\n\t\t\ttag = value[symToStringTag];\n\n\t\ttry {\n\t\t\tvalue[symToStringTag] = undefined;\n\t\t\tvar
unmasked = true;\n\t\t} catch (e) {}\n\n\t\tvar result = nativeObjectToString.call(value);\n\t\tif (unmasked) {\n\t\t\tif
(isOwn) {\n\t\t\t\tvalue[symToStringTag] = tag;\n\t\t\t} else {\n\t\t\t\tdelete value[symToStringTag];\n\t\t\t}\n\t\t}\n
\t\treturn result;\n\t}\n\n\tmodule.exports = getRawTag;\n\n\n\t,\"use strict\";\n\n\tvar LIBRARY = require('./_library');\n
\tvar $export = require('./_export');\n\tvar redefine = require('./_redefine');\n\tvar hide = require('./_hide');\n\tvar
Iterators = require('./_iterators');\n\tvar $iterCreate = require('./_iter-create');\n\tvar setToStringTag = require('./_set-to-string-tag');\n
\tvar getPrototypeOf = require('./_object-gpo');\n\tvar ITERATOR = require('./_wks')('iterator');\n\tvar BUGGY =
!([].keys && 'next' in [].keys()); // Safari has buggy iterators w/o `next`\n\tvar FF_ITERATOR = '@@iterator';\n\tvar
KEYS = 'keys';\n\tvar VALUES = 'values';\n\n\tvar returnThis = function () { return this; };\n\n\tmodule.exports =
function (Base, NAME, Constructor, next, DEFAULT, IS_SET, FORCED) {\n\t\t$iterCreate(Constructor, NAME, next);\n\t\tvar
getMethod = function (kind) {\n\t\t\tif (!BUGGY && kind in proto) return proto[kind];\n\t\t\tswitch (kind) {\n\t\t\t\tcase
KEYS: return function keys() { return new Constructor(this, kind); };\n\t\t\t\tcase VALUES: return
function values() { return new Constructor(this, kind); };\n\t\t\t} return function entries() { return new
Constructor(this, kind); };\n\t\t};\n\t\tvar TAG = NAME + ' Iterator';\n\t\tvar DEF_VALUES = DEFAULT ==
VALUES;\n\t\tvar VALUES_BUG = false;\n\t\tvar proto = Base.prototype;\n\t\tvar $native = proto[ITERATOR] ||
proto[FF_ITERATOR] || DEFAULT && proto[DEFAULT];\n\t\tvar $default = $native || getMethod(DEFAULT);\n\t\tvar $entries =
DEFAULT ? !DEF_VALUES ? $default : getMethod('entries') : undefined;\n\t\tvar $anyNative = NAME == 'Array' ? proto.entries ||
$native : $native;\n\t\tvar methods, key, IteratorPrototype;\n\n\t\t// Fix native\n\t\tif ($anyNative) {\n\t\t\tIteratorPrototype =
getPrototypeOf($anyNative.call(new Base()));\n\t\t\tif (IteratorPrototype !== Object.prototype && IteratorPrototype.next) {\n
\t\t\t\t// Set @@toStringTag to native iterators\n\t\t\t\tsetToStringTag(IteratorPrototype, TAG, true);\n\t\t\t\t// fix for some
old engines\n\t\t\t\tif (!LIBRARY && typeof IteratorPrototype[ITERATOR] != 'function') hide(IteratorPrototype, ITERATOR,
returnThis);\n\t\t\t}\n\t\t}\n\n\t\t// fix
Array#{ values, @@iterator }.name in V8 / FF\n\t\tif (DEF_VALUES && $native && $native.name !== VALUES) {\n\t\t\tvar
VALUES_BUG = true;\n\t\t\t$default = function values() { return $native.call(this); };\n\t\t}\n\n\t\t// Define iterator\n

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if ((!LIBRARY || FORCED) && (BUGGY || VALUES_BUG || !proto[ITERATOR])) {\n  hide(proto,
ITERATOR, $default);\n } // Plug for library\n Iterators[NAME] = $default;\n Iterators[TAG] = returnThis;\n
if (DEFAULT) {\n  methods = {\n    values: DEF_VALUES ? $default : getMethod(VALUES),\n    keys:
IS_SET ? $default : getMethod(KEYS),\n    entries: $entries\n  };\n  if (FORCED) for (key in methods) {\n    if
(!(key in proto)) redefine(proto, key, methods[key]);\n  } else $export($export.P + $export.F * (BUGGY ||
VALUES_BUG), NAME, methods);\n }\n return methods;\n};\n", "var isPrototype = require('./_isPrototype'),\n
nativeKeys = require('./_nativeKeys');\n\n/** Used for built-in method references. */\nvar objectProto =
Object.prototype;\n\n/** Used to check objects for own properties. */\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * The base implementation of `_.keys` which doesn't treat sparse arrays as
dense.\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array
of property names.\n */\nfunction baseKeys(object) {\n  if (!isPrototype(object)) {\n    return nativeKeys(object);\n
}\n  var result = [];\n  for (var key in Object(object)) {\n    if (hasOwnProperty.call(object, key) && key !=
'constructor') {\n      result.push(key);\n    }\n  }\n  return result;\n}\n\nmodule.exports = baseKeys;\n", "var Symbol
= require('./_Symbol'),\n  isArguments = require('./isArguments'),\n  isArray = require('./isArray');\n\n/** Built-in
value references. */\nvar spreadableSymbol = Symbol ? Symbol.isConcatSpreadable : undefined;\n\n/**\n * Checks
if `value` is a flattenable `arguments` object or array.\n * @private\n * @param {*} value The value to check.\n
* @returns {boolean} Returns `true` if `value` is flattenable, else `false`.\n */\nfunction isFlattenable(value) {\n
return isArray(value) || isArguments(value) ||\n  !(spreadableSymbol && value &&
value[spreadableSymbol]);\n}\n\nmodule.exports = isFlattenable;\n", "/*\n * This method returns `false`.\n * @static\n
* @memberOf _\n * @since 4.13.0\n * @category Util\n * @returns {boolean} Returns `false`.\n *
@example\n * _times(2, _stubFalse);\n * // => [false, false]\n */\nfunction stubFalse() {\n  return
false;\n}\n\nmodule.exports = stubFalse;\n", "/*\n * Appends the elements of `values` to `array`.\n * @private\n
* @param {Array} array The array to modify.\n * @param {Array} values The values to append.\n * @returns
{Array} Returns `array`.\n */\nfunction arrayPush(array, values) {\n  var index = -1,\n    length = values.length,\n
offset = array.length;\n  while (++index < length) {\n    array[offset + index] = values[index];\n  }\n  return
array;\n}\n\nmodule.exports = arrayPush;\n", "var isObject = require('./isObject');\n\n/**\n * Checks if `value` is
suitable for strict equality comparisons, i.e. `===`.\n * @private\n * @param {*} value The value to check.\n
* @returns {boolean} Returns `true` if `value` is suitable for strict\n * equality comparisons, else `false`.\n
*/\nfunction isStrictComparable(value) {\n  return value === value && !isObject(value);\n}\n\nmodule.exports =
isStrictComparable;\n", "import mod from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-
oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SharingOptions.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export * from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SharingOptions.vue?vue&type=style&index=0&lang=scss&\"; // https://github.com/tc39/proposal-
promise-finally\n'use strict';\nvar $export = require('./_export');\nvar core = require('./_core');\nvar global =
require('./_global');\nvar speciesConstructor = require('./_species-constructor');\nvar promiseResolve =
require('./_promise-resolve');\n\n$export($export.P + $export.R, 'Promise', { 'finally': function (onFinally) {\n  var C
= speciesConstructor(this, core.Promise || global.Promise);\n  var isFunction = typeof onFinally === 'function';\n
return this.then(\n    isFunction ? function (x) {\n      return promiseResolve(C, onFinally()).then(function () { return
x; });\n    } : onFinally,\n    isFunction ? function (e) {\n      return promiseResolve(C, onFinally()).then(function () {
throw e; });\n    } : onFinally\n  );\n} });\n", "var baseIsNative = require('./_baseIsNative'),\n  getValue =

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require('./_getValue');\n\n/**\n * Gets the native function at `key` of `object`.\n * \n * @private\n * @param\n {Object} object The object to query.\n * @param {string} key The key of the method to get.\n * @returns {*} \n Returns the function if it's native, else `undefined`.\n *\nfunction getNative(object, key) {\n var value =\n getValue(object, key);\n return baseIsNative(value) ? value : undefined;\n}\n\nmodule.exports = getNative;\n","use\nstrict";\n// 21.2.5.3 get RegExp.prototype.flags\nvar anObject = require('./_an-object');\nmodule.exports = function (\n {\n var that = anObject(this);\n var result = "";\n if (that.global) result += 'g';\n if (that.ignoreCase) result += 'i';\n if (that.multiline) result += 'm';\n if (that.unicode) result += 'u';\n if (that.sticky) result += 'y';\n return\n result;\n};\n","var root = require('./_root'),\n stubFalse = require('./stubFalse');\n\n/** Detect free variable\n `exports`.\n *\nvar freeExports = typeof exports === 'object' && exports && !exports.nodeType && exports;\n\n/**\n Detect free variable `module`.\n *\nvar freeModule = freeExports && typeof module === 'object' && module &&\n !module.nodeType && module;\n\n/** Detect the popular CommonJS extension `module.exports`.\n *\nvar\n moduleExports = freeModule && freeModule.exports === freeExports;\n\n/** Built-in value references.\n *\nvar\n Buffer = moduleExports ? root.Buffer : undefined;\n\n/** Built-in method references for those with the same name as\n other `lodash` methods.\n *\nvar\n nativeIsBuffer = Buffer ? Buffer.isBuffer : undefined;\n\n/** Checks if `value`\n is a buffer.\n *\n * @static\n * @memberOf _\n * @since 4.3.0\n * @category Lang\n * @param {*} value The\n value to check.\n * @returns {boolean} Returns `true` if `value` is a buffer, else `false`.\n * @example\n *\n * _isBuffer(new Buffer(2));\n * // => true\n *\n * _isBuffer(new Uint8Array(2));\n * // => false\n *\nvar\n isBuffer =\n nativeIsBuffer || stubFalse;\n\nmodule.exports = isBuffer;\n","// 19.1.2.14 / 15.2.3.14 Object.keys(O)\nvar $keys =\n require('./_object-keys-internal');\nvar enumBugKeys = require('./_enum-bug-keys');\n\nmodule.exports =\n Object.keys || function keys(O) {\n return $keys(O, enumBugKeys);\n};\n","var\n identity = require('./_identity'),\n overRest = require('./_overRest'),\n setToString = require('./_setToString');\n\n/** The base implementation of\n `_.rest` which doesn't validate or coerce arguments.\n *\n * @private\n * @param {Function} func The function to\n apply a rest parameter to.\n * @param {number} [start=func.length-1] The start position of the rest parameter.\n * @returns {Function} Returns the new function.\n *\nfunction baseRest(func, start) {\n return\n setToString(overRest(func, start, identity), func + ");\n}\n\nmodule.exports = baseRest;\n","import mod from \"-\n!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-\nloader/index.js??ref--8-oneOf-1-1!../node_modules/vue-\nloader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-\n2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-\n0!../node_modules/vue-loader/lib/index.js??vue-loader-\noptions!./EmbeddableFooter.vue?vue&type=style&index=0&id=36cb84e2&lang=scss&scoped=true&"; export\n default mod; export * from \"-\n!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-\n0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-\nloader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-\n2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-\n0!../node_modules/vue-loader/lib/index.js??vue-loader-\noptions!./EmbeddableFooter.vue?vue&type=style&index=0&id=36cb84e2&lang=scss&scoped=true&\";","use\nstrict";\n\nmodule.exports = function (x) {\n\tif (!x) return false;\n\tif (typeof x === 'symbol') return true;\n\tif (!x.constructor) return false;\n\tif (x.constructor.name !== 'Symbol') return false;\n\treturn\n\t(x[x.constructor.toStringTag] === 'Symbol');\n};\n","/*! \n * jQuery JavaScript Library v3.3.1\n * \n * https://jquery.com/\n * \n * Includes Sizzle.js\n * \n * https://sizzlejs.com/\n * \n * Copyright JS Foundation and other\n contributors\n * \n * Released under the MIT license\n * \n * https://jquery.org/license\n * \n * Date: 2018-01-20T17:24Z\n *\nfunction( global, factory ) {\n\tif ( !global )\n\t\treturn;\n\tif ( global === "object" && typeof\n module.exports === "object" )\n\t\t// For CommonJS and CommonJS-like environments where a proper\n `window`\n\t\t// is present, execute the factory and get jQuery.\n\t\t// For environments that do not have a `window`\n\t\t// with a `document` (such as Node.js), expose a factory as module.exports.\n\t\t// This accentuates the need for\n the creation of a real `window`.\n\t\t// e.g. var jQuery = require("jquery")(window);\n\t\t// See ticket #14549 for\n more info.\n\t\tmodule.exports = global.document ?\n\t\t\tfactory( global, true ) :\n\t\t\tfunction( w ) {\n\t\t\t\tif ( !w || w === global )\n\t\t\t\t\treturn;\n\t\t\t\tif ( "object" !== typeof w\n\t\t\t\t\t&& "string" !== typeof w )\n\t\t\t\t\treturn;\n\t\t\t\tif ( w.document )\n\t\t\t\t\treturn factory( w, true );\n\t\t\t\treturn\n\t\t\t\t\tfactory( w, false );\n\t\t\t}( w );\n\t\treturn\n\t\t\tfactory( global, false );\n\t}( global, function( window, factory ) {\n\t\t// No window.\n\t\treturn\n\t\t\tfactory( window, false );\n\t}( window, function( window, noGlobal ) {\n\t\t// Use `global` instead of `window` for Node.js.\n\t\treturn\n\t\t\tfactory( global, true );\n\t}( noGlobal, function( window, noGlobal ) {\n\t\treturn\n\t\t\tfactory( window, false );\n\t}( window, false );\n\n// Register as a named AMD module, since jQuery can\n// optionally be a nested AMD module and jQuery is not\n// an AMD module in that case.\ndefine( "jquery", [],\n\nfunction() {\n\treturn\n\t\tfactory( window, true );\n}\n\n);

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!w.document ) {
  throw new Error( "jQuery requires a window with a document" );
  return
  factory( w );
} else {
  factory( global );
  // Pass this if window is not defined yet
}( typeof
window !== "undefined" ? window : this, function( window, noGlobal ) {
  // Edge <= 12 - 13+, Firefox <=18 -
  45+, IE 10 - 11, Safari 5.1 - 9+, iOS 6 - 9.1
  // throw exceptions when non-strict code (e.g., ASP.NET 4.5) accesses
  strict mode
  // arguments.callee.caller (trac-13335). But as of jQuery 3.0 (2016), strict mode should be common
  enough that all such attempts are guarded in a try block.
  "use strict";
  var arr = [];
  var document =
  window.document;
  var getProto = Object.getPrototypeOf;
  var slice = arr.slice;
  var concat =
  arr.concat;
  var push = arr.push;
  var indexOf = arr.indexOf;
  var class2type = {};
  var toString =
  class2type.toString;
  var hasOwn = class2type.hasOwnProperty;
  var fnToString = hasOwn.toString;
  var ObjectFunctionString = fnToString.call( Object );
  var support = {};
  var isFunction = function isFunction( obj
  ) {
    // Support: Chrome <=57, Firefox <=52
    // In some browsers, typeof returns "function" for HTML
    <object> elements
    // (i.e., `typeof document.createElement( "object" ) === "function"`).
    // We don't
    want to classify *any* DOM node as a function.
    return typeof obj === "function" && typeof obj.nodeType
    !== "number";
  };
  var isWindow = function isWindow( obj ) {
    return obj !== null && obj ===
    obj.window;
  };
  var preservedScriptAttributes = {
    type: true,
    src: true,
    noModule:
    true
  };
  function DOMEval( code, doc, node ) {
    doc = doc || document;
    var i,
    script =
    doc.createElement( "script" );
    script.text = code;
    if ( node ) {
      for ( i in preservedScriptAttributes ) {
        script[ i ] = node[ i ];
      }
      doc.head.appendChild( script
      ).parentNode.removeChild( script );
    }
  }
  function toType( obj ) {
    if ( obj === null ) {
      return obj +
      "";
    }
    // Support: Android <=2.3 only (functionish RegExp)
    return typeof obj === "object" || typeof obj
    === "function" ? class2type[ toString.call( obj ) ] || "object" : typeof obj;
  }
  // Define a local copy of
  global Symbol
  Defining this global in .eslintrc.json would create a danger of using the global
  // unguarded in another place, it
  seems safer to define global only for this module
  var version = "3.3.1";
  // Define a local copy of
  jQuery
  jQuery = function( selector, context ) {
    // The jQuery object is actually just the init constructor
    'enhanced'
    // Need init if jQuery is called (just allow error to be thrown if not included)
    return new
    jQuery.fn.init( selector, context );
  },
  // Support: Android <=4.0 only
  // Make sure we trim BOM and
  NBSP
  trim = /^[\s\uFEFF\xA0]+|[\s\uFEFF\xA0]+$/g;
  jQuery.fn = jQuery.prototype = {
    // The
    current version of jQuery being used
    jquery: version,
    constructor: jQuery,
    // The default length of a
    jQuery object is 0
    length: 0,
    toArray: function() {
      return slice.call( this );
    },
    // Get the Nth element
    in the matched element set OR
    // Get the whole matched element set as a clean array
    get: function( num ) {
      // Return all the elements in a clean array
      if ( num === null ) {
        return slice.call( this );
      }
      // Return just the one element from the set
      return num < 0 ? this[ num + this.length ] : this[ num ];
    },
    // Take an array of elements and push it onto the stack
    // (returning the new matched element set)
    pushStack:
    function( elems ) {
      // Build a new jQuery matched element set
      var ret = jQuery.merge( this.constructor(),
      elems );
      // Add the old object onto the stack (as a reference)
      ret.prevObject = this;
      // Return the
      newly-formed element set
      return ret;
    },
    // Execute a callback for every element in the matched
    set.
    each: function( callback ) {
      return jQuery.each( this, callback );
    },
    map: function( callback ) {
      return this.pushStack( jQuery.map( this, function( elem, i ) {
        return callback.call( elem, i, elem );
      } ) );
    },
    slice: function() {
      return this.pushStack( slice.apply( this, arguments ) );
    },
    first: function() {
      return this.eq( 0 );
    },
    last: function() {
      return this.eq( -1 );
    },
    eq: function( i ) {
      var len =
      this.length,
      tj = +i + ( i < 0 ? len : 0 );
      return this.pushStack( j >= 0 && j < len ? [ this[ j ] ] : []
      );
    },
    tend: function() {
      return this.prevObject || this.constructor();
    },
    // For internal use only.
    Behaves like an Array's method, not like a jQuery method.
    push: push,
    sort: arr.sort,
    splice:
    arr.splice
  };
  jQuery.extend = jQuery.fn.extend = function() {
    var options, name, src, copy, copyIsArray,
    clone,
    target = arguments[ 0 ] || {},
    ti = 1,
    length = arguments.length,
    deep = false;
    // Handle a
    deep copy situation
    if ( typeof target === "boolean" ) {
      deep = target;
      // Skip the boolean and the
      target
    }
    target = arguments[ i ] || {};
    ti++;
    // Handle case when target is a string or something
    (possible in deep copy)
    if ( typeof target !== "object" && !isFunction( target ) ) {
      target = {};
    }

```

```

Extend jQuery itself if only one argument is passed
if ( i === length ) {
    target = this;
}
for ( ; i < length; i++ ) {
    // Only deal with non-null/undefined values
    if ( ( options = arguments[ i ] ) != null ) {
        // Extend the base object
        for ( name in options ) {
            src = target[ name ];
            copy = options[ name ];
            // Prevent never-ending loop
            if ( target === copy ) {
                continue;
            }
            // Recurse if we're merging plain objects or arrays
            if ( deep && copy && ( jQuery.isPlainObject( copy ) ||
                ( copyIsArray = Array.isArray( copy ) ) ) ) {
                if ( copyIsArray ) {
                    copyIsArray = false;
                }
                clone = src && Array.isArray( src ) ? src : [];
            } else {
                clone = src && jQuery.isPlainObject( src ) ? src : {};
            }
            // Never move original objects, clone them
            target[ name ] = jQuery.extend( deep, clone, copy );
        }
        // Don't bring in undefined values
    } else if ( copy !== undefined ) {
        target[ name ] = copy;
    }
}
// Return the modified object
return target;
};
jQuery.extend( {
    // Unique for each copy of jQuery on the page
    expando: "jQuery" + ( version + Math.random() ).replace( /\D/g, "" ),
    // Assume jQuery is ready without the ready module
    isReady: true,
    error: function( msg ) {
        throw new Error( msg );
    },
    noop: function() {},
    isPlainObject: function( obj ) {
        var proto, Ctor;
        // Detect obvious negatives
        // Use toString instead of jQuery.type to catch host objects
        if ( !obj || toString.call( obj ) !== "[object Object]" ) {
            return false;
        }
        proto = getProto( obj );
        // Objects with no prototype (e.g., `Object.create( null )`) are plain
        if ( !proto ) {
            return true;
        }
        // Objects with prototype are plain iff they were constructed by a global Object function
        Ctor = hasOwn.call( proto, "constructor" ) && proto.constructor;
        return typeof Ctor === "function" && fnToString.call( Ctor ) === ObjectFunctionString;
    },
    isEmptyObject: function( obj ) {
        /* eslint-disable no-unused-vars */
        // See https://github.com/eslint/eslint/issues/6125
        var name;
        for ( name in obj ) {
            return false;
        }
        return true;
    },
    // Evaluates a script in a global context
    globalEval: function( code ) {
        DOMEval( code );
    },
    teach: function( obj, callback ) {
        var length, i = 0;
        if ( isArrayLike( obj ) ) {
            length = obj.length;
            for ( ; i < length; i++ ) {
                if ( callback.call( obj[ i ], i, obj[ i ] ) === false ) {
                    break;
                }
            }
        } else {
            for ( i in obj ) {
                if ( callback.call( obj[ i ], i, obj[ i ] ) === false ) {
                    break;
                }
            }
        }
        return obj;
    },
    // Support: Android <=4.0 only
    trim: function( text ) {
        return text == null ? "" : text.replace( rtrim, "" );
    },
    // results is for internal usage only
    makeArray: function( arr, results ) {
        var ret = results || [];
        if ( arr != null ) {
            if ( isArrayLike( Object( arr ) ) ) {
                jQuery.merge( ret, arr );
            } else {
                ret.push.call( ret, arr );
            }
        }
        return ret;
    },
    // Support: Android <=4.0 only, PhantomJS 1 only
    // push.apply(_, arraylike) throws on ancient WebKit
    merge: function( first, second ) {
        var len = +second.length,
            i = 0,
            j = first.length;
        for ( ; i < len; i++ ) {
            first[ i ] = second[ i ];
        }
        first.length = i;
        return first;
    },
    grep: function( elems, callback, invert ) {
        var callbackInverse,
            matches = [],
            i = 0,
            length = elems.length,
            callbackExpect = !invert;
        // Go through the array, only saving the items
        // that pass the validator function
        for ( ; i < length; i++ ) {
            callbackInverse = !callback( elems[ i ], i );
            if ( callbackInverse !== callbackExpect ) {
                matches.push( elems[ i ] );
            }
        }
        return matches;
    },
    // arg is for internal usage only
    map: function( elems, callback, arg ) {
        var length,
            value,
            i = 0,
            ret = [];
        // Go through the array, translating each of the items to their new values
        if ( isArrayLike( elems ) ) {
            length = elems.length;
            for ( ; i < length; i++ ) {
                value = callback( elems[ i ], i, arg );
                if ( value != null ) {
                    ret.push( value );
                }
            }
        } else {
            for ( i in elems ) {
                value = callback( elems[ i ], i, arg );
                if ( value != null ) {
                    ret.push( value );
                }
            }
        }
        // Flatten any nested arrays
        return concat.apply( [], ret );
    },
    // A global GUID counter for objects
    guid: 1,
    // jQuery.support is not used in Core but other projects attach their
    // properties to it so it needs to exist.
    support: support,
    // Support: PhantomJS 1 only
    // nif ( typeof Symbol === "function" ) {
    //     jQuery.fn[ Symbol.iterator ] = arr[ Symbol.iterator ];
    // }
    // Populate the class2type
    map[ jQuery.each( "Boolean Number String Function Array Date RegExp Object Error Symbol".split( " " ),
        function( i, name ) {
            class2type[ "[object " + name + "]" ] = name.toLowerCase();
        } )
    ],
    function( i, name ) {
        class2type[ "[object " + name + "]" ] = name.toLowerCase();
    }
} );

```











```

node.value === attrId;
node.value === attrId;
node.value === attrId;
Support: IE 6 - 7 only
getElementById is not reliable as a find
shortcut
Expr.find["ID"] = function( id, context ) {
  if ( typeof context.getElementById !== "undefined"
    && documentIsHTML ) {
    var node, i, elems;
    telem = context.getElementById( id );
    if ( elem ) {
      // Verify the id attribute
      node = elem.getAttributeNode("id");
      if ( node &&
        node.value === id ) {
        return [ elem ];
      }
      // Fall back on
      getElementsByName
      elems = context.getElementsByName( id );
      ti = 0;
      while ( ( elem =
        elems[i++] ) ) {
        node = elem.getAttributeNode("id");
        if ( node && node.value === id ) {
          return [ elem ];
        }
      }
      return [];
    }
    // Tag
    Expr.find["TAG"] = support.getElementsByTagName ?
    function( tag, context ) {
      if ( typeof
        context.getElementsByTagName !== "undefined" ) {
        return context.getElementsByTagName( tag );
      }
      // DocumentFragment nodes don't have gEBTN
      else if ( support.qsa ) {
        return
          context.querySelectorAll( tag );
      }
      // By happy coincidence, a (broken) gEBTN appears on DocumentFragment nodes
      too
      results = context.getElementsByTagName( tag );
      // Filter out possible comments
      if ( tag ===
        "*" ) {
        while ( ( elem = results[i++] ) ) {
          if ( elem.nodeType === 1 ) {
            tmp.push( elem );
          }
        }
        return tmp;
      }
      return results;
    }
    // Class
    Expr.find["CLASS"] =
    support.getElementsByClassName && function( className, context ) {
      if ( typeof
        context.getElementsByClassName !== "undefined" && documentIsHTML ) {
        return
          context.getElementsByClassName( className );
      }
      // QSA/matchesSelector
      -----
      -----
      *
      // QSA and matchesSelector support
      matchesSelector(:active)
      reports false when true (IE9/Opera 11.5)
      buggyMatches = [];
      // qSa(:focus) reports false when true (Chrome
      21)
      // We allow this because of a bug in IE8/9 that throws an error
      // whenever `document.activeElement` is
      // accessed on an iframe
      // So, we allow :focus to pass through QSA all the time to avoid the IE error
      // See
      https://bugs.jquery.com/ticket/13378
      buggyQSA = [];
      if ( (support.qsa = rnative.test(
        document.querySelectorAll )) ) {
        // Build QSA regex
        // Regex strategy adopted from Diego
        Perini
        tassert(function( el ) {
          // Select is set to empty string on purpose
          // This is to test IE's treatment
          // of not explicitly
          // setting a boolean content attribute,
          // since its presence should be enough
          https://bugs.jquery.com/ticket/12359
          tdocElem.appendChild( el ).innerHTML = "<a id=" + expando +
            "></a> + <select id=" + expando + "-|r|' msallowcapture=" + > + <option
            selected="></option></select>";
          // Support: IE8, Opera 11-12.16
          // Nothing should be selected when
          // empty strings follow ^= or $= or *=
          // The test attribute must be unknown in Opera but "safe" for
          // WinRT
          https://msdn.microsoft.com/en-us/library/ie/hh465388.aspx#attribute_section
          if (
            el.querySelectorAll("[msallowcapture^=").length ) {
            buggyQSA.push( "[^$]=" + whitespace +
              "(?:'|\\|\\|)" );
          }
          // Support: IE8
          // Boolean attributes and "value" are not treated
          // correctly
          if ( !el.querySelectorAll("[selected]").length ) {
            buggyQSA.push( "\\|\\| + whitespace +
              "(?:value| + booleans + )" );
          }
          // Support: Chrome<29, Android<4.4, Safari<7.0+, iOS<7.0+,
          // PhantomJS<1.9.8
          if ( !el.querySelectorAll( "[id~=" + expando + "-]" ).length ) {
            buggyQSA.push( "~=" );
          }
          // Webkit/Opera - :checked should return selected option
          // elements
          http://www.w3.org/TR/2011/REC-css3-selectors-20110929/#checked
          IE8 throws error here
          and will not see later tests
          if ( !el.querySelectorAll(":checked").length ) {
            buggyQSA.push( ":checked" );
          }
          // Support: Safari 8+, iOS 8+
          https://bugs.webkit.org/show_bug.cgi?id=136851
          In-page `selector#id sibling-combinator selector`
          fails
          if ( !el.querySelectorAll( "a#" + expando + "+*" ).length ) {
            buggyQSA.push( "#.+[+~]" );
          }
          // Support:
          Windows 8 Native Apps
          // The type and name attributes are restricted during
          .innerHTML
          assignment
          var input = document.createElement("input");
          tinput.setAttribute( "type", "hidden" );
          tel.appendChild( input ).setAttribute( "name", "D" );
          // Support: IE8
          // Enforce case-

```





















```

return this.pushStack( jQuery( selector ).filter( function() {
  for ( i = 0; i < len; i++ ) {
    if ( jQuery.contains( self[ i ], this ) ) {
      return true;
    }
  }
  return false;
} );
  this.pushStack( [] );
  for ( i = 0; i < len; i++ ) {
    jQuery.find( selector, self[ i ], ret );
  }
  return len > 1 ? jQuery.uniqueSort( ret ) : ret;
}, {
  filter: function( selector ) {
    return this.pushStack( winnow( this, selector || [], false ) );
  },
  not: function( selector ) {
    return this.pushStack( winnow( this, selector || [], true ) );
  },
  tis: function( selector ) {
    return !!winnow(
      this,
      selector || [], true );
    // If this is a positional/relative selector,
    // check membership in the returned set
    // so $("p:first").is("p:last") won't return true for a doc with two
    // "p"s.
    if ( typeof selector === "string" && needsContext.test( selector ) ) {
      jQuery( selector )
        .pushStack( jQuery( selector )
          .filter(function() {
            return this.nodeType === 1;
          }) );
      return this.filter(function() {
        return this.parentNode === selector;
      });
    }
    return this.filter(selector);
  }
});

// Initialize a jQuery object
// A central reference to the root jQuery object
var rootjQuery,
// A simple way to check for HTML strings
// Prioritize #id over <tag>
// to avoid XSS via location.hash (#9521)
// Strict HTML recognition (#11290: must start with <)<br>
// Shortcut simple #id case for speed
quickExpr = /^(?:\s*(<[\w\W]+>)[^>]*(?:\s+#[\w-]+)\$/;
jQuery.fn.init = function( selector, context, root ) {
  var match, elem;
  // HANDLE: $(""), $(null), $(undefined), $(false)
  if ( !selector ) {
    return this;
  }
  // Method init() accepts an alternate rootjQuery
  // so migrate can support jQuery.sub (gh-2101)
  root = root || rootjQuery;
  // Handle HTML strings
  if ( typeof selector === "string" ) {
    if ( selector[ 0 ] === "<" && selector[ selector.length - 1 ] === ">" && selector.length >= 3 ) {
      // Assume that strings that start and end with <> are
      // HTML and skip the regex check
      match = [ null, selector, null ];
    } else {
      match = quickExpr.exec( selector );
    }
    // Match html or make sure no context is specified for #id
    if ( match && ( match[ 1 ] || !context ) ) {
      // HANDLE: $(html) -> $(array)
      // $(html) -> $(array)
      // context instance of jQuery? context[ 0 ] : context;
      // Option to run scripts is true for back-
      // compat
      // Intentionally let the error be thrown if parseHTML is not present
      jQuery.merge( this,
        jQuery.parseHTML(
          match[ 1 ],
          context && context.nodeType ? context.ownerDocument || context : document,
          true ) );
      // HANDLE: $(html, props)
      if ( rsingleTag.test( match[ 1 ] ) && jQuery.isPlainObject( context ) ) {
        for ( match in context ) {
          // Properties of context are called as methods if possible
          if ( isFunction( this[ match ] ) ) {
            this[ match ](
              context[ match ] );
          }
          // ...and otherwise set as attributes
          else {
            this.attr( match, context[ match ] );
          }
        }
      }
      return this;
    }
    // HANDLE: $(#id)
    else {
      elem = document.getElementById( match[ 2 ] );
      if ( elem ) {
        // Inject the
        // element directly into the jQuery object
        this[ 0 ] = elem;
        this.length = 1;
        return this;
      }
      // HANDLE: $(expr, $(...))
      // HANDLE: $(expr, context)
      // (which is just equivalent to:
      // $(context).find(expr)
      // else {
      return this.constructor( context ).find( selector );
    }
    // HANDLE: $(DOMElement)
    else if ( selector.nodeType ) {
      this[ 0 ] = selector;
      this.length = 1;
      return this;
    }
    // HANDLE: $(function)
    // Shortcut for document ready
    else if ( isFunction( selector ) ) {
      return root.ready !== undefined ?
        root.ready( selector ) :
        // Execute immediately
        ready.isNotPresent( selector, jQuery );
    }
  }
  // Give the init function the jQuery prototype for later instantiation
  ninit.prototype = jQuery.fn;
  // Initialize central reference
  rootjQuery = jQuery( document );
  nvar rparentsprev = /^(?:parents|prev(?:Until|All))/;
  // Methods guaranteed to produce a unique set when starting from a unique set
  guaranteedUnique = {
    children: true,
    contents: true,
    next: true,
    prev: true
  };
  jQuery.fn.extend( {
    has: function( target ) {
      var targets = jQuery( target, this ),
          l = targets.length;
      return this.filter( function() {
        for ( i = 0; i < l; i++ ) {
          if ( jQuery.contains( this, targets[ i ] ) ) {
            return true;
          }
        }
      });
    },
    closest: function( selectors, context ) {
      var cur,
          i = 0,
          l = this.length,
          matched = [],
          targets = typeof selectors !== "string" && jQuery( selectors );
      // Positional selectors never match,
      // since there's no _selection_ context
      if ( !needsContext.test( selectors ) ) {
        for ( ; i < l; i++ ) {
          for ( cur = this[ i ]; cur && cur !== context; cur = cur.parentNode ) {
            // Always skip document
            if ( cur.nodeType < 11 && ( targets ?
              targets.index( cur ) > -1 :
              !Don't pass

```

non-elements to Sizzle

```
cur.nodeType === 1 && jQuery.find.matchesSelector( cur, selectors )
) {
  matched.push( cur );
  break;
}

return this.pushStack(
  matched.length > 1 ? jQuery.uniqueSort( matched ) : matched );
// Determine the position of an element
// within the set
index: function( elem ) {
  // No argument, return index in parent
  if ( !elem ) {
    return ( this[ 0 ] && this[ 0 ].parentNode ) ? this.first().prevAll().length : -1;
  }
  // Index in selector
  if ( typeof elem === "string" ) {
    return indexOf.call( jQuery( elem ), this[ 0 ] );
  }
  // Locate the position of the
  // desired element
  return indexOf.call( this,
    // If it receives a jQuery object, the first element is
    // used
    elem.jquery ? elem[ 0 ] : elem );
},
add: function( selector, context ) {
  return this.pushStack(
    jQuery.uniqueSort(
      jQuery.merge( this.get(), jQuery( selector, context )
    )
  );
},
addBack: function( selector ) {
  return this.add( selector === null ? this.prevObject : this.prevObject.filter( selector ) );
},
function sibling( cur, dir ) {
  while ( ( cur = cur[ dir ] ) && cur.nodeType !== 1 ) {}
  return cur;
},
jQuery.each( {
  parent: function( elem ) {
    var parent = elem.parentNode;
    return parent && parent.nodeType !== 11 ? parent : null;
  },
  parents: function( elem ) {
    return dir( elem, "parentNode" );
  },
  parentsUntil: function( elem, i, until ) {
    return dir( elem, "parentNode", until );
  },
  next: function( elem ) {
    return sibling( elem, "nextSibling" );
  },
  prev: function( elem ) {
    return sibling( elem, "previousSibling" );
  },
  nextAll: function( elem ) {
    return dir( elem, "nextSibling" );
  },
  prevAll: function( elem ) {
    return dir( elem, "previousSibling" );
  },
  nextUntil: function( elem, i, until ) {
    return dir( elem, "nextSibling", until );
  },
  prevUntil: function( elem, i, until ) {
    return dir( elem, "previousSibling", until );
  },
  siblings: function( elem ) {
    return siblings( ( elem.parentNode || {} ).firstChild, elem );
  },
  children: function( elem ) {
    return siblings( elem.firstChild );
  },
  contents: function( elem ) {
    if ( nodeName( elem, "iframe" ) ) {
      return elem.contentDocument;
    }

    // Support: IE 9 - 11 only, iOS 7 only, Android Browser <= 4.3
    // only
    // Treat the template element as a regular one in browsers that
    // don't support it.
    if ( nodeName( elem, "template" ) ) {
      elem = elem.content || elem;
    }

    return jQuery.merge( [], elem.childNodes );
  },
  function( name, fn ) {
    jQuery.fn[ name ] = function( until, selector ) {
      var matched = jQuery.map( this, fn, until );

      if ( name.slice( -5 ) !== "Until" ) {
        selector = until;
      }

      if ( selector && typeof selector === "string" ) {
        matched = jQuery.filter( selector, matched );
      }

      if ( this.length > 1 ) {
        // Remove duplicates
        if ( !jQuery.unique[ name ] ) {
          jQuery.uniqueSort( matched );
        }
        // Reverse order for parents* and prev-derivatives
        if ( rparentsprev.test( name ) ) {
          matched.reverse();
        }
      }

      return this.pushStack( matched );
    };
  },
  rnothtmlwhite = ( /[^\x20\t\r\n\f]+/g );
},
function createOptions( options ) {
  var object = {};
  jQuery.each( options.match( rnothtmlwhite ) || [],
    function( _, flag ) {
      object[ flag ] = true;
    } );
  return object;
},
// Create a callback list using the following parameters:
// * options: an optional list of space-separated options that will change how the
// callback list behaves or a more traditional option object
// * By default a callback list will act like an event
// callback list and can be "fired" multiple times.
// * Possible options:
// * once: will ensure the
// callback list can only be fired once (like a Deferred)
// * memory: will keep track of previous values and will
// call any callback added
// after the list has been fired right away with the latest "memorized"
// values (like a Deferred)
// * unique: will ensure a callback can only be added once (no duplicate in
// the list)
// * stopOnFalse: interrupt callings when a callback returns false
// * jQuery.Callbacks =
function( options ) {
  // Convert options from String-formatted to Object-formatted if needed
  // (we check in
  cache first)
  options = typeof options === "string" ? createOptions( options ) : jQuery.extend( {}, options );
  // Flag to know if list is currently firing
  firing;
  // Last fire value for non-forgettable
  lists
  // Flag to know if list was already fired
  fired;
  // Flag to prevent
  firing
  // Actual callback list
  list = [],
  // Queue of execution data for repeatable
  lists
  queue = [],
  // Index of currently firing callback (modified by add/remove as needed)
  firingIndex = -1,
  // Fire callbacks
  fire = function() {
    // Enforce single-firing
    if ( locked ) {
      return;
    }
    // Execute callbacks for all pending executions,
    // respecting firingIndex overrides and

```



```

jQuery.Callbacks( "once memory" ), jQuery.Callbacks( "once memory" ), 0, "resolved" ], jQuery.Callbacks(
"reject", "fail", jQuery.Callbacks( "once memory" ), jQuery.Callbacks( "once memory" ), 1,
"rejected" ]), { state: "pending", promise: { state: function() { return
state; }, always: function() { deferred.done( arguments ).fail( arguments ); }, return
this; }, "catch": function( fn ) { return promise.then( null, fn ); }, // Keep pipe
for back-compat pipe: function( /* fnDone, fnFail, fnProgress */ ) { var fns =
arguments; return jQuery.Deferred( function( newDefer ) { jQuery.each( tuples, function( i,
tuple ) { Map tuples (progress, done, fail) to arguments (done, fail, progress) var fn =
isFunction( fns[ tuple[ 4 ] ] ) && fns[ tuple[ 4 ] ]; deferred.progress(function() { bind to newDefer or
newDefer.notify }) deferred.done(function() { bind to newDefer or newDefer.resolve }) deferred.fail(function() {
bind to newDefer or newDefer.reject }) deferred[ tuple[ 1 ] ]( function()
{ var returned = fn && fn.apply( this, arguments ); if ( returned && isFunction(
returned.promise ) ) { returned.promise().progress( newDefer.notify
) done( newDefer.resolve ) fail( newDefer.reject ); } else
{ newDefer[ tuple[ 0 ] + "With" ]( this, fn ? [ returned ] :
arguments ); } } ); } ).promise(); }, then: function( onFulfilled, onRejected, onProgress ) { var maxDepth =
0; function resolve( depth, deferred, handler, special ) { return function() { var that =
this, args = arguments, mightThrow = function() { var returned,
then; Support: Promises/A+ section 2.3.3.3 https://promisesaplus.com/#point-
59 Ignore double-resolution attempts if ( depth < maxDepth )
{ return; } returned = handler.apply( that, args ); Support: Promises/A+ section 2.3.1 https://promisesaplus.com/#point-48
if ( returned
=== deferred.promise() ) { throw new TypeError( "Thenable self-resolution"
); } } } ); } Support: Promises/A+ sections 2.3.3.1, 3.5 https://promisesaplus.com/#point-54 https://promisesaplus.com/#point-75
Retrieve
`then` only once then = returned && !then // Support: Promises/A+ section
2.3.4 https://promisesaplus.com/#point-64 Only check objects and functions for
thenability ( typeof returned === "object" || typeof returned === "function" )
&& returned.then; // Handle a returned thenable if ( isFunction( then ) )
{ Special processors (notify) just wait for resolution if ( special )
{ then.call( returned, resolve( maxDepth, deferred, Identity,
special ), resolve( maxDepth, deferred, Thrower, special ) ); } //
Normal processors (resolve) also hook into progress else { ...and disregard
older resolution
values } maxDepth++; then.call( returned, resolve( maxDepth, deferred, Identity, special
), resolve( maxDepth, deferred, Thrower, special
), resolve( maxDepth, deferred, Identity, deferred.notifyWith
) ); } // Handle all other returned values else
{ Only substitute handlers pass on context and multiple values (non-spec
behavior) if ( handler !== Identity ) { that = undefined; args = [
returned ]; } // Process the value(s) // Default process is
resolve( special || deferred.resolveWith )( that, args ); // Only normal processors (resolve) catch and reject exceptions
process = special
? mightThrow : function() { try
{ mightThrow(); } catch ( e ) { if (
jQuery.Deferred.exceptionHook ) { jQuery.Deferred.exceptionHook(
e, process.stackTrace ); } // Support: Promises/A+ section

```



2.3.3.3.4.1 <https://promisesaplus.com/#point-61> Ignore post-resolution exceptions ( depth + 1 >= maxDepth ) { Only substitute handlers pass on context and multiple values (non-spec behavior) ( handler !== Throwing ) { that = undefined; targs = [ e ]; deferred.rejectWith( that, args ); } Support: Promises/A+ section

2.3.3.3.1 <https://promisesaplus.com/#point-57> Re-resolve promises immediately to dodge false rejection from subsequent errors ( depth ) { process(); } else { Call an optional hook to record the stack, in case of exception since it's otherwise lost when execution goes async ( jQuery.Deferred.getStackHook ) { process.stackTrace = jQuery.Deferred.getStackHook(); } twindow.setTimeout( process ); } tuples[ 0 ][ 3 ].add( resolve( t0, tnewDefer, tisFunction( onProgress ) ? tonProgress : Identity, tnewDefer.notifyWith( t ) ); fulfilled\_handlers.add( ... ) tuples[ 1 ][ 3 ].add( resolve( t0, tnewDefer, tisFunction( onFulfilled ) ? tonFulfilled : Identity, tnewDefer.notifyWith( t ); rejected\_handlers.add( ... ) tuples[ 2 ][ 3 ].add( resolve( t0, tnewDefer, tisFunction( onRejected ) ? tonRejected : Throwing( t ), t ); ).promise(); ) Get a promise for this deferred ( If obj is provided, the promise aspect is added to the object ( promise: function( obj ) { return obj != null ? jQuery.extend( obj, promise ) : promise; }, deferred = {} ); Add list-specific methods jQuery.each( tuples, function( i, tuple ) { list = tuple[ 2 ], stateString = tuple[ 5 ]; promise.progress = list.add( promise.done = list.add( promise.fail = list.add( promise[ tuple[ 1 ] ] = list.add; Handle state ( stateString ) { list.add( function() { state = "resolved" ( i.e., fulfilled ) state = "rejected" } state = stateString; }, list ); rejected\_callbacks.disable( fulfilled\_callbacks.disable( tuples[ 3 - i ][ 2 ].disable, list ); rejected\_handlers.disable( fulfilled\_handlers.disable( tuples[ 3 - i ][ 3 ].disable, list ); progress\_callbacks.lock( tuples[ 0 ][ 2 ].lock, list ); progress\_handlers.lock( tuples[ 0 ][ 3 ].lock, list ); progress\_handlers.fire( fulfilled\_handlers.fire( rejected\_handlers.fire( list.add( tuple[ 3 ].fire ); deferred.notify = function() { deferred.notifyWith( ... ) } deferred.resolve = function() { deferred.resolveWith( ... ) } deferred.reject = function() { deferred.rejectWith( ... ) } deferred[ tuple[ 0 ] ] = function() { deferred[ tuple[ 0 ] ] + "With" } ( this === deferred ? undefined : this, arguments ); return this; } deferred.notifyWith = list.fireWith( deferred.resolveWith = list.fireWith( deferred.rejectWith = list.fireWith( deferred[ tuple[ 0 ] ] + "With" ) = list.fireWith; ) ); Make the deferred a promise ( promise.promise( deferred ); ) Call given func if any ( func ) { func( deferred, deferred ); } All done! ( return deferred; ), Deferred helper ( when: function( singleValue ) { count of uncompleted subordinators remaining = arguments.length, count of unprocessed arguments remaining, subordinate fulfillment data ( resolveContexts = Array( i ), resolveValues = slice.call( arguments ), the master Deferred ( master = jQuery.Deferred(), subordinate callback factory ( updateFunc = function( i ) { return function( value ) { resolveContexts[ i ] = this; resolveValues[ i ] = arguments.length > 1 ? slice.call( arguments ) : value; } ( ! --remaining ) } master.resolveWith( resolveContexts, resolveValues ); } Single- and empty arguments are adopted like Promise.resolve ( remaining <= 1 ) { adoptValue( singleValue, master.done( updateFunc( i ) ).resolve, master.reject, !remaining ); } Use .then() to unwrap secondary



```

jQuery.expando + Data.uid++;
Data.uid = 1;
Data.prototype = {
  cache: function( owner ) {
    Check if the owner object already has a cache
    value = owner[ this.expando ];
    If not, create one
    ( !value ) {
      value = {};
      We can accept data for non-element nodes in modern browsers,
      but we should not, see #8335.
      Always return an empty object.
    }
    If it is a node unlikely to be stringify-ed or looped over
    use plain assignment
    ( owner.nodeType )
    {
      owner[ this.expando ] = value;
      Otherwise secure it in a non-enumerable property
      configurable must be true to allow the property to be
      deleted when data is removed
    } else
    {
      Object.defineProperty( owner, this.expando, {
        value: value,
        configurable: true
      } );
    }
    return value;
  },
  set: function( owner, data, value ) {
    var prop, cache = this.cache( owner );
    Handle: [ owner, key, value ] args
    Always use camelCase key (gh-2257)
    ( typeof data === "string" ) {
      cache[ camelCase( data ) ] = value;
    }
    Handle: [ owner, { properties } ] args
    else {
      Copy the properties one-by-one to the cache object
      for ( prop in data )
        cache[ camelCase( prop ) ] = data[ prop ];
    }
    return cache;
  },
  get: function( owner, key ) {
    return key === undefined ?
      this.cache( owner ) :
      Always use camelCase key (gh-2257)
      owner[ this.expando ] && owner[ this.expando ][ camelCase( key ) ];
  },
  access: function( owner, key, value ) {
    In cases where either:
    1. No key was specified
    2. A string key was specified, but no value provided
    Take the "read" path and allow the get method to determine
    which value to return, respectively either:
    1. The entire cache object
    2. The data stored at the key
    ( key === undefined ||
      ( key && typeof key === "string" ) &&
      value === undefined )
    {
      return this.get( owner, key );
    }
    When the key is not a string, or both a key and value
    are specified, set or extend (existing objects) with either:
    1. An object of properties
    2. A key and value
    this.set( owner, key, value );
    Since the "set" path can have two possible entry points
    return the expected data based on which path was taken[*]
    return value !== undefined ? value :
    key;
  },
  remove: function( owner, key ) {
    var i, cache = owner[ this.expando ];
    If ( cache === undefined )
      return;
    If ( key !== undefined )
      Support array or space separated string of keys
      ( Array.isArray( key ) )
      {
        If key is an array of keys...
        We always set camelCase keys, so remove that.
        key = key.map( camelCase );
      }
      else
        key = camelCase( key );
    If a key with the spaces exists, use it.
    Otherwise, create an array by matching non-whitespace
    key = key in cache ?
      [ key ] :
      key.match( /\s+/ ) || [];
    while ( i-- )
      delete cache[ key[ i ] ];
    Remove the expando if there's no more data
    ( key === undefined || jQuery.isEmptyObject( cache ) )
    {
      Support: Chrome <=35 - 45
      Webkit & Blink performance suffers when deleting properties
      from DOM nodes, so set to undefined instead
      https://bugs.chromium.org/p/chromium/issues/detail?id=378607 (bug restricted)
      ( owner.nodeType )
      {
        owner[ this.expando ] = undefined;
      }
      else
        delete owner[ this.expando ];
    }
  },
  hasData: function( owner ) {
    var cache = owner[ this.expando ];
    return cache !== undefined && !jQuery.isEmptyObject( cache );
  }
};
var dataPriv = new Data();
var dataUser = new Data();

Implementation Summary

1. Enforce API surface and semantic compatibility with 1.9.x branch
2. Improve the module's maintainability by reducing the storage
paths to a single mechanism.
3. Use the same single mechanism to support "private" and "user" data.
4. _Never_ expose "private" data to user code (TODO: Drop _data, _removeData)
5. Avoid exposing implementation details on user objects (eg. expando properties)
6. Provide a clear path for implementation upgrade to WeakMap in 2014

var rbrace = /^(?:[\w\W]*\}\}\$)/;
var rmultiDash = /[A-Z]/g;
function getData( data )
{
  if ( data === "true" )
    return true;
  if ( data === "false" )
    return false;
  if ( data === "null" )
    return null;
  Only convert to a number if it doesn't change the string
  ( data === +data + "" )
  {
    return +data;
  }
  if ( rbrace.test( data ) )
    return JSON.parse( data );
  return data;
}
function dataAttr( elem, key, data )
{
  var name;
  If nothing was found internally, try to fetch any
  data from the HTML5 data-* attribute
  ( data === undefined && elem.nodeType === 1 )
  {
    name = "data-" + key.replace( rmultiDash, "-" ) + key;
    data = elem.getAttribute( name );
    If ( typeof data === "string" )
      {
        Always use camelCase key (gh-2257)
        ( typeof data === "string" )
        {
          cache[ camelCase( data ) ] = value;
        }
        Handle: [ owner, { properties } ] args
        else {
          Copy the properties one-by-one to the cache object
          for ( prop in data )
            cache[ camelCase( prop ) ] = data[ prop ];
        }
        return cache;
      }
      return key;
    }
    When the key is not a string, or both a key and value
    are specified, set or extend (existing objects) with either:
    1. An object of properties
    2. A key and value
    this.set( owner, key, value );
    Since the "set" path can have two possible entry points
    return the expected data based on which path was taken[*]
    return value !== undefined ? value :
    key;
  },
  remove: function( owner, key ) {
    var i, cache = owner[ this.expando ];
    If ( cache === undefined )
      return;
    If ( key !== undefined )
      Support array or space separated string of keys
      ( Array.isArray( key ) )
      {
        If key is an array of keys...
        We always set camelCase keys, so remove that.
        key = key.map( camelCase );
      }
      else
        key = camelCase( key );
    If a key with the spaces exists, use it.
    Otherwise, create an array by matching non-whitespace
    key = key in cache ?
      [ key ] :
      key.match( /\s+/ ) || [];
    while ( i-- )
      delete cache[ key[ i ] ];
    Remove the expando if there's no more data
    ( key === undefined || jQuery.isEmptyObject( cache ) )
    {
      Support: Chrome <=35 - 45
      Webkit & Blink performance suffers when deleting properties
      from DOM nodes, so set to undefined instead
      https://bugs.chromium.org/p/chromium/issues/detail?id=378607 (bug restricted)
      ( owner.nodeType )
      {
        owner[ this.expando ] = undefined;
      }
      else
        delete owner[ this.expando ];
    }
  },
  hasData: function( owner ) {
    var cache = owner[ this.expando ];
    return cache !== undefined && !jQuery.isEmptyObject( cache );
  }
};
var dataPriv = new Data();
var dataUser = new Data();

Implementation Summary

1. Enforce API surface and semantic compatibility with 1.9.x branch
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paths to a single mechanism.
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```

```

data === "string" ) {
  try {
    data = getData( data );
  } catch ( e ) {}
  // Make sure we set the data so it isn't changed later
  dataUser.set( elem, key, data );
  else {
    data = undefined;
  }
  return data;
}
jQuery.extend( {
  hasData: function( elem ) {
    return dataUser.hasData( elem ) || dataPriv.hasData( elem );
  },
  data: function( elem, name, data ) {
    return dataUser.access( elem, name, data );
  },
  removeData: function( elem, name ) {
    return dataUser.remove( elem, name );
  },
  // TODO: Now that all calls to _data and _removeData have been replaced
  // with direct calls to dataPriv methods, these can be deprecated.
  _data: function( elem, name, data ) {
    return dataPriv.access( elem, name, data );
  },
  _removeData: function( elem, name ) {
    return dataPriv.remove( elem, name );
  }
} );
jQuery.fn.extend( {
  data: function( key, value ) {
    var i, name, data, elem = this[ 0 ], attr = elem && elem.attributes;
    // Gets all values
    if ( key === undefined ) {
      if ( this.length ) {
        data = dataUser.get( elem );
        if ( elem.nodeType === 1 && !dataPriv.get( elem, "hasDataAttrs" ) ) {
          var attrNames = attr.length;
          while ( i-- ) {
            // Support: IE 11 only
            // The attr elements can be null
            ( #14894 )
            if ( attr[ i ] ) {
              var name = attr[ i ].name;
              if ( name.indexOf( "data-" ) === 0 ) {
                name = camelCase( name.slice( 5 ) );
                dataAttr( elem, name, data[ name ] );
              }
            }
          }
          dataPriv.set( elem, "hasDataAttrs", true );
        }
      }
      return data;
    }
    // Sets multiple values
    if ( typeof key === "object" ) {
      return this.each( function() {
        dataUser.set( this, key );
      } );
    }
    return access( this, function( value ) {
      // The calling jQuery object (element matches) is not empty
      // (and therefore has an element appears at this[ 0 ]) and the `value` parameter was not undefined.
      // An empty jQuery object will result in `undefined` for elem = this[ 0 ] which will
      // throw an exception if an attempt to read a data cache is made.
      if ( elem && value === undefined ) {
        // Attempt to get data from the cache
        // The key will always be camelCased in Data
        data = dataUser.get( elem, key );
        if ( data !== undefined ) {
          return data;
        }
        // Attempt to "discover" the data in
        // HTML5 custom data-* attrs
        data = dataAttr( elem, key );
        if ( data !== undefined ) {
          return data;
        }
        // We tried really hard, but the data doesn't exist.
        return;
      }
      // Set the data...
      this.each( function() {
        // We always store the camelCased key
        dataUser.set( this, key, value );
      } );
    }, null, value, arguments.length > 1, null, true );
  },
  removeData: function( key ) {
    return this.each( function() {
      dataUser.remove( this, key );
    } );
  }
} );
jQuery.extend( {
  queue: function( elem, type, data ) {
    var queue;
    if ( elem ) {
      type = ( type || "fx" ) + "queue";
      queue = dataPriv.get( elem, type );
      // Speed up dequeue by getting out quickly if this is just a lookup
      if ( data ) {
        if ( !queue || Array.isArray( data ) ) {
          queue = dataPriv.access( elem, type, jQuery.makeArray( data ) );
        } else {
          queue.push( data );
        }
      }
      return queue || [];
    }
    dequeue: function( elem, type ) {
      type = type || "fx";
      var queue = jQuery.queue( elem, type ),
          startLength = queue.length,
          fn = queue.shift(),
          hooks = jQuery._queueHooks( elem, type ),
          next = function() {
            jQuery.dequeue( elem, type );
          };
      // If the fx queue is dequeued, always
      // remove the progress sentinel
      if ( fn === "inprogress" ) {
        fn = queue.shift();
        startLength--;
      }
      // Add a progress sentinel to prevent the fx queue from being
      // automatically dequeued
      if ( type === "fx" ) {
        queue.unshift( "inprogress" );
      }
      // Clear up the last queue stop function
      delete hooks.stop;
      fn.call( elem, next, hooks );
      if ( !startLength && hooks ) {
        hooks.empty.fire();
      }
    },
    // Not public - generate a queueHooks object, or return the current one
    _queueHooks: function( elem, type ) {
      var key = type + "queueHooks";
      return dataPriv.get( elem, key ) || dataPriv.access( elem, key, {
        empty: jQuery.Callbacks( "once memory" ).add( function() {
          dataPriv.remove( elem, [ type + "queue", key ] );
        } )
      } );
    }
  },
  queue: function( type, data ) {
    var setter = 2;
    if ( typeof type !== "string" ) {
      type = "fx";
      setter--;
    }
    if ( arguments.length < setter ) {
      return jQuery.queue( this[ 0 ], type );
    }
    return data === undefined ?
      this.each( function() {
        var queue = jQuery.queue( this, type, data );
        // Ensure a hooks for this queue
        jQuery._queueHooks( this, type );
        if ( type === "fx" && queue[ 0 ] !== "inprogress" ) {
          jQuery.dequeue( this, type );
        }
      } ) :
      data;
  }
} );

```

```

);
}
$.fn.dequeue = function( type ) {
return this.each( function() {
$.fn.dequeue( this, type );
} );
};
$.fn.clearQueue = function( type ) {
return this.queue( type || "fx", [] );
};
// Get a promise resolved when queues of a certain type are emptied (fx is the type by default)
$.fn.promise = function( type, obj ) {
var tmp, tcount = 1, tdefer = $.Deferred(), telements = this, ti = this.length, tresolve = function() {
tif ( --count ) {
tdefer.resolveWith( elements, [ elements ] );
};
tif ( typeof type !== "string" ) {
tobj = type;
ttype = undefined;
} else {
ttype = type || "fx";
}
twhile ( i-- ) {
ttmp = dataPriv.get( elements[ i ], type + "queueHooks" );
tif ( tmp && tmp.empty ) {
tcount++;
ttmp.empty.add( resolve );
}
}
return tdefer.promise( obj );
};
var pnum = (/([+]?(\.?|\d+)(?:[eE][+-]?\d+)/).source;
var rcssNum = new RegExp( "(^:([+]=)(\\d+)(?:[a-z%]*$)|, 'i' );
var cssExpand = [ "Top", "Right", "Bottom", "Left" ];
var isHiddenWithinTree = function( elem, el ) {
isHiddenWithinTree might be called from jQuery#filter function;
in that case, element will be second argument
telem = el || elem;
Inline style trumps all
return elem.style.display === "none" || telem.style.display === "" &&
// Otherwise, check computed style
// Support: Firefox <=43 - 45
// Disconnected elements can have computed display: none,
so first confirm that elem is in the document.
$.fn.contains( elem.ownerDocument, elem ) &&
$.fn.css( elem, "display" ) === "none";
};
var swap = function( elem, options, callback, args ) {
var ret, name, told = {};
Remember the old values, and insert the new ones
for ( name in options ) {
told[ name ] = elem.style[ name ];
telem.style[ name ] = options[ name ];
}
return callback.apply( elem, args || [] );
};
// Revert the old values
for ( name in options ) {
telem.style[ name ] = told[ name ];
}
return ret;
};
function adjustCSS( elem, prop, valueParts, tween ) {
var adjusted, scale,
tmaxIterations = 20,
tcurrentValue = tween ? function() {
return tween.cur();
} : function() {
return jQuery.css( elem, prop, "" );
};
tinitial = tcurrentValue(),
tunit = valueParts && valueParts[ 3 ] || ( jQuery.cssNumber[ prop ] ? "" : "px" );
Starting value computation is required for potential unit mismatches
tinitialInUnit = ( jQuery.cssNumber[ prop ] || unit !== "px" ) && +initial
&& tcrossNum.exec( jQuery.css( elem, prop ) );
tif ( initialInUnit && initialInUnit[ 3 ] !== unit ) {
Support: Firefox <=54
Halve the iteration target value to prevent interference from CSS upper bounds (gh-2144)
tinitial = initial / 2;
Trust units reported by jQuery.css
tunit = unit || initialInUnit[ 3 ];
Iteratively approximate from a nonzero starting point
tinitialInUnit = +initial || 1;
twhile ( maxIterations-- ) {
// Evaluate and update our best guess (doubling guesses that zero out).
// Finish if the scale equals or crosses 1 (making the old*new product non-positive).
$.fn.style( elem, prop, initialInUnit + unit );
tif ( ( 1 - scale ) * ( 1 - ( scale = tcurrentValue() / initial || 0.5 ) ) <= 0 ) {
tmaxIterations = 0;
}
}
tinitialInUnit = initialInUnit / scale;
}
}
$.fn.style( elem, prop, initialInUnit + unit );
Make sure we update the tween properties later
valueParts = valueParts || [];
tif ( valueParts ) {
tinitialInUnit = +initialInUnit || +initial || 0;
// Apply relative offset (+/=) if specified
tadjusted = valueParts[ 1 ] ? tinitialInUnit + ( valueParts[ 1 ] + 1 ) * valueParts[ 2 ] : tinitialInUnit + valueParts[ 2 ];
tif ( tween ) {
ttween.unit = unit;
ttween.start = initialInUnit;
ttween.end = adjusted;
}
return adjusted;
}
var defaultDisplayMap = {};
function getDefaultDisplay( elem ) {
var temp, tdoc = elem.ownerDocument, tnodeName = elem.nodeName, tdisplay = defaultDisplayMap[ nodeName ];
tif ( display ) {
return display;
}
temp = doc.body.appendChild( doc.createElement( nodeName ) );
tdisplay = jQuery.css( temp, "display" );
temp.parentNode.removeChild( temp );
tif ( display === "none" ) {
tdefaultDisplayMap[ nodeName ] = display;
}
return display;
};
function showHide( elements, show ) {
var display, elem,
values = [],
tindex = 0,
tlength = elements.length;
Determine new display value for elements that need to change
for ( ; index < length; index++ ) {
telem = elements[ index ];
tif ( !elem.style ) {
continue;
}
tdisplay = elem.style.display;
tif ( show ) {
Since we force visibility upon cascade-hidden elements, an immediate (and slow) check is required in this first loop unless we have a nonempty display value (either inline or about-to-be-restored)
tif ( display === "none" ) {
values[ index ] = dataPriv.get( elem, "display" ) || null;
tif ( !values[ index ] ) {
}
}
}
}
}

```



```

function() {
    var fragment = document.createDocumentFragment(),
        div = fragment.appendChild(
            document.createElement( "div" ) ),
        input = document.createElement( "input" );
    // Support: Android 4.0 - 4.3 only
    // Check state lost if the name is set (#11217)
    // Support: Windows Web Apps (WWA)
    // `name` and `type` must use .setAttribute for WWA (#14901)
    input.setAttribute( "type", "radio" );
    input.setAttribute( "checked", "checked" );
    input.setAttribute( "name", "t" );
    div.appendChild( input );
    // Support: Android <=4.1 only
    // Older WebKit doesn't clone checked state correctly in fragments
    support.checkClone = div.cloneNode( true ).cloneNode( true ).lastChild.checked;
    // Support: IE <=11 only
    // Make sure textarea (and checkbox) defaultValue is properly cloned
    div.innerHTML = "<textarea>x</textarea>";
    support.noCloneChecked = !div.cloneNode( true ).lastChild.defaultValue;
}
);
var documentElement = document.documentElement;
var keyEvent = /^key/,
    mouseEvent = /^(?:mouse|pointer|contextmenu|drag|drop)|click/,
    rkeyName = /^(?:.|\d)/,
    rtagName = /^[^:]*:(?:\d+\.?)/;
function returnTrue() {
    return true;
}
function returnFalse() {
    return false;
}
// Support: IE <=9 only
// See #13393 for more info
function safeActiveElement() {
    try {
        return document.activeElement;
    } catch ( err ) {}
}
function on( elem, types, selector, data, fn, one ) {
    var origFn, type;
    // Types can be a map of types/handlers
    if ( typeof types === "object" ) {
        // ( types-Object, selector, data )
        if ( typeof selector === "string" ) {
            // ( types-Object, data )
            data = data || selector;
            selector = undefined;
        }
        if ( type in types ) {
            on( elem, type, selector, data, types[ type ], one );
        }
        return elem;
    }
    if ( data == null && fn == null ) {
        // ( types, fn )
        fn = selector;
        data = selector = undefined;
    } else if ( fn == null ) {
        if ( typeof selector === "string" ) {
            // ( types, selector, fn )
            fn = data;
            data = undefined;
        } else {
            // ( types, data, fn )
            fn = data;
            data = selector;
            selector = undefined;
        }
    }
    if ( fn === false ) {
        fn = returnFalse;
    } else if ( !fn ) {
        return elem;
    }
    if ( one === 1 ) {
        origFn = fn;
        fn = function( event ) {
            // Can use an empty set, since event contains the info
            jQuery().off( event );
            return origFn.apply( this, arguments );
        };
        // Use same guid so caller can remove using origFn
        fn.guid = origFn.guid || ( origFn.guid = jQuery.guid++ );
    }
    return elem.each( function() {
        jQuery.event.add( this, types, fn, data, selector );
    } );
}
// * Helper functions for managing events -- not part of the public interface.
// * Props to Dean Edwards' addEvent library for many of the ideas.
jQuery.event = {
    global: {},
    add: function( elem, types, handler, data, selector ) {
        var handleObjIn, eventHandle, tmp,
            events, t, handleObj,
            special, handlers, type, namespaces,
            origType, elemData = elemPriv.get( elem );
        // Don't attach events to noData or text/comment nodes (but allow plain objects)
        if ( !elemData ) {
            return;
        }
        // Caller can pass in an object of custom data in lieu of the handler
        if ( handler.handler ) {
            handleObjIn = handler;
            handler = handleObjIn.handler;
            selector = handleObjIn.selector;
        }
        // Ensure that invalid selectors throw exceptions at attach time
        // Evaluate against documentElement in case elem is a non-element node (e.g., document)
        if ( selector ) {
            jQuery.find.matchesSelector( documentElement, selector );
        }
        // Make sure that the handler has a unique ID, used to find/remove it later
        if ( !handler.guid ) {
            handler.guid = jQuery.guid++;
        }
        // Init the element's event structure and main handler, if this is the first
        if ( !elemData.events ) {
            elemData.events = {};
        }
        if ( !elemData.handle ) {
            elemData.handle = function( e ) {
                // Discard the second event of a jQuery.event.trigger() and
                // when an event is called after a page has unloaded
                return typeof jQuery !== "undefined" && jQuery.event.triggered !== e.type ?
                    jQuery.event.dispatch.apply( elem, arguments ) : undefined;
            };
        }
        // Handle multiple events separated by a space
        types = ( types || "" ).match( rnothtmlwhite ) || [ "" ];
        t = types.length;
        while ( t-- ) {
            tmp = rtagName.exec( types[ t ] ) || [];
            type = tmp[ 1 ];
            namespaces = ( tmp[ 2 ] || "" ).split( "." ).sort();
            // There *must* be a type, no attaching namespace-only handlers
            if ( !type ) {
                continue;
            }
            // If event changes its type, use the special event handlers for the changed type
            jQuery.event.special = jQuery.event.special[ type ] || {};
            // If selector defined, determine special event api type, otherwise given type
            type = ( selector ? jQuery.event.special.delegateType : jQuery.event.special.bindType ) || type;
            // Update special based on newly reset type
            jQuery.event.special[ type ] || {};
            handleObjIn = {
                handleObj: {
                    handler: handler,
                    data: data,
                    selector: selector,
                    namespaces: namespaces,
                    type: type,
                    origType: type,
                    elemData: elemData
                }
            };
            jQuery.event.add( this, type, handleObjIn );
        }
    }
};

```

```

jQuery.extend( { namespace: type, origType: origType, data: data, handler:
handler, guid: handler.guid, selector: selector, needsContext: selector &&
jQuery.expr.match.needsContext.test( selector ), namespace: namespaces.join( "." ), handleObjIn
); // Init the event handler queue if we're the first
jQuery.event.add( elem, type, function( event ) {
handlers = events[ type ];
handlers[ type ] = [];
handlers.delegateCount = 0;
// Only use addEventListener if the special events
handler returns false
if ( !special.setup || special.setup.call( elem, data, namespaces, eventHandle )
=== false ) {
if ( elem.addEventListener ) {
elem.addEventListener( type, eventHandle
);
} else {
if ( special.add ) {
special.add.call( elem, handleObj );
} else {
handleObj.handler.guid = handler.guid;
handleObj.guid = handler.guid;
// Add to the
element's handler list, delegates in front
if ( selector ) {
handlers.splice( handlers.delegateCount++, 0,
handleObj );
} else {
handlers.push( handleObj );
}
// Keep track of which events have ever
been used, for event optimization
jQuery.event.global[ type ] = true;
}
// Detach an event or set
of events from an element
remove: function( elem, types, handler, selector, mappedTypes ) {
var j,
origCount, tmp, events, t, handleObj, special, handlers, type, namespaces, origType, elemData =
dataPriv.hasData( elem ) && dataPriv.get( elem );
if ( !elemData || !( events = elemData.events ) )
return;
// Once for each type.namespace in types; type may be omitted
types = ( types || ""
).match( rnothtmlwhite ) || [ "" ];
t = types.length;
while ( t-- ) {
tmp = rtypenamespace.exec( types[ t ] ) || [];
type = origType = tmp[ 1 ];
namespaces = ( tmp[ 2 ] || "" ).split( "." ).sort();
// Unbind
all events (on this namespace, if provided) for the element
if ( !type ) {
for ( type in events )
jQuery.event.remove( elem, type + types[ t ], handler, selector, true
);
} else {
special = jQuery.event.special[ type ] || {};
type = ( selector ?
special.delegateType : special.bindType ) || type;
handlers = events[ type ] || [];
tmp = tmp[ 2 ]
&& new RegExp( "(^|\\.|)" + namespaces.join( "\\.|(?:.*|)" ) + "(\\.|$)" );
// Remove
matching events
origCount = j = handlers.length;
while ( j-- ) {
handleObj = handlers[ j ];
if ( ( mappedTypes || origType === handleObj.origType ) && ( !handler || handler.guid ===
handleObj.guid ) && ( !tmp || tmp.test( handleObj.namespace ) ) && ( !selector || selector ===
handleObj.selector || selector === "*" && handleObj.selector ) ) {
handlers.splice( j, 1
);
if ( handleObj.selector ) {
handlers.delegateCount--;
}
if ( special.remove ) {
special.remove.call( elem, handleObj );
}
}
// Remove generic event
handler if we removed something and no more handlers exist
// (avoids potential for endless recursion during
removal of special event handlers)
if ( origCount && !handlers.length ) {
special.teardown
|| special.teardown.call( elem, namespaces, elemData.handle ) === false ) {
jQuery.removeEvent(
elem, type, elemData.handle );
}
// Remove data and the
expando if it's no longer used
if ( jQuery.isEmptyObject( events ) ) {
dataPriv.remove( elem, "handle
events" );
}
}
}
// Dispatch to native event handlers and the existing
jQuery.Event object
var event = jQuery.event.fix( nativeEvent );
var i, j, ret, matched, handleObj,
handlerQueue,
targs = new Array( arguments.length ),
handlers = ( dataPriv.get( this, "events" ) || {} )[
event.type ] || [],
special = jQuery.event.special[ event.type ] || {};
// Use the fix-ed jQuery.Event rather
than the (read-only) native event
targs[ 0 ] = event;
for ( i = 1; i < arguments.length; i++ ) {
targs[ i ] = arguments[ i ];
}
event.delegateTarget = this;
// Call the preDispatch hook for the mapped type, and
let it bail if desired
if ( special.preDispatch && special.preDispatch.call( this, event ) === false )
return;
// Determine handlers
handlerQueue = jQuery.event.handlers.call( this, event,
handlers );
// Run delegates first; they may want to stop propagation beneath us
ti = 0;
while ( (
matched = handlerQueue[ i++ ] ) && !event.isPropagationStopped() ) {
event.currentTarget =
matched.elem;
while ( ( handleObj = matched.handlers[ j++ ] )
&& !event.isImmediatePropagationStopped() ) {
// Triggered event must either 1) have no
namespace, or 2) have namespace(s)
a subset or equal to those in the bound event (both can have no
namespace).
if ( !event.namespace || event.namespace.test( handleObj.namespace ) )

```



```

    {
      event.handleObj = handleObj;
      event.data = handleObj.data;
      ret = (
        jQuery.event.special[ handleObj.origType ] || {}
      ).handle || handleObj.handler ).apply( matched.elem, args );
      if ( ret !== undefined ) {
        if ( event.result === false ) {
          event.preventDefault();
          event.stopPropagation();
        }
        // Call the postDispatch hook for the mapped type
        special.postDispatch.call( this, event );
        return event.result;
      },
      handlers: function( event, handlers ) {
        var i, handleObj, sel, matchedHandlers, matchedSelectors,
            handlerQueue = [],
            delegateCount = handlers.delegateCount,
            tcur = event.target;
        // Find delegate handlers
        if ( delegateCount && Support[ IE <= 9 ] || Black-hole SVG <use> instance trees (trac-13180)
            || tcur.nodeType && Support[ Firefox <= 42 ] || Suppress spec-violating clicks indicating a non-primary pointer button (trac-3861)
            || https://www.w3.org/TR/DOM-Level-3-Events/#event-type-click // Support: IE 11 only ...but not arrow key "clicks" of radio inputs, which can have `button` -1 (gh-2343)
            || ( event.type === "click" && event.button >= 1 ) ) {
          for ( ; cur !== this; cur = cur.parentNode || this ) {
            // Don't check non-elements (#13208)
            // Don't process clicks on disabled elements (#6911, #8165, #11382, #11764)
            if ( cur.nodeType === 1 && !( event.type === "click" && cur.disabled === true ) ) {
              matchedHandlers = [];
              matchedSelectors = {};
              for ( i = 0; i < delegateCount; i++ ) {
                handleObj = handlers[ i ];
                // Don't conflict with Object.prototype properties (#13203)
                sel = handleObj.selector + " ";
                if ( matchedSelectors[ sel ] === undefined ) {
                  matchedSelectors[ sel ] = handleObj.needsContext ?
                    jQuery( sel, this ).index( cur ) > -1 :
                    jQuery.find( sel, this, null, [ cur ] ).length;
                }
                matchedHandlers.push( handleObj );
                matchedSelectors[ sel ] = true;
              }
              handlerQueue.push( { elem: cur, handlers: matchedHandlers } );
            }
          }
          // Add the remaining (directly-bound) handlers
          tcur = this;
          if ( delegateCount < handlers.length ) {
            handlerQueue.push( { elem: cur, handlers: handlers.slice( delegateCount ) } );
          }
          return handlerQueue;
        },
        addProp: function( name, hook ) {
          Object.defineProperty( jQuery.Event.prototype, name, {
            enumerable: true,
            configurable: true,
            get: isFunction( hook ) ? function() {
              if ( this.originalEvent ) {
                return hook( this.originalEvent );
              }
            } : function() {
              if ( this.originalEvent ) {
                return this.originalEvent[ name ];
              }
            },
            set: function( value ) {
              Object.defineProperty( this, name, {
                enumerable: true,
                configurable: true,
                writable: true,
                value: value
              });
            }
          });
        },
        fix: function( originalEvent ) {
          return originalEvent[ jQuery.expando ] ?
            originalEvent :
            new jQuery.Event( originalEvent );
        },
        special: {
          load: {
            // Prevent triggered image.load events from bubbling to window.load
            noBubble: true
          },
          focus: {
            // Fire native event if possible so blur/focus sequence is correct
            trigger: function() {
              if ( this === safeActiveElement() && this.focus ) {
                this.focus();
                return false;
              }
            },
            delegateType: "focusin"
          },
          blur: {
            trigger: function() {
              if ( this === safeActiveElement() && this.blur ) {
                this.blur();
                return false;
              }
            },
            delegateType: "focusout"
          },
          click: {
            // For checkbox, fire native event so checked state will be right
            trigger: function() {
              if ( this.type === "checkbox" && this.click && nodeName( this, "input" ) ) {
                this.click();
                return false;
              }
            },
            // For cross-browser consistency, don't fire native .click() on links
            _default: function( event ) {
              return nodeName( event.target, "a" );
            },
            beforeunload: function( event ) {
              // Support: Firefox 20+
              // Firefox doesn't alert if the returnValue field is not set.
              if ( event.result !== undefined && event.originalEvent ) {
                event.originalEvent.returnValue = event.result;
              }
            }
          }
        }
      },
      jQuery.removeEvent = function( elem, type, handle ) {
        // This "if" is needed for plain objects
        if ( elem.removeEventListener ) {
          elem.removeEventListener( type, handle );
        }
      },
      jQuery.Event = function( src, props ) {
        // Allow instantiation without the 'new' keyword
        if ( !( this instanceof jQuery.Event ) ) {
          return new jQuery.Event( src, props );
        }
        // Event object
        if ( src && src.type ) {
          this.originalEvent = src;
          this.type =

```











```

box, we're seeking "padding" or "border" or "margin"
padding += jQuery.css( elem, "padding" + cssExpand[ i ], true, styles );
For "border" or "margin", add border
( box !== "padding" ) {
  delta += jQuery.css( elem, "border" + cssExpand[ i ] + "Width", true, styles );
}
But still keep track of it otherwise
else {
  textra += jQuery.css( elem, "border" + cssExpand[ i ] + "Width", true, styles );
}
If we get here with a border-box (content + padding + border), we're seeking "content" or "padding" or "margin"
else {
  For "content", subtract padding
  ( box === "content" ) {
    delta -= jQuery.css( elem, "padding" + cssExpand[ i ], true, styles );
  }
  For "content" or "padding", subtract border
  ( box !== "margin" ) {
    delta -= jQuery.css( elem, "border" + cssExpand[ i ] + "Width", true, styles );
  }
}
Account for positive content-box scroll gutter when requested by providing
computedVal
( !isBorderBox && computedVal >= 0 )
offsetWidth/offsetHeight is a rounded sum of content, padding, scroll gutter, and border
Assuming integer scroll gutter, subtract the rest and round down
delta += Math.max( 0, Math.ceil(
  elem[ "offset" + dimension[ 0 ].toUpperCase() + dimension.slice( 1 ) ] -
  computedVal -
  delta -
  textra -
  0.5 );
}
return delta;
}
function getWidthOrHeight( elem, dimension, extra ) {
  // Start with computed style
  var styles = getStyles( elem ),
      val = curCSS( elem, dimension, styles ),
      isBorderBox = jQuery.css( elem, "boxSizing", false, styles ) === "border-box",
      valueIsBorderBox = isBorderBox;
  // Support: Firefox <=54
  // Return a confounding non-pixel value or feign ignorance, as appropriate.
  if ( !rnumnonpx.test( val ) ) {
    if ( !extra ) {
      return val;
    }
    val = "auto";
  }
  // Check for style in case a browser which returns unreliable values
  // for getComputedStyle silently falls back to the reliable elem.style
  valueIsBorderBox = valueIsBorderBox && (
    support.boxSizingReliable() || val === elem.style[ dimension ] );
  // Fall back to offsetWidth/offsetHeight when value is "auto"
  // This happens for inline elements with no explicit setting (gh-3571)
  // Support: Android <=4.1 - 4.3 only
  // Also use offsetWidth/offsetHeight for misreported inline dimensions (gh-3602)
  if ( val === "auto" || !parseFloat( val ) && jQuery.css( elem, "display", false, styles ) === "inline" ) {
    val = elem[ "offset" + dimension[ 0 ].toUpperCase() + dimension.slice( 1 ) ];
  }
  // offsetWidth/offsetHeight provide border-box values
  valueIsBorderBox = true;
  // Normalize "" and auto
  val = parseFloat( val ) || 0;
  // Adjust for the element's box model
  return ( val +
    boxModelAdjustment(
      elem,
      dimension,
      textra || ( isBorderBox ? "border" : "content" ),
      valueIsBorderBox,
      styles ) ) +
    "px";
}
jQuery.extend( {
  // Add in style property hooks for overriding the default
  // behavior of getting and setting a style property
  cssHooks: {
    opacity: {
      get: function( elem, computed ) {
        if ( computed ) {
          // We should always get a number back from opacity
          var ret = curCSS( elem, "opacity" );
          return ret === "" ? "1" : ret;
        }
      },
      set: function( elem, value ) {
        // Don't automatically add "px" to these possibly-unitless properties
        var animationIterationCount = "animationIterationCount",
            columnCount = "columnCount",
            fillOpacity = "fillOpacity",
            flexGrow = "flexGrow",
            flexShrink = "flexShrink",
            fontWeight = "fontWeight",
            lineHeight = "lineHeight",
            opacity = "opacity",
            order = "order",
            orphans = "orphans",
            widows = "widows",
            zIndex = "zIndex",
            zoom = "zoom";
        // Add in properties whose names you wish to fix before
        // setting or getting the value
        var cssProps = { };
        // Get and set the style property on a DOM Node
        style: function( elem, name, value, extra ) {
          // Don't set styles on text and comment nodes
          if ( !elem || elem.nodeType === 3 || elem.nodeType === 8 || !elem.style ) {
            return;
          }
          // Make sure that we're working with the right name
          var ret, type, hooks,
              origName = camelCase( name ),
              isCustomProp = rcustomProp.test( name ),
              style = elem.style;
          // Make sure that we're working with the right name.
          // We don't want to query the value if it is a CSS custom property
          // since they are user-defined.
          if ( !isCustomProp ) {
            name = finalPropName( origName );
          }
          // Gets hook for the prefixed version, then unprefixed version
          hooks = jQuery.cssHooks[ name ] || jQuery.cssHooks[ origName ];
          // Check if we're setting a value
          if ( value !== undefined ) {
            type = typeof value;
            // Convert "+=" or "-=" to relative numbers (#7345)
            if ( type === "string" && ( ret = rcssNum.exec( value ) ) && ret[ 1 ] ) {
              value = adjustCSS( elem, name, ret );
            }
          }
        }
      }
    }
  }
}

```





```

var i = 0, expanded = {}, // Assumes a single number if not a string
parts = typeof value === "string" ? value.split( " " ) : [ value ];
for ( ; i < 4; i++ ) { expanded[ prefix + cssExpand[ i ] + suffix ] = parts[ i ] || parts[ i - 2 ] || parts[ 0 ]; }
return expanded; }
jQuery.fn.extend( {
css: function( name, value ) {
return access( this, function( elem, name, value ) {
var styles, len, tmap = {}, ti = 0, tif ( Array.isArray( name ) ) { styles = getStyles( elem ); len = name.length;
for ( ; i < len; i++ ) { tmap[ name[ i ] ] = jQuery.css( elem, name[ i ], false, styles ); }
return map; }
return value !== undefined ? jQuery.style( elem, name, value ) : jQuery.css( elem, name ), name, value, arguments.length > 1 ); }
}
function Tween( elem, options, prop, end, easing ) {
return new Tween.prototype.init( elem, options, prop, end, easing ); }
jQuery.Tween = Tween;
Tween.prototype = {
constructor: Tween,
init: function( elem, options, prop, end, easing, unit ) {
this.elem = elem;
this.prop = prop;
this.easing = easing ||
jQuery.easing._default;
this.options = options;
this.start = this.now = this.cur();
this.end = end;
this.unit = unit || ( jQuery.cssNumber[ prop ] ? "px" : "px" );
},
cur: function() {
var hooks = Tween.propHooks[ this.prop ];
return hooks && hooks.get ? hooks.get( this ) : Tween.propHooks._default.get( this );
},
run: function( percent ) {
var eased, hooks = Tween.propHooks[ this.prop ];
tif ( this.options.duration ) { this.pos = eased = jQuery.easing[ this.easing ]( percent, this.options.duration * percent, 0, 1, this.options.duration ); } else { this.pos = eased = percent; }
this.now = ( this.end - this.start ) * eased + this.start;
tif ( this.options.step ) { this.options.step.call( this.elem, this.now, this ); }
tif ( hooks && hooks.set ) { hooks.set( this ); } else { Tween.propHooks._default.set( this ); }
return this; }
};
Tween.prototype.init.prototype = Tween.prototype;
Tween.propHooks = {
_default: {
get: function( tween ) {
var result;
// Use a property on the element directly when it is not a DOM element, or when there is no matching style property that exists.
tif ( tween.elem.nodeType !== 1 || tween.elem[ tween.prop ] != null && tween.elem.style[ tween.prop ] == null ) {
return tween.elem[ tween.prop ]; }
// Passing an empty string as a 3rd parameter to .css will automatically attempt a parseFloat and fallback to a string if the parse fails.
// Simple values such as "10px" are parsed to Float;
// complex values such as "rotate(1rad)" are returned as-is.
result = jQuery.css( tween.elem, tween.prop, "" );
// Empty strings, null, undefined and "auto" are converted to 0.
return !result || result === "auto" ? 0 : result; },
set: function( tween ) {
// Use step hook for back compat.
// Use cssHook if its there.
// Use .style if available and use plain properties where available.
jQuery.fx.step[ tween.prop ] ? jQuery.fx.step[ tween.prop ]( tween ) :
if ( tween.elem.nodeType === 1 && tween.elem.style[ jQuery.cssProps[ tween.prop ] ] != null ||
jQuery.cssHooks[ tween.prop ] ) {
jQuery.style( tween.elem, tween.prop, tween.now + tween.unit ); } else {
tween.elem[ tween.prop ] = tween.now; }
}
// Support: IE <= 9 only
// Panic based approach to setting things on disconnected nodes
scrollTop = Tween.propHooks.scrollTop = Tween.propHooks.scrollLeft = {
set: function( tween ) {
tif ( tween.elem.nodeType && tween.elem.parentNode ) {
tween.elem[ tween.prop ] = tween.now; }
}
},
jQuery.easing = {
linear: function( p ) {
return p; },
swing: function( p ) {
return 0.5 - Math.cos( p * Math.PI ) / 2; },
_default: "swing" };
jQuery.fx = Tween.prototype.init;
// Back compat < 1.8 extension point
jQuery.fx.step = {};
jQuery.nvar = jQuery.fxNow;
jQuery.inProgress = /^(?:toggle|show|hide)$/,
jQuery.run = /queueHooks$/,
function schedule() {
tif ( jQuery.inProgress ) {
jQuery.window.requestAnimationFrame( schedule ); } else {
jQuery.window.setTimeout( schedule,
jQuery.fx.interval ); }
jQuery.fx.tick(); }
// Animations created synchronously will run synchronously
function createFxNow() {
jQuery.window.setTimeout( function() {
fxNow = undefined; } );
return ( fxNow = Date.now() ); }
// Generate parameters to create a standard animation
function genFx( type, includeWidth ) {
var which, ti = 0, tattrs = { height: type };
// If we include width, step value is 1 to do all cssExpand values, otherwise step value is 2 to skip over Left and Right
includeWidth =

```



```

jQuery.style( elem, prop, orig[ prop ] );
Per-property setup
createTween( hidden ? dataShow[ prop ] : 0, prop, anim );
if ( ! ( prop in dataShow ) ) {
dataShow[ prop ]
= propTween.start;
if ( hidden ) {
propTween.end = propTween.start;
propTween.start = 0;
}
function propFilter( props, specialEasing ) {
var index, name, easing, value, hooks;
// camelCase, specialEasing and expand cssHook pass
for ( index in props ) {
name = camelCase( index );
teasing = specialEasing[ name ];
value = props[ index ];
if ( Array.isArray( value ) ) {
teasing = value[ 1 ];
value = props[ index ] = value[ 0 ];
}
if ( index !== name ) {
props[ name ] = value;
delete props[ index ];
hooks = jQuery.cssHooks[ name ];
if ( hooks && "expand" in hooks ) {
value = hooks.expand( value );
delete props[ name ];
// Not quite $.extend,
this won't overwrite existing keys.
// Reusing 'index' because we have the correct "name"
for ( index in value ) {
if ( ! ( index in props ) ) {
props[ index ] = value[ index ];
specialEasing[ index ] = easing;
}
}
}
else {
specialEasing[ name ] = easing;
}
}
}
function Animation( elem, properties, options ) {
var result, stopped, index = 0, length = Animation.prefilters.length, deferred = jQuery.Deferred().always( function() {
// Don't match elem in the :animated selector
delete tick.elem;
}), tick = function() {
if ( stopped ) {
return false;
}
var currentTime = fxNow || createFxNow(), remaining = Math.max( 0, animation.startTime + animation.duration - currentTime ),
// Support: Android 2.3 only
// Archaic crash bug won't allow us to use `1 - ( 0.5 || 0 )` (#12497)
temp = remaining / animation.duration || 0, percent = 1 - temp, index = 0, length = animation.tweens.length;
for ( ; index < length; index++ ) {
animation.tweens[ index ].run( percent );
}
deferred.notifyWith( elem, [ animation, percent, remaining ] );
// If there's more to do, yield
if ( percent < 1 && length ) {
return remaining;
}
// If this was an empty animation, synthesize a final progress notification
if ( !length ) {
deferred.notifyWith( elem, [ animation, 1, 0 ] );
}
// Resolve the animation and report its conclusion
deferred.resolveWith( elem, [ animation ] );
return false;
}, animation = deferred.promise( {
elem: elem,
props: jQuery.extend( {}, properties ),
opts: jQuery.extend( true, {
specialEasing: {} }, teasing: jQuery.easing._default ), options ),
originalProperties: properties,
originalOptions: options,
startTime: fxNow || createFxNow(),
duration: options.duration,
tweens: [],
createTween: function( prop, end ) {
var tween = jQuery.Tween( elem, animation.opts, prop, end,
animation.opts.specialEasing[ prop ] || animation.opts.easing );
animation.tweens.push( tween );
return tween;
},
stop: function( gotoEnd ) {
var index = 0,
// If we are going to the end, we want to run all the tweens
// otherwise we skip this part
length = gotoEnd ? animation.tweens.length : 0;
if ( stopped ) {
return this;
}
stopped = true;
for ( ; index < length; index++ ) {
animation.tweens[ index ].run( 1 );
}
// Resolve when we played the last frame; otherwise,
reject
if ( gotoEnd ) {
deferred.notifyWith( elem, [ animation, 1, 0 ] );
deferred.resolveWith( elem, [ animation, gotoEnd ] );
}
else {
deferred.rejectWith( elem, [ animation, gotoEnd ] );
}
return this;
},
props = animation.props;
propFilter( props, animation.opts.specialEasing );
for ( ; index < length; index++ ) {
result = Animation.prefilters[ index ].call( animation, elem, props, animation.opts );
if ( result ) {
if (isFunction( result.stop ) ) {
jQuery._queueHooks( animation.elem, animation.opts.queue ).stop = result.stop.bind( result );
}
return result;
}
}
jQuery.map( props, createTween, animation );
if ( isFunction( animation.opts.start ) ) {
animation.opts.start.call( elem, animation );
}
// Attach callbacks from options
animation.progress( animation.opts.progress )
.done( animation.opts.done, animation.opts.complete )
.fail( animation.opts.fail )
.always( animation.opts.always );
jQuery.fx.timer( jQuery.extend( tick, {
elem: elem,
anim: animation,
queue: animation.opts.queue } ) );
return animation;
}
jQuery.Animation = jQuery.extend( Animation, {
tweener: {
":": [ function( prop, value ) {
var tween = this.createTween( prop, value );
adjustCSS( tween.elem, prop, rcssNum.exec( value ), tween );
return tween;
} ]
}
}
}

```

```

function( props, callback ) {
  if ( isFunction( props ) ) {
    callback = props;
    props = [ "*" ];
  } else {
    props = props.match( /[\w-]+/ );
    var prop, index = 0, length =
    props.length;
    for ( ; index < length; index++ ) {
      prop = props[ index ];
      Animation.tweeners[ prop ] =
      Animation.tweeners[ prop ] || [];
      Animation.tweeners[ prop ].unshift( callback );
    }
    Animation.prefilters: [
    defaultPrefilter ],
    tprefilter: function( callback, prepend ) {
      if ( Animation.prefilters.unshift( callback );
      ) else {
        Animation.prefilters.push( callback );
      }
    }
  }
  jQuery.speed = function( speed, easing, fn ) {
    var opt = speed && typeof speed === "object" ?
    speed : {
      complete: fn || !fn && easing || isFunction( speed ) && speed,
      duration:
      speed,
      easing: fn && easing || easing && !isFunction( easing ) && easing,
      // Go to the end state if fx
      are off
      if ( jQuery.fx.off ) {
        duration = 0;
      } else {
        if ( typeof opt.duration !== "number" ) {
          if ( opt.duration in jQuery.fx.speeds ) {
            duration = jQuery.fx.speeds[ opt.duration ];
          } else {
            duration = jQuery.fx.speeds._default;
          }
          // Normalize opt.queue -
          true/undefined/null -> "fx"
          if ( opt.queue === null || opt.queue === true ) {
            opt.queue = "fx";
          }
          // Queueing
          opt.old = opt.complete;
          opt.complete = function() {
            if ( isFunction( opt.old ) ) {
              opt.old.call( this );
            }
            if ( opt.queue ) {
              jQuery.dequeue( this, opt.queue );
            }
          };
          jQuery.fn.extend( {
            fadeTo: function( speed, to, easing, callback ) {
              // Show any hidden elements after setting opacity to 0
              return this.filter( isHiddenWithinTree ).css( "opacity", 0 ).show()
              // Animate to the value specified
              .animate( { opacity: to }, speed, easing, callback );
            },
            animate: function( prop, speed, easing, callback ) {
              var empty = jQuery.isEmptyObject( prop ),
              optall = jQuery.speed( speed, easing, callback ),
              doAnimation = function() {
                // Operate on a
                copy of prop so per-property easing won't be lost
                var anim = Animation( this, jQuery.extend( {}, prop ),
                optall );
                // Empty animations, or finishing resolves immediately
                if ( empty || dataPriv.get( this, "finish" ) ) {
                  anim.stop( true );
                }
                anim.finish = doAnimation;
                return empty || optall.queue === false ?
                this.each( doAnimation ) :
                this.queue( optall.queue, doAnimation );
              },
              stop: function( type, clearQueue, gotoEnd ) {
                var stopQueue = function( hooks ) {
                  var stop =
                  hooks.stop;
                  delete hooks.stop;
                  stop( gotoEnd );
                };
                if ( type !== "string" ) {
                  gotoEnd = clearQueue;
                  clearQueue = type;
                  type = undefined;
                }
                if ( clearQueue && type !== false ) {
                  this.queue( type || "fx", [] );
                }
                return this.each( function() {
                  var dequeue =
                  true,
                  index = type != null && type + "queueHooks",
                  timers = jQuery.timers,
                  data =
                  dataPriv.get( this );
                  if ( index ) {
                    if ( data[ index ] && data[ index ].stop ) {
                      stopQueue( data[ index ] );
                    }
                    else {
                      for ( index in data ) {
                        if ( data[ index ] && data[ index ].stop &&
                        rrun.test( index ) ) {
                          stopQueue( data[ index ] );
                        }
                      }
                    }
                  }
                  for ( index =
                  timers.length; index--; ) {
                    if ( timers[ index ].elem === this && ( type == null ||
                    timers[ index ].queue === type ) ) {
                      timers[ index ].anim.stop( gotoEnd );
                      dequeue = false;
                      timers.splice( index,
                      1 );
                    }
                  }
                  // Start the next in the queue if the last step wasn't forced.
                  // Timers currently will
                  call their complete callbacks, which will dequeue but only if they were gotoEnd.
                  if ( dequeue || !gotoEnd ) {
                    jQuery.dequeue( this, type );
                  }
                },
                finish: function( type ) {
                  if ( type !== false ) {
                    type = type || "fx";
                    return this.each( function() {
                      var index,
                      data = dataPriv.get(
                      this ),
                      queue = data[ type + "queue" ],
                      hooks = data[ type + "queueHooks" ],
                      timers =
                      jQuery.timers,
                      length = queue ?
                      queue.length : 0;
                      // Enable finishing flag on private
                      data.finish = true;
                      // Empty the queue first
                      jQuery.queue( this, type, [] );
                      if ( hooks && hooks.stop ) {
                        hooks.stop.call( this, true );
                      }
                      // Look for any active animations, and finish
                      them
                      for ( index = timers.length; index--; ) {
                        if ( timers[ index ].elem === this && timers[ index ].queue
                        === type ) {
                          timers[ index ].anim.stop( true );
                          timers.splice( index,
                          1 );
                        }
                      }
                      // Look for any animations in the old queue and finish them
                      for ( index = 0; index < length; index++ ) {
                        if ( queue[ index ] && queue[ index ].finish ) {
                          queue[ index ].finish.call( this );
                        }
                      }
                      // Turn off finishing flag
                      delete data.finish;
                    } );
                  }
                },
                jQuery.each( [ "toggle", "show", "hide" ],
                function( i, name ) {
                  var cssFn = jQuery.fn[ name ];
                  jQuery.fn[ name ] = function( speed, easing, callback )
                }
            }
          );
        }
      }

```

```

return speed == null || typeof speed === "boolean" ? this.animate(
genFx( name, true ), speed, easing, callback );
// Generate shortcuts for custom
animations
jQuery.each( {slideDown: genFx( "show" ),slideUp: genFx( "hide" ),slideToggle: genFx(
"toggle" ),fadeIn: { opacity: "show" },fadeOut: { opacity: "hide" },fadeToggle: { opacity: "toggle"
} }, function( name, props ) {
jQuery.fn[ name ] = function( speed, easing, callback ) {
return this.animate(
props, speed, easing, callback );
};
jQuery.timers = [];
jQuery.fx.tick = function() {
var timer,
timers = jQuery.timers,
now = Date.now();
for ( ; i < timers.length; i++ ) {
timer = timers[ i ];
// Run the timer and safely remove it when done (allowing for external removal)
if ( !timer() && timers[ i ] === timer ) {
timers.splice( i--, 1 );
}
}
jQuery.fx.timer = function( timer ) {
jQuery.timers.push( timer );
jQuery.fx.start();
};
jQuery.fx.interval = 13;
jQuery.fx.start = function() {
if ( inProgress ) {
return;
}
inProgress = true;
schedule();
};
jQuery.fx.stop = function() {
inProgress = null;
};
jQuery.fx.speeds = {slow: 600,fast: 200,Default speed_default: 400};
// Based off of the plugin by Clint Helfers, with permission.
https://web.archive.org/web/20100324014747/http://blindsignals.com/index.php/2009/07/jquery-
delay
jQuery.fn.delay = function( time, type ) {
time = jQuery.fx ? jQuery.fx.speeds[ time ] || time :
time;
type = type || "fx";
return this.queue( type, function( next, hooks ) {
var timeout =
window.setTimeout( next, time );
hooks.stop = function() {
window.clearTimeout( timeout );
};
}( function() {
var input = document.createElement( "input" ),
select = document.createElement(
"select" ),
top = select.appendChild( document.createElement( "option" ) );
input.type =
"checkbox";
// Support: Android <=4.3 only
// Default value for a checkbox should be
"on"
support.checkOn = input.value !== "";
// Support: IE <=11 only
// Must access selectedIndex
to make default options selected
support.optSelected = opt.selected;
// Support: IE <=11 only
// An input loses
its value after becoming a radio
input = document.createElement( "input" );
input.value = "t";
input.type =
"radio";
support.radioValue = input.value === "t";
} );
var boolHook,
attrHandle =
jQuery.expr.attrHandle;
jQuery.fn.extend( {
attr: function( name, value ) {
return access( this, jQuery.attr,
name, value, arguments.length > 1 );
},
removeAttr: function( name ) {
return this.each( function() {
jQuery.removeAttr( this, name );
} );
},
extend: function( elem, name, value ) {
var ret, hooks,
nType = elem.nodeType;
// Don't get/set attributes on text, comment and attribute
nodes
if ( nType === 3 || nType === 8 || nType === 2 ) {
return;
}
// Fallback to prop when
attributes are not supported
if ( typeof elem.getAttribute === "undefined" ) {
return jQuery.prop( elem,
name, value );
}
// Attribute hooks are determined by the lowercase version
// Grab necessary hook if
one is defined
if ( nType !== 1 || !jQuery.isXMLDoc( elem ) ) {
hooks = jQuery.attrHooks[
name.toLowerCase() ] ||
jQuery.expr.match.bool.test( name ) ? boolHook : undefined;
}
if ( value !== undefined ) {
if ( value === null ) {
jQuery.removeAttr( elem, name );
}
return ret = hooks.set( elem, value, name ) !==
undefined ?
ret : elem.setAttribute( name, value + "" );
}
return ret = hooks.get( elem, name ) !== null ?
ret :
jQuery.find.attr( elem, name );
// Non-existent attributes return null, we normalize to
undefined
return ret == null ? undefined : ret;
},
attrHooks: {
type: {
set: function( elem, value ) {
if ( !support.radioValue && value === "radio" &&
jQuery.nodeName( elem, "input" ) ) {
var
val = elem.value;
elem.setAttribute( "type", value );
if ( val ) {
elem.value =
val;
}
}
return value;
},
removeAttr: function( elem, value ) {
var
name,
ti = 0,
// Attribute names can contain non-HTML whitespace characters
t;
https://html.spec.whatwg.org/multipage/syntax.html#attributes-2
attrNames = value && value.match(
/mohtmlwhite );
if ( attrNames && elem.nodeType === 1 ) {
while ( ( name = attrNames[ i++ ] ) ) {
elem.removeAttribute( name );
}
}
// Hooks for boolean attributes
boolHook =
{
set: function( elem, value, name ) {
if ( value === false ) {
// Remove boolean attributes when set to

```











```

rbracket.test( prefix ) {
  // Treat each array item as a scalar.
  tadd( prefix, v );
  else
  // Item is non-scalar (array or object), encode its numeric index.
  tbuildParams( tprefix +
  "[" + ( typeof v === "object" && v != null ? i : "" ) +
  "]" );
  tv, traditional, tadd( t );
  } else if ( !traditional && toType( obj ) === "object" ) {
    // Serialize object item.
    tfor ( name in obj ) {
      tbuildParams( prefix + "[" + name + "]" );
      obj[ name ], traditional, add );
    } else {
      // Serialize scalar item.
      tadd( prefix, obj );
    }
  }
  // Serialize an array of form elements or a set of key/values into a query string
  jQuery.param = function( a, traditional ) {
    tvar prefix, ts = [], tadd = function( key, valueOrFunction ) {
      // If value is a function, invoke it and use its return value
      tvar value = isFunction( valueOrFunction ) ?
      valueOrFunction() : valueOrFunction;
      ts[ s.length ] = encodeURIComponent( key ) + "=" +
      encodeURIComponent( value == null ? "" : value );
    };
    // If an array was passed in, assume that it is an array of form elements.
    tif ( Array.isArray( a ) || ( a.jquery && !jQuery.isPlainObject( a ) ) ) {
      // Serialize the form elements
      tjQuery.each( a, function() {
        tadd( this.name, this.value );
      } );
    } else {
      // If traditional, encode the "old" way (the way 1.3.2 or older did it), otherwise encode params recursively.
      tfor ( prefix in a ) {
        tbuildParams( prefix, a[ prefix ], traditional, add );
      }
    }
    // Return the resulting serialization
    treturn s.join( "&" );
  };
  jQuery.fn.extend( {
    serialize: function() {
      treturn jQuery.param( this.serializeArray() );
    },
    serializeArray: function() {
      treturn this.map( function() {
        // Can add propHook for "elements" to filter or add form elements
        tvar elements = jQuery.prop( this, "elements" );
        treturn elements ? jQuery.makeArray( elements ) : this;
      } ).filter( function() {
        tvar type = this.type;
        // Use ":disabled" so that fieldset[disabled] works
        treturn this.name && !jQuery( this ).is( ":disabled" ) && tsubmittable.test( this.nodeName ) && !submitterTypes.test( type ) && tchecked || rcheckableType.test( type );
      } ).map( function( i, elem ) {
        tvar val = jQuery( this ).val();
        tif ( val == null ) {
          treturn null;
        }
        tif ( Array.isArray( val ) ) {
          treturn jQuery.map( val, function( val ) {
            treturn { name: elem.name, value: val.replace( rCRLF, "\r\n" ) };
          } );
        }
        treturn { name: elem.name, value: val.replace( rCRLF, "\r\n" ) };
      } ).get();
    }
  } );
  nvar tr20 = /%20/g, trhash = /#.*$/, trantiCache = /(?:&)=/;
  trheaders = /^(.*?):[ \t]*([^\r\n]*)$/mg;
  // #7653, #8125, #8152: local protocol detection
  trlocalProtocol = /^(?:about|app|app-storage|.+-extension|file|res|widget):$/;
  trnoContent = /^(?:GET|HEAD)$/;
  trprotocol = /^\/\//;

  Prefilters
  * 1) They are useful to introduce custom dataTypes (see ajax/jsonp.js for an example)
  * 2) These are called:
  * - BEFORE asking for a transport
  * - AFTER param serialization (s.data is a string if s.processData is true)
  * 3) key is the dataType
  * 4) the catchall symbol "*" can be used
  * 5) execution will start with transport dataType and THEN continue down to "*" if needed
  * /
  tprefilters = {},

  Transports bindings
  * 1) key is the dataType
  * 2) the catchall symbol "*" can be used
  * 3) selection will start with transport dataType and THEN go to "*" if needed
  * /
  ttransports = {},

  // Avoid comment-prolog char sequence (#10098); must appease lint and evade compression
  tallTypes = "*" ^ ".concat( "*" );

  // Anchor tag for parsing the document origin
  toriginAnchor = document.createElement( "a" );
  toriginAnchor.href = location.href;

  // Base "constructor" for jQuery.ajaxPrefilter and jQuery.ajaxTransport
  function addToPrefiltersOrTransports( structure ) {
    // dataTypeExpression is optional and defaults to "*"
    treturn function( dataTypeExpression, func ) {
      tif ( typeof dataTypeExpression !== "string" ) {
        tfunc = dataTypeExpression;
      }
      tvar dataType, ti = 0, tdataTypes = dataTypeExpression.toLowerCase().match( rnohtmlwhite ) || [];
      tif ( isFunction( func ) ) {
        // For each dataType in the dataTypeExpression
        twhile ( ( dataType = dataTypes[ i++ ] ) ) {
          tprepend if requested
          tif ( dataType[ 0 ] === "+" ) {
            dataType = dataType.slice( 1 ) || "*";
            tstructure[ dataType ] = tstructure[ dataType ] || [];
            tstructure[ dataType ].unshift( func );
          }
          // Otherwise append
          else {
            tstructure[ dataType ] = tstructure[ dataType ] || [];
            tstructure[ dataType ].push( func );
          }
        }
      }
    };
  }

  // Base inspection function for prefilters and transports
  function inspectPrefiltersOrTransports( structure, options, originalOptions, jqXHR ) {
    tvar inspected = {}, tseekingTransport = ( structure === transports );
    tfunction inspect( dataType ) {
      tvar selected;
      tinspected[ dataType ] = true;
      tjQuery.each( structure[ dataType ] || [],

```

```

function( _, prefilterOrFactory ) {
  var dataTypeOrTransport = prefilterOrFactory( options, originalOptions,
  jqXHR );
  if ( typeof dataTypeOrTransport === "string" && !seekingTransport && !inspected[
  dataTypeOrTransport ] ) {
    options.dataTypes.unshift( dataTypeOrTransport );
    inspect(
    dataTypeOrTransport );
    return false;
  } else if ( seekingTransport ) {
    return !( selected =
    dataTypeOrTransport );
  }
  return selected;
}

return inspect( options.dataTypes[ 0 ] ) ||
!inspected[ "*" ] && inspect( "*" );
}

// A special extend for ajax options
// that takes "flat" options (not to
be deep extended)
// Fixes #9887
function ajaxExtend( target, src ) {
  var key, deep, flatOptions =
  jQuery.ajaxSettings.flatOptions || {};

  for ( key in src ) {
    if ( src[ key ] !== undefined ) {
      flatOptions[ key ] ? target : ( deep = {} )
    }
    [ key ] = src[ key ];
    if ( deep ) {
      jQuery.extend( true, target,
      deep );
    }
  }

  return target;
}

// Handles responses to an ajax request:
// * - finds the right dataType (mediates
between content-type and expected dataType)
// * - returns the corresponding response
function
ajaxHandleResponses( s, jqXHR, responses ) {
  var ct, type, finalDataType, firstDataType,
  contents =
  s.contents,
  dataTypes = s.dataTypes;

  // Remove auto dataType and get content-type in the process
  if ( dataTypes[ 0 ] === "*" ) {
    dataTypes.shift();
    if ( ct === undefined ) {
      ct = s.mimeType ||
      jqXHR.getResponseHeader( "Content-Type" );
    }

    if ( ct ) {
      for ( type in contents ) {
        if ( contents[ type ] && contents[ type ].test( ct ) ) {
          dataTypes.unshift( type );
          break;
        }
      }
    }

    // Check to see if we have a response for the
expected dataType
    if ( dataTypes[ 0 ] in responses ) {
      finalDataType = dataTypes[ 0 ];
    } else {
      // Try
convertible dataTypes
      for ( type in responses ) {
        if ( !dataTypes[ 0 ] || s.converters[ type + " " +
        dataTypes[ 0 ] ] ) {
          finalDataType = type;
          break;
        }
      }

      if ( !firstDataType ) {
        firstDataType = type;
      }
    }

    // Or just use first one
    finalDataType = finalDataType ||
    firstDataType;

    // If we found a dataType
    // We add the dataType to the list if needed
    // and return the
corresponding response
    if ( finalDataType ) {
      if ( finalDataType !== dataTypes[ 0 ] ) {
        dataTypes.unshift( finalDataType );
      }
      return responses[ finalDataType ];
    }
  }

  // Chain
conversions given the request and the original response
  * Also sets the responseXXX fields on the jqXHR
instance
  */
function ajaxConvert( s, response, jqXHR, isSuccess ) {
  var conv2, current, conv, tmp,
  prev,
  converters = {},
  dataTypes = s.dataTypes.slice();

  // Create converters map with lowercased keys
  if (
  dataTypes[ 1 ] ) {
    for ( conv in s.converters ) {
      converters[ conv.toLowerCase() ] = s.converters[ conv ];
    }
  }

  current = dataTypes.shift();

  // Convert to each sequential dataType
  while ( current ) {
    if ( s.responseFields[ current ] ) {
      jqXHR[ s.responseFields[ current ] ] = response;
    }

    // Apply
the dataFilter if provided
    if ( !prev && isSuccess && s.dataFilter ) {
      response = s.dataFilter( response,
      s.dataType );
    }

    prev = current;
    current = dataTypes.shift();

    if ( current ) {
      // There's only
work to do if current dataType is non-auto
      if ( current === "*" ) {
        current = prev;
      }

      // Convert
response if prev dataType is non-auto and differs from current
      else if ( prev !== "*" && prev !== current ) {
        // Seek a direct converter
        conv = converters[ prev + " " + current ] || converters[ "*" + current ];

        // If none found, seek a pair
        if ( !conv ) {
          for ( conv2 in converters ) {
            // If
conv2 outputs current
            tmp = conv2.split( " " );
            if ( tmp[ 1 ] === current ) {
              // If
prev can be converted to accepted input
              conv = converters[ prev + " " + tmp[ 0 ] ] ||
              converters[ "*" + tmp[ 0 ] ];
            }
          }
        }

        // Condense equivalence
converters
        if ( conv === true ) {
          conv = converters[ conv2 ];
        }

        // Otherwise,
insert the intermediate dataType
        else if ( converters[ conv2 ] !== true ) {
          current = tmp[ 0 ];
          dataTypes.unshift( tmp[ 1 ] );
        }
      }
    }
  }

  // Apply
converter (if not an
equivalence)
  if ( conv !== true ) {
    // Unless errors are allowed to bubble, catch and return
them
    if ( conv && s.throws ) {
      response = conv( response );
    } else {
      response = conv( response );
    }
  }

  catch ( e ) {
    return {
      state:
      "parsererror",
      error: conv ? e : "No conversion from " + prev + " to " +

```













```

=== undefined ) {
    jQuery( window ).removeProp( callbackName );
    // Otherwise restore preexisting value
    else {
        window[ callbackName ] = overwritten;
        // Save back as free
        ( s[ callbackName ] ) {
            // Make sure that re-using the options doesn't screw things around
            ts.jsonpCallback = originalSettings.jsonpCallback;
            // Save the callback name for future use
            toldCallbacks.push( callbackName );
            // Call if it was a function and we have a response
            if ( responseContainer && isFunction( overwritten ) ) {
                overwritten( responseContainer[ 0 ] );
            }
            // Delegate to script
            responseContainer = overwritten = undefined;
        };
        // Delegate to script
        return "script";
    };
    // Support: Safari 8 only
    // In Safari 8 documents created via document.implementation.createHTMLDocument
    // collapse sibling forms: the second one becomes a child of the first one.
    // Because of that, this security measure has to be disabled in Safari 8.
    https://bugs.webkit.org/show_bug.cgi?id=137337
    support.createHTMLDocument = ( function() {
        var body = document.implementation.createHTMLDocument( "" ).body;
        body.innerHTML = "<form></form><form></form>";
        return body.childNodes.length === 2;
    } );
    // Argument "data" should be string of html
    // context (optional): If specified, the fragment will be created in this context,
    // defaults to document
    // keepScripts (optional): If true, will include scripts passed in the html string
    jQuery.parseHTML = function( data, context, keepScripts ) {
        if ( !data || typeof data !== "string" ) {
            return [];
        }
        if ( typeof context === "boolean" ) {
            keepScripts = context;
            context = false;
        }
        var base, parsed, scripts;
        if ( !context ) {
            // Stop scripts or inline event handlers from being executed immediately
            // by using document.implementation
            if ( support.createHTMLDocument ) {
                context = document.implementation.createHTMLDocument( "" );
            }
            // Set the base href for the created document
            // so any parsed elements with URLs
            // are based on the document's URL (gh-2965)
            base = context.createElement( "base" );
            base.href = document.location.href;
            context.head.appendChild( base );
        }
        else {
            context = document;
        }
        parsed = rsingleTag.exec( data );
        scripts = !keepScripts && [];
        // Single tag
        if ( parsed ) {
            return [ context.createElement( parsed[ 1 ] ) ];
        }
        // Build fragment
        return buildFragment( [ data ], context, scripts );
    };
    // Remove
    jQuery.remove();
    // Merge
    jQuery.merge( [], parsed.childNodes );
    // Load a url into a page
    // jQuery.fn.load = function( url, params, callback ) {
    //     var selector, type, response, self, off = url.indexOf( " " );
    //     if ( off > -1 ) {
    //         selector = stripAndCollapse( url.slice( off ) );
    //         url = url.slice( 0, off );
    //     }
    //     // If it's a function
    //     if ( isFunction( params ) ) {
    //         // We assume that it's the callback
    //         callback = params;
    //         params = undefined;
    //     }
    //     // Otherwise, build a param string
    //     else if ( params && typeof params === "object" ) {
    //         type = "POST";
    //     }
    //     // If we have elements to modify, make the request
    //     if ( self.length > 0 ) {
    //         jQuery.ajax( {
    //             url: url,
    //             // If "type" variable is undefined, then "GET" method will be used.
    //             // Make value of this field explicit since user can override it through ajaxSetup method
    //             type: type || "GET",
    //             dataType: "html",
    //             data: params
    //         }).done( function(.responseText) {
    //             // Save response for use in complete callback
    //             response = arguments;
    //             self.html( selector ?
    //                 // If a selector was specified, locate the right elements in a dummy div
    //                 // Exclude scripts to avoid IE 'Permission Denied' errors
    //                 jQuery( "<div>" ).append( jQuery.parseHTML(.responseText ) ).find( selector ) :
    //                 // Otherwise use the full result
    //                 responseText );
    //             // If the request succeeds, this function gets "data", "status", "jqXHR"
    //             // but they are ignored because response was set above.
    //             // If it fails, this function gets "jqXHR", "status", "error"
    //             jQuery( this ).always( callback && function( jqXHR, status ) {
    //                 self.each( function() {
    //                     callback.apply( this, response || [ jqXHR.responseText, status, jqXHR ] );
    //                 } );
    //             } );
    //             return this;
    //         });
    //     }
    //     // Attach a bunch of functions for handling common AJAX events
    //     jQuery.each( [ "ajaxStart", "ajaxStop", "ajaxComplete", "ajaxError", "ajaxSuccess", "ajaxSend" ],
    //         function( i, type ) {
    //             jQuery.fn[ type ] = function( fn ) {
    //                 return this.on( type, fn );
    //             };
    //         } );
    //     // jQuery.expr.pseudos.animated = function( elem ) {
    //     //     return jQuery.grep( jQuery.timers, function( fn ) {
    //     //         return elem === fn.elem;
    //     //     } ).length;
    //     // };
    //     // jQuery.offset = {
    //     //     setOffset: function( elem, options, i ) {
    //     //         var curPosition, curLeft, curCSSTop, curTop, curOffset, curCSSLeft, calculatePosition,
    //     //             jQuery.css( elem, "position" ),
    //     //             curElem = jQuery( elem ),
    //     //             props = {};
    //     //         // Set position first, in-case

```

```

top/left are set even on static elem\n\t\t\t\t\t ( position === "static" ) {\n\t\t\t\t\t telem.style.position =
"relative";\n\t\t\t\t\t }\n\t\t\t\t\t curOffset = curElem.offset();\n\t\t\t\t\t curCSSTop = jQuery.css( elem, "top" );\n\t\t\t\t\t curCSSLeft
= jQuery.css( elem, "left" );\n\t\t\t\t\t calculatePosition = ( position === "absolute" || position === "fixed" )
&&\n\t\t\t\t\t ( curCSSTop + curCSSLeft ).indexOf( "auto" ) > -1;\n\t\t\t\t\t // Need to be able to calculate position if
either\n\t\t\t\t\t top or left is auto and position is either absolute or fixed\n\t\t\t\t\t ( calculatePosition ) {\n\t\t\t\t\t curPosition =
curElem.position();\n\t\t\t\t\t curTop = curPosition.top;\n\t\t\t\t\t curLeft = curPosition.left;\n\t\t\t\t\t } else {\n\t\t\t\t\t curTop =
parseFloat( curCSSTop ) || 0;\n\t\t\t\t\t curLeft = parseFloat( curCSSLeft ) || 0;\n\t\t\t\t\t }\n\t\t\t\t\t (isFunction( options ) )
{\n\t\t\t\t\t // Use jQuery.extend here to allow modification of coordinates argument ( gh-1848 )\n\t\t\t\t\t options =
options.call( elem, i, jQuery.extend( {}, curOffset ) );\n\t\t\t\t\t }\n\t\t\t\t\t ( options.top != null ) {\n\t\t\t\t\t props.top = (
options.top - curOffset.top ) + curTop;\n\t\t\t\t\t }\n\t\t\t\t\t ( options.left != null ) {\n\t\t\t\t\t props.left = ( options.left -
curOffset.left ) + curLeft;\n\t\t\t\t\t }\n\t\t\t\t\t ( "using" in options ) {\n\t\t\t\t\t options.using.call( elem, props );\n\t\t\t\t\t } else
{\n\t\t\t\t\t curElem.css( props );\n\t\t\t\t\t }\n\t\t\t\t\t jQuery.fn.extend( {\n\t\t\t\t\t // offset() relates an element's border box to
the document origin\n\t\t\t\t\t offset: function( options ) {\n\t\t\t\t\t // Preserve chaining for setter\n\t\t\t\t\t ( arguments.length )
{\n\t\t\t\t\t return options === undefined ?\n\t\t\t\t\t this :\n\t\t\t\t\t this.each( function( i ) {\n\t\t\t\t\t jQuery.offset.setOffset(
this, options, i );\n\t\t\t\t\t } );\n\t\t\t\t\t }\n\t\t\t\t\t var rect, win,\n\t\t\t\t\t telem = this[ 0 ];\n\t\t\t\t\t ( !elem )
{\n\t\t\t\t\t return;\n\t\t\t\t\t }\n\t\t\t\t\t // Return zeros for disconnected and hidden (display: none) elements ( gh-2310 )\n\t\t\t\t\t // Support: IE <= 11 only\n\t\t\t\t\t // Running getBoundingClientRect on a\n\t\t\t\t\t // disconnected node in IE throws an
error\n\t\t\t\t\t ( !elem.getBoundingClientRect().length ) {\n\t\t\t\t\t return { top: 0, left: 0 };\n\t\t\t\t\t }\n\t\t\t\t\t // Get document-relative
position by adding viewport scroll to viewport-relative gBCR\n\t\t\t\t\t ( rect = elem.getBoundingClientRect() );\n\t\t\t\t\t ( win =
elem.ownerDocument.defaultView );\n\t\t\t\t\t return {\n\t\t\t\t\t top: rect.top + win.pageYOffset,\n\t\t\t\t\t left: rect.left +
win.pageXOffset\n\t\t\t\t\t };\n\t\t\t\t\t },\n\t\t\t\t\t // position() relates an element's margin box to its offset parent's padding box\n\t\t\t\t\t // This corresponds to the behavior of CSS absolute positioning\n\t\t\t\t\t position: function() {\n\t\t\t\t\t ( !this[ 0 ] )
{\n\t\t\t\t\t return;\n\t\t\t\t\t }\n\t\t\t\t\t var offsetParent, offset, doc,\n\t\t\t\t\t telem = this[ 0 ],\n\t\t\t\t\t parentOffset = { top: 0, left: 0
};\n\t\t\t\t\t // position:fixed elements are offset from the viewport, which itself always has zero offset\n\t\t\t\t\t (
jQuery.css( elem, "position" ) === "fixed" ) {\n\t\t\t\t\t // Assume position:fixed implies availability of
getBoundingClientRect\n\t\t\t\t\t ( offsetParent = elem.getBoundingClientRect() );\n\t\t\t\t\t } else {\n\t\t\t\t\t ( offsetParent =
this.offsetParent );\n\t\t\t\t\t // Account for the *real* offset parent, which can be the document or its root element\n\t\t\t\t\t // when a statically positioned element is identified\n\t\t\t\t\t ( doc = elem.ownerDocument );\n\t\t\t\t\t ( offsetParent =
elem.offsetParent || doc.documentElement );\n\t\t\t\t\t while ( ( offsetParent &&\n\t\t\t\t\t ( offsetParent === doc.body ||
offsetParent === doc.documentElement ) &&\n\t\t\t\t\t jQuery.css( offsetParent, "position" ) === "static" )
{\n\t\t\t\t\t ( offsetParent = offsetParent.parentNode );\n\t\t\t\t\t }\n\t\t\t\t\t ( offsetParent && offsetParent !== elem &&
offsetParent.nodeType === 1 ) {\n\t\t\t\t\t // Incorporate borders into its offset, since they are outside its content
origin\n\t\t\t\t\t ( parentOffset = jQuery( offsetParent ).offset() );\n\t\t\t\t\t ( parentOffset.top += jQuery.css( offsetParent,
"borderTopWidth", true );\n\t\t\t\t\t ( parentOffset.left += jQuery.css( offsetParent, "borderLeftWidth", true
);\n\t\t\t\t\t }\n\t\t\t\t\t // Subtract parent offsets and element margins\n\t\t\t\t\t ( return {\n\t\t\t\t\t top: offset.top -
parentOffset.top - jQuery.css( elem, "marginTop", true ),\n\t\t\t\t\t left: offset.left - parentOffset.left - jQuery.css( elem,
"marginLeft", true )\n\t\t\t\t\t } );\n\t\t\t\t\t }\n\t\t\t\t\t // This method will return documentElement in the following cases:\n\t\t\t\t\t // 1)
For the element inside the iframe without offsetParent, this method will return\n\t\t\t\t\t // documentElement of the parent
window\n\t\t\t\t\t // 2) For the hidden or detached element\n\t\t\t\t\t // 3) For body or html element, i.e. in case of the html node -
it will return itself\n\t\t\t\t\t // but those exceptions were never presented as a real life use-cases\n\t\t\t\t\t // and might be
considered as more preferable results.\n\t\t\t\t\t // This logic, however, is not guaranteed and can change at any point
in the future\n\t\t\t\t\t ( offsetParent = function() {\n\t\t\t\t\t return this.map( function() {\n\t\t\t\t\t var offsetParent =
this.offsetParent;\n\t\t\t\t\t while ( offsetParent && jQuery.css( offsetParent, "position" ) === "static" )
{\n\t\t\t\t\t ( offsetParent = offsetParent.offsetParent );\n\t\t\t\t\t }\n\t\t\t\t\t return offsetParent || documentElement;\n\t\t\t\t\t }
);;\n\t\t\t\t\t // Create scrollLeft and scrollTop methods\n\t\t\t\t\t jQuery.each( { scrollLeft: "pageXOffset", scrollTop:
"pageYOffset" }, function( method, prop ) {\n\t\t\t\t\t var top = "pageYOffset" === prop;\n\t\t\t\t\t jQuery.fn[ method ] =
function( val ) {\n\t\t\t\t\t return access( this, function( elem, method, val ) {\n\t\t\t\t\t // Coalesce documents and
windows\n\t\t\t\t\t var win;\n\t\t\t\t\t ( !isWindow( elem ) ) {\n\t\t\t\t\t ( win = elem )\n\t\t\t\t\t } else if ( elem.nodeType === 9 )

```

```

win = elem.defaultView;
if ( val === undefined ) {
return win ? win[ prop ] : elem[
method ];
}
if ( win ) {
win.scrollTo( !top ? val : win.pageXOffset, !top ? val :
win.pageYOffset );
} else {
elem[ method ] = val;
}, method, val, arguments.length
);
}
// Support: Safari <= 7 - 9.1, Chrome <= 37 - 49
// Add the top/left cssHooks using
jQuery.fn.position
// Webkit bug: https://bugs.webkit.org/show_bug.cgi?id=29084
// Blink bug:
https://bugs.chromium.org/p/chromium/issues/detail?id=589347
// getComputedStyle returns percent when
specified for top/left/bottom/right;
// rather than make the css module depend on the offset module, just check for it
here
jQuery.each( [ "top", "left" ], function( i, prop ) {
jQuery.cssHooks[ prop ] = addGetHookIf(
support.pixelPosition, function( elem, computed ) {
if ( computed ) {
computed = curCSS( elem,
prop );
// If curCSS returns percentage, fallback to offset
return rnumnonpx.test( computed )
? jQuery( elem ).position()[ prop ] + "px" :
computed;
}
}
);
}
// Create
innerHeight, innerWidth, height, width, outerHeight and outerWidth methods
jQuery.each( { Height: "height",
Width: "width" }, function( name, type ) {
jQuery.each( { padding: "inner" + name, content: type, "":
"outer" + name }, function( defaultExtra, funcName ) {
// Margin is only for outerHeight,
outerWidth
jQuery.fn[ funcName ] = function( margin, value ) {
var chainable = arguments.length && (
defaultExtra || typeof margin !== "boolean" ),
extra = defaultExtra || ( margin === true || value === true ?
"margin" : "border" );
return access( this, function( elem, type, value ) {
var doc;
if (
isWindow( elem ) ) {
return $( window ).outerWidth/Height return w/h including scrollbars (gh-
1729)
return funcName.indexOf( "outer" ) === 0 ?
elem[ "inner" + name ]
:
elem.document.documentElement[ "client" + name ];
}
if ( elem.nodeType === 9 ) {
doc = elem.documentElement;
// Either
scroll[Width/Height] or offset[Width/Height] or client[Width/Height],
// whichever is
greatest
return Math.max( elem.body[ "scroll" + name ], doc[ "scroll" + name
], elem.body[ "offset" + name ], doc[ "offset" + name ], doc[ "client" + name
] );
}
return value === undefined ?
// Get width or height on the element,
requesting but not forcing parseFloat
jQuery.css( elem, type, extra ) :
// Set width or height on the
element
jQuery.style( elem, type, value, extra );
}, type, chainable ? margin : undefined, chainable
);
}
}
);
jQuery.each( ( "blur focus focusin focusout resize scroll click dblclick "
+ "mousedown mouseup mousemove mouseover mouseout mouseenter mouseleave "
+ "change select submit keydown keypress keyup contextmenu" ).split( " " ), function( i, name ) {
// Handle event
binding
jQuery.fn[ name ] = function( data, fn ) {
return arguments.length > 0 ?
this.on( name, null, data, fn ) :
this.trigger( name );
}
jQuery.fn.extend( {
hover: function( fnOver, fnOut ) {
return this.mouseenter( fnOver ).mouseleave( fnOut || fnOver );
}
}
);
jQuery.fn.extend( {
bind: function( types, data, fn ) {
return this.on( types, null, data, fn );
},
unbind: function( types, fn ) {
return this.off( types, null, fn );
},
delegate: function( selector, types, data, fn ) {
return this.on( types, selector, data, fn );
},
undelegate: function( selector, types, fn ) {
return ( namespace ) or ( selector,
types [, fn ] )
return arguments.length === 1 ?
this.off( selector, "**" ) :
this.off( types, selector ||
"**", fn );
}
);
// Bind a function to a context, optionally partially applying any
// arguments.
jQuery.proxy is deprecated to promote standards (specifically Function#bind)
// However, it is not slated for
removal any time soon
jQuery.proxy = function( fn, context ) {
var tmp, args, proxy;
if ( typeof context ===
"string" ) {
tmp = fn[ context ];
context = fn;
fn = tmp;
}
// Quick check to determine if target is
callable, in the spec
// this throws a TypeError, but we will just return undefined.
if ( !isFunction( fn ) ) {
return undefined;
}
targs = slice.call( arguments, 2 );
proxy = function() {
return fn.apply( context || this, args.concat( slice.call( arguments ) ) );
}
// Set the guid of unique
handler to the same of original handler, so it can be removed
proxy.guid = fn.guid = fn.guid ||
jQuery.guid++;
return proxy;
}
jQuery.holdReady = function( hold ) {
if ( hold ) {
jQuery.readyWait++;
} else {
jQuery.ready( true );
}
}
jQuery.isArray =
Array.isArray;
jQuery.parseJSON = JSON.parse;
jQuery.nodeName = nodeName;
jQuery.isFunction =

```

```

isFunction;
jQuery.isWindow = isWindow;
jQuery.camelCase = camelCase;
jQuery.type =
toType;
jQuery.now = Date.now;
jQuery.isNumeric = function( obj ) {
  // As of jQuery 3.0, isNumeric is
  // limited to strings and numbers (primitives or objects)
  // that can be coerced to finite numbers (gh-
  // 2662)
  var type = jQuery.type( obj );
  return ( type === "number" || type === "string" ) &&
    !parseFloat( NaNs ) &&
    !numericCast( false ) &&
    !numericCast( true );
  // ...but misinterprets leading-number strings, particularly
  // hex literals ("0x...")
  // subtraction forces infinities to NaN
  !isNaN( obj - parseFloat( obj ) );
};

// Register as a named AMD module, since jQuery can be concatenated with other
// files that may use define, but not via a proper concatenation script that
// understands anonymous AMD modules. A named AMD is safest and most
// robust way to register. Lowercase jquery is used because AMD module names are
// derived from file names, and jQuery is normally delivered in a lowercase
// file name. Do this after creating the global so that if an AMD
// module wants to call noConflict to hide this version of jQuery, it will work.
// Note that for maximum portability, libraries that are not jQuery should
// declare themselves as anonymous modules, and avoid setting a
// global if an AMD loader is present. jQuery is a special case. For more information, see
// https://github.com/jrburke/requirejs/wiki/Updating-existing-libraries#wiki-anon
if ( typeof define ===
  "function" && define.amd ) {
  define( "jquery", [], function() {
    return jQuery;
  });
}

// Map over jQuery in case of overwrite
jQuery = window.jQuery,
// Map over the $ in case of overwrite
$ = window.$;

jQuery.noConflict = function( deep ) {
  if ( window.$ === jQuery ) {
    window.$ =
    _$;
  }
  if ( deep && window.jQuery === jQuery ) {
    window.jQuery = _jQuery;
  }
  return
  jQuery;
};

// Expose jQuery and $ identifiers, even in AMD (#7102#comment:10,
// https://github.com/jquery/jquery/pull/557) and CommonJS for browser emulators (#13566)
if ( !noGlobal ) {
  window.jQuery = window.$ = jQuery;
}

return jQuery;
};

var map = {
  ".en.json":
  "e847";
};

function webpackContext(req) {
  var id = webpackContextResolve(req);
  return
  __webpack_require__(id);
}

function webpackContextResolve(req) {
  var id = map[req];
  if (!id + 1) {
    // check for number or string
    var e = new Error("Cannot find module " + req + "");
    e.code =
    'MODULE_NOT_FOUND';
    throw e;
  }
  return id;
}

webpackContext.keys = function
  webpackContextKeys() {
    return Object.keys(map);
  };

webpackContext.resolve =
  webpackContextResolve;

module.exports = webpackContext;

webpackContext.id = "11b2";

var pIE =
  require('./_object-pie');
var createDesc = require('./_property-desc');
var toObject = require('./_to-iobject');
var toPrimitive = require('./_to-primitive');
var has = require('./_has');
var IE8_DOM_DEFINE = require('./_ie8-dom-define');
var gOPD = Object.getOwnPropertyDescriptor;
var nexports.f = require('./_descriptors') ? gOPD : function
  getOwnPropertyDescriptor(O, P) {
    O = toObject(O);
    P = toPrimitive(P, true);
    if (IE8_DOM_DEFINE) try {
      return gOPD(O, P);
    } catch (e) {
      /* empty */
    }
    if (has(O, P)) return createDesc(!IE.f.call(O, P),
    O[P]);
  };

/**
 * Checks if `value` is suitable for use as unique object key.
 *
 * @private
 * @param {*} value The value to check.
 * @returns {boolean} Returns `true` if `value` is suitable, else `false`.
 */
function isKeyable(value) {
  var type = typeof value;
  return (type === 'string' || type === 'number' || type === 'symbol' || type
  === 'boolean') ? (value !== '__proto__') : (value === null);
}

module.exports = isKeyable;

var
  identity = require('./_identity');

/**
 * Casts `value` to `identity` if it's not a function.
 *
 * @private
 * @param {*} value The value to inspect.
 * @returns {Function} Returns cast function.
 */
function castFunction(value) {
  return typeof value === 'function' ? value : identity;
}

module.exports =
  castFunction;

/**
 * Checks if `value` is object-like. A value is object-like if it's not `null`
 * and has a `typeof` result of "object".
 *
 * @static
 * @memberOf _
 * @since 4.0.0
 * @category Lang
 * @param {*} value The value to check.
 * @returns {boolean} Returns `true` if `value` is object-like, else `false`.
 *
 * @example
 * _isObjectLike({}); // => true
 * _isObjectLike([1, 2, 3]); // => true
 * _isObjectLike(_.noop); // => false
 * _isObjectLike(null); // => false
 */
function isObjectLike(value) {
  return value != null && typeof value === 'object';
}

module.exports =
  isObjectLike;

module.exports =
  "
  owA6AADnOD5/AAAACXBIWXMAAAsTAAALEwEAmpwYAAAAB3RJTUUh4QgLCggYIJ85zwAAAB10R

```





```

cel('script')) {\n  defer = function (id) {\n    html.appendChild(cel('script'))[ONREADYSTATECHANGE] =
function () {\n    html.removeChild(this);\n    run.call(id);\n    };\n  };\n  // Rest old browsers\n } else {\n
defer = function (id) {\n    setTimeout(ctx(run, id, 1), 0);\n    };\n  }\n}\n\nmodule.exports = {\n  set: setTask,\n
clear: clearTask\n};\n", "/**\n * Checks if `value` is the\n * [language type](http://www.ecma-
international.org/ecma-262/7.0/#sec-ecmascript-language-types)\n * of `Object`. (e.g. arrays, functions, objects,
regexes, `new Number(0)`, and `new String("")`)\n * \n * @static\n * @memberOf _\n * @since 0.1.0\n * @category
Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an object, else
`false`.\n * @example\n *\n * _isObject({});\n * // => true\n *\n * _isObject([1, 2, 3]);\n * // => true\n *\n *
_isObject(_noop);\n * // => true\n *\n * _isObject(null);\n * // => false\n *\n * \nfunction isObject(value) {\n  var type
= typeof value;\n  return value != null && (type == 'object' || type == 'function');\n }\n\nmodule.exports =
isObject;\n", "var Symbol = require('./_Symbol'),\n  Uint8Array = require('./_Uint8Array'),\n  eq = require('./eq'),\n
equalArrays = require('./_equalArrays'),\n  mapToArray = require('./_mapToArray'),\n  setToArray =
require('./_setToArray');\n\n/** Used to compose bitmasks for value comparisons. *\nvar
COMPARE_PARTIAL_FLAG = 1,\n  COMPARE_UNORDERED_FLAG = 2;\n\n/** `Object#toString` result
references. *\nvar boolTag = '[object Boolean]',\n  dateTag = '[object Date]',\n  errorTag = '[object Error]',\n
mapTag = '[object Map]',\n  numberTag = '[object Number]',\n  regexpTag = '[object RegExp]',\n  setTag =
'[object Set]',\n  stringTag = '[object String]',\n  symbolTag = '[object Symbol]';\n\nvar arrayBufferTag = '[object
ArrayBuffer]',\n  dataViewTag = '[object DataView]';\n\n/** Used to convert symbols to primitives and strings.
*\nvar symbolProto = Symbol ? Symbol.prototype : undefined,\n  symbolValueOf = symbolProto ?
symbolProto.valueOf : undefined;\n\n/**\n * A specialized version of `baseIsEqualDeep` for comparing objects of\n
* the same `toStringTag`.\n * \n * **Note:** This function only supports comparing values with tags of\n *
`Boolean`, `Date`, `Error`, `Number`, `RegExp`, or `String`.\n * \n * @private\n * @param {Object} object The
object to compare.\n * @param {Object} other The other object to compare.\n * @param {string} tag The
`toStringTag` of the objects to compare.\n * @param {number} bitmask The bitmask flags. See `baseIsEqual` for
more details.\n * @param {Function} customizer The function to customize comparisons.\n * @param {Function}
equalFunc The function to determine equivalents of values.\n * @param {Object} stack Tracks traversed `object`
and `other` objects.\n * @returns {boolean} Returns `true` if the objects are equivalent, else `false`.\n *\nfunction
equalByTag(object, other, tag, bitmask, customizer, equalFunc, stack) {\n  switch (tag) {\n    case dataViewTag:\n
if ((object.byteLength != other.byteLength) ||\n      (object.byteOffset != other.byteOffset)) {\n      return
false;\n    }\n    object = object.buffer;\n    other = other.buffer;\n\n    case arrayBufferTag:\n    if ((object.byteLength !=
other.byteLength) ||\n      !equalFunc(new Uint8Array(object), new Uint8Array(other))) {\n      return false;\n    }\n
return true;\n\n    case boolTag:\n    case dateTag:\n    case numberTag:\n    // Coerce booleans to `1` or `0`
and dates to milliseconds.\n    // Invalid dates are coerced to `NaN`.\n    return eq(+object, +other);\n\n    case
errorTag:\n    return object.name == other.name && object.message == other.message;\n\n    case regexpTag:\n
case stringTag:\n    // Coerce regexes to strings and treat strings, primitives and objects,\n    // as equal. See
http://www.ecma-international.org/ecma-262/7.0/#sec-regexp.prototype.tostring\n    // for more details.\n    return
object == (other + '');\n\n    case mapTag:\n    var convert = mapToArray;\n\n    case setTag:\n    var isPartial =
bitmask & COMPARE_PARTIAL_FLAG;\n    convert || (convert = setToArray);\n\n    if (object.size !=
other.size && !isPartial) {\n      return false;\n    }\n    // Assume cyclic values are equal.\n    var stacked =
stack.get(object);\n    if (stacked) {\n      return stacked == other;\n    }\n    bitmask |=
COMPARE_UNORDERED_FLAG;\n\n    // Recursively compare objects (susceptible to call stack limits).\n    stack.set(object,
other);\n    var result = equalArrays(convert(object), convert(other), bitmask, customizer,
equalFunc, stack);\n    stack['delete'](object);\n    return result;\n\n    case symbolTag:\n    if (symbolValueOf) {\n
return symbolValueOf.call(object) == symbolValueOf.call(other);\n    }\n  }\n}\n\nreturn
false;\n}\n\nmodule.exports = equalByTag;\n", "use strict";\n\nmodule.exports = require('./is-implemented')() ?
Symbol : require('./polyfill');\n", "var getNative = require('./_getNative'),\n  root = require('./_root');\n\n/** Built-in
method references that are verified to be native. *\nvar Promise = getNative(root, 'Promise');\n\nmodule.exports =
Promise;\n", "/**\n * Removes `key` and its value from the hash.\n * \n * @private\n * @name delete\n *

```

```

@memberOf Hash\n * @param {Object} hash The hash to modify.\n * @param {string} key The key of the value
to remove.\n * @returns {boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction
hashDelete(key) {\n  var result = this.has(key) && delete this.__data__[key];\n  this.size -= result ? 1 : 0;\n  return
result;\n}\n\nmodule.exports = hashDelete;\n", "var baseEach = require('./_baseEach');\n\n/**\n * The base
implementation of `_.every` without support for iteratee shorthands.\n */\n * @private\n * @param {Array|Object}
collection The collection to iterate over.\n * @param {Function} predicate The function invoked per iteration.\n *
@returns {boolean} Returns `true` if all elements pass the predicate check, `false` otherwise.\n */\nfunction
baseEvery(collection, predicate) {\n  var result = true;\n  baseEach(collection, function(value, index, collection) {\n
result = !!predicate(value, index, collection);\n  });\n  return result;\n}\n\nmodule.exports =
baseEvery;\n", "/* call something on iterator step with safe closing on error\nvar anObject = require('./_an-
object');\nmodule.exports = function(iterator, fn, value, entries) {\n  try {\n    return entries ? fn(anObject(value)[0],
value[1]) : fn(value);\n  } // 7.4.6 IteratorClose(iterator, completion)\n  catch (e) {\n    var ret = iterator['return'];\n
if (ret !== undefined) anObject(ret.call(iterator));\n    throw e;\n  }\n};\n", "var getMapData =
require('./_getMapData');\n\n/**\n * Sets the map `key` to `value`.\n */\n * @private\n * @name set\n *
@memberOf MapCache\n * @param {string} key The key of the value to set.\n * @param {*} value The value to
set.\n * @returns {Object} Returns the map cache instance.\n */\nfunction mapCacheSet(key, value) {\n  var data =
getMapData(this, key),\n  size = data.size;\n  data.set(key, value);\n  this.size += data.size == size ? 0 : 1;\n
return this;\n}\n\nmodule.exports = mapCacheSet;\n", "/* extracted by mini-css-extract-plugin", "use
strict";\n\nmodule.exports = require("./is-implemented")().\n\n? Object.assign\n\n: require("./shim");\n\n", "/*\n * A
specialized version of `matchesProperty` for source values suitable\n * for strict equality comparisons, i.e. `===`.\n
*/\n * @private\n * @param {string} key The key of the property to get.\n * @param {*} srcValue The value to
match.\n * @returns {Function} Returns the new spec function.\n */\nfunction matchesStrictComparable(key,
srcValue) {\n  return function(object) {\n    if (object == null) {\n      return false;\n    }\n    return object[key] ===
srcValue &&\n      (srcValue !== undefined || (key in Object(object)));\n  };\n}\n\nmodule.exports =
matchesStrictComparable;\n", "use strict";\n\nvar hide = require('./_hide');\n\nvar reDefine = require('./_redefine');\n\nvar
fails = require('./_fails');\n\nvar defined = require('./_defined');\n\nvar wks = require('./_wks');\n\nmodule.exports =
function(KEY, length, exec) {\n  var SYMBOL = wks(KEY);\n  var fns = exec(defined, SYMBOL, "[KEY]");\n  var strfn =
fns[0];\n  var rxfn = fns[1];\n  if (fails(function() {\n    var O = {};\n    O[SYMBOL] = function() { return 7;\n  });\n  return "[KEY](O) != 7;\n  })) {\n    reDefine(String.prototype, KEY, strfn);\n    hide(RegExp.prototype,
SYMBOL, length == 2\n      // 21.2.5.8 RegExp.prototype[@@replace](string, replaceValue)\n      // 21.2.5.11
RegExp.prototype[@@split](string, limit)\n      ? function(string, arg) { return rxfn.call(string, this, arg); }\n      //
21.2.5.6 RegExp.prototype[@@match](string)\n      // 21.2.5.9 RegExp.prototype[@@search](string)\n      : function
(string) { return rxfn.call(string, this); }\n    );\n  }\n};\n", "var compareAscending =
require('./_compareAscending');\n\n/**\n * Used by `_.orderBy` to compare multiple properties of a value to
another\n * and stable sort them.\n */\n * If `orders` is unspecified, all values are sorted in ascending order.
Otherwise,\n * specify an order of "desc" for descending or "asc" for ascending sort order\n * of corresponding
values.\n */\n * @private\n * @param {Object} object The object to compare.\n * @param {Object} other The other
object to compare.\n * @param {boolean[]|string[]} orders The order to sort by for each property.\n * @returns
{number} Returns the sort order indicator for `object`.\n */\nfunction compareMultiple(object, other, orders) {\n
var index = -1,\n  objCriteria = object.criteria,\n  othCriteria = other.criteria,\n  length = objCriteria.length,\n
ordersLength = orders.length;\n  while (++index < length) {\n    var result =
compareAscending(objCriteria[index], othCriteria[index]);\n    if (result) {\n      if (index >= ordersLength) {\n
return result;\n      }\n      var order = orders[index];\n      return result * (order == 'desc' ? -1 : 1);\n    }\n  }\n  //
Fixes an `Array#sort` bug in the JS engine embedded in Adobe applications\n  // that causes it, under certain
circumstances, to provide the same value for\n  // `object` and `other`. See
https://github.com/jashkenas/underscore/pull/1247\n  // for more details.\n  // This also ensures a stable sort in
V8 and other engines.\n  // See https://bugs.chromium.org/p/v8/issues/detail?id=90 for more details.\n  return
object.index - other.index;\n}\n\nmodule.exports = compareMultiple;\n", "var apply = require('./_apply');\n\n/** Built-

```



```

in method references for those with the same name as other `lodash` methods. */
var nativeMax =
Math.max;
/**
 * A specialized version of `baseRest` which transforms the rest array.
 * @private
 * @param {Function} func The function to apply a rest parameter to.
 * @param {number} [start=func.length-1]
The start position of the rest parameter.
 * @param {Function} transform The rest array transform.
 * @returns
{Function} Returns the new function.
 */
function overRest(func, start, transform) {
  start = nativeMax(start
=== undefined ? (func.length - 1) : start, 0);
  return function() {
    var args = arguments,
        index = -1,
        length = nativeMax(args.length - start, 0),
        array = Array(length);
    while (++index < length) {
      array[index] = args[start + index];
    }
    index = -1;
    var otherArgs = Array(start + 1);
    while (++index <
start) {
      otherArgs[index] = args[index];
    }
    otherArgs[start] = transform(array);
    return apply(func,
this, otherArgs);
  };
}
module.exports = overRest;
, "use strict";
Object.defineProperty(exports,
'__esModule', { value: true });
var prefix = 'fab';
var iconName = 'linkedin';
var width = 448;
var height =
512;
var ligatures = [];
var unicode = 'f08c';
var svgPathData = 'M416 32H31.9C14.3 32 0 46.5 0 64.3v383.4C0
465.5 14.3 480 31.9 480H416c17.6 0 32-14.5 32-32.3V64.3c0-17.8-14.4-32.3-32.3zM135.4
416H69V202.2h66.5V416zm-33.2-243c-21.3 0-38.5-17.3-38.5-38.5S80.9 96 102.2 96c21.2 0 38.5 17.3 38.5 0
21.3-17.2 38.5-38.5 38.5zm282.1 243h-66.4V312c0-24.8-.5-56.7-34.5-56.7-34.6 0-39.9 27-39.9 54.9V416h-
66.4V202.2h63.7v29.2h.9c8.9-16.8 30.6-34.5 62.9-34.5 67.2 0 79.7 44.3 79.7 101.9V416z';
exports.definition =
{
  prefix: prefix,
  iconName: iconName,
  icon: [
    width,
    height,
    ligatures,
    unicode,
    svgPathData
  ]
};
exports.faLinkedin = exports.definition;
exports.prefix = prefix;
exports.iconName =
iconName;
exports.width = width;
exports.height = height;
exports.ligatures = ligatures;
exports.unicode =
unicode;
exports.svgPathData = svgPathData;
, "var isObject = require('./_is-object');
var document =
require('./_global').document;
// typeof document.createElement is 'object' in old IE
var is = isObject(document)
&& isObject(document.createElement);
module.exports = function (it) {
  return is ? document.createElement(it) :
{};
};
, "var memoize = require('./memoize');
/**
 * Used as the maximum memoize cache size.
 */
var
MAX_MEMOIZE_SIZE = 500;
/**
 * A specialized version of `_.memoize` which clears the memoized
function's
 * cache when it exceeds `MAX_MEMOIZE_SIZE`.
 */
function memoizeCapped(func) {
  var result = memoize(func, function(key) {
    if (cache.size ===
MAX_MEMOIZE_SIZE) {
      cache.clear();
    }
    return key;
  });
  var cache = result.cache;
  return
result;
}
module.exports = memoizeCapped;
, "
// getting tag from 19.1.3.6 Object.prototype.toString
var
cof = require('./_cof');
var TAG = require('./_wks')('toStringTag');
// ES3 wrong here
var ARG = cof(function ()
{
  return arguments;
}()) === 'Arguments';
// fallback for IE11 Script Access Denied error
var tryGet = function
(it, key) {
  try {
    return it[key];
  } catch (e) {
    /* empty */
  }
};
module.exports = function (it) {
  var O,
      T, B;
  return it === undefined ? 'Undefined' : it === null ? 'Null'
// @@toStringTag case
: typeof (T =
tryGet(O = Object(it), TAG)) === 'string' ? T
// builtinTag case
: ARG ? cof(O)
// ES3 arguments
fallback
: (B = cof(O)) === 'Object' && typeof O.caller === 'function' ? 'Arguments' : B;
};
, "var baseFor =
require('./_baseFor');
var keys = require('./keys');
/**
 * The base implementation of `_.forOwn` without support
for iteratee shorthands.
 */
function baseForOwn(object) {
  return object && baseFor(object, iteratee, keys);
}
module.exports =
baseForOwn;
, "var root = require('./_root');
/**
 * Built-in value references.
 */
var Uint8Array =
root.Uint8Array;
module.exports = Uint8Array;
, "var getMapData = require('./_getMapData');
/**
 * Gets
the map value for `key`.
 */
function mapCacheGet(key) {
  return
getMapData(this, key).get(key);
}
module.exports = mapCacheGet;
, "var nativeCreate =
require('./_nativeCreate');
/**
 * Used to stand-in for `undefined` hash values.
 */
var
HASH_UNDEFINED =
'__lodash_hash_undefined__';
/**
 * Sets the hash `key` to `value`.
 */
function hashSet(key, value) {
  var data = this.__data__;
}

```



```

match[LENGTH] > 1) match[0].replace(separator2, function () {
    for (i = 1; i < arguments[LENGTH] - 2;
    i++) if (arguments[i] === undefined) match[i] = undefined;
});
if (match[LENGTH] > 1 &&
match.index < string[LENGTH]) $push.apply(output, match.slice(1));
lastLength = match[0][LENGTH];
lastLastIndex = lastIndex;
if (output[LENGTH] >= splitLimit) break;
}
if
(separatorCopy[LAST_INDEX] === match.index) separatorCopy[LAST_INDEX]++; // Avoid an infinite loop
}
if (lastLastIndex === string[LENGTH]) {
    if (lastLength || !separatorCopy.test("")) output.push("");
} else output.push(string.slice(lastLastIndex));
return output[LENGTH] > splitLimit ? output.slice(0,
splitLimit) : output;
}; // Chakra, V8
} else if ('$SPLIT')(undefined, 0)[LENGTH] {
    $split = function
(separator, limit) {
        return separator === undefined && limit === 0 ? [] : _split.call(this, separator, limit);
    };
} // 21.1.3.17 String.prototype.split(separator, limit)
return [function split(separator, limit) {
    var O =
defined(this);
    var fn = separator === undefined ? undefined : separator[SPLIT];
    return fn !== undefined ?
fn.call(separator, O, limit) : $split.call(String(O), separator, limit);
}], $split;
}];
}

/**
 * Removes all key-value
 * entries from the list cache.
 * @private
 * @name clear
 * @memberOf ListCache
 */
function listCacheClear() {
    this.__data__ = [];
    this.size = 0;
}
module.exports = listCacheClear;

/**
 * Used for built-in method references.
 * @nvar objectProto = Object.prototype;
 * @nvar ** Used to resolve the
 * [ toStringTag ](http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.toString)
 * of values.
 * @nvar nativeObjectToString = objectProto.toString;
 * @nvar ** Converts `value` to a string using
 * `Object.prototype.toString`.
 * @private
 * @param {*} value The value to convert.
 * @returns {string}
 * Returns the converted string.
 */
function objectToString(value) {
    return
nativeObjectToString.call(value);
}
module.exports = objectToString;

var global = require('./_global');
var hide = require('./_hide');
var has = require('./_has');
var SRC = require('./_uid')('src');
var TO_STRING =
'toString';
var $toString = Function[TO_STRING];
var TPL = (" +
$toString).split(TO_STRING);
require('./_core').inspectSource = function (it) {
    return
$toString.call(it);
};
module.exports = function (O, key, val, safe) {
    var isFunction = typeof val ==
'function';
    if (isFunction) has(val, 'name') || hide(val, 'name', key);
    if (O[key] === val) return;
    if (isFunction)
has(val, SRC) || hide(val, SRC, O[key] ? "" + O[key] : TPL.join(String(key)));
    if (O === global) {
        O[key] =
val;
    } else if (!safe) {
        delete O[key];
        hide(O, key, val);
    } else if (O[key]) {
        O[key] = val;
    } else {
        hide(O, key, val);
    }
    // add fake Function#toString for correct work wrapped methods / constructors with
    methods like LoDash isNative
})(Function.prototype, TO_STRING, function toString() {
    return typeof this ==
'function' && this[SRC] || $toString.call(this);
});

// 19.1.2.2 / 15.2.3.5 Object.create(O [, Properties])
var anObject = require('./_an-object');
var dPs = require('./_object-dps');
var enumBugKeys = require('./_enum-bug-keys');
var IE_PROTO = require('./_shared-key')('IE_PROTO');
var Empty = function () { /* empty */ };
var PROTOTYPE = 'prototype';

// Create object with fake `null` prototype: use iframe Object with cleared
prototype
var createDict = function () {
    // Thrash, waste and sodomy: IE GC bug
    var iframe =
require('./_dom-create')('iframe');
    var i = enumBugKeys.length;
    var lt = '<';
    var gt = '>';
    var
iframeDocument;
    iframe.style.display = 'none';
    require('./_html').appendChild(iframe);
    iframe.src =
'javascript:'; // eslint-disable-line no-script-url
    // createDict = iframe.contentWindow.Object;
    //
html.removeChild(iframe);
    iframeDocument = iframe.contentWindow.document;
    iframeDocument.open();
    iframeDocument.write(lt + 'script' + gt + 'document.F=Object' + lt + 'script' + gt);
    iframeDocument.close();
    createDict = iframeDocument.F;
    while (i--) delete createDict[PROTOTYPE][enumBugKeys[i]];
    return
createDict();
};
module.exports = Object.create || function create(O, Properties) {
    var result;
    if (O !== null) {
        Empty[PROTOTYPE] = anObject(O);
        result = new Empty();
        Empty[PROTOTYPE] = null;
        // add
        `__proto__` for Object.getPrototypeOf polyfill
        result[IE_PROTO] = O;
    } else result = createDict();
    return
Properties === undefined ? result : dPs(result, Properties);
};

// extracted by mini-css-extract-plugin
var freeGlobal = require('./_freeGlobal');
// Detect free variable `self`.
// @nvar freeSelf = typeof self == 'object' &&
self && self.Object === Object && self;
// Used as a reference to the global object.
// @nvar root = freeGlobal ||
freeSelf || Function('return this')();
module.exports = root;

var store = require('./_shared')('wks');
var uid =
require('./_uid');
var Symbol = require('./_global').Symbol;
var USE_SYMBOL = typeof Symbol ==

```

```
'function';\n\nvar $exports = module.exports = function (name) {\n  return store[name] || (store[name] =\n  USE_SYMBOL && Symbol[name] || (USE_SYMBOL ? Symbol : uid)('Symbol.' + name));\n};\n\n$exports.store =\nstore;\n", "module.exports = false;\n", "/*\n * A specialized version of `_.filter` for arrays without support for\n * iteratee shorthands.\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function}\n * predicate The function invoked per iteration.\n * @returns {Array} Returns the new filtered array.\n */\nfunction\narrayFilter(array, predicate) {\n  var index = -1,\n      length = array == null ? 0 : array.length,\n      resIndex = 0,\n      result = [];\n\n  while (++index < length) {\n    var value = array[index];\n    if (predicate(value, index, array)) {\n      result[resIndex++] = value;\n    }\n  }\n  return result;\n}\n\nmodule.exports = arrayFilter;\n", "var toString =\n{\n  toString:\n\nmodule.exports = function (it) {\n  return toString.call(it).slice(8, -1);\n};\n", "/*\n * Removes `key`\n * and its value from the stack.\n * @private\n * @name delete\n * @memberOf Stack\n * @param {string} key\n * The key of the value to remove.\n * @returns {boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction\nstackDelete(key) {\n  var data = this.__data__,\n      result = data['delete'](key);\n\n  this.size =\n  data.size;\n  return result;\n}\n\nmodule.exports = stackDelete;\n", "var isFunction = require('./isFunction'),\n    isLength = require('./isLength');\n\n/**\n * Checks if `value` is array-like. A value is considered array-like if it's\n * not a function and has a `value.length` that's an integer greater than or\n * equal to `0` and less than or equal to\n * `Number.MAX_SAFE_INTEGER`.\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is array-like, else `false`.\n * @example\n * _._isArrayLike([1, 2, 3]);\n * // => true\n * _._isArrayLike(document.body.children);\n * //\n * => true\n * _._isArrayLike('abc');\n * // => true\n * _._isArrayLike(_.noop);\n * // => false\n */\nfunction\nisArrayLike(value) {\n  return value != null && isLength(value.length) &&\n    !isFunction(value);\n}\n\nmodule.exports = isArrayLike;\n", "/* fast apply, http://jsperf.inkit.com/fast-apply/5\n */\nmodule.exports = function (fn, args, that) {\n  var un = that === undefined;\n  switch (args.length) {\n    case 0: return un ? fn()\n      : fn.call(that);\n    case 1: return un ? fn(args[0])\n      : fn.call(that, args[0]);\n    case 2: return un ? fn(args[0], args[1])\n      : fn.call(that, args[0], args[1]);\n    case 3: return\n      un ? fn(args[0], args[1], args[2])\n      : fn.call(that, args[0], args[1], args[2]);\n    case 4: return un ?\n      fn(args[0], args[1], args[2], args[3])\n      : fn.call(that, args[0], args[1], args[2], args[3]);\n  }\n  return\n  fn.apply(that, args);\n};\n\n", "var dP = require('./_object-dp');\nvar createDesc = require('./_property-desc');\nmodule.exports = require('./_descriptors') ? function (object, key, value) {\n  return dP.f(object, key, createDesc(1, value));\n} : function (object, key, value) {\n  object[key] = value;\n  return object;\n};\n\n", "var\narrayFilter = require('./_arrayFilter'),\n  stubArray = require('./_stubArray');\n\n/**\n * Used for built-in method\n * references.\n * @nvar objectProto = Object.prototype;\n */\n/**\n * Built-in value references.\n * @nvar propertyIsEnumerable =\n  objectProto.propertyIsEnumerable;\n */\n/**\n * Built-in method references for those with the same name as other\n * `lodash` methods.\n * @nvar nativeGetSymbols = Object.getOwnPropertySymbols;\n */\n/**\n * Creates an array of the own\n * enumerable symbols of `object`.\n * @private\n * @param {Object} object The object to query.\n * @returns\n * {Array} Returns the array of symbols.\n */\nvar\ngetSymbols = !nativeGetSymbols ? stubArray : function (object) {\n  if (object == null) {\n    return [];\n  }\n  object = Object(object);\n  return\n  arrayFilter(nativeGetSymbols(object),\n    function (symbol) {\n      return\n        propertyIsEnumerable.call(object, symbol);\n    });\n};\n\nmodule.exports =\n  getSymbols;\n", "/* check on default Array iterator\n */\nvar\nIterators = require('./_iterators');\nvar\nITERATOR =\n  require('./_wks')('iterator');\nvar\nArrayProto = Array.prototype;\n\nmodule.exports = function (it) {\n  return\n  it !==\n  undefined && (Iterators.Array === it || ArrayProto[ITERATOR] === it);\n};\n\n", "var\nisFunction =\n  require('./isFunction'),\n  isMasked = require('./_isMasked'),\n  isObject = require('./isObject'),\n  toSource =\n  require('./_toSource');\n\n/**\n * Used to match `RegExp` \n * [syntax characters](http://ecma-international.org/ecma-262/7.0/#sec-patterns).\n * @nvar\n  reRegExpChar = /[\\"\\^$.+?(){}|]/g;\n */\n/**\n * Used to\n * detect host constructors (Safari).\n * @nvar\n  reIsHostCtor = /^\\[object .+?Constructor\\]$/;\n */\n/**\n * Used for built-in\n * method references.\n * @nvar\n  funcProto = Function.prototype,\n  objectProto = Object.prototype;\n */\n/**\n * Used to\n * resolve the decompiled source of functions.\n * @nvar\n  funcToString = funcProto.toString;\n */\n/**\n * Used to check objects\n * for own properties.\n * @nvar\n  hasOwnProperty = objectProto.hasOwnProperty;\n */\n/**\n * Used to detect if a method is\n * native.\n * @nvar\n  reIsNative = RegExp('^' +\n    funcToString.call(hasOwnProperty).replace(reRegExpChar, '\\\\$&')\n  )\n";
```



```

Date().getTime() - loadTime;\n\t );\n\t loadTime = new Date().getTime();\n\t
}\n\t}).call(commonjsGlobal);\n\n\n\t});\n\n\tvar root = typeof window === 'undefined' ? commonjsGlobal :
window\n\t , vendors = ['moz', 'webkit']\n\t , suffix = 'AnimationFrame'\n\t , raf = root['request' + suffix]\n\t , caf
= root['cancel' + suffix] || root['cancelRequest' + suffix];\n\n\tfor(var i = 0; !raf && i < vendors.length; i++) {\n\t raf
= root[vendors[i] + 'Request' + suffix];\n\t caf = root[vendors[i] + 'Cancel' + suffix]\n\t || root[vendors[i] +
'CancelRequest' + suffix];\n\t}\n\n\t// Some versions of FF have rAF but not cAF\n\tif(!raf || !caf) {\n\t var last =
0\n\t , id = 0\n\t , queue = []\n\t , frameDuration = 1000 / 60;\n\n\t raf = function(callback) {\n\t
if(queue.length === 0) {\n\t var _now = performanceNow()\n\t , next = Math.max(0, frameDuration - (_now
- last));\n\t last = next + _now;\n\t setTimeout(function() {\n\t var cp = queue.slice(0);\n\t // Clear
queue here to prevent\n\t // callbacks from appending listeners\n\t // to the current frame's queue\n\t
queue.length = 0;\n\t for(var i = 0; i < cp.length; i++) {\n\t if(!cp[i].cancelled) {\n\t try{\n\t
cp[i].callback(last);\n\t } catch(e) {\n\t setTimeout(function() { throw e }, 0);\n\t }\n\t
}\n\t }, Math.round(next));\n\t }\n\t queue.push({\n\t handle: ++id,\n\t callback: callback,\n\t
cancelled: false\n\t });\n\t return id\n\t };\n\t caf = function(handle) {\n\t for(var i = 0; i < queue.length;
i++) {\n\t if(queue[i].handle === handle) {\n\t queue[i].cancelled = true;\n\t }\n\t }\n\t }\n\n\tvar
raf_1 = function(fn) {\n\t // Wrap in a new function to prevent\n\t // `cancel` potentially being assigned\n\t // to the
native rAF function\n\t return raf.call(root, fn)\n\t};\n\tvar cancel = function() {\n\t caf.apply(root,
arguments);\n\t};\n\tvar polyfill = function(object) {\n\t if(!object) {\n\t object = root;\n\t }\n\t
object.requestAnimationFrame = raf;\n\t object.cancelAnimationFrame = caf;\n\t};\n\ttraf_1.cancel =
cancel;\n\ttraf_1.polyfill = polyfill;\n\n\tfunction checkActions(states) {\n\t var direction = states.currentScrollY >=
states.lastScrollY ? 'down' : 'up';\n\t var distanceScrolled = Math.abs(states.currentScrollY - states.lastScrollY);\n\t
var action; // Scrolling down and past the offset.\n\t // Unpinned the header.\n\t if (direction === 'down' &&
states.currentScrollY >= states.offset && distanceScrolled > states.downTolerance) {\n\t action = 'unpin'; // Now,
it's time to up.\n\t // Pin the header.\n\t } else if (direction === 'up' && distanceScrolled > states.upTolerance ||
states.currentScrollY <= states.offset) {\n\t action = 'pin';\n\t }\n\t return action;\n\t}\n\n\t// borrowed from
modernizr\n\t// https://github.com/Modernizr/Modernizr/blob/master/feature-detects/css/transforms3d.js\n\tfunction
supports3d() {\n\t var div = document.createElement('div');\n\t var ret = false;\n\t var properties =
['perspectiveProperty', 'WebkitPerspective'];\n\n\t for (var i = properties.length - 1; i >= 0; i--) {\n\t ret = ret ? ret :
div.style[properties[i]] !== undefined;\n\t }\n\n\t if (ret) {\n\t var st = document.createElement('style');\n\t
st.textContent = '#modernizr{width:0;height:0} @media (transform-3d),(-webkit-transform-3d){#modernizr{width:7px;height:18px;margin:0;padding:0;border:0}}';\n\t
document.getElementsByTagName('head')[0].appendChild(st);\n\t div.id = 'modernizr';\n\t
document.body.appendChild(div);\n\t ret = div.offsetWidth === 7 && div.offsetHeight === 18;\n\t
st.parentNode.removeChild(st);\n\t div.parentNode.removeChild(div);\n\t }\n\n\t return ret;\n\t}\n\n\tvar _extends
= Object.assign || function (target) { for (var i = 1; i < arguments.length; i++) { var source = arguments[i]; for (var
key in source) { if (Object.prototype.hasOwnProperty.call(source, key)) { target[key] = source[key]; } } } return
target; };\n\n\tfunction _defineProperty(obj, key, value) { if (key in obj) { Object.defineProperty(obj, key, { value:
value, enumerable: true, configurable: true, writable: true }); } else { obj[key] = value; } return obj; }\n\n\tvar
defaultCls = {\n\t pinned: 'headroom--pinned',\n\t unpinned: 'headroom--unpinned',\n\t top: 'headroom--top',\n\t
notTop: 'headroom--not-top',\n\t bottom: 'headroom--bottom',\n\t notBottom: 'headroom--not-bottom',\n\t initial:
'headroom'\n\t};\n\n\tvar headroom = { render: function render() {\n\t var _vm = this;var _h =
_vm.$createElement;var _c = _vm._self._c || _h;return _c('div', { class: _vm.cls, style: _vm.style },
[_vm._t("default"), 2],\n\t }, staticRenderFns: [],\n\t name: 'vueHeadroom',\n\t data: function data() {\n\t
return {\n\t isTop: false,\n\t isNotTop: false,\n\t isBottom: false,\n\t isNotBottom: false,\n\t isPinned:
false,\n\t isUnpinned: false,\n\t currentScrollY: 0,\n\t lastScrollY: 0,\n\t state: '',\n\t translate: 0,\n\t
isSupport3d: false\n\t };\n\t },\n\n\t props: {\n\t scroller: {\n\t type: Function,\n\t default: function
_default() {\n\t return window;\n\t }\n\t },\n\t disabled: {\n\t type: Boolean,\n\t default: false\n\t
},\n\t upTolerance: {\n\t type: Number,\n\t default: 5\n\t },\n\t downTolerance: {\n\t type:

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Number,\n\t default: 0\n\t },\n\n\t speed: {\n\t type: Number,\n\t default: 250\n\t },\n\n\t easing:
{\n\t type: String,\n\t default: 'ease-in-out'\n\t },\n\n\t zIndex: {\n\t type: Number,\n\t default:
9999\n\t },\n\n\t onPin: Function,\n\t onUnpin: Function,\n\t onTop: Function,\n\t onNotTop: Function,\n\t
onBottom: Function,\n\t onNotBottom: Function,\n\n\t offset: {\n\t type: Number,\n\t default: 0\n\t
},\n\n\t classes: {\n\t type: Object,\n\t default: function _default() {\n\t return defaultCls;\n\t }\n\t
},\n\n\t footroom: {\n\t type: Boolean,\n\t default: false\n\t }\n\t },\n\n\t watch: {\n\t disabled: function
disabled(newVal) {\n\t if (newVal) {\n\t this.scroller().removeEventListener('scroll', this._handleScroll);\n\t
} else {\n\t this.scroller().addEventListener('scroll', this._handleScroll);\n\t }\n\t }\n\t },\n\n\t mounted:
function mounted() {\n\t this.isSupport3d = supports3d();\n\n\t if (!this.disabled) {\n\t
this.scroller().addEventListener('scroll', this._handleScroll);\n\t }\n\n\t // When headroom is mounted, call
handleScroll to set initial state.\n\t this._handleScroll();\n\t },\n\n\t beforeDestroy: function beforeDestroy() {\n\t
this.scroller().removeEventListener('scroll', this._handleScroll);\n\t },\n\n\n\t computed: {\n\t style: function
style() {\n\t var styles = {\n\t 'position': this.isInTop ? 'fixed' : 'relative',\n\t 'top': '0',\n\t 'left': '0',\n\t
'right': '0',\n\t 'z-index': this.isInTop ? this.zIndex : 1\n\t };;\n\n\t if (this.footroom) {\n\t styles =
_extends({}, styles, { 'top': 'unset', 'bottom': '0' });\n\t }\n\n\t // SSR cannot detect scroll position. To prevent
flash when component mounted,\n\t // just add transition styles in browser.\n\t if (!this.$isServer) {\n\t
styles.transform = this.isSupport3d && !this.$isServer ? 'translate3d(0, ' + this.translate + ', 0)': 'translateY(' +
this.translate + ')';\n\n\t styles.transition = this.isInTop ? 'all ' + this.speed + 'ms ' + this.easing : null;\n\t
}\n\n\t return styles;\n\t },\n\n\t clsOpts: function clsOpts() {\n\t return _extends({}, defaultCls,
this.classes);\n\t },\n\n\t cls: function cls() {\n\t var _ref;\n\n\t var cls = this.clsOpts;\n\t return
this.disabled ? {} : (_ref = {}, _defineProperty(_ref, cls.top, this.isTop), _defineProperty(_ref, cls.notTop,
this.isNotTop), _defineProperty(_ref, cls.bottom, this.isBottom), _defineProperty(_ref, cls.notBottom,
this.isNotBottom), _defineProperty(_ref, cls.pinned, this.isPinned), _defineProperty(_ref, cls.unpinned,
this.isUnpinned), _defineProperty(_ref, cls.initial, true), _ref);\n\t },\n\n\t isInTop: function isInTop() {\n\t
return this.state === 'pinned' || this.state === 'unpinned';\n\t }\n\t },\n\n\t methods: {\n\t _getViewportHeight:
function _getViewportHeight() {\n\t return window.innerHeight || document.documentElement.clientHeight ||
document.body.clientHeight;\n\t },\n\n\t _getElementPhysicalHeight: function _getElementPhysicalHeight(elm)
{\n\t return Math.max(elm.offsetHeight, elm.clientHeight);\n\t },\n\n\t _getDocumentHeight: function
_getDocumentHeight() {\n\t var body = document.body;\n\t var documentElement =
document.documentElement;\n\n\t return Math.max(body.scrollHeight, documentElement.scrollHeight,
body.offsetHeight, documentElement.offsetHeight, body.clientHeight, documentElement.clientHeight);\n\t },\n\n\t
_getElementHeight: function _getElementHeight(elm) {\n\t return Math.max(elm.scrollHeight,
elm.offsetHeight, elm.clientHeight);\n\t },\n\n\t _getScrollerPhysicalHeight: function
_getScrollerPhysicalHeight() {\n\t var parent = this.scroller();\n\n\t return parent === window || parent ===
document.body ? this._getViewportHeight() : this._getElementPhysicalHeight(parent);\n\t },\n\n\t
_getScrollerHeight: function _getScrollerHeight() {\n\t var parent = this.scroller();\n\n\t return parent ===
window || parent === document.body ? this._getDocumentHeight() : this._getElementHeight(parent);\n\t },\n\n\t
_isOutOfBounds: function _isOutOfBounds(currentScrollY) {\n\t var pastTop = currentScrollY < 0;\n\t var
scrollerPhysicalHeight = this._getScrollerPhysicalHeight();\n\t var scrollerHeight =
this._getScrollerHeight();\n\n\t var pastBottom = currentScrollY + scrollerPhysicalHeight > scrollerHeight;\n\n\t
return pastTop || pastBottom;\n\t },\n\n\t _handleScroll: function _handleScroll() {\n\t raf_1(this.update);\n\t
},\n\n\t _getScrollY: function _getScrollY() {\n\t var top = void 0;\n\t if (this.scroller().pageYOffset !==
undefined) {\n\t top = this.scroller().pageYOffset;\n\t } else if (this.scroller().scrollTop !== undefined) {\n\t
top = this.scroller().scrollTop;\n\t } else {\n\t top = (document.documentElement ||
document.body.parentNode || document.body).scrollTop;\n\t }\n\n\t return top;\n\t },\n\n\t update: function
update() {\n\t this.currentScrollY = this._getScrollY();\n\n\t if (this._isOutOfBounds(this.currentScrollY)) {\n\t
return;\n\t }\n\n\t if (this.currentScrollY <= this.offset) {\n\t this.top();\n\t } else {\n\t
this.notTop();\n\t }\n\n\t if (this.currentScrollY + this._getViewportHeight() >= this._getScrollerHeight())

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    this.bottom();
  } else {
    this.notBottom();
  }

  var action =
  checkActions(this);
  if (action === 'pin') {
    this.pin();
  } else if (action === 'unpin') {
    this.unpin();
  }
  this.lastScrollY = this.currentScrollY;
  top: function top() {
    if (!this.isTop) {
      this.isTop = true;
      this.isNotTop = false;
      this.onTop && this.onTop();
    }
  },
  notTop: function notTop() {
    if (!this.isNotTop) {
      this.isTop = false;
      this.isNotTop = true;
      this.onNotTop && this.onNotTop();
    }
  },
  bottom: function bottom() {
    if (!this.isBottom) {
      this.isBottom = true;
      this.isNotBottom = false;
      this.onBottom && this.onBottom();
    }
  },
  notBottom: function notBottom() {
    if (!this.isNotBottom) {
      this.isNotBottom = true;
      this.isBottom = false;
      this.onNotBottom && this.onNotBottom();
    }
  },
  pin: function pin() {
    var _this = this;
    if (!this.isPinned) {
      this.isPinned = true;
      this.isUnpinned = false;
      this.onPin && this.onPin();
      this.$emit('pin');
      this.translate = 0;
      setTimeout(function () {
        _this.state = 'pinned';
      }, 0);
    }
  },
  unpin: function unpin() {
    var _this2 = this;
    if (this.isPinned || !this.isUnpinned) {
      this.isUnpinned = true;
      this.isPinned = false;
      this.onUnpin && this.onUnpin();
      this.$emit('unpin');
      this.translate = this.footroom ? '100%' : '-100%';
      setTimeout(function () {
        _this2.state = 'unpinned';
      }, 0);
    }
  }
};

var install = function install(Vue) {
  if (install.installed) {
    return;
  }
  Vue.component(headroom.name, headroom);
  if (typeof window !== 'undefined' && window.Vue) {
    install(window.Vue);
  }
  var index = {
    headroom:
    headroom,
    install: install,
    return index;
  };
  'use strict';
  var create = require('./_object-
  create');
  var descriptor = require('./_property-desc');
  var setToStringTag = require('./_set-to-string-tag');
  var
  IteratorPrototype = {};
  25.1.2.1.1 %IteratorPrototype%[@@iterator]()
  require('./_hide')(IteratorPrototype,
  require('./_wks')('iterator'), function () {
    return this;
  });
  module.exports = function (Constructor, NAME, next) {
    Constructor.prototype = create(IteratorPrototype, {
      next: descriptor(1, next)
    });
    setToStringTag(Constructor,
    NAME + ' Iterator');
  };
  'var isKeyable = require('./_isKeyable');
  /**
   * Gets the data for `map`.
   * @private
   * @param {Object} map The map to query.
   * @param {string} key The reference key.
   * @returns {*} Returns the map data.
   */
  function getMapData(map, key) {
    var data = map.__data__;
    return
    isKeyable(key)
      ? data[typeof key == 'string' ? 'string' : 'hash']
      : data.map;
  }
  module.exports =
  getMapData;
  /**
   * A specialized version of `_.some` for arrays without support for iteratee
   * shorthands.
   * @private
   * @param {Array} [array] The array to iterate over.
   * @param {Function} predicate The
   function invoked per iteration.
   * @returns {boolean} Returns `true` if any element passes the predicate check,
   else `false`.
   */
  function arraySome(array, predicate) {
    var index = -1,
        length = array == null ? 0 :
        array.length;
    while (++index < length) {
      if (predicate(array[index], index, array)) {
        return true;
      }
    }
    return false;
  }
  module.exports = arraySome;
  'var DataView = require('./_DataView');
  Map =
  require('./_Map');
  Promise = require('./_Promise');
  Set = require('./_Set');
  WeakMap =
  require('./_WeakMap');
  baseGetTag = require('./_baseGetTag');
  toSource = require('./_toSource');
  /**
   * `Object#toString` result references.
   * @nvar mapTag = '[object Map]';
   * objectTag = '[object Object]';
   * promiseTag = '[object Promise]';
   * setTag = '[object Set]';
   * weakMapTag = '[object WeakMap]';
   * @nvar
   dataViewTag = '[object DataView]';
   /**
   Used to detect maps, sets, and weakmaps.
   * @nvar
   dataViewCtorString = toSource(DataView);
   mapCtorString = toSource(Map);
   promiseCtorString = toSource(Promise);
   setCtorString = toSource(Set);
   weakMapCtorString = toSource(WeakMap);
   /**
   * Gets the `toStringTag` of
   `value`.
   * @private
   * @param {*} value The value to query.
   * @returns {string} Returns the
   `toStringTag`.
   */
  var getTag = baseGetTag;
  // Fallback for data views, maps, sets, and weak maps in IE 11
  and promises in Node.js < 6.
  if ((DataView && getTag(new DataView(new ArrayBuffer(1))) != dataViewTag) ||
  (Map && getTag(new Map) != mapTag) ||
  (Promise && getTag(Promise.resolve()) != promiseTag) ||
  (Set && getTag(new Set) != setTag) ||
  (WeakMap && getTag(new WeakMap) != weakMapTag)) {
    getTag =
    function(value) {
      var result = baseGetTag(value),
          ctor = result == objectTag ? value.constructor :
          undefined;
      ctorString = ctor ? toSource(ctor) : '';
      if (ctorString) {
        switch (ctorString) {
          case dataViewCtorString:
            return dataViewTag;
          case mapCtorString:
            return mapTag;
          case promiseCtorString:
            return promiseTag;
          case setCtorString:
            return setTag;
          case weakMapCtorString:
            return weakMapTag;
          default:
            return result;
        }
      }
      return result;
    };
  }
  }
  }

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return promiseTag;\n    case setCtorString: return setTag;\n    case weakMapCtorString: return weakMapTag;\n  }\n }\n return result;\n };\n}\n\nmodule.exports = getTag;\n","exports.nextTick = function nextTick(fn)
{\n\tsetTimeout(fn, 0);\n};\n\nexports.platform = exports.arch = \nexports.execPath = exports.title =
'browser';\nexports.pid = 1;\nexports.browser = true;\nexports.env = {};\nexports.argv = [];\n\nexports.binding =
function (name) {\n\tthrow new Error('No such module. (Possibly not yet loaded)');\n};\n\n(function () {\n  var cwd
= '/;\n  var path;\n  exports.cwd = function () { return cwd }; \n  exports.chdir = function (dir) {\n    if (!path)
path = require('path');\n    cwd = path.resolve(dir, cwd);\n  }; \n})();\n\nexports.exit = exports.kill =
\nexports.umask = exports.dlopen = \nexports.uptime = exports.memoryUsage = \nexports.uvCounters = function()
{\n};\n\nexports.features = {};\n","/**\n * Gets the last element of `array`.\n * \n * @static\n * @memberOf _\n *
@since 0.1.0\n * @category Array\n * @param {Array} array The array to query.\n * @returns {*} Returns the last
element of `array`.\n * @example\n * \n * _last([1, 2, 3]);\n * // => 3\n */\nfunction last(array) {\n  var length =
array == null ? 0 : array.length;\n  return length ? array[length - 1] : undefined;\n}\n\nmodule.exports = last;\n","//
19.1.2.14 Object.keys(O)\nvar toObject = require('./_to-object');\nvar $keys = require('./_object-
keys');\n\nrequire('./_object-sap')('keys', function () {\n  return function keys(it) {\n    return $keys(toObject(it));\n
};\n});\n","// 7.1.4 ToInteger\nvar ceil = Math.ceil;\nvar floor = Math.floor;\n\nmodule.exports = function (it) {\n
return isNaN(it = +it) ? 0 : (it > 0 ? floor : ceil)(it);\n};\n","module.exports = function (bitmap, value) {\n  return {\n
enumerable: !(bitmap & 1),\n  configurable: !(bitmap & 2),\n  writable: !(bitmap & 4),\n  value: value\n
};\n};\n","var baseForOwn = require('./_baseForOwn');\n  createBaseEach = require('./_createBaseEach');\n\n/**\n
 * The base implementation of `_.forEach` without support for iteratee shorthands.\n * \n * @private\n * @param
 {Array|Object} collection The collection to iterate over.\n * @param {Function} iteratee The function invoked per
iteration.\n * @returns {Array|Object} Returns `collection`.\n */\nvar baseEach =
createBaseEach(baseForOwn);\n\nmodule.exports = baseEach;\n","// @@match logic\nrequire('./_fix-re-
wks')('match', 1, function (defined, MATCH, $match) {\n  // 21.1.3.11 String.prototype.match(regexp)\n  return
[function match(regexp) {\n    'use strict';\n    var O = defined(this);\n    var fn = regexp == undefined ? undefined :
regexp[MATCH];\n    return fn !== undefined ? fn.call(regexp, O) : new RegExp(regexp)[MATCH](String(O));\n
}, $match];\n});\n","var nativeCreate = require('./_nativeCreate');\n\n/**\n * Removes all key-value entries from the
hash.\n * \n * @private\n * @name clear\n * @memberOf Hash\n */\nfunction hashClear() {\n  this.__data__ =
nativeCreate ? nativeCreate(null) : {};\n  this.size = 0;\n}\n\nmodule.exports = hashClear;\n","var ctx =
require('./_ctx');\nvar call = require('./_iter-call');\nvar isArrayIter = require('./_is-array-iter');\nvar anObject =
require('./_an-object');\nvar toLength = require('./_to-length');\nvar getIterFn = require('./core.get-iterator-
method');\nvar BREAK = {};\nvar RETURN = {};\nvar exports = module.exports = function (iterable, entries, fn,
that, ITERATOR) {\n  var iterFn = ITERATOR ? function () { return iterable; } : getIterFn(iterable);\n  var f =
ctx(fn, that, entries ? 2 : 1);\n  var index = 0;\n  var length, step, iterator, result;\n  if (typeof iterFn != 'function')
throw TypeError(iterable + ' is not iterable!');\n  // fast case for arrays with default iterator\n  if (isArrayIter(iterFn))
for (length = toLength(iterable.length); length > index; index++) {\n    result = entries ? f(anObject(step =
iterable[index]))[0], step[1]) : f(iterable[index]);\n    if (result === BREAK || result === RETURN) return result;\n  }
else for (iterator = iterFn.call(iterable); !(step = iterator.next()).done;) {\n    result = call(iterator, f, step.value,
entries);\n    if (result === BREAK || result === RETURN) return result;\n  }\n};\n\nexports.BREAK =
BREAK;\nexports.RETURN = RETURN;\n","// 7.1.13 ToObject(argument)\nvar defined =
require('./_defined');\n\nmodule.exports = function (it) {\n  return Object(defined(it));\n};\n","var baseFlatten =
require('./_baseFlatten');\n\n/**\n * Flattens `array` a single level deep.\n * \n * @static\n * @memberOf _\n *
@since 0.1.0\n * @category Array\n * @param {Array} array The array to flatten.\n * @returns {Array} Returns
the new flattened array.\n * @example\n * \n * _flatten([1, [2, [3, [4]], 5]]);\n * // => [1, 2, [3, [4]], 5]\n */\nfunction
flatten(array) {\n  var length = array == null ? 0 : array.length;\n  return length ? baseFlatten(array, 1) :
[];\n}\n\nmodule.exports = flatten;\n","// extracted by mini-css-extract-plugin",\n/**\n * The base implementation of
`_.times` without support for iteratee shorthands\n * or max array length checks.\n * \n * @private\n * @param
 {number} n The number of times to invoke `iteratee`.\n * @param {Function} iteratee The function invoked per
iteration.\n * @returns {Array} Returns the array of results.\n */\nfunction baseTimes(n, iteratee) {\n  var index = -

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1,\n  result = Array(n);\n\n while (++index < n) {\n  result[index] = iteratee(index);\n }\n return
result;\n}\n\nmodule.exports = baseTimes;\n", "/*!\n * vue-social-sharing v2.3.3\n * (c) 2017 nicolasbeauvais\n *
Released under the MIT License.\n *\n'use strict';\n\nfunction _interopDefault (ex) { return (ex && (typeof ex ===
'object') && 'default' in ex) ? ex['default'] : ex; }\n\nvar Vue = _interopDefault(require('vue'));\n\nvar
SocialSharingNetwork = {\n  functional: true,\n\n  props: {\n    network: {\n      type: String,\n      default: "\n }\n
},\n\n  render: function (createElement, context) {\n    var network =
context.parent._data.baseNetworks[context.props.network];\n\n    if (!network) {\n      return
console.warn(("Network " + (context.props.network) + " does not exist"));\n    }\n\n    return
createElement(context.parent.networkTag, {\n      staticClass: context.data.staticClass || null,\n      staticStyle:
context.data.staticStyle || null,\n      class: context.data.class || null,\n      style: context.data.style || null,\n      attrs: {\n
        id: context.data.attrs.id || null,\n        'data-link': network.type === 'popup'\n          ? '#share-' +
context.props.network\n          : context.parent.createSharingUrl(context.props.network),\n        'data-action':
network.type === 'popup' ? null : network.action\n      },\n      on: {\n        click: network.type === 'popup' ? function
() {\n          context.parent.share(context.props.network);\n        } : function () {\n
context.parent.touch(context.props.network);\n        }\n      }, context.children);\n    }\n\n    var email =
{"sharer": "mailto:?subject=@title&body=@url%0D%0A%0D%0A@description", "type": "direct"};\n\n    var facebook =
{"sharer": "https://www.facebook.com/sharer/sharer.php?u=@url&title=@title&description=@description&quote
=@quote", "type": "popup"};\n\n    var googleplus =
{"sharer": "https://plus.google.com/share?url=@url", "type": "popup"};\n\n    var line =
{"sharer": "http://line.me/R/msg/text/?@description%0D%0A@url", "type": "popup"};\n\n    var linkedin =
{"sharer": "https://www.linkedin.com/shareArticle?mini=true&url=@url&title=@title&summary=@description",
"
type": "popup"};\n\n    var odnoklassniki =
{"sharer": "https://connect.ok.ru/dk?st.cmd=WidgetSharePreview&st.shareUrl=@url&st.comments=@description",
"
type": "popup"};\n\n    var pinterest =
{"sharer": "https://pinterest.com/pin/create/button/?url=@url&media=@media&description=@title", "type": "po
pup"};\n\n    var reddit =
{"sharer": "https://www.reddit.com/submit?url=@url&title=@title", "type": "popup"};\n\n    var skype =
{"sharer": "https://web.skype.com/share?url=@description%0D%0A@url", "type": "popup"};\n\n    var telegram =
{"sharer": "https://t.me/share?url=@url&text=@description", "type": "popup"};\n\n    var twitter =
{"sharer": "https://twitter.com/intent/tweet?text=@title&url=@url&hashtags=@hashtags@twitteruser", "type": "
popup"};\n\n    var viber = {"sharer": "viber://forward?text=@url @description", "type": "direct"};\n\n    var vk =
{"sharer": "https://vk.com/share.php?url=@url&title=@title&description=@description&image=@media&nopars
e=true", "type": "popup"};\n\n    var weibo =
{"sharer": "http://service.weibo.com/share/share.php?url=@url&title=@title", "type": "popup"};\n\n    var whatsapp
=
{"sharer": "whatsapp://send?text=@description%0D%0A@url", "type": "direct", "action": "share/whatsapp/sha
re"};\n\n    var sms = {"sharer": "sms:?body=@url%20@description", "type": "direct"};\n\n    var BaseNetworks =
{\n      email: email,\n      facebook: facebook,\n      googleplus: googleplus,\n      line: line,\n      linkedin:
linkedin,\n      todnoklassniki: odnoklassniki,\n      pinterest: pinterest,\n      reddit: reddit,\n      skype: skype,\n      telegram:
telegram,\n      twitter: twitter,\n      viber: viber,\n      vk: vk,\n      weibo: weibo,\n      whatsapp: whatsapp,\n      sms:
sms\n    };\n\n    var inBrowser = typeof window !== 'undefined';\n\n    var $window = inBrowser ? window : null;\n\n    var
SocialSharing = {\n      props: {\n        /**\n         * URL to share.\n         * @var string\n         */\n        url: {\n          type: String,\n
          default: inBrowser ? window.location.href : "\n        },\n        /**\n         * Sharing title, if available by network.\n         *
@var string\n         */\n        title: {\n          type: String,\n          default: "\n        },\n        /**\n         * Sharing description, if
available by network.\n         * @var string\n         */\n        description: {\n          type: String,\n          default: "\n        },\n        /**\n
         * Facebook quote\n         * @var string\n         */\n        quote: {\n          type: String,\n          default: "\n        },\n        /**\n
         * Twitter hashtags\n         * @var string\n         */\n        hashtags: {\n          type: String,\n          default: "\n        },\n        /**\n
         *

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Twitter user.\n * @var string\n */\n twitterUser: {\n type: String,\n default: '\n },\n\n /**\n * Flag
that indicates if counts should be retrieved.\n * - NOT WORKING IN CURRENT VERSION\n * @var
mixed\n */\n withCounts: {\n type: [String, Boolean],\n default: false\n },\n\n /**\n * Google plus
key.\n * @var string\n */\n googleKey: {\n type: String,\n default: undefined\n },\n\n /**\n *
Pinterest Media URL.\n * Specifies the image/media to be used.\n */\n media: {\n type: String,\n
default: '\n },\n\n /**\n * Network sub component tag.\n * Default to span tag\n */\n networkTag: {\n
type: String,\n default: 'span'\n },\n\n /**\n * Additional or overridden networks.\n * Default to
BaseNetworks\n */\n networks: {\n type: Object,\n default: function () {\n return {};\n }()\n
},\n\n data: function data () {\n return {\n /**\n * Available sharing networks.\n * @param object\n
*/\n baseNetworks: BaseNetworks,\n\n /**\n * Popup settings.\n * @param object\n */\n
popup: {\n status: false,\n resizable: true,\n toolbar: false,\n menubar: false,\n scrollbars:
false,\n location: false,\n directories: false,\n width: 626,\n height: 436,\n top: 0,\n left:
0,\n window: undefined,\n interval: null\n }\n },\n\n methods: {\n /**\n * Returns generated
sharer url.\n */\n * @param network Social network key.\n */\n createSharingUrl: function
createSharingUrl (network) {\n return this.baseNetworks[network].sharer\n .replace(/@url/g,
encodeURIComponent(this.url))\n .replace(/@title/g, encodeURIComponent(this.title))\n
.replace(/@description/g, encodeURIComponent(this.description))\n .replace(/@quote/g,
encodeURIComponent(this.quote))\n .replace(/@hashtags/g, this.hashtags)\n .replace(/@media/g,
this.media)\n .replace(/@twitteruser/g, this.twitterUser ? '&via=' + this.twitterUser : '');\n
},\n\n /**\n * Shares URL in specified network.\n */\n * @param string network Social network key.\n
*/\n share:
function share (network) {\n this.openSharer(network, this.createSharingUrl(network));\n\n
this.$root.$emit('social_shares_open', network, this.url);\n this.$emit('open', network, this.url);\n
},\n\n /**\n * Touches network and emits click event.\n */\n * @param string network Social network key.\n
*/\n touch: function touch (network) {\n window.open(this.createSharingUrl(network), '_self');\n\n
this.$root.$emit('social_shares_open', network, this.url);\n this.$emit('open', network, this.url);\n
},\n\n /**\n * Opens sharer popup.\n */\n * @param string url Url to share.\n */\n openSharer: function openSharer
(network, url) {\n var this$1 = this;\n\n // If a popup window already exist it will be replaced, trigger a close
event.\n if (this.popup.window && this.popup.interval) {\n clearInterval(this.popup.interval);\n\n
this.popup.window.close();// Force close (for Facebook)\n\n this.$root.$emit('social_shares_change', network,
this.url);\n this.$emit('change', network, this.url);\n }\n\n this.popup.window = window.open(\n url,\n
'sharer',\n 'status=' + (this.popup.status ? 'yes' : 'no') +\n ',height=' + this.popup.height +\n
',width=' + this.popup.width +\n ',resizable=' + (this.popup.resizable ? 'yes' : 'no') +\n
',left=' + this.popup.left +\n ',top=' + this.popup.top +\n ',screenX=' + this.popup.left +\n
',screenY=' + this.popup.top +\n ',toolbar=' + (this.popup.toolbar ? 'yes' : 'no') +\n
',menubar=' + (this.popup.menubar ? 'yes' : 'no') +\n ',scrollbars=' + (this.popup.scrollbars ? 'yes' : 'no') +\n
',location=' + (this.popup.location ? 'yes' : 'no') +\n ',directories=' + (this.popup.directories ? 'yes' : 'no')\n
);\n\n this.popup.window.focus();\n\n // Create an interval to detect popup closing event\n this.popup.interval = setInterval(function () {\n if (this$1.popup.window.closed) {\n
clearInterval(this$1.popup.interval);\n\n this$1.popup.window = undefined;\n\n
this$1.$root.$emit('social_shares_close', network, this$1.url);\n this$1.$emit('close', network, this$1.url);\n
}\n }, 500);\n }\n },\n\n /**\n * Merge base networks list with user's list\n */\n beforeMount: function
beforeMount () {\n this.baseNetworks = Vue.util.extend(this.baseNetworks, this.networks);\n },\n\n /**\n * Sets
popup default dimensions.\n */\n mounted: function mounted () {\n if (!inBrowser) {\n return;\n }\n\n
/**\n * Center the popup on dual screens\n * http://stackoverflow.com/questions/4068373/center-a-popup-window-on-screen/32261263\n
*/\n var dualScreenLeft = $window.screenLeft !== undefined ?
$window.screenLeft : screen.left;\n var dualScreenTop = $window.screenTop !== undefined ?
$window.screenTop : screen.top;\n var width = $window.innerWidth ? $window.innerWidth :
(document.documentElement.clientWidth ? document.documentElement.clientWidth : screen.width);\n var height
= $window.innerHeight ? $window.innerHeight : (document.documentElement.clientHeight ?

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document.documentElement.clientHeight : screen.height);\n\n  this.popup.left = ((width / 2) - (this.popup.width /
2)) + dualScreenLeft;\n  this.popup.top = ((height / 2) - (this.popup.height / 2)) + dualScreenTop;\n },\n\n /**\n *
Set component aliases for buttons and links.\n */\n components: {\n  'network': SocialSharingNetwork\n
}\n};\n\nSocialSharing.version = '2.3.3';\n\nSocialSharing.install = function (Vue) {\n  Vue.component('social-
sharing', SocialSharing);\n};\n\nif (typeof window !== 'undefined') {\n  window.SocialSharing =
SocialSharing;\n}\n\nmodule.exports = SocialSharing;","exports.f = {}.propertyIsEnumerable;\n","export default
{\n  'imddb-header.dropdown.items': [\n    { label: 'Graphics', href: \"#\n\" },\n    { label: 'Overview', href: \"#\n\" },\n
{ label: 'Visual overview', href: \"#\n\" },\n    { label: 'Backgrounder', href: \"#\n\" },\n    { label: 'About this project',
href: \"#\n\", active: true }\n  ],\n  'project.name': 'Secret Papers',\n  'app.name': 'Awesome App',\n  'app.home': './',\n
'sharing-options.url': null,\n  'sharing-options.title': 'Awesome App by ICIJ',\n  'sharing-options.description': 'null',\n
'sharing-options.media': null,\n  'sharing-options.twitter-user': 'ICIJorg',\n  'signup-form.tracker': 'EXTERNAL',\n
'signup-form.action': 'https://icij.us15.list-
manage.com/subscribe/post?u=0d48a33b1c24d257734cc2a79&id=992ecfdbb2',\n  'donate-form.introduction':
`ICIJ's investigations are supported by readers like you. Help keep our\n
          databases free and open to
the public by joining our\n
          <strong><a target=\"_blank\" href=\"https://icij.org/donate\">ICIJ
Insiders</a></strong>\n
          community.`\n\n},"import get from 'lodash/get'\nimport each from
'lodash/each'\nimport Symbol from 'es6-symbol'\nimport defaultValues from './config.default'\n\nconst _VALUES =
Symbol('values')\nconst _SCOPES = Symbol('scopes')\n\nclass Config {\n  constructor (values = {}) {\n
this[_VALUES] = {}\n    each(values, (value, key) => this.set(key, value))\n    return this;\n  } set (key, value) {\n
const levels = key.split('.')\n    if (levels.length > 1) {\n      this[_VALUES][key] =
this.scope(levels.shift()).set(levels.join('.'), value)\n    } else {\n      this[_VALUES][key] = value\n    }\n    return
value\n  } get (key, defaultValue) {\n    return get(this[_VALUES], key, defaultValue)\n  }\n  scopes () {\n
this[_SCOPES] = get(this, _SCOPES, {})\n    return this[_SCOPES]\n  }\n  scope (name) {\n    this.scopes[name] =
get(this.scopes, name, new Config())\n    return this.scopes[name]\n  }\n  values () {\n    return this[_VALUES]\n
}\n}\n\nexport default new Config(defaultValues)\n"},"use strict';\n\nvar LIBRARY = require('./_library');\n\nvar global
= require('./_global');\n\nvar ctx = require('./_ctx');\n\nvar classof = require('./_classof');\n\nvar $export =
require('./_export');\n\nvar isObject = require('./_is-object');\n\nvar aFunction = require('./_a-function');\n\nvar anInstance
= require('./_an-instance');\n\nvar forOf = require('./_for-of');\n\nvar speciesConstructor = require('./_species-
constructor');\n\nvar task = require('./_task').set;\n\nvar microtask = require('./_microtask')();\n\nvar
newPromiseCapabilityModule = require('./_new-promise-capability');\n\nvar perform = require('./_perform');\n\nvar
userAgent = require('./_user-agent');\n\nvar promiseResolve = require('./_promise-resolve');\n\nvar PROMISE =
'Promise';\n\nvar TypeError = global.TypeError;\n\nvar process = global.process;\n\nvar versions = process &&
process.versions;\n\nvar v8 = versions && versions.v8 || ""; \n\nvar $Promise = global[PROMISE];\n\nvar isNode =
classof(process) === 'process';\n\nvar empty = function () { /* empty */ }; \n\nvar Internal,
newGenericPromiseCapability, OwnPromiseCapability, Wrapper;\n\nvar newPromiseCapability =
newGenericPromiseCapability = newPromiseCapabilityModule.f;\n\nvar USE_NATIVE = !!function () {\n  try {\n
// correct subclassing with @@species support\n    var promise = $Promise.resolve(1);\n    var FakePromise =
(promise.constructor = {})[require('./_wks')('species')] = function (exec) {\n      exec(empty, empty);\n    }; \n
// unhandled rejections tracking support, NodeJS Promise without it fails @@species test\n    return (isNode || typeof
PromiseRejectionEvent === 'function')\n      && promise.then(empty) instanceof FakePromise\n      // v8 6.6 (Node
10 and Chrome 66) have a bug with resolving custom thenables\n      //
https://bugs.chromium.org/p/chromium/issues/detail?id=830565\n      // we can't detect it synchronously, so just
check versions\n      && v8.indexOf('6.6') !== 0\n      && userAgent.indexOf('Chrome/66') === -1;\n    } catch (e) {
/* empty */ }\n\n}();\n\n// helpers\n\nvar isThenable = function (it) {\n  var then;\n  return isObject(it) && typeof (then
= it.then) === 'function' ? then : false;\n};\n\nvar notify = function (promise, isReject) {\n  if (promise._n) return;\n
promise._n = true;\n  var chain = promise._c;\n  microtask(function () {\n    var value = promise._v;\n    var ok =
promise._s === 1;\n    var i = 0;\n    var run = function (reaction) {\n      var handler = ok ? reaction.ok :
reaction.fail;\n      var resolve = reaction.resolve;\n      var reject = reaction.reject;\n      var domain =

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reaction.domain;\n    var result, then, exited;\n    try {\n        if (handler) {\n            if (!ok) {\n                if (promise._h
== 2) onHandleUnhandled(promise);\n                promise._h = 1;\n            }\n            if (handler === true) result =
value;\n            else {\n                if (domain) domain.enter();\n                result = handler(value); // may throw\n                if
(domain) {\n                    domain.exit();\n                    exited = true;\n                }\n            }\n            if (result ===
reaction.promise) {\n                reject(TypeError('Promise-chain cycle'));\n            } else if (then = isThenable(result))
{\n                then.call(result, resolve, reject);\n            } else resolve(result);\n            } else reject(value);\n        } catch (e)
{\n            if (domain && !exited) domain.exit();\n            reject(e);\n        }\n    };\n    while (chain.length > i)
run(chain[i++]); // variable length - can't use forEach\n    promise._c = [];\n    promise._n = false;\n    if (isReject
&& !promise._h) onUnhandled(promise);\n    });\n};\n\nvar onUnhandled = function (promise) {\n    task.call(global,
function () {\n        var value = promise._v;\n        var unhandled = isUnhandled(promise);\n        var result, handler,
console;\n        if (unhandled) {\n            result = perform(function () {\n                if (isNode) {\n
process.emit('unhandledRejection', value, promise);\n                } else if (handler = global.onunhandledrejection) {\n
handler({ promise: promise, reason: value });\n                } else if ((console = global.console) && console.error) {\n
console.error('Unhandled promise rejection', value);\n                }\n            });\n            // Browsers should not trigger
`rejectionHandled` event if it was handled here, NodeJS - should\n            promise._h = isNode || isUnhandled(promise)
? 2 : 1;\n        }\n        promise._a = undefined;\n        if (unhandled && result.e) throw result.v;\n    });\n};\n\nvar isUnhandled =
function (promise) {\n    return promise._h !== 1 && (promise._a || promise._c).length === 0;\n};\n\nvar
onHandleUnhandled = function (promise) {\n    task.call(global, function () {\n        var handler;\n        if (isNode) {\n
process.emit('rejectionHandled', promise);\n        } else if (handler = global.onrejectionhandled) {\n            handler({
promise: promise, reason: promise._v });\n        }\n    });\n};\n\nvar $reject = function (value) {\n    var promise = this;\n    if
(promise._d) return;\n    promise._d = true;\n    promise = promise._w || promise; // unwrap\n    promise._v = value;\n    promise._s = 2;\n    if (!promise._a) promise._a = promise._c.slice();\n    notify(promise, true);\n};\n\nvar $resolve =
function (value) {\n    var promise = this;\n    var then;\n    if (promise._d) return;\n    promise._d = true;\n    promise =
promise._w || promise; // unwrap\n    try {\n        if (promise === value) throw TypeError('Promise can't be resolved
itself');\n        if (then = isThenable(value)) {\n            microtask(function () {\n                var wrapper = { _w: promise, _d:
false };\n                // wrap\n                try {\n                    then.call(value, ctx($resolve, wrapper, 1), ctx($reject, wrapper, 1));\n                } catch
(e) {\n                    $reject.call(wrapper, e);\n                }\n            });\n        } else {\n            promise._v = value;\n            promise._s = 1;\n            notify(promise, false);\n        }\n    } catch (e) {\n        $reject.call({ _w: promise, _d: false }, e); // wrap\n    }\n};\n\n//
constructor polyfill\nif (!USE_NATIVE) {\n    // 25.4.3.1 Promise(executor)\n    $Promise = function
Promise(executor) {\n        anInstance(this, $Promise, PROMISE, '_h');\n        aFunction(executor);\n        Internal.call(this);\n        try {\n            executor(ctx($resolve, this, 1), ctx($reject, this, 1));\n        } catch (err) {\n            $reject.call(this, err);\n        }\n    }; // eslint-disable-next-line no-unused-vars\n    Internal = function
Promise(executor) {\n        this._c = [];\n        // <- awaiting reactions\n        this._a = undefined;\n        // <- checked in
isUnhandled reactions\n        this._s = 0;\n        // <- state\n        this._d = false;\n        // <- done\n        this._v = undefined;\n        // <- value\n        this._h = 0;\n        // <- rejection state, 0 - default, 1 - handled, 2 - unhandled\n        this._n = false;\n        // <- notify\n    };\n    Internal.prototype = require('./_redefine-all')($Promise.prototype, {\n        // 25.4.5.3
Promise.prototype.then(onFulfilled, onRejected)\n        then: function then(onFulfilled, onRejected) {\n            var reaction
= new PromiseCapability(speciesConstructor(this, $Promise));\n            reaction.ok = typeof onFulfilled === 'function' ?
onFulfilled : true;\n            reaction.fail = typeof onRejected === 'function' && onRejected;\n            reaction.domain =
isNode ? process.domain : undefined;\n            this._c.push(reaction);\n            if (this._a) this._a.push(reaction);\n            if
(this._s) notify(this, false);\n            return reaction.promise;\n        },\n        // 25.4.5.1
Promise.prototype.catch(onRejected)\n        'catch': function (onRejected) {\n            return this.then(undefined,
onRejected);\n        }\n    });\n    OwnPromiseCapability = function () {\n        var promise = new Internal();\n        this.promise
= promise;\n        this.resolve = ctx($resolve, promise, 1);\n        this.reject = ctx($reject, promise, 1);\n    };\n    new PromiseCapabilityModule.f = new PromiseCapability = function (C) {\n        return C === $Promise || C ===
Wrapper\n        ? new OwnPromiseCapability(C)\n        : new GenericPromiseCapability(C);\n    };\n};\n\n$export($export.G + $export.W + $export.F * !USE_NATIVE, { Promise: $Promise });\nrequire('./_set-to-string-tag')($Promise, PROMISE);\nrequire('./_set-species')(PROMISE);\nWrapper =

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2vO78FQL4Dd05+djWo/Bawe6L84NNIQzYMWRuSRaF3eugYM7/5rGYZgfT0XXleDbkH3GkhW0FjFmDgGrB
Q5R9j+HCoP+f1IQodQqX6BvmGZ8IGQfmGAAAAEIFTkSuQmCC\""/>**\n * The base implementation of
`_.reduce` and `_.reduceRight`, without support\n * for iteratee shorthands, which iterates over `collection` using
`eachFunc`.\n *\n * @private\n * @param {Array|Object} collection The collection to iterate over.\n * @param
{Function} iteratee The function invoked per iteration.\n * @param {*} accumulator The initial value.\n * @param
{boolean} initAccum Specify using the first or last element of\n * `collection` as the initial value.\n * @param
{Function} eachFunc The function to iterate over `collection`.\n * @returns {*} Returns the accumulated value.\n
*/\nfunction baseReduce(collection, iteratee, accumulator, initAccum, eachFunc) {\n  eachFunc(collection,
function(value, index, collection) {\n    accumulator = initAccum\n      ? (initAccum = false, value)\n      :
iteratee(accumulator, value, index, collection);\n  });\n  return accumulator;\n}\n\nmodule.exports =
baseReduce;\n","var arrayPush = require('./_arrayPush'),\n  isFlattenable = require('./_isFlattenable');\n\n/**\n *
The base implementation of `_.flatten` with support for restricting flattening.\n *\n * @private\n * @param {Array}
array The array to flatten.\n * @param {number} depth The maximum recursion depth.\n * @param {boolean}
[predicate=isFlattenable] The function invoked per iteration.\n * @param {boolean} [isStrict] Restrict to values that
pass `predicate` checks.\n * @param {Array} [result=[]] The initial result value.\n * @returns {Array} Returns the
new flattened array.\n */\nfunction baseFlatten(array, depth, predicate, isStrict, result) {\n  var index = -1,\n
length = array.length;\n  predicate || (predicate = isFlattenable);\n  result || (result = []);\n  while (++index <
length) {\n    var value = array[index];\n    if (depth > 0 && predicate(value)) {\n      if (depth > 1) {\n        //
Recursively flatten arrays (susceptible to call stack limits).\n        baseFlatten(value, depth - 1, predicate, isStrict,
result);\n      } else {\n        arrayPush(result, value);\n      }\n    } else if (!isStrict) {\n      result[result.length] =
value;\n    }\n  }\n  return result;\n}\n\nmodule.exports = baseFlatten;\n","var global = require('./_global');\nvar core
= require('./_core');\nvar hide = require('./_hide');\nvar redefine = require('./_redefine');\nvar ctx =
require('./_ctx');\nvar PROTOTYPE = 'prototype';\n\nvar $export = function (type, name, source) {\n  var
IS_FORCED = type & $export.F;\n  var IS_GLOBAL = type & $export.G;\n  var IS_STATIC = type &
$export.S;\n  var IS_PROTO = type & $export.P;\n  var IS_BIND = type & $export.B;\n  var target = IS_GLOBAL
? global : IS_STATIC ? global[name] || (global[name] = {}) : (global[name] || {})[PROTOTYPE];\n  var exports =
IS_GLOBAL ? core : core[name] || (core[name] = {});\n  var expProto = exports[PROTOTYPE] ||
(exports[PROTOTYPE] = {});\n  var key, own, out, exp;\n  if (IS_GLOBAL) source = name;\n  for (key in source)
{\n    // contains in native\n    own = !IS_FORCED && target && target[key] !== undefined;\n    // export native or
passed\n    out = (own ? target : source)[key];\n    // bind timers to global for call from export context\n    exp =
IS_BIND && own ? ctx(out, global) : IS_PROTO && typeof out === 'function' ? ctx(Function.call, out) : out;\n    //
extend global\n    if (target) redefine(target, key, out, type & $export.U);\n    // export\n    if (exports[key] !== out)
hide(exports, key, exp);\n    if (IS_PROTO && expProto[key] !== out) expProto[key] = out;\n  }\n  \n  global.core =
core;\n  // type bitmap\n  $export.F = 1; // forced\n  $export.G = 2; // global\n  $export.S = 4; // static\n  $export.P = 8;\n
// proto\n  $export.B = 16; // bind\n  $export.W = 32; // wrap\n  $export.U = 64; // safe\n  $export.R = 128; // real proto
method for `library`\n  module.exports = $export;\n","var ITERATOR = require('./_wks')('iterator');\nvar
SAFE_CLOSING = false;\n\ntry {\n  var riter = [7][ITERATOR]();\n  riter['return'] = function () {\n
SAFE_CLOSING = true; }\n  // eslint-disable-next-line no-throw-literal\n  Array.from(riter, function () { throw 2;
});\n} catch (e) { /* empty */ }\n\nmodule.exports = function (exec, skipClosing) {\n  if (!skipClosing &&
!SAFE_CLOSING) return false;\n  var safe = false;\n  try {\n    var arr = [7];\n    var iter = arr[ITERATOR]();\n
iter.next = function () { return { done: safe = true }; }; \n    arr[ITERATOR] = function () { return iter; }; \n
exec(arr);\n  } catch (e) { /* empty */ }\n  return safe;\n};\n","var isObject = require('./_is-object');\nvar
setPrototypeOf = require('./_set-proto').set;\n\nmodule.exports = function (that, target, C) {\n  var S =
target.constructor;\n  var P;\n  if (S !== C && typeof S === 'function' && (P = S.prototype) !== C.prototype &&
isObject(P) && setPrototypeOf) {\n    setPrototypeOf(that, P);\n  }\n  return that;\n};\n","var listCacheClear =
require('./_listCacheClear'),\n  listCacheDelete = require('./_listCacheDelete'),\n  listCacheGet =
require('./_listCacheGet'),\n  listCacheHas = require('./_listCacheHas'),\n  listCacheSet =
require('./_listCacheSet');\n\n/**\n * Creates an list cache object.\n *\n * @private\n * @constructor\n * @param
```

```

{Array} [entries] The key-value pairs to cache.\n *\nfunction ListCache(entries) {\n  var index = -1,\n    length =
entries == null ? 0 : entries.length;\n\n  this.clear();\n  while (++index < length) {\n    var entry = entries[index];\n    this.set(entry[0], entry[1]);\n  }\n}\n\n// Add methods to `ListCache`.\nListCache.prototype.clear =
listCacheClear;\nListCache.prototype['delete'] = listCacheDelete;\nListCache.prototype.get =
listCacheGet;\nListCache.prototype.has = listCacheHas;\nListCache.prototype.set =
listCacheSet;\n\nmodule.exports = ListCache;\n"} // most Object methods by ES6 should accept primitives\nvar
$export = require('./_export');\nvar core = require('./_core');\nvar fails = require('./_fails');\nmodule.exports =
function (KEY, exec) {\n  var fn = (core.Object || {})[KEY] || Object[KEY];\n  var exp = {};\n  exp[KEY] =
exec(fn);\n  $export($export.S + $export.F * fails(function () { fn(1); })), 'Object', exp);\n};\n\n", "var getNative =
require('./_getNative');\n\n/* Built-in method references that are verified to be native. *\n\nvar nativeCreate =
getNative(Object, 'create');\n\nmodule.exports = nativeCreate;\n\n", "var shared = require('./_shared')('keys');\nvar uid
= require('./_uid');\nmodule.exports = function (key) {\n  return shared[key] || (shared[key] = uid(key));\n};\n\n", //
fallback for non-array-like ES3 and non-enumerable old V8 strings\nvar cof = require('./_cof');\n\n// eslint-disable-
next-line no-prototype-builtins\nmodule.exports = Object('z').propertyIsEnumerable(0) ? Object : function (it) {\n
return cof(it) === 'String' ? it.split("") : Object(it);\n};\n\n", "use strict";\n\nvar _undefined =
require("../function/noop");\n\n// Support ES3 engines\nmodule.exports = function (val) {\n  return (val !==
_undefined) && (val !== null);\n};\n\n", "module.exports = function (module) {\n  if (!module.webpackPolyfill)
{\n    module.deprecate = function () {};\n    module.paths = [];\n    module.parent = undefined by default\n    if (!module.children) module.children = [];\n    Object.defineProperty(module, "loaded", {\n      enumerable:
true,\n      get: function () {\n        return module.l;\n      }\n    });\n    Object.defineProperty(module, "id",
{\n      enumerable: true,\n      get: function () {\n        return module.i;\n      }\n    });\n    module.webpackPolyfill =
1;\n    return module;\n  };\n\n", "import mod from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--
8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ImddbHeader.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export * from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ImddbHeader.vue?vue&type=style&index=0&lang=scss&\"; var baseIsMatch =
require('./_baseIsMatch');\n  getMatchData = require('./_getMatchData');\n  matchesStrictComparable =
require('./_matchesStrictComparable');\n\n/**\n * The base implementation of `_.matches` which doesn't clone
`source`.\n * @private\n * @param {Object} source The object of property values to match.\n * @returns
{Function} Returns the new spec function.\n *\nfunction baseMatches(source) {\n  var matchData =
getMatchData(source);\n  if (matchData.length === 1 && matchData[0][2]) {\n    return
matchesStrictComparable(matchData[0][0], matchData[0][1]);\n  }\n  return function (object) {\n    return object ===
source || baseIsMatch(object, source, matchData);\n  };\n}\n\nmodule.exports = baseMatches;\n\n", "var castPath =
require('./_castPath');\n  toKey = require('./_toKey');\n\n/**\n * The base implementation of `_.get` without support
for default values.\n * @private\n * @param {Object} object The object to query.\n * @param {Array|string}
path The path of the property to get.\n * @returns {*} Returns the resolved value.\n *\nfunction baseGet(object,
path) {\n  path = castPath(path, object);\n  var index = 0,\n    length = path.length;\n  while (object != null &&
index < length) {\n    object = object[toKey(path[index++])];\n  }\n  return (index && index === length) ? object :
undefined;\n}\n\nmodule.exports = baseGet;\n\n", /**\n * A specialized version of `_.every` for arrays without
support for\n * iteratee shorthands.\n * @private\n * @param {Array} [array] The array to iterate over.\n *
@param {Function} predicate The function invoked per iteration.\n * @returns {boolean} Returns `true` if all

```



```

elements pass the predicate check,\n * else `false`.\n */\nfunction arrayEvery(array, predicate) {\n  var index = -1,\n      length = array == null ? 0 : array.length;\n  while (++index < length) {\n    if (!predicate(array[index], index,\n    array)) {\n      return false;\n    }\n  }\n  return true;\n}\n\nmodule.exports = arrayEvery;\n", "/*\n * Checks if\n * `value` is classified as an `Array` object.\n */\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an array, else `false`.\n * @example\n * _._isArray([1, 2, 3]);\n * // => true\n * _._isArray(document.body.children);\n * // => false\n * _._isArray('abc');\n * // => false\n * _._isArray(_.noop);\n * // => false\n */\nvar isArray =\nArray.isArray;\n\nmodule.exports = isArray;\n", "var assocIndexOf = require('./_assocIndexOf');\n\n/*\n * Sets the\n * list cache `key` to `value`.\n */\n * @private\n * @name set\n * @memberOf ListCache\n * @param {string} key\n * The key of the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the list cache\n * instance.\n */\nfunction listCacheSet(key, value) {\n  var data = this.__data__,\n      index = assocIndexOf(data,\n  key);\n  if (index < 0) {\n    ++this.size;\n    data.push([key, value]);\n  } else {\n    data[index][1] = value;\n  }\n  return this;\n}\n\nmodule.exports = listCacheSet;\n", "/*\n * to indexed object, toObject with fallback for non-array-like\n * ES3 strings\n */\nvar IObject = require('./_isObject');\nvar defined = require('./_defined');\n\nmodule.exports = function (it)\n{\n  return IObject(defined(it));\n};\n", "var hasOwnProperty = {}.hasOwnProperty;\n\nmodule.exports = function (it,\n  key) {\n  return hasOwnProperty.call(it, key);\n};\n", "var assocIndexOf = require('./_assocIndexOf');\n\n/*\n * Used\n * for built-in method references.\n */\nvar arrayProto = Array.prototype;\n\n/*\n * Built-in value references.\n */\nvar splice =\narrayProto.splice;\n\n/*\n * Removes `key` and its value from the list cache.\n */\n * @private\n * @name\n * delete\n * @memberOf ListCache\n * @param {string} key The key of the value to remove.\n * @returns\n * {boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction listCacheDelete(key) {\n  var data =\nthis.__data__,\n      index = assocIndexOf(data, key);\n  if (index < 0) {\n    return false;\n  }\n  var lastIndex =\n  data.length - 1;\n  if (index == lastIndex) {\n    data.pop();\n  } else {\n    splice.call(data, index, 1);\n  }\n  --\n  this.size;\n  return true;\n}\n\nmodule.exports = listCacheDelete;\n", "var arrayMap = require('./_arrayMap'),\n    baseIteratee = require('./_baseIteratee'),\n    baseMap = require('./_baseMap'),\n    baseSortBy =\nrequire('./_baseSortBy'),\n    baseUnary = require('./_baseUnary'),\n    compareMultiple =\nrequire('./_compareMultiple'),\n    identity = require('./_identity');\n\n/*\n * The base implementation of `_.orderBy`\n * without param guards.\n */\n * @private\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function[]|Object[]|string[]} iteratees The iteratees to sort by.\n * @param {string[]} orders The sort\n * orders of `iteratees`.\n * @returns {Array} Returns the new sorted array.\n */\nfunction baseOrderBy(collection,\n  iteratees, orders) {\n  var index = -1;\n  iteratees = arrayMap(iteratees.length ? iteratees : [identity],\n  baseUnary(baseIteratee));\n  var result = baseMap(collection, function(value, key, collection) {\n    var criteria =\narrayMap(iteratees, function(iteratee) {\n      return iteratee(value);\n    });\n    return { 'criteria': criteria, 'index':\n    ++index, 'value': value }; \n  });\n  return baseSortBy(result, function(object, other) {\n    return\n    compareMultiple(object, other, orders);\n  });\n}\n\nmodule.exports = baseOrderBy;\n", "/*\n * 7.1.1 ToPrimitive(input [, PreferredType])\n */\nvar isObject = require('./_is-object');\n\n/*\n * instead of the ES6 spec version, we didn't implement\n * @@toPrimitive case\n */\nand the second argument - flag - preferred type is a string\n\nmodule.exports = function (it, S)\n{\n  if (!isObject(it)) return it;\n  var fn, val;\n  if (S && typeof (fn = it.toString) == 'function' && !isObject(val =\n  fn.call(it))) return val;\n  if (typeof (fn = it.valueOf) == 'function' && !isObject(val = fn.call(it))) return val;\n  if (!S && typeof (fn = it.toString) == 'function' && !isObject(val = fn.call(it))) return val;\n  throw TypeError("Can't\n  convert object to primitive value");\n};\n", "/*\n * A specialized version of `_.reduce` for arrays without support\n * for\n * iteratee shorthands.\n */\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function} iteratee The function invoked per iteration.\n * @param {*} [accumulator] The initial value.\n * @param {boolean} [initAccum] Specify using the first element of `array` as\n * the initial value.\n * @returns {*} Returns the accumulated value.\n */\nfunction arrayReduce(array, iteratee, accumulator, initAccum) {\n  var index =\n-1,\n      length = array == null ? 0 : array.length;\n  if (initAccum && length) {\n    accumulator =\narray[++index];\n  }\n  while (++index < length) {\n    accumulator = iteratee(accumulator,\n  array[index], index,\n  array);\n  }\n  return accumulator;\n}\n\nmodule.exports = arrayReduce;\n", "use\nstrict";\n\nrequire('./es6.regexp.flags');\nvar anObject = require('./_an-object');\nvar $flags = require('./_flags');\nvar

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DESCRIPTORS = require('./_descriptors');\nvar TO_STRING = 'toString';\nvar $toString =
./[TO_STRING];\n\nvar define = function (fn) {\n  require('./_redefine')(RegExp.prototype, TO_STRING, fn,
true);\n};\n\n// 21.2.5.14 RegExp.prototype.toString()\nif (require('./_fails')(function () { return $toString.call({
source: 'a', flags: 'b' }) != '/a/b'; })) {\n  define(function toString() {\n    var R = anObject(this);\n    return
'/.concat(R.source, '/',\n    'flags' in R ? R.flags : !DESCRIPTORS && R instanceof RegExp ? $flags.call(R) :
undefined);\n  });\n}\n\n// FF44- RegExp#toString has a wrong name\n} else if ($toString.name != TO_STRING) {\n  define(function toString() {\n    return $toString.call(this);\n  });\n}\n\n", "use strict";\nObject.defineProperty(exports,
'__esModule', { value: true });\n\nvar prefix = 'fab';\nvar iconName = 'twitter';\nvar width = 512;\nvar height =
512;\nvar ligatures = [];\nvar unicode = 'f099';\nvar svgPathData = 'M459.37 151.716c.325 4.548.325 9.097.325
13.645 0 138.72-105.583 298.558-298.558 298.558-59.452 0-114.68-17.219-161.137-47.106 8.447.974 16.568
1.299 25.34 1.299 49.055 0 94.213-16.568 130.274-44.832-46.132-975-84.792-31.188-98.112-72.772 6.498.974
12.995 1.624 19.818 1.624 9.421 0 18.843-1.3 27.614-3.573-48.081-9.747-84.143-51.98-84.143-102.985v-
1.299c13.969 7.797 30.214 12.67 47.431 13.319-28.264-18.843-46.781-51.005-46.781-87.391 0-19.492 5.197-
37.36 14.294-52.954 51.655 63.675 129.3 105.258 216.365 109.807-1.624-7.797-2.599-15.918-2.599-24.04 0-
57.828 46.782-104.934 104.934-104.934 30.213 0 57.502 12.67 76.67 33.137 23.715-4.548 46.456-13.32 66.599-
25.34-7.798 24.366-24.366 44.833-46.132 57.827 21.117-2.273 41.584-8.122 60.426-16.243-14.292 20.791-32.161
39.308-52.628 54.253z';\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n    width,\n
height,\n    ligatures,\n    unicode,\n    svgPathData\n  ]};\n\nexports.faTwitter = exports.definition;\nexports.prefix =
prefix;\nexports.iconName = iconName;\nexports.width = width;\nexports.height = height;\nexports.ligatures =
ligatures;\nexports.unicode = unicode;\nexports.svgPathData = svgPathData;","var arrayEach =
require('./_arrayEach'),\n  baseEach = require('./_baseEach'),\n  castFunction = require('./_castFunction'),\n
isArray = require('./isArray');\n\n/**\n * Iterates over elements of `collection` and invokes `iteratee` for each
element.\n * The iteratee is invoked with three arguments: (value, index|key, collection).\n * Iteratee functions may
exit iteration early by explicitly returning `false`.\n * *\n * **Note:** As with other "Collections" methods, objects
with a "length" property are iterated like arrays. To avoid this behavior use `_.forIn` or `_.forOwn` for
object iteration.\n * *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @alias each\n * @category Collection\n *
@param {Array|Object} collection The collection to iterate over.\n * @param {Function} [iteratee=_identity] The
function invoked per iteration.\n * @returns {Array|Object} Returns `collection`.\n * @see _.forEachRight\n *
@example\n *\n * _forEach([1, 2], function(value) {\n *   console.log(value);\n * });\n * // => Logs `1` then `2`.\n
*\n * _forEach({ 'a': 1, 'b': 2 }, function(value, key) {\n *   console.log(key);\n * });\n * // => Logs `a` then `b`
(iteration order is not guaranteed).\n */\nfunction forEach(collection, iteratee) {\n  var func = isArray(collection) ?
arrayEach : baseEach;\n  return func(collection, castFunction(iteratee));\n}\n\nmodule.exports = forEach;\n","//
extracted by mini-css-extract-plugin", "import mod from \"-!../node_modules/mini-css-extract-
plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-
1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--
8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./DonateForm.vue?vue&type=style&index=0&lang=scss&\"; export default mod; export * from \"-
!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-
loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./DonateForm.vue?vue&type=style&index=0&lang=scss&\";","var baseTimes = require('./_baseTimes'),\n
isArrayArguments = require('./isArrayArguments'),\n  isArray = require('./isArray'),\n  isBuffer = require('./isBuffer'),\n
isIndex = require('./_isIndex'),\n  isTypedArray = require('./isTypedArray');\n\n/**\n * Used for built-in method
references. *\n * \nvar objectProto = Object.prototype;\n\n/**\n * Used to check objects for own properties. *\n * \nvar
hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Creates an array of the enumerable property names of

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the array-like `value`.
\n * @private
\n * @param { *} value The value to query.
\n * @param {boolean} inherited
Specify returning inherited property names.
\n * @returns {Array} Returns the array of property names.
\n
*\nfunction arrayLikeKeys(value, inherited) {
  var isArr = isArray(value),
      isArg = !isArr &&
isArguments(value),
      isBuff = !isArr && !isArg && isBuffer(value),
      isType = !isArr && !isArg &&
!isBuff && isArrayTyped(value),
      skipIndexes = isArr || isArg || isBuff || isType,
      result = skipIndexes ?
baseTimes(value.length, String) : [],
      length = result.length;
\n\n  for (var key in value) {
    if ((inherited ||
hasOwnProperty.call(value, key)) &&
      !(skipIndexes && (
// Safari 9 has enumerable
`arguments.length` in strict mode.
key === 'length' ||
// Node.js 0.10 has enumerable non-index
properties on buffers.
(isBuff && (key === 'offset' || key === 'parent')) ||
// PhantomJS 2 has
enumerable non-index properties on typed arrays.
(isType && (key === 'buffer' || key === 'byteLength' || key
=== 'byteOffset')) ||
// Skip index properties.
isIndex(key, length)
))) {
      result.push(key);
    }
  }
  return result;
}
\n\nmodule.exports = arrayLikeKeys;
\n",
"/" extracted by mini-css-extract-plugin",
"var
createBaseFor = require('./_createBaseFor');
\n\n**\n * The base implementation of `baseForOwn` which iterates
over `object`
\n * properties returned by `keysFunc` and invokes `iteratee` for each property.
\n * Iteratee functions
may exit iteration early by explicitly returning `false`.
\n * @private
\n * @param {Object} object The object to
iterate over.
\n * @param {Function} iteratee The function invoked per iteration.
\n * @param {Function} keysFunc
The function to get the keys of `object`.
\n * @returns {Object} Returns `object`.
\n *\nvar baseFor =
createBaseFor();
\n\nmodule.exports = baseFor;
\n",
"/" **\n * Creates a function that returns `value`.
\n * @static
\n * @memberOf _
\n * @since 2.4.0
\n * @category Util
\n * @param { *} value The value to return from the new
function.
\n * @returns {Function} Returns the new constant function.
\n * @example
\n *\n * var objects =
_.times(2, _constant({ 'a': 1 }));
\n *\n * console.log(objects);
\n * // => [{ 'a': 1 }, { 'a': 1 }]
\n *\n *
console.log(objects[0] === objects[1]);
\n * // => true
\n *\nfunction constant(value) {
  return function() {
    return value;
  };
}
\n\nmodule.exports = constant;
\n",
"/" use strict";
\n// 19.1.2.1 Object.assign(target, source, ...)
\nvar
getKeys = require('./_object-keys');
\nvar gOPS = require('./_object-gops');
\nvar pIE = require('./_object-pie');
\nvar
toObject = require('./_to-object');
\nvar IObject = require('./_iobject');
\nvar $assign = Object.assign;
\n\n// should
work with symbols and should have deterministic property order (V8 bug)
\n\nmodule.exports = ! $assign ||
require('./_fails')(function () {
  var A = { };
  var B = { };
  // eslint-disable-next-line no-undef
  var S =
Symbol();
  var K = 'abcdefghijklmnopqrst';
  A[S] = 7;
  K.split('').forEach(function (k) { B[k] = k; });
  return
$assign({ }, A)[S] != 7 || Object.keys($assign({ }, B)).join("") != K;
}) ? function assign(target, source) { // eslint-
disable-line no-unused-vars
  var T = toObject(target);
  var aLen = arguments.length;
  var index = 1;
  var
getSymbols = gOPS.f;
  var isEnum = pIE.f;
  while (aLen > index) {
    var S = IObject(arguments[index++]);
    var keys = getSymbols ? getKeys(S).concat(getSymbols(S)) : getKeys(S);
    var length = keys.length;
    var j =
0;
    var key;
    while (length > j) {
      if (isEnum.call(S, key = keys[j++])) T[key] = S[key];
    }
    return T;
  } :
$assign;
\n",
"/" use strict";
\n\nvar isValue = require('./is-value');
\n\nvar keys = Object.keys;
\n\nmodule.exports =
function (object) {
  return keys(isValue(object) ? Object(object) : object);
};
\n",
"/" var baseIsTypedArray =
require('./_baseIsTypedArray');
\n  baseUnary = require('./_baseUnary');
\n  nodeUtil = require('./_nodeUtil');
\n\n/*
Node.js helper references.
*\nvar nodeIsTypedArray = nodeUtil && nodeUtil.isTypedArray;
\n\n**\n * Checks if
`value` is classified as a typed array.
\n * @static
\n * @memberOf _
\n * @since 3.0.0
\n * @category Lang
\n *
@param { *} value The value to check.
\n * @returns {boolean} Returns `true` if `value` is a typed array, else
`false`.
\n * @example
\n *\n * _isTypedArray(new Uint8Array);
\n * // => true
\n *\n * _isTypedArray([]);
\n * // =>
false
\n *\nvar isTypedArray = nodeIsTypedArray ? baseUnary(nodeIsTypedArray) :
baseIsTypedArray;
\n\nmodule.exports = isTypedArray;
\n",
"/" import mod from "-!./../node_modules/mini-css-
extract-plugin/dist/loader.js??ref--8-oneOf-1-0!./../node_modules/css-loader/index.js??ref--8-oneOf-1-
1!./../node_modules/vue-loader/lib/loaders/stylePostLoader.js!./../node_modules/postcss-loader/src/index.js??ref--
8-oneOf-1-2!./../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!./../node_modules/cache-
loader/dist/cjs.js??ref--0-0!./../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&";
export
default mod;
export * from "-!./../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-

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0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&\";\"var
baseGetTag = require('./_baseGetTag'),\n isLength = require('./isLength'),\n isObjectLike =
require('./isObjectLike');\n\n/** `Object#toString` result references. *\nvar argsTag = '[object Arguments]',\n arrayTag = '[object Array]',\n boolTag = '[object Boolean]',\n dateTag = '[object Date]',\n errorTag = '[object
Error]',\n funcTag = '[object Function]',\n mapTag = '[object Map]',\n numberTag = '[object Number]',\n
objectTag = '[object Object]',\n regexpTag = '[object RegExp]',\n setTag = '[object Set]',\n stringTag = '[object
String]',\n weakMapTag = '[object WeakMap]';\n\nvar arrayBufferTag = '[object ArrayBuffer]',\n dataViewTag
= '[object DataView]',\n float32Tag = '[object Float32Array]',\n float64Tag = '[object Float64Array]',\n
int8Tag = '[object Int8Array]',\n int16Tag = '[object Int16Array]',\n int32Tag = '[object Int32Array]',\n
uint8Tag = '[object Uint8Array]',\n uint8ClampedTag = '[object Uint8ClampedArray]',\n uint16Tag = '[object
Uint16Array]',\n uint32Tag = '[object Uint32Array]';\n\n/** Used to identify `toStringTag` values of typed arrays.
*\nvar typedArrayTags = {};\n\ntypedArrayTags[float32Tag] = typedArrayTags[float64Tag]
=\n\ntypedArrayTags[int8Tag] = typedArrayTags[int16Tag] =\n\ntypedArrayTags[int32Tag] =
typedArrayTags[uint8Tag] =\n\ntypedArrayTags[uint8ClampedTag] = typedArrayTags[uint16Tag]
=\n\ntypedArrayTags[uint32Tag] = true;\n\ntypedArrayTags[argsTag] = typedArrayTags[arrayTag]
=\n\ntypedArrayTags[arrayBufferTag] = typedArrayTags[boolTag] =\n\ntypedArrayTags[dataViewTag] =
typedArrayTags[dateTag] =\n\ntypedArrayTags[errorTag] = typedArrayTags[funcTag] =\n\ntypedArrayTags[mapTag]
= typedArrayTags[numberTag] =\n\ntypedArrayTags[objectTag] = typedArrayTags[regexpTag]
=\n\ntypedArrayTags[setTag] = typedArrayTags[stringTag] =\n\ntypedArrayTags[weakMapTag] = false;\n\n/**\n *
The base implementation of `_.isArray` without Node.js optimizations.\n * @private\n * @param {*}
value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else `false`.\n
*\nfunction baseIsTypedArray(value) {\n return isObjectLike(value) &&\n isLength(value.length) &&
!!typedArrayTags[baseGetTag(value)];\n}\n\nmodule.exports = baseIsTypedArray;\n\";\"var baseToString =
require('./_baseToString');\n\n/**\n * Converts `value` to a string. An empty string is returned for `null` and
`undefined` values. The sign of `-0` is preserved.\n * @static\n * @memberOf _\n * @since 4.0.0\n
* @category Lang\n * @param {*} value The value to convert.\n * @returns {string} Returns the converted string.\n
* @example\n * _._.toString(null);\n * // => \"\n * _._.toString(-0);\n * // => '-0'\n * _._.toString([1, 2, 3]);\n
* // => '1,2,3'\n * ^\nfunction toString(value) {\n return value == null ? '' : baseToString(value);\n}\n\nmodule.exports
= toString;\n\";\"// https://github.com/zloirock/core-js/issues/86#issuecomment-115759028\nvar global =
module.exports = typeof window != 'undefined' && window.Math == Math\n ? window : typeof self != 'undefined'
&& self.Math == Math ? self\n // eslint-disable-next-line no-new-func\n : Function('return this')();\n\nif (typeof __g
== 'number') __g = global;\n // eslint-disable-line no-undef\n\";\"var toInteger = require('./_to-integer');\nvar max =
Math.max;\nvar min = Math.min;\nmodule.exports = function (index, length) {\n index = toInteger(index);\n return
index < 0 ? max(index + length, 0) : min(index, length);\n};\n\n/**\n * A specialized version of `_.map` for arrays
without support for iteratee shorthands.\n * @private\n * @param {Array} [array] The array to iterate
over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns the new
mapped array.\n * ^\nfunction arrayMap(array, iteratee) {\n var index = -1,\n length = array == null ? 0 :
array.length,\n result = Array(length);\n\n while (++index < length) {\n result[index] = iteratee(array[index],
index, array);\n }\n return result;\n}\n\nmodule.exports = arrayMap;\n\";\"var getNative = require('./_getNative'),\n
root = require('./_root');\n\n/** Built-in method references that are verified to be native. *\nvar Map =
getNative(root, 'Map');\n\nmodule.exports = function (exec) {\n try {\n return
!!exec();\n } catch (e) {\n return true;\n }\n};\n\n\";\"var nativeCreate = require('./_nativeCreate');\n\n/** Used for
built-in method references. *\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties.
*\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Checks if a hash value for `key` exists.\n * @private\n

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@private\n * @name has\n * @memberOf Hash\n * @param {string} key The key of the entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction hashHas(key) {\n  var data = this.__data__;\n  return nativeCreate ? (data[key] !== undefined) : hasOwnProperty.call(data, key);\n}\n\nmodule.exports = hashHas;\n", "(function (global, factory) {\n  \\n\\ntypeof exports === 'object' && typeof module !== 'undefined' ? factory(exports, require('@fortawesome/fontawesome')) : \\n\\ntypeof define === 'function' && define.amd ? define(['exports', '@fortawesome/fontawesome'], factory) : \\n\\n(factory((global['vue-fontawesome'] = {}), global.FontAwesome));\n})(this, (function (exports, fontawesome) {\n  'use strict';\n  \\n\\nfontawesome = fontawesome && fontawesome.hasOwnProperty('default') ? fontawesome['default'] : fontawesome;\n  \\n\\nvar commonjsGlobal = typeof window !== 'undefined' ? window : typeof global !== 'undefined' ? global : typeof self !== 'undefined' ? self : {};\n  \\n\\n\\n\\n\\nfunction createCommonjsModule(fn, module) {\n  \\n\\nreturn module = { exports: {} }, fn(module, module.exports), module.exports;\n}\n\n\\n\\nvar humps = createCommonjsModule(function (module) {\n  \\n\\n// =====\n  \\n\\n = humps = \\n\\n// =====\n  \\n\\n Underscore-to-camelCase converter (and vice versa)\n  \\n\\n// for strings and object keys\n  \\n\\n// humps is copyright © 2012+ Dom Christie\n  \\n\\n// Released under the MIT license.\n  \\n\\n\\n(function(global) {\n    \\n\\n var _processKeys = function(convert, obj, options) {\n      \\n  if(!_isObject(obj) || _isDate(obj) || _isRegExp(obj) || _isBoolean(obj) || _isFunction(obj)) {\n        \\n return obj;\n      }\n      \\n\\n var output, \\n      i = 0, \\n      l = obj.length;\n      \\n\\n if(_isArray(obj)) {\n        \\n output = [];\n        for(l=obj.length; i<l; i++) {\n          \\n output.push(_processKeys(convert, obj[i], options));\n        }\n      }\n      \\n\\n else {\n        \\n output = {};\n        for(var key in obj) {\n          \\n if(Object.prototype.hasOwnProperty.call(obj, key)) {\n              \\n output[convert(key, options)] = _processKeys(convert, obj[key], options);\n            }\n        }\n        \\n return output;\n      }\n    }\n    \\n\\n // String conversion methods\n    \\n\\n var separateWords = function(string, options) {\n      \\n options = options || {};\n      \\n var separator = options.separator || '_';\n      \\n var split = options.split || /(?![A-Z])/;\n      \\n return string.split(split).join(separator);\n    }\n    \\n\\n var camelize = function(string) {\n      \\n if (_isNumerical(string)) {\n        \\n return string;\n      }\n      \\n string = string.replace(/([\\s]+)?/g, function(match, chr) {\n        \\n return chr ? chr.toUpperCase() : '';\n      });\n      \\n // Ensure 1st char is always lowercase\n      \\n return string.substr(0, 1).toLowerCase() + string.substr(1);\n    }\n    \\n\\n var pascalize = function(string) {\n      \\n var camelized = camelize(string);\n      \\n // Ensure 1st char is always uppercase\n      \\n return camelized.substr(0, 1).toUpperCase() + camelized.substr(1);\n    }\n    \\n\\n var decamelize = function(string, options) {\n      \\n return separateWords(string, options).toLowerCase();\n    }\n    \\n\\n // Utilities\n    \\n\\n // Taken from Underscore.js\n    \\n\\n var toString = Object.prototype.toString;\n    \\n\\n var _isFunction = function(obj) {\n      \\n return typeof(obj) === 'function';\n    }\n    \\n\\n var _isObject = function(obj) {\n      \\n return obj === Object(obj);\n    }\n    \\n\\n var _isArray = function(obj) {\n      \\n return toString.call(obj) === '[object Array]';\n    }\n    \\n\\n var _isDate = function(obj) {\n      \\n return toString.call(obj) === '[object Date]';\n    }\n    \\n\\n var _isRegExp = function(obj) {\n      \\n return toString.call(obj) === '[object RegExp]';\n    }\n    \\n\\n var _isBoolean = function(obj) {\n      \\n return toString.call(obj) === '[object Boolean]';\n    }\n    \\n\\n // Performant way to determine if obj coerces to a number\n    \\n\\n var _isNumerical = function(obj) {\n      \\n obj = obj - 0;\n      \\n return obj === obj;\n    }\n    \\n\\n // Sets up function which handles processing keys\n    \\n\\n // allowing the convert function to be modified by a callback\n    \\n\\n var _processor = function(convert, options) {\n      \\n var callback = options && 'process' in options ? options.process : options;\n      \\n\\n if(typeof(callback) !== 'function') {\n        \\n return convert;\n      }\n      \\n\\n return function(string, options) {\n        \\n return callback(string, convert, options);\n      }\n    }\n    \\n\\n var humps = {\n      \\n camelize: camelize,\n      \\n decamelize: decamelize,\n      \\n pascalize: pascalize,\n      \\n depascalize: decamelize,\n      \\n camelizeKeys: function(object, options) {\n        \\n return _processKeys(_processor(camelize, options), object);\n      },\n      \\n decamelizeKeys: function(object, options) {\n        \\n return _processKeys(_processor(decamelize, options), object, options);\n      },\n      \\n pascalizeKeys: function(object, options) {\n        \\n return _processKeys(_processor(pascalize, options), object);\n      },\n      \\n depascalizeKeys: function () {\n        \\n return this.decamelizeKeys.apply(this, arguments);\n      }\n    }\n    \\n\\n if (typeof undefined === 'function' && undefined.amd) {\n      \\n undefined(humps);\n    }\n    \\n\\n else if ('object' !== 'undefined' && module.exports) {\n      \\n module.exports = humps;\n    }\n    \\n\\n else {\n      \\n global.humps = humps;\n    }\n  }\n})(commonjsGlobal);\n\n\\n\\nvar _typeof = typeof Symbol === \"function\" && typeof Symbol.iterator === \"symbol\" ? function (obj) {\n  \\n return typeof obj;\n} : function (obj) {\n  \\n return obj && typeof Symbol === \"function\" && obj.constructor === Symbol && obj !== Symbol.prototype ? \"symbol\" : typeof obj;\n};\n\n\\n\\n\\n\\n\\nvar asyncGenerator = function () {\n  \\n function AwaitValue(value) {\n    \\n this.value = value;\n  }\n}
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}\n\n function AsyncGenerator(gen) {\n  var front, back;\n\n  function send(key, arg) {\n    return new
Promise(function (resolve, reject) {\n      var request = {\n        key: key,\n        arg: arg,\n        resolve:
resolve,\n        reject: reject,\n        next: null\n      };\n\n      if (back) {\n        back = back.next = request;\n
} else {\n      front = back = request;\n      resume(key, arg);\n    }\n  });\n\n  function resume(key,
arg) {\n    try {\n      var result = gen[key](arg);\n      var value = result.value;\n      if (value instanceof
AwaitValue) {\n        Promise.resolve(value.value).then(function (arg) {\n          resume(\"next\", arg);\n
}),\n        function (arg) {\n          resume(\"throw\", arg);\n        });\n      } else {\n        settle(result.done ? \"return\" :
\"normal\", result.value);\n      }\n    } catch (err) {\n      settle(\"throw\", err);\n    }\n  }\n\n  function
settle(type, value) {\n    switch (type) {\n      case \"return\":\n        front.resolve({\n          value: value,\n
done: true\n        });\n        break;\n\n      case \"throw\":\n        front.reject(value);\n        break;\n\n
default:\n        front.resolve({\n          value: value,\n          done: false\n        });\n        break;\n    }\n\n
front = front.next;\n\n    if (front) {\n      resume(front.key, front.arg);\n    } else {\n      back = null;\n    }\n
}\n\n  this._invoke = send;\n\n  if (typeof gen.return !== \"function\") {\n    this.return = undefined;\n  }\n\n  if (typeof Symbol === \"function\" && Symbol.asyncIterator) {\n
AsyncGenerator.prototype[Symbol.asyncIterator] = function () {\n    return this;\n  };\n\n  AsyncGenerator.prototype.next = function (arg) {\n    return this._invoke(\"next\", arg);\n  };\n\n
AsyncGenerator.prototype.throw = function (arg) {\n    return this._invoke(\"throw\", arg);\n  };\n\n  AsyncGenerator.prototype.return = function (arg) {\n    return this._invoke(\"return\", arg);\n  };\n\n  return {\n
wrap: function (fn) {\n    return function () {\n      return new AsyncGenerator(fn.apply(this, arguments));\n
};\n    },\n    await: function (value) {\n      return new AwaitValue(value);\n    }\n  };\n\n  defineProperty = function (obj, key, value) {\n    if (key in obj) {\n
Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable:
true\n    });\n    } else {\n      obj[key] = value;\n    }\n    return obj;\n  };\n\n  _extends = Object.assign || function
(target) {\n    for (var i = 1; i < arguments.length; i++) {\n      var source = arguments[i];\n\n      for (var key in source)
{\n        if (Object.prototype.hasOwnProperty.call(source, key)) {\n          target[key] = source[key];\n        }\n      }\n
}\n\n    return target;\n  };\n\n  objectWithoutProperties = function (obj, keys) {\n    var target
= {};\n\n    for (var i in obj) {\n      if (keys.indexOf(i) >= 0) continue;\n      if
(!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n      target[i] = obj[i];\n    }\n\n    return
target;\n  };\n\n  toConsumableArray = function (arr) {\n    if
(Array.isArray(arr)) {\n      for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];\n      return
arr2;\n    } else {\n      return Array.from(arr);\n    }\n  };\n\n  styleToObject(style) {\n    return
style.split(';').map(function (s) {\n      return s.trim();\n    }).filter(function (s) {\n      return s;\n    }).reduce(function (acc,
pair) {\n      var i = pair.indexOf(';');\n      var prop = humps.camelize(pair.slice(0, i));\n      var value = pair.slice(i +
1).trim();\n      acc[prop] = value;\n      return acc;\n    }, {});\n  }\n\n  classToObject(cls) {\n    return
cls.split(/\\s+/.reduce(function (acc, c) {\n      acc[c] = true;\n      return acc;\n    }, {});\n  }\n\n  combineClassObjects() {\n    for (var _len = arguments.length, objs = Array(_len), _key = 0; _key < _len; _key++)
{\n      objs[_key] = arguments[_key];\n    }\n\n    return objs.reduce(function (acc, obj) {\n      if (Array.isArray(obj)) {\n
acc = acc.concat(obj);\n      } else {\n        acc.push(obj);\n      }\n      return acc;\n    }, []);\n  }\n\n  convert(h,
element) {\n    var props = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : {};\n    var data =
arguments.length > 3 && arguments[3] !== undefined ? arguments[3] : {};\n\n    var children = (element.children ||
[]).map(convert.bind(null, h));\n\n    var mixins = Object.keys(element.attributes || {}).reduce(function (acc, key) {\n
var val = element.attributes[key];\n\n      switch (key) {\n        case 'class':\n          acc['class'] = classToObject(val);\n
break;\n        case 'style':\n          acc['style'] = styleToObject(val);\n          break;\n        default:\n          acc.attrs[key] =
val;\n      }\n      return acc;\n    }, { 'class': {}, style: {}, attrs: {} });\n\n    var _data$class = data.class,\n      dClass =
_data$class === undefined ? {} : _data$class,\n      _data$style = data.style,\n      dStyle = _data$style ===
undefined ? {} : _data$style,\n      _data$attrs = data.attrs,\n      dAttrs = _data$attrs === undefined ? {} :
_data$attrs,\n      remainingData = objectWithoutProperties(data, ['class', 'style', 'attrs']);\n\n    if (typeof element
=== 'string') {\n      return element;\n    } else {\n      return h(element.tag, _extends({\n        class:

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combineClassObjects(mixins.class, dClass),\n    style: _extends({}, mixins.style, dStyle),\n    attrs: _extends({},\n    mixins.attrs, dAttrs)\n  }, remainingData, {\n    props: props\n  }), children);\n}\n}\n\nvar PRODUCTION =\nfalse;\n\ntry {\n  PRODUCTION = process.env.NODE_ENV === 'production';\n} catch (e) {}\n\nvar log = function\n()\n{\n  if (!PRODUCTION && console && typeof console.error === 'function')\n  {\n    var _console;\n\n    (_console\n    = console).error.apply(_console, arguments);\n  }\n};\n\nfunction objectWithKey(key, value) {\n  return\n  Array.isArray(value) && value.length > 0 || !Array.isArray(value) && value ?\n  defineProperty({}, key, value) :\n  {};\n}\n\nfunction classList(props) {\n  var _classes;\n\n  var classes = (_classes = {\n    'fa-spin': props.spin,\n    'fa-pulse': props.pulse,\n    'fa-fw': props.fixedWidth,\n    'fa-border': props.border,\n    'fa-li': props.listItem,\n    'fa-flip-horizontal': props.flip === 'horizontal' || props.flip === 'both',\n    'fa-flip-vertical': props.flip === 'vertical' ||\n    props.flip === 'both'\n  }, defineProperty(_classes, 'fa-' + props.size, props.size !== null),\n  defineProperty(_classes, 'fa-rotate-' + props.rotation, props.rotation\n  !== null),\n  defineProperty(_classes, 'fa-pull-' + props.pull, props.pull !==\n  null),\n  _classes);\n\n  return Object.keys(classes).map(function (key) {\n    return classes[key] ?\n    key : null;\n  }).filter(function (key) {\n    return key;\n  });\n}\n\nfunction addStaticClass(to, what) {\n  var val = (to || '').length\n  === 0 ? [] : [to];\n\n  return val.concat(what).join(' ');\n}\n\nfunction normalizeIconArgs(icon) {\n  if (icon ===\n  null) {\n    return null;\n  }\n\n  if ((typeof icon === 'undefined' ? 'undefined' : _typeof(icon)) ===\n  'object' &&\n  icon.prefix && icon.iconName) {\n    return icon;\n  }\n\n  if (Array.isArray(icon) && icon.length === 2) {\n    return {\n      prefix: icon[0],\n      iconName: icon[1]\n    };\n  }\n\n  if (typeof icon === 'string') {\n    return {\n      prefix: 'fas',\n      iconName: icon\n    };\n  }\n}\n\nvar FontAwesomeIcon$1 = {\n  name: 'FontAwesomeIcon',\n  functional: true,\n  props: {\n    border: {\n      type: Boolean,\n      default: false\n    },\n    fixedWidth: {\n      type: Boolean,\n      default: false\n    },\n    flip: {\n      type: String,\n      default: null,\n      validator: function validator(value) {\n        return ['horizontal', 'vertical', 'both'].indexOf(value) > -1;\n      }\n    },\n    icon: {\n      type: [Object, Array,\n      String],\n      required: true\n    },\n    mask: {\n      type: [Object, Array, String],\n      default: null\n    },\n    listItem: {\n      type: Boolean,\n      default: false\n    },\n    pull: {\n      type: String,\n      default: null,\n      validator: function validator(value) {\n        return ['right', 'left'].indexOf(value) > -1;\n      }\n    },\n    pulse: {\n      type: Boolean,\n      default: false\n    },\n    rotation: {\n      type: Number,\n      default: null,\n      validator: function validator(value) {\n        return [90, 180, 270].indexOf(value) > -1;\n      }\n    },\n    size: {\n      type: String,\n      default: null,\n      validator: function validator(value) {\n        return ['lg', 'xs', 'sm', '1x', '2x', '3x', '4x', '5x', '6x', '7x',\n        '8x', '9x', '10x'].indexOf(value) > -1;\n      }\n    },\n    spin: {\n      type: Boolean,\n      default: false\n    },\n    transform: {\n      type: [String, Object],\n      default: null\n    },\n    symbol: {\n      type: [Boolean, String],\n      default: false\n    }\n  },\n  render: function render(createElement, context) {\n    var props = context.props;\n    var\n    iconArgs = props.icon,\n    maskArgs = props.mask,\n    symbol = props.symbol;\n\n    var icon =\n    normalizeIconArgs(iconArgs);\n    var classes = objectWithKey('classes', classList(props));\n    var transform =\n    objectWithKey('transform', typeof props.transform === 'string' ?\n    fontawesome.parse.transform(props.transform) : props.transform);\n    var mask =\n    objectWithKey('mask', normalizeIconArgs(maskArgs));\n    var renderedIcon =\n    fontawesome.icon(icon, _extends({}, classes, transform, mask, {\n      symbol: symbol\n    }));\n\n    if (!renderedIcon) {\n      return log('Check not find one or more icon(s)', icon, mask);\n    }\n\n    var abstract = renderedIcon.abstract;\n\n    var convertCurry = convert.bind(null, createElement);\n\n    return convertCurry(abstract[0], {}, context.data);\n  }\n};\n\nvar FontAwesomeLayers = {\n  name: 'FontAwesomeLayers',\n  functional: true,\n  props: {\n    fixedWidth: {\n      type: Boolean,\n      default: false\n    }\n  },\n  render: function render(createElement, context)\n  {\n    var familyPrefix = fontawesome.config.familyPrefix;\n    var staticClass = context.data.staticClass;\n\n    var classes = [familyPrefix + '-layers'].concat(toConsumableArray(context\n    .props.fixedWidth ? [familyPrefix + '-fw'] : []));\n\n    return createElement('div', _extends({}, context.data, {\n      staticClass: addStaticClass(staticClass,\n      classes)\n    }), context.children);\n  }\n};\n\nvar FontAwesomeLayersText = {\n  name: 'FontAwesomeLayersText',\n  functional: true,\n  props: {\n    value: {\n      type: String,\n      default: ''\n    },\n    transform: {\n      type: [String, Object],\n      default: null\n    }\n  },\n  render: function render(createElement,\n  context) {\n    var props = context.props;\n\n    var transform = objectWithKey('transform',\n    typeof props.transform === 'string' ? fontawesome.parse.transform(props\n    .transform) : props.transform);\n\n    var renderedText =\n    fontawesome.text(props.value, _extends({}, transform));\n\n    var abstract = renderedText.abstract;\n\n    var

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convertCurry = convert.bind(null, createElement);\n\n return convertCurry(abstract[0], {}, context.data);\n
});\n\nfontawesome.noAuto();\n\nexports['default'] = FontAwesomeIcon$1;\nexports.FontAwesomeIcon =
FontAwesomeIcon$1;\nexports.FontAwesomeLayers = FontAwesomeLayers;\nexports.FontAwesomeLayersText =
FontAwesomeLayersText;\n\nObject.defineProperty(exports, '__esModule', { value: true });\n\n\n));\n\n\n"
use
strict";\nvar global = require('./_global');\nvar dP = require('./_object-dp');\nvar DESCRIPTORS =
require('./_descriptors');\nvar SPECIES = require('./_wks')('species');\n\nmodule.exports = function (KEY) {\n var
C = global[KEY];\n if (DESCRIPTORS && C && !C[SPECIES]) dP.f(C, SPECIES, {\n configurable: true,\n
get: function () { return this; }\n });\n};\n\n\n","var mapCacheClear = require('./_mapCacheClear'),\n
mapCacheDelete = require('./_mapCacheDelete'),\n mapCacheGet = require('./_mapCacheGet'),\n mapCacheHas
= require('./_mapCacheHas'),\n mapCacheSet = require('./_mapCacheSet');\n\n/**\n * Creates a map cache object
to store key-value pairs.\n * \n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to
cache.\n * \nfunction MapCache(entries) {\n var index = -1,\n length = entries == null ? 0 : entries.length;\n\n
this.clear();\n while (++index < length) {\n var entry = entries[index];\n this.set(entry[0], entry[1]);\n }\n}\n\n//
Add methods to `MapCache`.\nMapCache.prototype.clear = mapCacheClear;\nMapCache.prototype['delete'] =
mapCacheDelete;\nMapCache.prototype.get = mapCacheGet;\nMapCache.prototype.has =
mapCacheHas;\nMapCache.prototype.set = mapCacheSet;\n\nmodule.exports = MapCache;\n\n","var Stack =
require('./_Stack'),\n equalArrays = require('./_equalArrays'),\n equalByTag = require('./_equalByTag'),\n
equalObjects = require('./_equalObjects'),\n getTag = require('./_getTag'),\n isArray = require('./isArray'),\n
isBuffer = require('./isBuffer'),\n isArray = require('./isArray'),\n isTypedArray = require('./isTypedArray');\n\n/**
Used to compose bitmasks for
value comparisons. *\nvar COMPARE_PARTIAL_FLAG = 1;\n\n/** `Object#toString` result references. *\nvar
argsTag = '[object Arguments]',\n arrayTag = '[object Array]',\n objectTag = '[object Object]';\n\n/** Used for
built-in method references. *\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties.
*\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * A specialized version of `baseIsEqual` for
arrays and objects which performs\n * deep comparisons and tracks traversed objects enabling objects with
circular\n * references to be compared.\n * \n * @private\n * @param {Object} object The object to compare.\n *
@param {Object} other The other object to compare.\n * @param {number} bitmask The bitmask flags. See
`baseIsEqual` for more details.\n * @param {Function} customizer The function to customize comparisons.\n *
@param {Function} equalFunc The function to determine equivalents of values.\n * @param {Object} [stack]
Tracks traversed `object` and `other` objects.\n * @returns {boolean} Returns `true` if the objects are equivalent,
else `false`.\n * \nfunction baseIsEqualDeep(object, other, bitmask, customizer, equalFunc, stack) {\n var objIsArr
= isArray(object),\n othIsArr = isArray(other),\n objTag = objIsArr ? arrayTag : getTag(object),\n othTag
= othIsArr ? arrayTag : getTag(other);\n\n objTag = objTag == argsTag ? objectTag : objTag;\n othTag = othTag
== argsTag ? objectTag : othTag;\n\n var objIsObj = objTag == objectTag,\n othIsObj = othTag == objectTag,\n
isSameTag = objTag == othTag;\n\n if (isSameTag && isBuffer(object)) {\n if (!isBuffer(other)) {\n return
false;\n }\n objIsArr = true;\n objIsObj = false;\n }\n if (isSameTag && !objIsObj) {\n stack || (stack = new
Stack);\n return (objIsArr || isTypedArray(object))\n ? equalArrays(object, other, bitmask, customizer,
equalFunc, stack)\n : equalByTag(object, other, objTag, bitmask, customizer, equalFunc, stack);\n }\n if
(!(bitmask & COMPARE_PARTIAL_FLAG)) {\n var objIsWrapped = objIsObj && hasOwnProperty.call(object,
'__wrapped__'),\n othIsWrapped = othIsObj && hasOwnProperty.call(other, '__wrapped__');\n\n if
(objIsWrapped || othIsWrapped) {\n var objUnwrapped = objIsWrapped ? object.value() : object,\n
othUnwrapped = othIsWrapped ? other.value() : other;\n\n stack || (stack = new Stack);\n return
equalFunc(objUnwrapped, othUnwrapped, bitmask, customizer, stack);\n }\n }\n if (!isSameTag) {\n return
false;\n }\n stack || (stack = new Stack);\n return equalObjects(object, other, bitmask, customizer, equalFunc,
stack);\n }\n\nmodule.exports = baseIsEqualDeep;\n\n\n","use strict";\n\nmodule.exports = require("./is-
implemented")() ? Object.keys : require("./shim");\n\n","var Hash = require('./_Hash'),\n ListCache =
require('./_ListCache'),\n Map = require('./_Map');\n\n/**\n * Removes all key-value entries from the map.\n * \n *
@private\n * @name clear\n * @memberOf MapCache\n * \nfunction mapCacheClear() {\n this.size = 0;\n
this.__data__ = {\n 'hash': new Hash,\n 'map': new (Map || ListCache),\n 'string': new Hash\n

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};\n}\n\nmodule.exports = mapCacheClear;\n", "var arrayPush = require('./_arrayPush'),\n  isArray = require('./isArray');\n\n/**\n * The base implementation of `getAllKeys` and `getAllKeysIn` which uses\n * `keysFunc` and `symbolsFunc` to get the enumerable property names and\n * symbols of `object`. \n * \n * @private\n * @param {Object} object The object to query.\n * @param {Function} keysFunc The function to get the keys of `object`. \n * @param {Function} symbolsFunc The function to get the symbols of `object`. \n * @returns {Array} Returns the array of property names and symbols.\n */\nfunction baseGetAllKeys(object, keysFunc, symbolsFunc) {\n  var result = keysFunc(object);\n  return isArray(object) ? result : arrayPush(result, symbolsFunc(object));\n}\n\nmodule.exports = baseGetAllKeys;\n", "var ListCache = require('./_ListCache'),\n  stackClear = require('./_stackClear'),\n  stackDelete = require('./_stackDelete'),\n  stackGet = require('./_stackGet'),\n  stackHas = require('./_stackHas'),\n  stackSet = require('./_stackSet');\n\n/**\n * Creates a stack cache object to store key-value pairs.\n * \n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n */\nfunction Stack(entries) {\n  var data = this.__data__ = new ListCache(entries);\n  this.size = data.size;\n}\n\n// Add methods to `Stack`\nStack.prototype.clear = stackClear;\nStack.prototype['delete'] = stackDelete;\nStack.prototype.get = stackGet;\nStack.prototype.has = stackHas;\nStack.prototype.set = stackSet;\n\nmodule.exports = Stack;\n", "/* Used to stand-in for `undefined` hash values. */\nvar\n  HASH_UNDEFINED = '__lodash_hash_undefined__';\n\n/**\n * Adds `value` to the array cache.\n * \n * @private\n * @name add\n * @memberOf SetCache\n * @alias push\n * @param {*} value The value to cache.\n * @returns {Object} Returns the cache instance.\n */\nfunction setCacheAdd(value) {\n  this.__data__.set(value, HASH_UNDEFINED);\n  return this;\n}\n\nmodule.exports = setCacheAdd;\n", "var def = require('./_object-dp').f;\n  var has = require('./_has');\n  var TAG = require('./_wks')('toStringTag');\n\nmodule.exports = function (it, tag, stat) {\n  if (it && !has(it = stat ? it : it.prototype, TAG)) def(it, TAG, { configurable: true, value: tag });\n};\n", "var dp = require('./_object-dp').f;\n  var FProto = Function.prototype;\n  var nameRE = /^\\s*function ([^ (]*);/;\n  var NAME = 'name';\n\n// 19.2.4.2 name\nNAME in FProto || require('./_descriptors') && dp(FProto, NAME, {\n  configurable: true,\n  get: function () {\n    try {\n      return (" + this).match(nameRE)[1];\n    } catch (e) {\n      return "";\n    }\n  }\n});\n", "import mod from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./GenericFooter.vue?vue&type=style&index=0&id=203025b4&lang=scss&scoped=true&\"; export default mod; export * from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./GenericFooter.vue?vue&type=style&index=0&id=203025b4&lang=scss&scoped=true&\"; /**\n * Gets the stack value for `key`. \n * \n * @private\n * @name get\n * @memberOf Stack\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry value.\n */\nfunction stackGet(key) {\n  return this.__data__.get(key);\n}\n\nmodule.exports = stackGet;\n", "/*\n * A specialized version of `_.forEach` for arrays without support for\n * iteratee shorthands.\n * \n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns `array`. \n */\nfunction arrayEach(array, iteratee) {\n  var index = -1,\n      length = array == null ? 0 : array.length;\n\n  while (++index < length) {\n    if (iteratee(array[index], index, array) === false) {\n      break;\n    }\n  }\n  return array;\n}\n\nmodule.exports = arrayEach;\n", "var global = require('./_global');\n  var macrotask = require('./_task').set;\n  var Observer = global.MutationObserver || global.WebKitMutationObserver;\n  var process = global.process;\n  var Promise = global.Promise;\n  var isNode = require('./_cof')(process) === 'process';\n\nmodule.exports = function () {\n  var head, last, notify;\n\n  var flush = function () {\n    var parent, fn;\n\n    if (isNode && (parent = process.domain)) parent.exit();\n\n    while (head) {\n      fn = head.fn;\n      head =

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head.next;\n  try {\n    fn();\n  } catch (e) {\n    if (head) notify();\n    else last = undefined;\n    throw
e;\n  }\n } last = undefined;\n if (parent) parent.enter();\n };\n\n // Node.js\n if (isNode) {\n  notify =
function () {\n    process.nextTick(flush);\n  };\n // browsers with MutationObserver, except iOS Safari -
https://github.com/zloirock/core-js/issues/339\n } else if (Observer && !(global.navigator &&
global.navigator.standalone)) {\n  var toggle = true;\n  var node = document.createTextNode("");\n  new
Observer(flush).observe(node, { characterData: true });\n // eslint-disable-line no-new\n  notify = function () {\n
node.data = toggle = !toggle;\n  };\n // environments with maybe non-completely correct, but existent Promise\n
} else if (Promise && Promise.resolve) {\n  // Promise.resolve without an argument throws an error in LG WebOS
2\n  var promise = Promise.resolve(undefined);\n  notify = function () {\n    promise.then(flush);\n  };\n // for
other environments - macrotask based on:\n // - setImmediate\n // - MessageChannel\n // - window.postMessage\n
// - onreadystatechange\n // - setTimeout\n } else {\n  notify = function () {\n    // strange IE + webpack dev
server bug - use .call(global)\n    macrotask.call(global, flush);\n  };\n }\n\n return function (fn) {\n  var task = {
fn: fn, next: undefined };\n  if (last) last.next = task;\n  if (!head) {\n    head = task;\n    notify();\n  } last =
task;\n  };\n};\n", "var core = module.exports = { version: '2.5.7' };\nif (typeof __e == 'number') __e = core;\n // eslint-
disable-line no-undef\n", "module.exports = { };\n", "/*\n * A faster alternative to `Function#apply`, this function
invokes `func`\n * with the `this` binding of `thisArg` and the arguments of `args`.\n * *\n * @private\n * @param
{Function} func The function to invoke.\n * @param {*} thisArg The `this` binding of `func`.\n * @param {Array}
args The arguments to invoke `func` with.\n * @returns {*} Returns the result of `func`.\n */\nfunction apply(func,
thisArg, args) {\n  switch (args.length) {\n    case 0: return func.call(thisArg);\n    case 1: return func.call(thisArg,
args[0]);\n    case 2: return func.call(thisArg, args[0], args[1]);\n    case 3: return func.call(thisArg, args[0], args[1],
args[2]);\n  }\n  return func.apply(thisArg, args);\n}\n\nmodule.exports = apply;\n", "var baseHasIn =
require('./_baseHasIn'),\n  hasPath = require('./_hasPath');\n\n/**\n * Checks if `path` is a direct or inherited
property of `object`.\n * *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Object\n * @param
{Object} object The object to query.\n * @param {Array|string} path The path to check.\n * @returns {boolean}
Returns `true` if `path` exists, else `false`.\n * @example\n *\n * var object = _create({ 'a': _create({ 'b': 2 }) });\n
*\n * _hasIn(object, 'a');\n * // => true\n *\n * _hasIn(object, 'a.b');\n * // => true\n *\n * _hasIn(object, ['a', 'b']);\n
*\n * // => true\n *\n * _hasIn(object, 'b');\n * // => false\n *\n * ^\nfunction hasIn(object, path) {\n  return object != null
&& hasPath(object, path, baseHasIn);\n}\n\nmodule.exports = hasIn;\n", "var anObject = require('./_an-object');\n\nvar
IE8_DOM_DEFINE = require('./_ie8-dom-define');\n\nvar toPrimitive = require('./_to-primitive');\n\nvar dP =
Object.defineProperty;\n\nvar exports.f = require('./_descriptors') ? Object.defineProperty : function defineProperty(O,
P, Attributes) {\n  anObject(O);\n  P = toPrimitive(P, true);\n  anObject(Attributes);\n  if (IE8_DOM_DEFINE) try
{\n    return dP(O, P, Attributes);\n  } catch (e) { /* empty */ }\n  if ('get' in Attributes || 'set' in Attributes) throw
TypeError('Accessors not supported!');\n  if ('value' in Attributes) O[P] = Attributes.value;\n  return O;\n};\n\n", " //
Works with __proto__ only. Old v8 can't work with null proto objects.\n */\n // eslint-disable no-proto\n\nvar isObject =
require('./_is-object');\n\nvar anObject = require('./_an-object');\n\nvar check = function (O, proto) {\n  anObject(O);\n
if (!isObject(proto) && proto !== null) throw TypeError(proto + ": can't set as prototype!");\n};\n\nmodule.exports =
{\n  set: Object.setPrototypeOf || ('__proto__' in {})\n // eslint-disable-line\n  function (test, buggy, set) {\n    try
{\n      set = require('./_ctx')(Function.call, require('./_object-gopd').f(Object.prototype, '__proto__').set, 2);\n
      set(test, []);\n      buggy = !(test instanceof Array);\n    } catch (e) { buggy = true; }\n    return function
setPrototypeOf(O, proto) {\n      check(O, proto);\n      if (buggy) O.__proto__ = proto;\n      else set(O, proto);\n
      return O;\n    };\n  }({}, false) : undefined,\n  check: check\n};\n", "module.exports = require(\"vue\");\n", "use
strict";\nObject.defineProperty(exports, '__esModule', { value: true });\n\nvar prefix = 'fab';\n\nvar iconName =
'facebook';\n\nvar width = 448;\n\nvar height = 512;\n\nvar ligatures = [];\n\nvar unicode = 'f09a';\n\nvar svgPathData =
'M448 56.7v398.5c0 13.7-11.1 24.7-24.7 24.7H309.1V306.5h58.2l8.7-67.6h-67.6v-43.2c0-19.6 5.4-32.9 33.5-
32.9h35.8v-60.5c-6.2-.8-27.4-2.7-52.2-2.7-51.6 0-87 31.5-87 89.4v49.9h-58.4v67.6h58.4V480H24.7C11.1 480 0
468.9 0 455.3V56.7C0 43.1 11.1 32 24.7 32h398.5c13.7 0 24.8 11.1 24.8 24.7z';\n\nexports.definition = {\n  prefix:
prefix,\n  iconName: iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  ]\n};\n\nexports.faFacebook = exports.definition;\n\nexports.prefix = prefix;\n\nexports.iconName =

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iconName;\nexports.width = width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode =  
unicode;\nexports.svgPathData = svgPathData;","import mod from \"-!../node_modules/mini-css-extract-  
plugin/dist/loader.js??ref--8-oneOf-1-0!../node_modules/css-loader/index.js??ref--8-oneOf-1-  
1!../node_modules/vue-loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--  
8-oneOf-1-2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-  
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-  
options!/FollowUsPopover.vue?vue&type=style&index=0&id=440d5984&lang=scss&scoped=true&\"; export  
default mod; export * from \"-!../node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-  
0!../node_modules/css-loader/index.js??ref--8-oneOf-1-1!../node_modules/vue-  
loader/lib/loaders/stylePostLoader.js!../node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-  
2!../node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!../node_modules/cache-loader/dist/cjs.js??ref--0-  
0!../node_modules/vue-loader/lib/index.js??vue-loader-  
options!/FollowUsPopover.vue?vue&type=style&index=0&id=440d5984&lang=scss&scoped=true&\";\"/>  
extracted by mini-css-extract-plugin\", \"module.exports =  
\\\"  
wD/AP+gvaeTAAACXBIWXMAAAAsTAAALEwEAmpwYAAAAB3RJTUUh4gkSEA4ZhpLcgAABedJREFU  
eNrtNvtsFFUYgL+Z2d22uy0N0FKLaL1LAIJEEWjECXWNBiiUDReXgQiCablQRMVm6BRAiIQzQmGjS+G  
BICJFWEeymoUSwxIGK4VA3hUm61FHrZy+zxYUtSCGB7Zpk5y/xfMg/dmX/Pv2e+OWfOmWkOCEJ4aLChrC  
K33VQs9eEdqzDTLh0CXy+BmgCqBqjs2QYDTq8Dk8BfwH6wvofYWuj+R057vwSpd2D1U3rhZVugrc2fVEtug  
OQsULXAGA9y7wJrDcRW+idL7C5wh2ucnqOQ+dF7+ZFaUAP6HxdtAqoSYcm9LTran9bCXgZWt36el9y6wH4  
XquNX/zfYCzVzXJenduBPvfKdabbZ9xP2fOhoBjUXKMpzAcWg3oaWfeBmlc7kMm2PmWIVx2HB18CTPhQ2  
DLLfgD0Csg2ixEVtn3kpJa6Dlkaf5OiFegfsj0QJowWpKIPORuDeYMPxR4H9iWhhrCCtnwJ3BJuDmgnOM6KGc  
YI400A9a0YU2Rw5rk4wRJB4NWQ/NqheBkHnZ6KHYJ0zwVKDKubJyAyXgQx4sZuZTSzetw5YRfEgHmQ1  
hlAuccv2QfWd8ABsFpBxYFRoOrJPaPRZRKUDIouwyJicKMGL7OYx8CeBe5aUJfYXfU6nFwE6mX9+km+BM  
yXLiYQKkuBezSDT0NsXE6Oy3G8A7KzwVrsQeBJcg8SGP+O1W/FrLcgeaBvxz78JrBbM8kRMGiACBLMfMM  
4zcCzcMvKvh++NQN2g34dtT8gggRz/6E7a7oFDib7FzJ6PXBKU+SxIkgwDNbsXvb0P2ZnGtiuKfJIESQYKjQF+  
Vszbqe/IosgAbUgnNUU5JBmeYNEkGDQHR10asa1iSCFJYgmltKMOyeChEIQ/WGTZlxEBBEEUUQQQQRR  
PCPkN18WR3oPbTLicChIP0rcLe0C9LFCKIIIIIIogggggiiCCCCCKIIIIIIogggggiiCCCCCKIIIIIIogggggii  
gggggiiCCCCCKIIIIIIzYh+8ep4hpIPa8R6EJ2oQhyzZO5GdR7GoFpIJSBcBjiCCCCCKIIIIIIogggggiiCCCCOIP3  
XphqlizPMvfpEUQR2iu30JcUyzNOE6LIMGgWfHqes3yykMqiB0yQRiuKZbuClenClyQoQUqiKW5Hq16VDPufs  
08jxSuG2UVQKlmsBu0ID9oBtZApJ8LIpZWAo/4nKcBdN3uIbg9YEGKGvVj3aVwW1Hfj+98H4jqLRXZVriCZF/  
wcAGfCViQzqPAQc3gMdC8Fsr+Z1mzBhvs+aCma5ZzBJLNhSIHZDyoGR4EaTdgosza6CG4Fs41g70EI09D0a1Q  
PhASVRAbBFycWNAEaoGH/DYVnhjVcbBfBXcJn4Kix0y4I2y6HJlzfZww1wOah6488AFUvm+Cpfn/zvzQfGNk  
Jp43mIgaAQWENQpaHvQwpO/VcnYcN0CQZDNYq4EpBp6FzZD63cxWj0S1IqrWECTCfMg56/SxWaeBGCJocX  
6ySBB0jvA+tywGloDmc0htSMNJV8ZJAjA0FeAPwxJ5jCUTQtX67EaOloME+RwF0Snor9ocr5wwXk02ltDakcW  
nKXn/zdsfZDUXnAmo730umcyYE+HzLYQtX4fQPoXQwUBByGyCyEO5Zt5XzoIzEdyV4ZWD7TC5ofcHhr5Rlt4  
FJfcBP/tU4KHcs53MtyGWYyskJsMqtWAEgdw0vBoL9tPAvtqUSbtYb0DNnZD+LcTdyocwZQKcO3mJnVUJsJT  
eFh3tzW+od8B5Eazd+rlesB0He1FuWt4P7IWaea67whxNxr7qYRNerveIOwLRbK6J1TLPpzoVS7wRW6LD4V  
kLajanvdCKvo2MmEnWBvA2QDpJIAKzvH1ibbp1bF1EIS+czmdG8ZGluUGBVdeEtgq/OaxKgFnKsGthOyQHmF  
SYJ0A+wRET0DdqYv71sLHqYPs+svsTPaMBFuAY2DtB/aAs6OnK+2zdRZCgdJgw5exCz+LZ2FvSupG8I3/ALz  
OxpMdcQ2AAAAAEIFTkSuQmCC\\\";\"/>  
19.1.2.7 / 15.2.3.4 Object.getOwnPropertyNames(O)\nvar $keys =  
require('./_object-keys-internal');\nvar hiddenKeys = require('./_enum-bug-keys').concat('length',  
'prototype');\n\nexports.f = Object.getOwnPropertyNames || function getOwnPropertyNames(O) {\n  return $keys(O,  
    hiddenKeys);\n};\n\n/**\n * Creates a unary function that invokes `func` with its argument transformed.\n * @private\n * @param {Function} func The function to wrap.\n * @param {Function} transform The argument  
  transform.\n * @returns {Function} Returns the new function.\n */\nfunction overArg(func, transform) {\n  return function(arg) {\n    return func(transform(arg));\n  };\n}\n\nmodule.exports = overArg;\n\nvar getMapData =  
require('./_getMapData');\n\n/**\n * Removes `key` and its value from the map.\n * @private\n * @name
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delete\n * @memberOf MapCache\n * @param {string} key The key of the value to remove.\n * @returns
{boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction mapCacheDelete(key) {\n  var result
= getMapData(this, key)['delete'](key);\n  this.size -= result ? 1 : 0;\n  return result;\n}\n\nmodule.exports =
mapCacheDelete;\n"},\n// ES2015 Symbol polyfill for environments that do not (or partially) support it\n\n'use
strict';\n\nvar d = require('d')\n  , validateSymbol = require('./validate-symbol')\n  , create = Object.create,
defineProperties = Object.defineProperties\n  , defineProperty = Object.defineProperty, objPrototype =
Object.prototype\n  , NativeSymbol, SymbolPolyfill, HiddenSymbol, globalSymbols = create(null)\n  ,
isNativeSafe;\n\nif (typeof Symbol === 'function') {\n  NativeSymbol = Symbol;\n} else {\n  generateName = (function ()
{\n    var created = create(null);\n    return function (desc) {\n      var postfix = 0, name, ie11BugWorkaround;\n      while
(created[desc + (postfix || "")] ++postfix;\n      desc += (postfix || "");\n      created[desc] = true;\n      name = '@' +
desc;\n      defineProperty(objPrototype, name, d.gs(null, function (value) {\n        For IE11 issue see:\n        https://connect.microsoft.com/IE/feedbackdetail/view/1928508/\n        ie11-broken-getters-on-dom-objects\n        https://github.com/medikoo/es6-symbol/issues/12\n        ie11BugWorkaround\n      }));\n      return name;\n    };\n  })\n  // Internal constructor (not one exposed) for creating Symbol
instances.\n  // This one is used to ensure that `someSymbol instanceof Symbol` always return false\n  HiddenSymbol =
function Symbol(description) {\n    if (this instanceof HiddenSymbol) throw new TypeError('Symbol is not a
constructor');\n    return SymbolPolyfill(description);\n  };\n  // Exposed `Symbol` constructor\n  // (returns instances of
HiddenSymbol)\n  module.exports = SymbolPolyfill = function Symbol(description) {\n    var symbol;\n    if (this
instanceof Symbol) throw new TypeError('Symbol is not a constructor');\n    if (isNativeSafe) return
NativeSymbol(description);\n    symbol = create(HiddenSymbol.prototype);\n    description = (description ===
undefined ? " : String(description));\n    return defineProperties(symbol, {\n      __description__: d(" ,
description),\n      __name__: d(" , generateName(description))\n    });\n  };\n  defineProperties(SymbolPolyfill, {\n    for:
d(function (key) {\n    if (globalSymbols[key]) return globalSymbols[key];\n    return (globalSymbols[key] =
SymbolPolyfill(String(key)));\n  })),\n    keyFor: d(function (s) {\n    var key;\n    validateSymbol(s);\n    for (key in
globalSymbols) if (globalSymbols[key] === s) return key;\n  })),\n    // To ensure proper interoperability with other
native functions (e.g. Array.from)\n    // fallback to eventual native implementation of given symbol\n    hasInstance:
d(" , (NativeSymbol && NativeSymbol.hasInstance) || SymbolPolyfill('hasInstance')),\n    isConcatSpreadable: d(" ,
(NativeSymbol && NativeSymbol.isConcatSpreadable) || SymbolPolyfill('isConcatSpreadable')),\n    iterator:
d(" , (NativeSymbol && NativeSymbol.iterator) || SymbolPolyfill('iterator')),\n    match: d(" , (NativeSymbol &&
NativeSymbol.match) || SymbolPolyfill('match')),\n    replace: d(" , (NativeSymbol && NativeSymbol.replace) ||
SymbolPolyfill('replace')),\n    search: d(" , (NativeSymbol && NativeSymbol.search) ||
SymbolPolyfill('search')),\n    species: d(" , (NativeSymbol && NativeSymbol.species) ||
SymbolPolyfill('species')),\n    split: d(" , (NativeSymbol && NativeSymbol.split) ||
SymbolPolyfill('split')),\n    toPrimitive: d(" , (NativeSymbol && NativeSymbol.toPrimitive) ||
SymbolPolyfill('toPrimitive')),\n    toStringTag: d(" , (NativeSymbol && NativeSymbol.toStringTag) ||
SymbolPolyfill('toStringTag')),\n    unscopables: d(" , (NativeSymbol && NativeSymbol.unscopables) ||
SymbolPolyfill('unscopables'))\n  });\n  // Internal tweaks for real symbol
producer\n  defineProperties(HiddenSymbol.prototype, {\n    constructor: d(SymbolPolyfill),\n    toString: d(" , function
() { return this.__name__; })\n  });\n  // Proper implementation of methods exposed on Symbol.prototype\n  // They
won't be accessible on produced symbol instances as they derive from
HiddenSymbol.prototype\n  defineProperties(SymbolPolyfill.prototype, {\n    toString: d(function () { return 'Symbol
(' + validateSymbol(this).__description__ + ')'; })),\n    valueOf: d(function () { return validateSymbol(this);
})\n  });\n  defineProperty(SymbolPolyfill.prototype, SymbolPolyfill.toPrimitive, d(" , function () {\n    var symbol =
validateSymbol(this);\n    if (typeof symbol === 'symbol') return symbol;\n    return
symbol.toPrimitive();\n  }));\n  defineProperty(SymbolPolyfill.prototype, SymbolPolyfill.toStringTag, d('c',
'Symbol'));\n  // Proper implementaton of toPrimitive and toStringTag for returned symbol

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instances\ndefineProperty(HiddenSymbol.prototype, SymbolPolyfill.toStringTag,\n\t'd('c',
SymbolPolyfill.prototype[SymbolPolyfill.toStringTag]));\n\n// Note: It's important to define `toPrimitive` as last
one, as some implementations\n// implement `toPrimitive` natively without implementing `toStringTag` (or other
specified symbols)\n// And that may invoke error in definition flow:\n// See: https://github.com/medikoo/es6-
symbol/issues/13#issuecomment-164146149\ndefineProperty(HiddenSymbol.prototype,
SymbolPolyfill.toPrimitive,\n\t'd('c', SymbolPolyfill.prototype[SymbolPolyfill.toPrimitive]));\n\n,"var isArrayLike =
require('./isArrayLike');\n\n/**\n * Creates a `baseEach` or `baseEachRight` function.\n * \n * @private\n * @param
{Function} eachFunc The function to iterate over a collection.\n * @param {boolean} [fromRight] Specify iterating
from right to left.\n * @returns {Function} Returns the new base function.\n *\nfunction createBaseEach(eachFunc,
fromRight) {\n  return function(collection, iteratee) {\n    if (collection == null) {\n      return collection;\n    }\n    if
(!isArrayLike(collection)) {\n      return eachFunc(collection, iteratee);\n    }\n    var length = collection.length,\n    index = fromRight ? length - 1 : 0,\n    iterable = Object(collection);\n\n    while ((fromRight ? index-- : ++index <
length)) {\n      if (iteratee(iterable[index], index, iterable) === false) {\n        break;\n      }\n    }\n    return
collection;\n  };\n}\n\nmodule.exports = createBaseEach;\n\n,"var baseGetTag = require('./_baseGetTag'),\n\nisObject = require('./isObject');\n\n/**\n * `Object#toString` result references. *\nvar asyncTag = '[object
AsyncFunction]',\n  funcTag = '[object Function]',\n  genTag = '[object GeneratorFunction]',\n  proxyTag =
'[object Proxy]';\n\n/**\n * Checks if `value` is classified as a `Function` object.\n * \n * @static\n * @memberOf
_\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns
`true` if `value` is a function, else `false`.\n * @example\n *\n * _.isFunction(_);\n * // => true\n *\n *
_.isFunction(/abc/);\n * // => false\n *\nfunction isFunction(value) {\n  if (!isObject(value)) {\n    return false;\n
}\n  // The use of `Object#toString` avoids issues with the `typeof` operator\n  // in Safari 9 which returns 'object' for
typed arrays and other constructors.\n  var tag = baseGetTag(value);\n  return tag == funcTag || tag == genTag || tag
== asyncTag || tag == proxyTag;\n}\n\nmodule.exports = isFunction;\n\n,"/**\n * Performs a\n *
[SameValueZero`](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * comparison between two
values to determine if they are equivalent.\n * \n * @static\n * @memberOf _\n * @since 4.0.0\n * @category
Lang\n * @param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @returns
{boolean} Returns `true` if the values are equivalent, else `false`.\n * @example\n *\n * var object = { 'a': 1 };
\n * var other = { 'a': 1 };
\n * _.eq(object, object);\n * // => true\n *\n * _.eq(object, other);\n * // => false\n *\n *
_.eq('a', 'a');\n * // => true\n *\n * _.eq('a', Object('a'));\n * // => false\n *\n *
_.eq(NaN, NaN);\n * // => true\n *\nfunction eq(value, other) {\n  return value === other || (value !== value && other !==
other);\n}\n\nmodule.exports = eq;\n\n,"var Stack = require('./_Stack'),\n  baseIsEqual =
require('./_baseIsEqual');\n\n/**\n * Used to compose bitmasks for value comparisons. *\nvar
COMPARE_PARTIAL_FLAG = 1,\n  COMPARE_UNORDERED_FLAG = 2;\n\n/**\n * The base
implementation of `_.isMatch` without support for iteratee shorthands.\n * \n * @private\n * @param {Object}
object The object to inspect.\n * @param {Object} source The object of property values to match.\n * @param
{Array} matchData The property names, values, and compare flags to match.\n * @param {Function} [customizer]
The function to customize comparisons.\n * @returns {boolean} Returns `true` if `object` is a match, else `false`.\n
*\nfunction baseIsMatch(object, source, matchData, customizer) {\n  var index = matchData.length,\n    length =
index,\n    noCustomizer = !customizer;\n\n  if (object == null) {\n    return !length;\n  }\n  object =
Object(object);\n  while (index--) {\n    var data = matchData[index];\n    if ((noCustomizer && data[2])\n      ?
data[1] !== object[data[0]]\n      : !(data[0] in object)\n      ) {\n      return false;\n    }\n  }\n  while (++index <
length) {\n    data = matchData[index];\n    var key = data[0],\n        objValue = object[key],\n        srcValue =
data[1];\n\n    if (noCustomizer && data[2]) {\n      if (objValue === undefined && !(key in object)) {\n        return
false;\n      }\n    } else {\n      var stack = new Stack;\n      if (customizer) {\n        var result = customizer(objValue,
srcValue, key, object, source, stack);\n        if (!result === undefined\n          ? baseIsEqual(srcValue,
objValue, COMPARE_PARTIAL_FLAG | COMPARE_UNORDERED_FLAG, customizer, stack)\n          :
result\n        ) {\n          return false;\n        }\n      }\n    }\n  }\n  return true;\n}\n\nmodule.exports = baseIsMatch;\n\n","use
strict";\n\nvar isValue = require('./is-value');\n\nmodule.exports = function (value) {\n  if (!isValue(value)) throw

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new TypeError("\Cannot use null or undefined");\n\nreturn value;\n};\n", "var baseEach = require('./_baseEach'),\n isArrayLike = require('./isArrayLike');\n\n/**\n * The base implementation of `_.map` without support for iteratee shorthands.\n * @private\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns the new mapped array.\n */\nfunction baseMap(collection, iteratee) {\n  var index = -1,\n      result = isArrayLike(collection) ?\n  Array(collection.length) : [];\n\n  baseEach(collection, function(value, key, collection) {\n    result[++index] =\n    iteratee(value, key, collection);\n  });\n\n  return result;\n}\n\nmodule.exports = baseMap;\n", "/*\n * Creates a base function for methods like `_.forIn` and `_.forOwn`.\n * @private\n * @param {boolean} [fromRight] Specify iterating from right to left.\n * @returns {Function} Returns the new base function.\n */\nfunction\ncreateBaseFor(fromRight) {\n  return function(object, iteratee, keysFunc) {\n    var index = -1,\n        iterable =\n    Object(object),\n        props = keysFunc(object),\n        length = props.length;\n\n    while (length--) {\n      var key =\n    props[fromRight ? length : ++index];\n\n      if (iteratee(iterable[key], key, iterable) === false) {\n        break;\n      }\n\n      return object;\n    }\n\n    return object;\n  };\n}\n\nmodule.exports = createBaseFor;\n", "var freeGlobal =\nrequire('./_freeGlobal');\n\n/**\n * Detect free variable `exports`.\n * @nvar freeExports = typeof exports == 'object' &&\nexports && !exports.nodeType && exports;\n\n/**\n * Detect free variable `module`.\n * @nvar freeModule = freeExports\n&& typeof module == 'object' && module && !module.nodeType && module;\n\n/**\n * Detect the popular\nCommonJS extension `module.exports`.\n * @nvar moduleExports = freeModule && freeModule.exports ===\nfreeExports;\n\n/**\n * Detect free variable `process` from Node.js.\n * @nvar freeProcess = moduleExports &&\nfreeGlobal.process;\n\n/**\n * Used to access faster Node.js helpers.\n * @nvar nodeUtil = (function() {\n  try {\n    // Use\n`util.types` for Node.js 10+.\n    var types = freeModule && freeModule.require &&\nfreeModule.require('util').types;\n\n    if (types) {\n      return types;\n    }\n\n    // Legacy `process.binding('util')` for\nNode.js < 10.\n    return freeProcess && freeProcess.binding && freeProcess.binding('util');\n  } catch (e)\n  {\n    }\n\n    return nodeUtil;\n  }, "var eq = require('./eq'),\n  isArrayLike = require('./isArrayLike'),\n  isIndex = require('./_isIndex'),\n  isObject = require('./isObject');\n\n/**\n * Checks if the given arguments are from\nan iteratee call.\n * @private\n * @param {*} value The potential iteratee value argument.\n * @param {*} index The potential iteratee index or key argument.\n * @param {*} object The potential iteratee object argument.\n * @returns {boolean} Returns `true` if the arguments are from an iteratee call,\n * else `false`.\n */\nfunction\nisIterateeCall(value, index, object) {\n  if (!isObject(object)) {\n    return false;\n  }\n\n  var type = typeof index;\n\n  if (type == 'number'\n      ? (isArrayLike(object) && isIndex(index, object.length))\n      : (type == 'string' && index\nin object))\n    return eq(object[index], value);\n\n  return false;\n}\n\nmodule.exports =\nisIterateeCall;\n", "var baseGet = require('./_baseGet');\n\n/**\n * Gets the value at `path` of `object`. If the resolved\nvalue is `undefined`, the `defaultValue` is returned in its place.\n * @private\n * @static\n * @memberOf _\n * @since\n3.7.0\n * @category Object\n * @param {Object} object The object to query.\n * @param {Array|string} path The path of the property to get.\n * @param {*} [defaultValue] The value returned for `undefined` resolved values.\n * @returns {*} Returns the resolved value.\n * @example\n * var object = { 'a': { 'b': { 'c': 3 } } };\n * _\n.get(object, 'a[b].c');\n * // => 3\n * _\n.get(object, ['a', 'b', 'c']);\n * // => 3\n * _\n.get(object, 'a.b.c',\n'default');\n * // => 'default'\n */\nfunction\nget(object, path, defaultValue) {\n  var result = object == null ? undefined\n: baseGet(object, path);\n\n  return result === undefined ? defaultValue : result;\n}\n\nmodule.exports = get;\n", "/*\noptional / simple context binding\n */\nvar aFunction = require('./_a-function');\n\nmodule.exports = function (fn, that,\nlength) {\n  aFunction(fn);\n\n  if (that === undefined) return fn;\n\n  switch (length) {\n    case 1: return function (a) {\n      return fn.call(that, a);\n    }; \n    case 2: return function (a, b) {\n      return fn.call(that, a, b);\n    }; \n    case 3: return function (a, b, c) {\n      return fn.call(that, a, b, c);\n    }; \n  }\n\n  return function (*...args*) {\n    return\nfn.apply(that, arguments);\n  };\n};\n\n", "/*\nDeprecated\n */\n\nmodule.exports = function (obj) {\n  return\ntypeof obj === "function";\n};\n\n", "/*\n22.1.3.31 Array.prototype[@@unscopables]\n */\n\nvar UNSCOPABLES =\nrequire('./_wks')('unscopables');\n\nvar ArrayProto = Array.prototype;\n\nif (ArrayProto[UNSCOPABLES] ===\nundefined) require('./_hide')(ArrayProto, UNSCOPABLES, {});\n\nmodule.exports = function (key) {\n  return\nArrayProto[UNSCOPABLES][key] = true;\n};\n\n", "module.exports = function (exec) {\n  try {\n    return { e: false,\n    v: exec() };\n  } catch (e) {\n    return { e: true, v: e };\n  }\n};\n\n", "/*\n7.1.15 ToLength\n */\n\nvar toInteger = require('./_to-to-
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integer');\nvar min = Math.min;\nmodule.exports = function (it) {\n  return it > 0 ? min(toInteger(it), 0x1fffffffffffff)
: 0; // pow(2, 53) - 1 == 9007199254740991\n};\n", "// Thank's IE8 for his funny defineProperty\nmodule.exports =
!require('./_fails')(function () {\n  return Object.defineProperty({}, 'a', { get: function () { return 7; } });\n}).a !==
7;\n});\n", "var root = require('./_root');\n\n/** Built-in value references. */\nvar Symbol =
root.Symbol;\n\nmodule.exports = Symbol;\n", "var global = require('./_global');\n\nvar navigator =
global.navigator;\n\nmodule.exports = navigator && navigator.userAgent || "";\n", "var SetCache =
require('./_SetCache'),\n  arraySome = require('./_arraySome'),\n  cacheHas = require('./_cacheHas');\n\n/** Used
to compose bitmasks for value comparisons. */\nvar COMPARE_PARTIAL_FLAG = 1,\n  COMPARE_UNORDERED_FLAG = 2;\n\n/**\n * A specialized version of `baseIsEqualDeep` for arrays with
support for\n * partial deep comparisons.\n * @private\n * @param {Array} array The array to compare.\n *
@param {Array} other The other array to compare.\n * @param {number} bitmask The bitmask flags. See
`baseIsEqual` for more details.\n * @param {Function} customizer The function to customize comparisons.\n *
@param {Function} equalFunc The function to determine equivalents of values.\n * @param {Object} stack Tracks
traversed `array` and `other` objects.\n * @returns {boolean} Returns `true` if the arrays are equivalent, else
`false`.\n */\nfunction equalArrays(array, other, bitmask, customizer, equalFunc, stack) {\n  var isPartial = bitmask
& COMPARE_PARTIAL_FLAG,\n    arrLength = array.length,\n    othLength = other.length;\n\n  if (arrLength
!== othLength && !(isPartial && othLength > arrLength)) {\n    return false;\n  }\n  // Assume cyclic values are
equal.\n  var stacked = stack.get(array);\n  if (stacked && stack.get(other)) {\n    return stacked === other;\n  }\n  var
index = -1,\n    result = true,\n    seen = (bitmask & COMPARE_UNORDERED_FLAG) ? new SetCache :
undefined;\n\n  stack.set(array, other);\n  stack.set(other, array);\n\n  // Ignore non-index properties.\n  while
(++index < arrLength) {\n    var arrValue = array[index],\n        othValue = other[index];\n\n    if (customizer) {\n
      var compared = isPartial\n        ? customizer(othValue, arrValue, index, other, array, stack)\n        :
customizer(arrValue, othValue, index, array, other, stack);\n      if (compared !== undefined) {\n        if
(compared) {\n          continue;\n        }\n        result = false;\n        break;\n      }\n      // Recursively compare arrays
(susceptible to call stack limits).\n      if (seen) {\n        if (!arraySome(other, function(othValue, othIndex) {\n          if
(!cacheHas(seen, othIndex) &&\n              (arrValue === othValue || equalFunc(arrValue, othValue, bitmask,
customizer, stack))) {\n            return seen.push(othIndex);\n          }\n        })) {\n          result = false;\n
          break;\n        }\n      }\n    } else if (!(arrValue === othValue ||\n        equalFunc(arrValue, othValue, bitmask,
customizer, stack)\n      )) {\n      result = false;\n      break;\n    }\n  }\n  stack['delete'](array);\n
stack['delete'](other);\n  return result;\n}\n\nmodule.exports = equalArrays;\n", "var constant = require('./constant'),\n
defineProperty = require('./_defineProperty'),\n  identity = require('./identity');\n\n/**\n * The base
implementation of `setToString` without support for hot loop shorting.\n * @private\n * @param {Function}
func The function to modify.\n * @param {Function} string The `toString` result.\n * @returns {Function} Returns
`func`.\n */\nvar baseSetToString = !defineProperty ? identity : function(func, string) {\n  return
defineProperty(func, 'toString', {\n    'configurable': true,\n    'enumerable': false,\n    'value': constant(string),\n
    'writable': true\n  });\n};\n\nmodule.exports = baseSetToString;\n", "// @@replace logic\nrequire('./_fix-re-
wks')('replace', 2, function (defined, REPLACE, $replace) {\n  // 21.1.3.14 String.prototype.replace(searchValue,
replaceValue)\n  return [function replace(searchValue, replaceValue) {\n    'use strict';\n    var O = defined(this);\n
    var fn = searchValue == undefined ? undefined : searchValue[REPLACE];\n    return fn !== undefined\n      ?
fn.call(searchValue, O, replaceValue)\n      : $replace.call(String(O), searchValue, replaceValue);\n  },
  $replace;\n});\n", "var getMapData = require('./_getMapData');\n\n/**\n * Checks if a map value for `key` exists.\n *
@private\n * @name has\n * @memberOf MapCache\n * @param {string} key The key of the entry to
check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction
mapCacheHas(key) {\n  return getMapData(this, key).has(key);\n}\n\nmodule.exports = mapCacheHas;\n", "use
strict";\n\n// 25.4.1.5 NewPromiseCapability(C)\nvar aFunction = require('./_a-function');\n\nfunction
PromiseCapability(C) {\n  var resolve, reject;\n  this.promise = new C(function ($$resolve, $$reject) {\n    if
(resolve !== undefined || reject !== undefined) throw TypeError('Bad Promise constructor');\n    resolve =
$$resolve;\n    reject = $$reject;\n  });\n  this.resolve = aFunction(resolve);\n  this.reject =

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aFunction(reject);\n\nmodule.exports.f = function (C) {\n  return new PromiseCapability(C);\n};\n", "var
baseGetAllKeys = require('./_baseGetAllKeys'),\n  getSymbols = require('./_getSymbols'),\n  keys =
require('./keys');\n\n/**\n * Creates an array of own enumerable property names and symbols of `object`.\n *\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of property
names and symbols.\n */\nfunction getAllKeys(object) {\n  return baseGetAllKeys(object, keys,
getSymbols);\n}\n\nmodule.exports = getAllKeys;\n", "var $export = require('./_export');\nvar defined =
require('./_defined');\nvar fails = require('./_fails');\nvar spaces = require('./_string-ws');\nvar space = '[' + spaces +
']';\nvar non = '\\u200b\\u0085';\nvar ltrim = RegExp('^ + space + space + *');\nvar rtrim = RegExp(space + space +
*');\n\nvar exporter = function (KEY, exec, ALIAS) {\n  var exp = {};\n  var FORCE = fails(function () {\n
return !!spaces[KEY]() || non[KEY]() != non;\n });\n  var fn = exp[KEY] = FORCE ? exec(trim) : spaces[KEY];\n
if (ALIAS) exp[ALIAS] = fn;\n  $export($export.P + $export.F * FORCE, 'String', exp);\n};\n\n// 1 ->
String#trimLeft\n// 2 -> String#trimRight\n// 3 -> String#trim\nvar trim = exporter.trim = function (string, TYPE)
{\n  string = String(defined(string));\n  if (TYPE & 1) string = string.replace(ltrim, '');\n  if (TYPE & 2) string =
string.replace(rtrim, '');\n  return string;\n};\n\nmodule.exports = exporter;\n", "7.2.8 IsRegExp(argument)\nvar
isObject = require('./_is-object');\nvar cof = require('./_cof');\nvar MATCH =
require('./_wks')('match');\n\nmodule.exports = function (it) {\n  var isRegExp;\n  return isObject(it) && ((isRegExp =
it[MATCH]) !== undefined ? !!isRegExp : cof(it) == 'RegExp');\n};\n\n", "/*\n * Converts `set` to an array of its
values.\n *\n * @private\n * @param {Object} set The set to convert.\n * @returns {Array} Returns the values.\n
*/\nfunction setToArray(set) {\n  var index = -1,\n      result = Array(set.size);\n  set.forEach(function(value) {\n
result[++index] = value;\n });\n  return result;\n}\n\nmodule.exports = setToArray;\n", "var $iterators =
require('./es6.array.iterator');\nvar getKeys = require('./_object-keys');\nvar redefine = require('./_redefine');\nvar
global = require('./_global');\nvar hide = require('./_hide');\nvar Iterators = require('./_iterators');\nvar wks =
require('./_wks');\nvar ITERATOR = wks('iterator');\nvar TO_STRING_TAG = wks('toStringTag');\nvar
ArrayValues = Iterators.Array;\nvar DOMIterables = {\n  CSSRuleList: true, // TODO: Not spec compliant,
should be false.\n  CSSStyleDeclaration: false,\n  CSSValueList: false,\n  ClientRectList: false,\n  DOMRectList:
false,\n  DOMStringList: false,\n  DOMTokenList: true,\n  DataTransferItemList: false,\n  FileList: false,\n
HTMLAllCollection: false,\n  HTMLCollection: false,\n  HTMLFormElement: false,\n  HTMLSelectElement:
false,\n  MediaList: true, // TODO: Not spec compliant, should be false.\n  MimeTypeArray: false,\n
NamedNodeMap: false,\n  NodeList: true,\n  PaintRequestList: false,\n  Plugin: false,\n  PluginArray: false,\n
SVGLengthList: false,\n  SVGNumberList: false,\n  SVGPathSegList: false,\n  SVGPointList: false,\n
SVGStringList: false,\n  SVGTransformList: false,\n  SourceBufferList: false,\n  StyleSheetList: true, // TODO: Not
spec compliant, should be false.\n  TextTrackCueList: false,\n  TextTrackList: false,\n  TouchList: false\n};\n\nfor
(var collections = getKeys(DOMIterables), i = 0; i < collections.length; i++) {\n  var NAME = collections[i];\n  var
explicit = DOMIterables[NAME];\n  var Collection = global[NAME];\n  var proto = Collection &&
Collection.prototype;\n  var key;\n  if (proto) {\n    if (!proto[ITERATOR]) hide(proto, ITERATOR,
ArrayValues);\n    if (!proto[TO_STRING_TAG]) hide(proto, TO_STRING_TAG, NAME);\n    Iterators[NAME] =
ArrayValues;\n    if (explicit) for (key in $iterators) if (!proto[key]) redefine(proto, key, $iterators[key], true);\n
}\n}\n\n", "/*\n * The base implementation of `_.unary` without support for storing metadata.\n *\n * @private\n *
@param {Function} func The function to cap arguments for.\n * @returns {Function} Returns the new capped
function.\n */\nfunction baseUnary(func) {\n  return function(value) {\n    return func(value);\n
};\n}\n\nmodule.exports = baseUnary;\n", "use strict";\nObject.defineProperty(exports, '__esModule', { value: true
});\nvar prefix = 'fas';\nvar iconName = 'clipboard';\nvar width = 384;\nvar height = 512;\nvar ligatures = [];\nvar
unicode = 'f328';\nvar svgPathData = 'M384 112v352c0 26.51-21.49 48-48 48H48c-26.51 0-48-21.49-48-
48V112c0-26.51 21.49-48 48-48h80c0-35.29 28.71-64 64-64s64 28.71 64 64h80c26.51 0 48 21.49 48 48zM192
40c-13.255 0-24 10.745-24 24s10.745 24 24 24-10.745 24-24-10.745-24-24-24m96 114v-20a6 6 0 0 0-6-
6H102a6 6 0 0 0-6 6v20a6 6 0 0 0 6 6h180a6 6 0 0 0 6-6z';\n\nexports.definition = {\n  prefix: prefix,\n
iconName: iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n ]};\n\nexports.faClipboard
= exports.definition;\n\nexports.prefix = prefix;\n\nexports.iconName = iconName;\n\nexports.width =

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width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode = unicode;\nexports.svgPathData =
svgPathData;","var getAllKeys = require('./_getAllKeys');\n\n/** Used to compose bitmasks for value comparisons.
*\nvar COMPARE_PARTIAL_FLAG = 1;\n\n/** Used for built-in method references. *\nvar objectProto =
Object.prototype;\n\n/** Used to check objects for own properties. *\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * A specialized version of `baseIsEqualDeep` for objects with support for\n *
partial deep comparisons.\n * \n * @private\n * @param {Object} object The object to compare.\n * @param
{Object} other The other object to compare.\n * @param {number} bitmask The bitmask flags. See `baseIsEqual`
for more details.\n * @param {Function} customizer The function to customize comparisons.\n * @param
{Function} equalFunc The function to determine equivalents of values.\n * @param {Object} stack Tracks
traversed `object` and `other` objects.\n * @returns {boolean} Returns `true` if the objects are equivalent, else
`false`.\n *\nfunction equalObjects(object, other, bitmask, customizer, equalFunc, stack) {\n  var isPartial = bitmask
& COMPARE_PARTIAL_FLAG,\n      objProps = getAllKeys(object),\n      objLength = objProps.length,\n
      othProps = getAllKeys(other),\n      othLength = othProps.length;\n\n  if (objLength !== othLength && !isPartial) {\n
    return false;\n  }\n  var index = objLength;\n  while (index--) {\n    var key = objProps[index];\n    if (!(isPartial ?
key in other : hasOwnProperty.call(other, key))) {\n      return false;\n    }\n  }\n  // Assume cyclic values are equal.\n
var stacked = stack.get(object);\n  if (stacked && stack.get(other)) {\n    return stacked === other;\n  }\n  var result =
true;\n  stack.set(object, other);\n  stack.set(other, object);\n\n  var skipCtor = isPartial;\n  while (++index <
objLength) {\n    key = objProps[index];\n    var objValue = object[key],\n        othValue = other[key];\n\n    if
(customizer) {\n      var compared = isPartial\n        ? customizer(othValue, objValue, key, other, object, stack)\n
: customizer(objValue, othValue, key, object, other, stack);\n    }\n    // Recursively compare objects (susceptible to
call stack limits).\n    if (!(compared === undefined\n      ? (objValue === othValue || equalFunc(objValue,
othValue, bitmask, customizer, stack))\n      : compared\n    )) {\n      result = false;\n      break;\n    }\n
    skipCtor || (skipCtor = key === 'constructor');\n  }\n  if (result && !skipCtor) {\n    var objCtor = object.constructor,\n
        othCtor = other.constructor;\n\n    // Non `Object` object instances with different constructors are not equal.\n
if (objCtor !== othCtor &&\n      ('constructor' in object && 'constructor' in other) &&\n      !(typeof objCtor ===
'function' && objCtor instanceof objCtor &&\n        typeof othCtor === 'function' && othCtor instanceof othCtor))\n
{\n      result = false;\n    }\n  }\n  stack['delete'](object);\n  stack['delete'](other);\n  return
result;\n}\n\nmodule.exports = equalObjects;\n\n","/** Used as references for various `Number` constants. *\nvar
MAX_SAFE_INTEGER = 9007199254740991;\n\n/**\n * Checks if `value` is a valid array-like length.\n *\n *
**Note:** This method is loosely based on\n * [ `ToLength` ](http://ecma-international.org/ecma-262/7.0/#sec-to-length).\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is a valid length, else `false`.\n *\n * @example\n *\n *
_.isLength(3);\n * // => true\n *\n * _.isLength(Number.MIN_VALUE);\n * // => false\n *\n *
_.isLength(Infinity);\n * // => false\n *\n * _.isLength('3');\n * // => false\n *\nfunction isLength(value) {\n  return
typeof value === 'number' &&\n    value > -1 && value % 1 === 0 && value <=
MAX_SAFE_INTEGER;\n}\n\nmodule.exports = isLength;\n\n","!n * clipboard.js v2.0.4\n *
https://zenorocha.github.io/clipboard.js\n * \n * Licensed MIT © Zeno Rocha\n *\n(function
webpackUniversalModuleDefinition(root, factory) {\n  if(typeof exports === 'object' && typeof module ===
'object')\n    module.exports = factory();\n  else if(typeof define === 'function' && define.amd)\n    define([],
factory);\n  else if(typeof exports === 'object')\n    exports["ClipboardJS"] =
factory();\n  else\n    root["ClipboardJS"] = factory();\n})(this, function() {\n  return /*****/ (function(modules) {\n
// webpackBootstrap\n/*****/\n// The module cache\n/*****/\nvar installedModules = {};\n/*****/\n/*****/\n// The require function\n/*****/\nfunction __webpack_require__(moduleId) {\n/*****/\n/*****/\n// Check if
module is in cache\n/*****/\nif(installedModules[moduleId]) {\n/*****/\n  return
installedModules[moduleId].exports;\n/*****/\n}\n/*****/\n// Create a new module (and put it into the
cache)\n/*****/\nvar module = installedModules[moduleId] = {\n/*****/\n  id: moduleId,\n/*****/\n  exports: {},\n/*****/\n  __webpack_exports__: {};\n/*****/\n}\n/*****/\n/*****/\n// Execute the module function\n/*****/\nmodules[moduleId].call(module.exports, module, module.exports, __webpack_require__);
/*****/\n/*****/\n}

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Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass; }\n\n/**\n * Base class which
takes one or more elements, adds event listeners to them,\n * and instantiates a new `ClipboardAction` on each
click.\n *\nvar Clipboard = function (_Emitter) {\n  _inherits(Clipboard, _Emitter);\n\n  /**\n   * @param
{String|HTMLElement|HTMLCollection|NodeList} trigger\n   * @param {Object} options\n   *\n  function
Clipboard(trigger, options) {\n    _classCallCheck(this, Clipboard);\n\n    var _this =
_possibleConstructorReturn(this, (Clipboard.__proto__ || Object.getPrototypeOf(Clipboard)).call(this));\n\n
_this.resolveOptions(options);\n    _this.listenClick(trigger);\n    return _this;\n  }\n\n  /**\n   * Defines if
attributes would be resolved using internal setter functions\n   * or custom functions that were passed in the
constructor.\n   * @param {Object} options\n   *\n\n  _createClass(Clipboard, [{\n    key:
'resolveOptions',\n    value: function resolveOptions() {\n      var options = arguments.length > 0 &&
arguments[0] !== undefined ? arguments[0] : {};\n\n      this.action = typeof options.action === 'function' ?
options.action : this.defaultAction;\n      this.target = typeof options.target === 'function' ? options.target :
this.defaultTarget;\n      this.text = typeof options.text === 'function' ? options.text : this.defaultText;\n
this.container = _typeof(options.container) === 'object' ? options.container : document.body;\n    }]\n\n    /**\n     *
Adds a click event listener to the passed trigger.\n     * @param
{String|HTMLElement|HTMLCollection|NodeList} trigger\n     *\n\n    }, {\n      key: 'listenClick',\n      value:
function listenClick(trigger) {\n        var _this2 = this;\n\n        this.listener = (0,
_goodListener2.default)(trigger, 'click', function (e) {\n          return _this2.onClick(e);\n        });\n      }\n\n    }
\n\n    /**\n     * Defines a new `ClipboardAction` on each click event.\n     * @param {Event} e\n     *\n\n    },
{\n      key: 'onClick',\n      value: function onClick(e) {\n        var trigger = e.delegateTarget ||
e.currentTarget;\n\n        if (this.clipboardAction) {\n          this.clipboardAction = null;\n        }\n\n
this.clipboardAction = new _clipboardAction2.default({\n          action: this.action(trigger),\n          target:
this.target(trigger),\n          text: this.text(trigger),\n          container: this.container,\n          trigger:
trigger,\n          emitter: this\n        });\n      }\n\n    }]\n\n    /**\n     * Default `action` lookup function.\n     *
@param {Element} trigger\n     *\n\n    }, {\n      key: 'defaultAction',\n      value: function
defaultAction(trigger) {\n        return getAttributeValue('action', trigger);\n      }\n\n    }]\n\n    /**\n     * Default
`target` lookup function.\n     * @param {Element} trigger\n     *\n\n    }, {\n      key: 'defaultTarget',\n      value:
function defaultTarget(trigger) {\n        var selector = getAttributeValue('target', trigger);\n\n        if
(selector) {\n          return document.querySelector(selector);\n        }\n      }\n\n    }]\n\n    /**\n     * Returns the
support of the given action, or all actions if no action is\n     * given.\n     * @param {String} [action]\n     *\n\n    },
{\n      key: 'defaultText',\n    }]\n\n    /**\n     * Default `text` lookup function.\n     * @param
{Element} trigger\n     *\n\n    value: function defaultText(trigger) {\n      return getAttributeValue('text',
trigger);\n    }\n\n  }]\n\n  /**\n   * Destroy lifecycle.\n   *\n\n  }, {\n    key: 'destroy',\n    value:
function destroy() {\n      this.listener.destroy();\n\n      if (this.clipboardAction) {\n
this.clipboardAction.destroy();\n      this.clipboardAction = null;\n    }\n  }]\n\n  }, [{\n    key:
'isSupported',\n    value: function isSupported() {\n      var action = arguments.length > 0 && arguments[0]
!== undefined ? arguments[0] : ['copy', 'cut'];\n\n      var actions = typeof action === 'string' ? [action] : action;\n
      var support = !!document.queryCommandSupported;\n\n      actions.forEach(function (action) {\n
support = support && !!document.queryCommandSupported(action);\n      });\n\n      return support;\n    }\n  }]);\n\n  return Clipboard;\n})(_tinyEmitter2.default);\n\n/**\n * Helper function to retrieve attribute value.\n
* @param {String} suffix\n * @param {Element} element\n *\n\nfunction getAttributeValue(suffix, element) {\n  var attribute = 'data-clipboard-' + suffix;\n\n  if (!element.hasAttribute(attribute)) {\n    return;\n  }\n\n  return
element.getAttribute(attribute);\n}\n\nmodule.exports = Clipboard;\n\n/***/ }),\n\n/* 1 */\n\n/***/ (function(module,
exports, __webpack_require__) {\n\n  \"use strict\";\n\n  var _typeof = typeof Symbol === \"function\" && typeof
Symbol.iterator === \"symbol\" ? function (obj) { return typeof obj; } : function (obj) { return obj && typeof
Symbol === \"function\" && obj.constructor === Symbol && obj !== Symbol.prototype ? \"symbol\" : typeof obj;\n};\n\nvar _createClass = function () { function defineProperties(target, props) { for (var i = 0; i < props.length; i++)
{ var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false; descriptor.configurable = true; if

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("value" in descriptor) descriptor.writable = true; Object.defineProperty(target, descriptor.key, descriptor); } }
return function (Constructor, protoProps, staticProps) { if (protoProps) defineProperties(Constructor.prototype,
protoProps); if (staticProps) defineProperties(Constructor, staticProps); return Constructor; }; }());\n\nvar _select =
__webpack_require__(2);\n\nvar _interopRequireDefault = _interopRequireDefault(_select);\n\nfunction
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction
_classCallCheck(instance, Constructor) { if (!(instance instanceof Constructor)) { throw new TypeError("Cannot
call a class as a function"); } }\n\n/**\n * Inner class which performs selection from either `text` or `target`\n *
properties and then executes copy or cut operations.\n */\n\nvar ClipboardAction = function () {\n  /**\n   *
@param {Object} options\n   */\n   function ClipboardAction(options) {\n     _classCallCheck(this,
ClipboardAction);\n\n     this.resolveOptions(options);\n     this.initSelection();\n   }\n\n   /**\n    * Defines
base properties passed from constructor.\n    * @param {Object} options\n    */\n\n   _createClass(ClipboardAction, [{\n     key: 'resolveOptions',\n     value: function resolveOptions() {\n       var
options = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n\n       this.action =
options.action;\n       this.container = options.container;\n       this.emitter = options.emitter;\n       this.target
= options.target;\n       this.text = options.text;\n       this.trigger = options.trigger;\n\n       this.selectedText
= "";\n     } }\n\n     /**\n      * Decides which selection strategy is going to be applied based\n      * on the
existence of `text` and `target` properties.\n      */\n     }, {\n       key: 'initSelection',\n       value: function
initSelection() {\n         if (this.text) {\n           this.selectFake();\n         } else if (this.target) {\n
this.selectTarget();\n         }\n       } }\n\n     /**\n      * Creates a fake textarea element, sets its value from `text`
property,\n      * and makes a selection on it.\n      */\n     }, {\n       key: 'selectFake',\n       value: function
selectFake() {\n         var _this = this;\n\n         var isRTL = document.documentElement.getAttribute('dir') ===
'rtl';\n\n         this.removeFake();\n\n         this.fakeHandlerCallback = function () {\n           return
_this.removeFake();\n         };\n         this.fakeHandler = this.container.addEventListener('click',
this.fakeHandlerCallback) || true;\n\n         this.fakeElem = document.createElement('textarea');\n         // Prevent
zooming on iOS\n         this.fakeElem.style.fontSize = '12pt';\n         // Reset box model\n         this.fakeElem.style.border = '0';\n         this.fakeElem.style.padding = '0';\n         this.fakeElem.style.margin =
'0';\n         // Move element out of screen horizontally\n         this.fakeElem.style.position = 'absolute';\n         this.fakeElem.style[isRTL ? 'right' : 'left'] = '-9999px';\n         // Move element to the same position vertically\n
         var yPos = window.pageYOffset || document.documentElement.scrollTop;\n         this.fakeElem.style.top =
yPosition + 'px';\n         this.fakeElem.setAttribute('readonly', '');\n         this.fakeElem.value = this.text;\n\n         this.container.appendChild(this.fakeElem);\n         this.selectedText = (0, _interopRequireDefault)(this.fakeElem);\n\n         this.copyText();\n       } }\n\n     /**\n      * Only removes the fake element after another click event, that
way\n      * a user can hit `Ctrl+C` to copy because selection still exists.\n      */\n     }, {\n       key:
'removeFake',\n       value: function removeFake() {\n         if (this.fakeHandler) {\n           this.container.removeEventListener('click', this.fakeHandlerCallback);\n           this.fakeHandler = null;\n\n           this.fakeHandlerCallback = null;\n         }\n\n         if (this.fakeElem) {\n           this.container.removeChild(this.fakeElem);\n           this.fakeElem = null;\n         }\n       } }\n\n     /**\n      *
Selects the content from element passed on `target` property.\n      */\n     }, {\n       key: 'selectTarget',\n       value: function selectTarget() {\n         this.selectedText = (0, _interopRequireDefault)(this.target);\n\n         this.copyText();\n       } }\n\n     /**\n      * Executes the copy operation based on the current selection.\n      */\n     }, {\n       key: 'copyText',\n       value: function copyText() {\n         var succeeded = void 0;\n\n         try {\n           succeeded = document.execCommand(this.action);\n         } catch (err) {\n           succeeded =
false;\n         }\n\n         this.handleResult(succeeded);\n       } }\n\n     /**\n      * Fires an event based on the
copy operation result.\n      * @param {Boolean} succeeded\n      */\n     }, {\n       key: 'handleResult',\n       value: function handleResult(succeeded) {\n         this.emitter.emit(succeeded ? 'success' : 'error', {\n           action: this.action,\n           text: this.selectedText,\n           trigger: this.trigger,\n           clearSelection:
this.clearSelection.bind(this)\n         });\n       } }\n\n     /**\n      * Moves focus away from `target` and back to
the trigger, removes current selection.\n      */\n     }, {\n       key: 'clearSelection',\n       value: function

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clearSelection() {\n      if (this.trigger) {\n          this.trigger.focus();\n      }\n\n      window.getSelection().removeAllRanges();\n    }\n\n    /**\n     * Sets the `action` to be performed which can be either 'copy' or 'cut'.\n     * @param {String} action\n     * ^\n     }, {\n     key: 'destroy',\n\n     /**\n     * Destroy lifecycle.\n     * ^\n     value: function destroy() {\n         this.removeFake();\n     }\n     },\n     {\n     key: 'action',\n     set: function set() {\n         var action = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : 'copy';\n         this._action = action;\n         if (this._action !== 'copy' && this._action !== 'cut') {\n             throw new Error('Invalid \"action\" value, use either \"copy\" or \"cut\"');\n         }\n     }\n     /**\n     * Gets the `action` property.\n     * @return {String}\n     * ^\n     },\n     get: function get() {\n         return this._action;\n     }\n     /**\n     * Sets the `target` property using an element\n     * that will be have its content copied.\n     * @param {Element} target\n     * ^\n     }, {\n     key: 'target',\n     set: function set(target) {\n         if (target !== undefined) {\n             if (target && (typeof target === 'undefined' ? 'undefined' : _typeof(target)) === 'object' && target.nodeType === 1) {\n                 if (this.action === 'copy' && target.hasAttribute('disabled')) {\n                     throw new Error('Invalid \"target\" attribute. Please use \"readonly\" instead of \"disabled\" attribute');\n                 }\n                 if (this.action === 'cut' && (target.hasAttribute('readonly') || target.hasAttribute('disabled'))) {\n                     throw new Error('Invalid \"target\" attribute. You can\\'t cut text from elements with \"readonly\" or \"disabled\" attributes');\n                 }\n                 this._target = target;\n             } else {\n                 throw new Error('Invalid \"target\" value, use a valid Element');\n             }\n         }\n     }\n     /**\n     * Gets the `target` property.\n     * @return {String|HTMLElement}\n     * ^\n     },\n     get: function get() {\n         return this._target;\n     }\n     });\n\n     return ClipboardAction;\n   };\n\n   module.exports = ClipboardAction;\n\n   /**\n    * ^\n    */\n   (function(module, exports) {\n\n     function select(element) {\n         var selectedText;\n\n         if (element.nodeName === 'SELECT') {\n             element.focus();\n             selectedText = element.value;\n         } else if (element.nodeName === 'INPUT' || element.nodeName === 'TEXTAREA') {\n             var isReadOnly = element.hasAttribute('readonly');\n\n             if (!isReadOnly) {\n                 element.setAttribute('readonly', '');\n             }\n\n             element.select();\n\n             element.setSelectionRange(0, element.value.length);\n\n             if (!isReadOnly) {\n                 element.removeAttribute('readonly');\n             }\n\n             selectedText = element.value;\n         } else {\n             if (element.hasAttribute('contenteditable')) {\n                 element.focus();\n             }\n\n             var selection = window.getSelection();\n             var range = document.createRange();\n             range.selectNodeContents(element);\n             selection.removeAllRanges();\n             selection.addRange(range);\n             selectedText = selection.toString();\n         }\n\n         return selectedText;\n     }\n\n     module.exports = select;\n\n     /**\n      * ^\n      */\n     (function(module, exports) {\n\n       // Keep this empty so it's easier to inherit from\n       // (via https://github.com/lipsmack from https://github.com/scottcorgan/tiny-emitter/issues/3)\n       E.prototype = {\n         on: function (name, callback, ctx) {\n             var e = this.e || (this.e = {});\n\n             (e[name] || (e[name] = [])).push({\n               fn: callback,\n               ctx: ctx\n             });\n\n             return this;\n         },\n         once: function (name, callback, ctx) {\n             var self = this;\n             function listener () {\n                 self.off(name, listener);\n                 callback.apply(ctx, arguments);\n             }\n\n             listener._ = callback\n             return this.on(name, listener, ctx);\n         },\n         emit: function (name) {\n             var data = [].slice.call(arguments, 1);\n             var evtArr = ((this.e || (this.e = {}))[name] || []).slice();\n             var i = 0;\n             var len = evtArr.length;\n             for (i; i < len; i++) {\n                 evtArr[i].fn.apply(evtArr[i].ctx, data);\n             }\n\n             return this;\n         },\n         off: function (name, callback) {\n             var e = this.e || (this.e = {});\n             var evts = e[name];\n             var liveEvents = [];\n\n             if (evts && callback) {\n                 for (var i = 0, len = evts.length; i < len; i++) {\n                     if (evts[i].fn !== callback && evts[i].fn._ !== callback) {\n                         liveEvents.push(evts[i]);\n                     }\n                 }\n\n                 // Remove event from queue to prevent memory leak\n                 // Suggested by https://github.com/lazd\n                 // Ref: https://github.com/scottcorgan/tiny-emitter/commit/c6ebfaa9bc973b33d110a84a307742b7cf94c953#commitcomment-5024910\n                 (liveEvents.length)\n                 ? e[name] = liveEvents\n                 : delete e[name];\n\n                 return this;\n             }\n\n             return this;\n         }\n     });\n\n     module.exports = E;\n\n     /**\n      * ^\n      */\n     (function(module, exports, __webpack_require__) {\n\n       var is = __webpack_require__(5);\n       var delegate = __webpack_require__(6);\n\n       /**\n        * Validates all params and calls the right\n        * listener function based on its target type.\n        * *\n        * @param {String|HTMLElement|HTMLCollection|NodeList} target\n        * @param {String} type\n        * @param {Function}

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callback\n * @return {Object}\n *\nfunction listen(target, type, callback) {\n  if (!target && !type && !callback)\n  {\n    throw new Error('Missing required arguments');\n  }\n  if (!is.string(type)) {\n    throw new\n  TypeError('Second argument must be a String');\n  }\n  if (!is.fn(callback)) {\n    throw new TypeError('Third\n  argument must be a Function');\n  }\n  if (is.node(target)) {\n    return listenNode(target, type, callback);\n  }\n  else if (is.nodeList(target)) {\n    return listenNodeList(target, type, callback);\n  }\n  else if\n  (is.string(target)) {\n    return listenSelector(target, type, callback);\n  }\n  else {\n    throw new\n  TypeError('First argument must be a String, HTMLElement, HTMLCollection, or NodeList');\n  }\n}\n\n/**\n * Adds an event listener to a HTML element\n * and returns a remove listener function.\n *\n * @param\n * {HTMLElement} node\n * @param {String} type\n * @param {Function} callback\n * @return {Object}\n *\nfunction listenNode(node, type, callback) {\n  node.addEventListener(type, callback);\n  return {\n  destroy: function() {\n    node.removeEventListener(type, callback);\n  }}\n}\n\n/**\n * Add an event\n  listener to a list of HTML elements\n * and returns a remove listener function.\n *\n * @param\n * {NodeList|HTMLCollection} nodeList\n * @param {String} type\n * @param {Function} callback\n * @return\n * {Object}\n *\nfunction listenNodeList(nodeList, type, callback) {\n  Array.prototype.forEach.call(nodeList,\n  function(node) {\n    node.addEventListener(type, callback);\n  });\n  return {\n  destroy: function() {\n    Array.prototype.forEach.call(nodeList, function(node) {\n      node.removeEventListener(type, callback);\n    });\n  }}\n}\n\n/**\n * Add an event listener to a selector\n * and returns a remove listener function.\n *\n * @param {String} selector\n * @param {String} type\n * @param {Function} callback\n * @return\n * {Object}\n *\nfunction listenSelector(selector, type, callback) {\n  return delegate(document.body, selector, type,\n  callback);\n}\n\nmodule.exports = listen;\n\n/**\n * Check if argument is a HTML element.\n *\n * @param {Object} value\n * @return {Boolean}\n *\nexports.node\n = function(value) {\n  return value !== undefined\n  && value instanceof HTMLElement\n  &&\n  value.nodeType === 1;\n}\n\n/**\n * Check if argument is a list of HTML elements.\n *\n * @param {Object}\n * value\n * @return {Boolean}\n *\nexports.nodeList = function(value) {\n  var type =\n  Object.prototype.toString.call(value);\n  return value !== undefined\n  && (type === '[object NodeList]' ||\n  type === '[object HTMLCollection]')\n  && ('length' in value)\n  && (value.length === 0 ||\n  exports.node(value[0]));\n}\n\n/**\n * Check if argument is a string.\n *\n * @param {Object} value\n * @return\n * {Boolean}\n *\nexports.string = function(value) {\n  return typeof value === 'string'\n  || value instanceof\n  String;\n}\n\n/**\n * Check if argument is a function.\n *\n * @param {Object} value\n * @return {Boolean}\n *\nexports.fn = function(value) {\n  var type = Object.prototype.toString.call(value);\n  return type === '[object\n  Function]';\n}\n\n/**\n * (function(module, exports, __webpack_require__)\n * {\n *   var closest =\n *   __webpack_require__(7);\n * }\n *\n * Delegates event to a selector.\n *\n * @param {Element} element\n * @param\n * {String} selector\n * @param {String} type\n * @param {Function} callback\n * @param {Boolean} useCapture\n * @return {Object}\n *\nfunction _delegate(element, selector, type, callback, useCapture) {\n  var listenerFn =\n  listener.apply(this, arguments);\n  element.addEventListener(type, listenerFn, useCapture);\n  return {\n  destroy: function() {\n    element.removeEventListener(type, listenerFn, useCapture);\n  }}\n}\n\n/**\n * Delegates event to a selector.\n *\n * @param {Element|String|Array} [elements]\n * @param {String} selector\n * @param {String} type\n * @param {Function} callback\n * @param {Boolean} useCapture\n * @return\n * {Object}\n *\nfunction delegate(elements, selector, type, callback, useCapture) {\n  // Handle the regular Element\n  usage\n  if (typeof elements.addEventListener === 'function') {\n    return _delegate.apply(null, arguments);\n  }\n  // Handle Element-less usage, it defaults to global delegation\n  if (typeof type === 'function') {\n    //\n  Use `document` as the first parameter, then apply arguments`\n  without running into deoptimizations\n    return _delegate.bind(null, document).apply(null, arguments);\n  }\n  // Handle Selector-based usage\n  if (typeof elements === 'string') {\n    elements =\n  document.querySelectorAll(elements);\n  }\n  // Handle Array-like based usage\n  return\n  Array.prototype.map.call(elements, function (element) {\n    return _delegate(element, selector, type, callback,\n  useCapture);\n  });\n}\n\n/**\n * Finds closest match and invokes callback.\n *\n * @param {Element} element\n * @param {String} selector\n * @param {String} type\n * @param {Function} callback\n * @return {Function}\n
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*\nfunction listener(element, selector, type, callback) {\n  return function(e) {\n    e.delegateTarget =
closest(e.target, selector);\n    if (e.delegateTarget) {\n      callback.call(element, e);\n    }\n  }\n}\n\nmodule.exports = delegate;\n\n/***/ }),\n\n/* 7 */\n/***/ (function(module, exports) {\n\nvar
DOCUMENT_NODE_TYPE = 9;\n\n/**\n * A polyfill for Element.matches()\n */\n\nif (typeof Element !==
'undefined' && !Element.prototype.matches) {\n  var proto = Element.prototype;\n  proto.matches =
proto.matchesSelector ||\n    proto.mozMatchesSelector ||\n    proto.msMatchesSelector ||\n    proto.oMatchesSelector ||\n    proto.webkitMatchesSelector;\n}\n\n/**\n * Finds the closest parent
that matches a selector.\n */\n\n@param {Element} element\n * @param {String} selector\n * @return
{Function}\n */\n\nfunction closest(element, selector) {\n  while (element && element.nodeType !==
DOCUMENT_NODE_TYPE) {\n    if (typeof element.matches === 'function' &&\n      element.matches(selector)) {\n      return element;\n    }\n    element = element.parentNode;\n  }\n}\n\nmodule.exports = closest;\n\n/***/
})\n\n/***/ });\n\n},"use strict";\n\nvar isSymbol = require('./is-symbol');\n\nmodule.exports = function (value) {\n  if (!isSymbol(value)) throw new TypeError(value + " is not a
symbol");\n  return value;\n};\n\n","var assocIndexOf = require('./_assocIndexOf');\n\n/**\n * Gets the list cache
value for `key`.\n */\n\n * @private\n * @name get\n * @memberOf ListCache\n * @param {string} key The key of
the value to get.\n * @returns {*} Returns the entry value.\n */\n\nfunction listCacheGet(key) {\n  var data =
this.__data__;\n  index = assocIndexOf(data, key);\n  return index < 0 ? undefined :
data[index][1];\n}\n\nmodule.exports = listCacheGet;\n\n","var getNative = require('./_getNative'),\n  root =
require('./_root');\n\n/* Built-in method references that are verified to be native. */\n\nvar DataView = getNative(root,
'DataView');\n\nmodule.exports = DataView;\n\n","use strict";\n\nvar validTypes = { object: true, symbol: true
};\n\nmodule.exports = function () {\n  if (typeof symbol; \n  if (typeof Symbol !== 'function') return false;\n  if (typeof Symbol ===
'Symbol('test symbol');\n  try { String(symbol); } catch (e) { return false; }\n  // Return 'true' also for polyfills\n  if (!validTypes[typeof Symbol.iterator]) return false;\n  if (!validTypes[typeof Symbol.toPrimitive]) return false;\n  if (!validTypes[typeof Symbol.toStringTag]) return false;\n  return true;\n};\n\n","var baseMatches =
require('./_baseMatches'),\n  baseMatchesProperty = require('./_baseMatchesProperty'),\n  identity =
require('./_identity'),\n  isArray = require('./isArray'),\n  property = require('./_property');\n\n/**\n * The base
implementation of `_.iteratee`.\n */\n\n * @private\n * @param {*} [value=_identity] The value to convert to an
iteratee.\n * @returns {Function} Returns the iteratee.\n */\n\nfunction baseIteratee(value) {\n  // Don't store the
`typeof` result in a variable to avoid a JIT bug in Safari 9.\n  // See https://bugs.webkit.org/show_bug.cgi?id=156034
for more details.\n  if (typeof value === 'function') {\n    return value;\n  }\n  if (value === null) {\n    return identity;\n  }\n  if (typeof value === 'object') {\n    return isArray(value)\n      ? baseMatchesProperty(value[0], value[1])\n      :
baseMatches(value);\n  }\n  return property(value);\n}\n\nmodule.exports = baseIteratee;\n\n","var nativeCreate =
require('./_nativeCreate');\n\n/**\n * Used to stand-in for `undefined` hash values. */\n\nvar HASH_UNDEFINED =
'__lodash_hash_undefined__';\n\n/**\n * Used for built-in method references. */\n\nvar objectProto =
Object.prototype;\n\n/**\n * Used to check objects for own properties. */\n\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * Gets the hash value for `key`.\n */\n\n * @private\n * @name get\n *
@param {string} key The key of the value to get.\n * @returns {*} Returns the entry
value.\n */\n\nfunction hashGet(key) {\n  var data = this.__data__;\n  if (nativeCreate) {\n    var result = data[key];\n    return result === HASH_UNDEFINED ? undefined : result;\n  }\n  return hasOwnProperty.call(data, key) ?
data[key] : undefined;\n}\n\nmodule.exports = hashGet;\n\n","var anObject = require('./_an-object');\n\nvar isObject =
require('./_is-object');\n\nvar newPromiseCapability = require('./_new-promise-capability');\n\nmodule.exports =
function (C, x) {\n  anObject(C);\n  if (isObject(x) && x.constructor === C) return x;\n  var promiseCapability =
newPromiseCapability.f(C);\n  var resolve = promiseCapability.resolve;\n  resolve(x);\n  return
promiseCapability.promise;\n};\n\n","// 7.2.1 RequireObjectCoercible(argument)\n\nmodule.exports = function (it) {\n
if (it === undefined) throw TypeError("Can't call method on " + it);\n  return it;\n};\n\n","function
_defineProperties(target, props) {\n  for (var i = 0; i < props.length; i++) {\n    var descriptor = props[i];\n    descriptor.enumerable = descriptor.enumerable || false;\n    descriptor.configurable = true;\n    if (!"value" in
descriptor) descriptor.writable = true;\n    Object.defineProperty(target, descriptor.key, descriptor);\n  }\n}\n\n\nexport

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    }\n } catch (err) {\n   _d = true;\n   _e = err;\n } finally {\n   try {\n     if (!_n && !_i[\"return\"])\n     _i[\"return\"]();\n   } finally {\n     if (_d) throw _e;\n   }\n }\n\n return _arr;\n }\n\n return function (arr, i)\n {\n   if (Array.isArray(arr)) {\n     return arr;\n   } else if (Symbol.iterator in Object(arr)) {\n     return\n     sliceIterator(arr, i);\n   } else {\n     throw new TypeError(\"Invalid attempt to destructure non-iterable\n     instance\");\n   }\n };;\n\n\nvar toConsumableArray = function (arr) {\n   if (Array.isArray(arr)) {\n     for (var i =\n     0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];\n\n     return arr2;\n   } else {\n     return\n     Array.from(arr);\n   }\n};;\n\n\nvar initial = WINDOW.FontAwesomeConfig || {};\n\n\nfunction getAttrConfig(attr) {\n   var element = DOCUMENT.querySelector('script[' + attr + ']');\n\n   if (element) {\n     return\n     element.getAttribute(attr);\n   }\n}\n\n\nfunction coerce(val) {\n   // Getting an empty string will occur if the attribute is\n   set on the HTML tag but without a value\n   // We'll assume that this is an indication that it should be toggled to\n   true\n   // For example <script data-search-pseudo-elements src=\"...\"></script>\n   if (val === \"\") return true;\n   if (val === 'false') return false;\n   if (val === 'true') return true;\n   return val;\n}\n\n\nif (DOCUMENT && typeof\nDOCUMENT.querySelector === 'function') {\n   var attrs = [['data-family-prefix', 'familyPrefix'], ['data-\nreplacement-class', 'replacementClass'], ['data-auto-replace-svg', 'autoReplaceSvg'], ['data-auto-add-css',\n'autoAddCss'], ['data-auto-a11y', 'autoA11y'], ['data-search-pseudo-elements', 'searchPseudoElements'], ['data-\nobserve-mutations', 'observeMutations'], ['data-keep-original-source', 'keepOriginalSource'], ['data-measure-\nperformance', 'measurePerformance'], ['data-show-missing-icons', 'showMissingIcons']];\n\n   attrs.forEach(function\n(_ref) {\n     var _ref2 = slicedToArray(_ref, 2),\n         attr = _ref2[0],\n         key = _ref2[1];\n\n     var val =\n     coerce(getAttrConfig(attr));\n\n     if (val !== undefined && val !== null) {\n       initial[key] = val;\n     }\n   });\n\n\n   var _default = _extends({\n     familyPrefix: DEFAULT_FAMILY_PREFIX,\n     replacementClass:\n     DEFAULT_REPLACEMENT_CLASS,\n     autoReplaceSvg: true,\n     autoAddCss: true,\n     autoA11y: true,\n     searchPseudoElements: false,\n     observeMutations: true,\n     keepOriginalSource: true,\n     measurePerformance:\n     false,\n     showMissingIcons: true\n   }, initial);\n\n   if (!_default.autoReplaceSvg) _default.observeMutations =\nfalse;\n\n   var config = _extends({}, _default);\n\n   WINDOW.FontAwesomeConfig = config;\n\n   var w = WINDOW ||\n   {};\n\n   if (!w[NAMESPACE_IDENTIFIER]) w[NAMESPACE_IDENTIFIER] = {};\n\n   if (!w[NAMESPACE_IDENTIFIER].styles) w[NAMESPACE_IDENTIFIER].styles = {};\n\n   if (!w[NAMESPACE_IDENTIFIER].hooks) w[NAMESPACE_IDENTIFIER].hooks = {};\n\n   if (!w[NAMESPACE_IDENTIFIER].shims) w[NAMESPACE_IDENTIFIER].shims = [];\n\n   var namespace =\n   w[NAMESPACE_IDENTIFIER];\n\n   var functions = [];\n   var listener = function listener() {\n     DOCUMENT.removeEventListener('DOMContentLoaded', listener);\n     loaded = 1;\n     functions.map(function (fn)\n     {\n       return fn();\n     });\n   };;\n\n   var loaded = false;\n\n   if (IS_DOM) {\n     loaded =\n     (DOCUMENT.documentElement.doScroll ? /^loaded|^c/ : /^loaded|^i|^c/).test(DOCUMENT.readyState);\n\n     if\n     (!loaded) DOCUMENT.addEventListener('DOMContentLoaded', listener);\n   }\n\n   var domready = function (fn) {\n     if (!IS_DOM) return;\n     loaded ? setTimeout(fn, 0) : functions.push(fn);\n   };;\n\n   var d = UNITS_IN_GRID;\n\n   var\n   meaninglessTransform = {\n     size: 16,\n     x: 0,\n     y: 0,\n     rotate: 0,\n     flipX: false,\n     flipY: false\n   };;\n\n   function\n   isReserved(name) {\n     return ~RESERVED_CLASSES.indexOf(name);\n   }\n\n   function insertCss(css) {\n     if\n     (!css || !IS_DOM) {\n       return;\n     }\n\n     var style = DOCUMENT.createElement('style');\n     style.setAttribute('type',\n     'text/css');\n     style.innerHTML = css;\n     var headChildren = DOCUMENT.head.childNodes;\n     var beforeChild =\n     null;\n\n     for (var i = headChildren.length - 1; i > -1; i--) {\n       var child = headChildren[i];\n       var tagName =\n       (child.tagName || '').toUpperCase();\n       if (['STYLE', 'LINK'].indexOf(tagName) > -1) {\n         beforeChild = child;\n       }\n     }\n\n     DOCUMENT.head.insertBefore(style, beforeChild);\n\n     return css;\n   }\n\n   var idPool =\n   '0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ';\n\n   function nextUniqueId()\n   {\n     var size = 12;\n     var id = \"\";\n     while (size-- > 0) {\n       id += idPool[Math.random() * 62 | 0];\n     }\n     return\n     id;\n   }\n\n   function toArray(obj) {\n     var array = [];\n     for (var i = (obj || []).length >>> 0; i--;) {\n       array[i] =\n       obj[i];\n     }\n     return array;\n   }\n\n   function classArray(node) {\n     if (node.classList) {\n       return\n       toArray(node.classList);\n     } else {\n       return (node.getAttribute('class') || '').split(' ').filter(function (i) {\n         return\n         i;\n       });\n     }\n   }\n\n   function getIconName(familyPrefix, cls) {\n     var parts = cls.split('-');\n     var prefix = parts[0];\n     var\n     iconName = parts.slice(1).join('-');\n\n     if (prefix === familyPrefix && iconName !== \" &&

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!isReserved(iconName)) {\n  return iconName;\n } else {\n  return null;\n }\n}\n\nfunction htmlEscape(str) {\n
return (" + str).replace(/&/g, '&amp;').replace(/"/g, '&quot;').replace(/'/g, '&#39;').replace(/</g, '&lt;').replace(/>/g,
'&gt;');\n}\n\nfunction joinAttributes(attributes) {\n  return Object.keys(attributes || {}).reduce(function (acc,
attributeName) {\n    return acc + (attributeName + '=' + htmlEscape(attributes[attributeName]) + '" '); \n  },
'').trim();\n}\n\nfunction joinStyles(styles) {\n  return Object.keys(styles || {}).reduce(function (acc, styleName) {\n
return acc + (styleName + ': ' + styles[styleName] + ';'); \n  }, '');\n}\n\nfunction transformIsMeaningful(transform)
{\n  return transform.size !== meaninglessTransform.size || transform.x !== meaninglessTransform.x || transform.y
!== meaninglessTransform.y || transform.rotate !== meaninglessTransform.rotate || transform.flipX ||
transform.flipY;\n}\n\nfunction transformForSvg(_ref) {\n  var transform = _ref.transform,\n    containerWidth =
_ref.containerWidth,\n    iconWidth = _ref.iconWidth;\n\n  var outer = {\n    transform: 'translate(' +
containerWidth / 2 + ' 256)\n  };\n  var innerTranslate = 'translate(' + transform.x * 32 + ', ' + transform.y * 32 + ')
';\n  var innerScale = 'scale(' + transform.size / 16 * (transform.flipX ? -1 : 1) + ', ' + transform.size / 16 *
(transform.flipY ? -1 : 1) + ')';\n  var innerRotate = 'rotate(' + transform.rotate + ' 0 0)';\n  var inner = {\n
transform: innerTranslate + ' ' + innerScale + ' ' + innerRotate\n  };\n  var path = {\n    transform: 'translate(' +
iconWidth / 2 * -1 + ' -256)\n  };\n  return {\n    outer: outer,\n    inner: inner,\n    path: path\n  };\n}\n\nfunction
transformForCss(_ref2) {\n  var transform = _ref2.transform,\n    _ref2$width = _ref2.width,\n    width =
_ref2$width === undefined ? UNITS_IN_GRID : _ref2$width,\n    _ref2$height = _ref2.height,\n    height =
_ref2$height === undefined ? UNITS_IN_GRID : _ref2$height,\n    _ref2$startCentered = _ref2.startCentered,\n
startCentered = _ref2$startCentered === undefined ? false : _ref2$startCentered;\n\n  var val = '';\n  if
(startCentered && IS_IE) {\n    val += 'translate(' + (transform.x / d - width / 2) + 'em, ' + (transform.y / d - height /
2) + 'em)';\n  } else if (startCentered) {\n    val += 'translate(calc(-50% + ' + transform.x / d + 'em), calc(-50% + ' +
transform.y / d + 'em))';\n  } else {\n    val += 'translate(' + transform.x / d + 'em, ' + transform.y / d + 'em)';\n  }\n
}\n\n  val += 'scale(' + transform.size / d * (transform.flipX ? -1 : 1) + ', ' + transform.size / d * (transform.flipY ? -1 : 1) +
')';\n  val += 'rotate(' + transform.rotate + 'deg)';\n\n  return val;\n}\n\nvar ALL_SPACE = {\n  x: 0,\n  y: 0,\n
width: '100%',\n  height: '100%\n};\n\nvar makeIconMasking = function (_ref) {\n  var children = _ref.children,\n
attributes = _ref.attributes,\n  main = _ref.main,\n  mask = _ref.mask,\n  transform = _ref.transform;\n  var
mainWidth = main.width,\n  mainPath = main.icon;\n  var maskWidth = mask.width,\n  maskPath =
mask.icon;\n\n  var trans = transformForSvg({ transform: transform, containerWidth: maskWidth, iconWidth:
mainWidth });\n\n  var maskRect = {\n    tag: 'rect',\n    attributes: _extends({}, ALL_SPACE, {\n      fill: 'white'\n
})\n  };\n  var maskInnerGroup = {\n    tag: 'g',\n    attributes: _extends({}, trans.inner),\n    children: [{ tag: 'path',
attributes: _extends({}, mainPath.attributes, trans.path, { fill: 'black' }) }\n  ];\n  var maskOuterGroup = {\n    tag:
'g',\n    attributes: _extends({}, trans.outer),\n    children: [maskInnerGroup]\n  };\n  var maskId = 'mask-' +
nextUniqueId();\n  var clipId = 'clip-' + nextUniqueId();\n  var maskTag = {\n    tag: 'mask',\n    attributes:
_extends({}, ALL_SPACE, {\n      id: maskId,\n      maskUnits: 'userSpaceOnUse',\n      maskContentUnits:
'userSpaceOnUse'\n    }),\n    children: [maskRect, maskOuterGroup]\n  };\n  var defs = {\n    tag: 'defs',\n
children: [{ tag: 'clipPath', attributes: { id: clipId }, children: [maskPath] }, maskTag]\n  };\n\n  children.push(defs, {
tag: 'rect', attributes: _extends({ fill: 'currentColor', 'clip-path': 'url(#' + clipId + ')', mask: 'url(#' + maskId + ') ' },
ALL_SPACE)});\n  return {\n    children: children,\n    attributes: attributes\n  };\n}\n\nvar makeIconStandard =
function (_ref) {\n  var children = _ref.children,\n    attributes = _ref.attributes,\n    main = _ref.main,\n
transform = _ref.transform,\n    styles = _ref.styles;\n\n  var styleString = joinStyles(styles);\n\n  if
(styleString.length > 0) {\n    attributes['style'] = styleString;\n  }\n\n  if (transformIsMeaningful(transform)) {\n
var trans = transformForSvg({ transform: transform, containerWidth: main.width, iconWidth: main.width });\n
children.push({\n    tag: 'g',\n    attributes: _extends({}, trans.outer),\n    children: [{\n      tag: 'g',\n
attributes: _extends({}, trans.inner),\n      children: [{\n        tag: main.icon.tag,\n        children:
main.icon.children,\n        attributes: _extends({}, main.icon.attributes, trans.path)\n      }]\n    }]\n  });\n  } else
{\n    children.push(main.icon);\n  }\n\n  return {\n    children: children,\n    attributes: attributes\n  };\n}\n\nvar
asIcon = function (_ref) {\n  var children = _ref.children,\n    main = _ref.main,\n    mask = _ref.mask,\n
attributes = _ref.attributes,\n    styles = _ref.styles,\n    transform = _ref.transform;\n\n  if

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(transformIsMeaningful(transform) && main.found && !mask.found) {\n  var width = main.width,\n    height =\n    main.height;\n\n  var offset = {\n    x: width / height / 2,\n    y: 0.5\n  };\n  attributes['style'] =\n  joinStyles(_extends({}, styles, {\n    'transform-origin': offset.x + transform.x / 16 + 'em ' + (offset.y + transform.y /\n    16) + 'em'\n  }));\n\n  return [{\n    tag: 'svg',\n    attributes: attributes,\n    children: children\n  }];\n}\n\nvar\nasSymbol = function (_ref) {\n  var prefix = _ref.prefix,\n    iconName = _ref.iconName,\n    children =\n    _ref.children,\n    attributes = _ref.attributes,\n    symbol = _ref.symbol;\n\n  var id = symbol === true ? prefix + '-\n  ' + config.familyPrefix + '-' + iconName : symbol;\n\n  return [{\n    tag: 'svg',\n    attributes: {\n      style: 'display:\n      none;\n    },\n    children: [{\n      tag: 'symbol',\n      attributes: _extends({}, attributes, { id: id }),\n      children:\n      children\n    }]\n  }];\n}\n\nfunction makeInlineSvgAbstract(params) {\n  var _params$icons = params.icons,\n    main = _params$icons.main,\n    mask = _params$icons.mask,\n    prefix = params.prefix,\n    iconName =\n    params.iconName,\n    transform = params.transform,\n    symbol = params.symbol,\n    title = params.title,\n    extra = params.extra,\n    _params$watchable = params.watchable,\n    watchable = _params$watchable ===\n    undefined ? false : _params$watchable;\n\n  var _ref = mask.found ? mask : main,\n    width = _ref.width,\n    height = _ref.height;\n\n  var widthClass = 'fa-w-' + Math.ceil(width / height * 16);\n  var attrClass =\n  [config.replacementClass, iconName ? config.familyPrefix + '-' + iconName : '', widthClass].filter(function (c) {\n  return extra.classes.indexOf(c) === -1;\n  }).concat(extra.classes).join(' ');\n\n  var content = {\n    children: [],\n    attributes: _extends({}, extra.attributes, {\n      'data-prefix': prefix,\n      'data-icon': iconName,\n      'class':\n      attrClass,\n      'role': 'img',\n      'xmlns': 'http://www.w3.org/2000/svg',\n      'viewBox': '0 0 ' + width + ' ' + height\n    })\n  };\n\n  if (watchable) {\n    content.attributes[DATA_FA_I2SVG] = '';\n  }\n\n  if (title)\n  content.children.push({ tag: 'title', attributes: { id: content.attributes['aria-labelledby'] || 'title-' + nextUniqueId() },\n  children: [title] });\n\n  var args = _extends({}, content, {\n    prefix: prefix,\n    iconName: iconName,\n    main:\n    main,\n    mask: mask,\n    transform: transform,\n    symbol: symbol,\n    styles: extra.styles\n  });\n\n  var _ref2 =\n  mask.found && main.found ? makeIconMasking(args) : makeIconStandard(args),\n    children = _ref2.children,\n    attributes = _ref2.attributes;\n\n  args.children = children;\n  args.attributes = attributes;\n\n  if (symbol) {\n    return asSymbol(args);\n  } else {\n    return asIcon(args);\n  }\n}\n\nfunction makeLayersTextAbstract(params) {\n  var content = params.content,\n    width = params.width,\n    height = params.height,\n    transform =\n    params.transform,\n    title = params.title,\n    extra = params.extra,\n    _params$watchable2 =\n    params.watchable,\n    watchable = _params$watchable2 === undefined ? false : _params$watchable2;\n\n  var\n  attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n    'class': extra.classes.join(' ')\n  });\n\n  if\n  (watchable) {\n    attributes[DATA_FA_I2SVG] = '';\n  }\n\n  var styles = _extends({}, extra.styles);\n\n  if\n  (transformIsMeaningful(transform)) {\n    styles['transform'] = transformForCss({ transform: transform,\n  startCentered: true, width: width, height: height });\n    styles['-webkit-transform'] = styles['transform'];\n  }\n\n  var\n  styleString = joinStyles(styles);\n\n  if (styleString.length > 0) {\n    attributes['style'] = styleString;\n  }\n\n  var val = [];\n\n  val.push({\n    tag: 'span',\n    attributes: attributes,\n    children: [content]\n  });\n\n  if (title) {\n    val.push({\n      tag: 'span',\n      attributes: { class: 'sr-only' },\n      children: [title]\n    });\n  }\n\n  return val;\n}\n\nfunction\nmakeLayersCounterAbstract(params) {\n  var content = params.content,\n    title = params.title,\n    extra =\n    params.extra;\n\n  var\n  attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n    'class':\n    extra.classes.join(' ')\n  });\n\n  var\n  styleString = joinStyles(extra.styles);\n\n  if (styleString.length > 0) {\n    attributes['style'] = styleString;\n  }\n\n  var val = [];\n\n  val.push({\n    tag: 'span',\n    attributes: attributes,\n    children: [content]\n  });\n\n  if (title) {\n    val.push({\n      tag: 'span',\n      attributes: { class: 'sr-only' },\n      children: [title]\n    });\n  }\n\n  return val;\n}\n\nvar\nnoop$2 = function noop() {};\nvar p = config.measurePerformance &&\nPERFORMANCE && PERFORMANCE.mark && PERFORMANCE.measure ? PERFORMANCE : { mark:\nnoop$2, measure: noop$2 };\nvar preamble = 'FA \\5.5.0\\';\nvar begin = function begin(name) {\n  p.mark(preamble + ' ' + name + ' begins');\n  return function () {\n    return end(name);\n  };\n}\n\nvar\nend =\nfunction end(name) {\n  p.mark(preamble + ' ' + name + ' ends');\n  p.measure(preamble + ' ' + name, preamble + ' ' +\n  name + ' begins', preamble + ' ' + name + ' ends');\n}\n\nvar\nperf = { begin: begin, end: end };\n\nuse\nstrict;\n\n/**\n * Internal helper to bind a function known to have 4 arguments\n * to a given context.\n */\n\nvar\nbindInternal4 = function bindInternal4 (func, thisContext) {\n  return function (a, b, c, d) {\n    return

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func.call(thisContext, a, b, c, d);
};
};
use strict';
/**
 * # Reduce
 * A fast object .reduce()
 implementation.
 * @param {Object} subject The object to reduce over.
 * @param {Function} fn
 The reducer function.
 * @param {mixed} initialValue The initial value for the reducer, defaults to subject[0].
 * @param {Object} thisContext The context for the reducer.
 * @return {mixed} The final result.
 */
function fastReduceObject (subject, fn, initialValue, thisContext) {
  var keys = Object.keys(subject),
      length = keys.length,
      iterator = thisContext !== undefined ? bindInternal4(fn, thisContext) : fn,
      i, key, result;
  if (initialValue === undefined) {
    i = 1;
    result = subject[keys[0]];
  } else {
    i = 0;
    result = initialValue;
  }
  for (; i < length; i++) {
    key = keys[i];
    result = iterator(result, subject[key], key, subject);
  }
  return result;
}

var styles$2 = namespace.styles;
var shims = namespace.shims;
var _byUnicode = {};
var _byLigature = {};
var _byOldName = {};
function build() {
  var lookup = function lookup(reducer) {
    return reduce(styles$2, function (o, style, prefix) {
      o[prefix] = reduce(style, reducer, {});
      return o;
    }, {});
  };
  _byUnicode = lookup(function (acc, icon, iconName) {
    acc[icon[3]] = iconName;
    return acc;
  });
  _byLigature = lookup(function (acc, icon, iconName) {
    var ligatures = icon[2];
    acc[iconName] = iconName;
    ligatures.forEach(function (ligature) {
      acc[ligature] = iconName;
    });
    return acc;
  });
  var hasRegular = 'far' in styles$2;
  _byOldName = reduce(shims, function (acc, shim) {
    var oldName = shim[0];
    var prefix = shim[1];
    var iconName = shim[2];
    if (prefix === 'far' && !hasRegular) {
      prefix = 'fas';
    }
    acc[oldName] = {
      prefix: prefix,
      iconName: iconName
    };
    return acc;
  }, {});
  build();
}
function byUnicode(prefix, unicode) {
  return _byUnicode[prefix][unicode];
}
function byLigature(prefix, ligature) {
  return _byLigature[prefix][ligature];
}
function byOldName(name) {
  return _byOldName[name] || { prefix: null, iconName: null };
}
var styles$1 = namespace.styles;
var emptyCanonicalIcon = function emptyCanonicalIcon() {
  return { prefix: null, iconName: null, rest: [] };
};
function getCanonicalIcon(values) {
  return values.reduce(function (acc, cls) {
    var iconName = getIconName(config.familyPrefix, cls);
    if (styles$1[cls]) {
      acc.prefix = cls;
    } else if (iconName) {
      var shim = acc.prefix === 'fa' ? byOldName(iconName) : {};
      acc.iconName = shim.iconName || iconName;
      acc.prefix = shim.prefix || acc.prefix;
    } else if (cls !== config.replacementClass && cls.indexOf('fa-w-') !== 0) {
      acc.rest.push(cls);
    }
    return acc;
  }, emptyCanonicalIcon());
}
function iconFromMapping(mapping, prefix, iconName) {
  if (mapping && mapping[prefix] && mapping[prefix][iconName]) {
    return {
      prefix: prefix,
      iconName: iconName,
      icon: mapping[prefix][iconName]
    };
  }
}
function toHtml(abstractNodes) {
  var tag = abstractNodes.tag,
      _abstractNodes$attrib = abstractNodes.attributes,
      attributes = _abstractNodes$attrib === undefined ? {} : _abstractNodes$attrib,
      _abstractNodes$childr = abstractNodes.children,
      children = _abstractNodes$childr === undefined ? [] : _abstractNodes$childr;
  if (typeof abstractNodes === 'string') {
    return htmlEscape(abstractNodes);
  } else {
    return '<' + tag + ' ' + joinAttributes(attributes) + '>' + children.map(toHtml).join("") + '<' + tag + '>';
  }
}
var noop$1 = function noop() {};
function isWatched(node) {
  var i2svg = node.getAttribute ? node.getAttribute(DATA_FA_I2SVG) : null;
  return typeof i2svg === 'string';
}
function getMutator() {
  if (config.autoReplaceSvg === true) {
    return mutators.replace;
  }
  var mutator = mutators[config.autoReplaceSvg];
  return mutator || mutators.replace;
}
var mutators = {
  replace: function replace(mutation) {
    var node = mutation[0];
    var abstract = mutation[1];
    var newOuterHTML = abstract.map(function (a) {
      return toHtml(a);
    }).join("\n");
    if (node.parentNode && node.outerHTML) {
      node.outerHTML = newOuterHTML + (config.keepOriginalSource && node.tagName.toLowerCase() !== 'svg' ? '<!-- ' + node.outerHTML + ' -->: ');
    } else if (node.parentNode) {
      var newNode = document.createElement('span');
      node.parentNode.replaceChild(newNode, node);
      newNode.outerHTML = newOuterHTML;
    }
  },
  nest: function nest(mutation) {
    var node = mutation[0];
    var abstract = mutation[1];
    // If we already have a replaced node we do not want to continue nesting within it.
    // Short-circuit to the standard replacement
    if (~classArray(node).indexOf(config.replacementClass)) {
      return mutators.replace(mutation);
    }
    var forSvg = new RegExp(config.familyPrefix + '-.*');
    delete abstract[0].attributes.style;
    var splitClasses = abstract[0].attributes.class.split(' ').reduce(function (acc, cls) {
      if (cls === config.replacementClass ||

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cls.match(forSvg)) {\n    acc.toSvg.push(cls);\n    } else {\n    acc.toNode.push(cls);\n    }\n\n    return acc;\n
}, { toNode: [], toSvg: [] });\n\n    abstract[0].attributes.class = splitClasses.toSvg.join(' '); \n\n    var
newInnerHTML = abstract.map(function (a) {\n    return toHtml(a);\n    }).join('\n');\n\n    node.setAttribute('class',
splitClasses.toNode.join(' '));\n\n    node.setAttribute(DATA_FA_I2SVG, '');\n\n    node.innerHTML =
newInnerHTML;\n    }\n};\n\nfunction perform(mutations, callback) {\n    var callbackFunction = typeof callback ===
'function' ? callback : noop$1;\n\n    if (mutations.length === 0) {\n    callbackFunction();\n    } else {\n    var frame =
WINDOW.requestAnimationFrame || function (op) {\n    return op();\n    }; \n\n    frame(function () {\n    var
mutator = getMutator();\n    var mark = perf.begin('mutate');\n\n    mutations.map(mutator);\n\n    mark();\n\n    callbackFunction();\n    });\n    }\n\n    var disabled = false;\n\n    function disableObservation(operation) {\n    disabled
= true;\n    operation();\n    disabled = false;\n    }\n\n    var mo = null;\n\n    function observe(options) {\n    if
(!MUTATION_OBSERVER) {\n    return;\n    }\n\n    if (!config.observeMutations) {\n    return;\n    }\n\n    var
treeCallback = options.treeCallback,\n    nodeCallback = options.nodeCallback,\n    pseudoElementsCallback =
options.pseudoElementsCallback,\n    _options$observeMutat = options.observeMutationsRoot,\n    observeMutationsRoot = _options$observeMutat === undefined ? DOCUMENT.body :
_options$observeMutat;\n\n\n    mo = new MUTATION_OBSERVER(function (objects) {\n    if (disabled)
return;\n\n    toArray(objects).forEach(function (mutationRecord) {\n    if (mutationRecord.type === 'childList'
&& mutationRecord.addedNodes.length > 0 && !isWatched(mutationRecord.addedNodes[0])) {\n    if
(config.searchPseudoElements) {\n    pseudoElementsCallback(mutationRecord.target);\n    }\n\n    treeCallback(mutationRecord.target);\n    }\n\n    if (mutationRecord.type === 'attributes' &&
mutationRecord.target.parentNode && config.searchPseudoElements) {\n    pseudoElementsCallback(mutationRecord.target.parentNode);\n    }\n\n    if (mutationRecord.type === 'attributes'
&& isWatched(mutationRecord.target) &&
~ATTRIBUTES_WATCHED_FOR_MUTATION.indexOf(mutationRecord.attributeName)) {\n    if
(mutationRecord.attributeName === 'class') {\n    var _getCanonicalIcon =
getCanonicalIcon(classArray(mutationRecord.target)),\n    prefix = _getCanonicalIcon.prefix,\n    iconName = _getCanonicalIcon.iconName;\n\n    if (prefix) mutationRecord.target.setAttribute('data-prefix',
prefix);\n\n    if (iconName) mutationRecord.target.setAttribute('data-icon', iconName);\n    } else {\n    nodeCallback(mutationRecord.target);\n    }\n    }\n    });\n\n    if (!IS_DOM) return;\n\n    mo.observe(observeMutationsRoot, {\n    childList: true, attributes: true, characterData: true, subtree: true\n
});\n    }\n\n    function disconnect() {\n    if (!mo) return;\n\n    mo.disconnect();\n    }\n\n    var styleParser = function (node) {\n    var style = node.getAttribute('style');\n\n    var val = [];\n\n    if (style) {\n    val = style.split(';').reduce(function (acc,
style) {\n    var styles = style.split(':');\n    var prop = styles[0];\n    var value = styles.slice(1);\n\n    if (prop &&
value.length > 0) {\n    acc[prop] = value.join(':').trim();\n    }\n\n    return acc;\n    }, {});\n    }\n\n    return
val;\n    });\n\n    function toHex(unicode) {\n    var result = '';\n\n    for (var i = 0; i < unicode.length; i++) {\n    var hex =
unicode.charCodeAt(i).toString(16);\n    result += ('000' + hex).slice(-4);\n    }\n\n    return result;\n    }\n\n    var
classParser = function (node) {\n    var existingPrefix = node.getAttribute('data-prefix');\n    var existingIconName =
node.getAttribute('data-icon');\n    var innerText = node.innerText !== undefined ? node.innerText.trim() : '';\n\n    var
val = getCanonicalIcon(classArray(node));\n\n    if (existingPrefix && existingIconName) {\n    val.prefix =
existingPrefix;\n    val.iconName = existingIconName;\n    }\n\n    if (val.prefix && innerText.length > 1) {\n    val.iconName = byLigature(val.prefix, node.innerText);\n    } else if (val.prefix && innerText.length === 1) {\n    val.iconName = byUnicode(val.prefix, toHex(node.innerText));\n    }\n\n    return val;\n    });\n\n    var
parseTransformString = function parseTransformString(transformString) {\n    var transform = {\n    size: 16,\n    x:
0,\n    y: 0,\n    flipX: false,\n    flipY: false,\n    rotate: 0\n    }; \n\n    if (!transformString) {\n    return transform;\n    }
else {\n    return transformString.toLowerCase().split(' ').reduce(function (acc, n) {\n    var parts =
n.toLowerCase().split('-');\n    var first = parts[0];\n    var rest = parts.slice(1).join('-');\n\n    if (first && rest ===
'h') {\n    acc.flipX = true;\n    return acc;\n    }\n\n    if (first && rest === 'v') {\n    acc.flipY = true;\n    return acc;\n    }\n\n    rest = parseFloat(rest);\n\n    if (isNaN(rest)) {\n    return acc;\n    }\n\n    switch
(first) {\n    case 'grow':\n    acc.size = acc.size + rest;\n    break;\n    case 'shrink':\n    acc.size =

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acc.size - rest;\n      break;\n      case 'left':\n        acc.x = acc.x - rest;\n        break;\n        case 'right':\n          acc.x = acc.x + rest;\n          break;\n          case 'up':\n            acc.y = acc.y - rest;\n            break;\n            case 'down':\n              acc.y = acc.y + rest;\n              break;\n              case 'rotate':\n                acc.rotate = acc.rotate + rest;\n                break;\n                }\n\n      return acc;\n    }, transform);\n  });\n\n  nvar transformParser = function (node) {\n    return\n      parseTransformString(node.getAttribute('data-fa-transform'));\n  });\n\n  nvar symbolParser = function (node) {\n    var\n      symbol = node.getAttribute('data-fa-symbol');\n\n    return symbol === null ? false : symbol === " ? true :\n      symbol;\n  });\n\n  nvar attributesParser = function (node) {\n    var extraAttributes =\n      toArray(node.attributes).reduce(function (acc, attr) {\n        if (acc.name !== 'class' && acc.name !== 'style') {\n          acc[attr.name] = attr.value;\n        }\n        return acc;\n      }, {});\n\n    var title = node.getAttribute('title');\n\n    if\n      (config.autoA11y) {\n        if (title) {\n          extraAttributes['aria-labelledby'] = config.replacementClass + '-title-' +\n            nextUniqueId();\n        } else {\n          extraAttributes['aria-hidden'] = 'true';\n        }\n      }\n\n    return\n      extraAttributes;\n  });\n\n  nvar maskParser = function (node) {\n    var mask = node.getAttribute('data-fa-mask');\n\n    if\n      (!mask) {\n        return emptyCanonicalIcon();\n      } else {\n        return getCanonicalIcon(mask.split(' ').map(function (i)\n          {\n            return i.trim();\n          }));\n      }\n  });\n\n  nvar blankMeta = {\n    iconName: null,\n    title: null,\n    prefix: null,\n    transform: meaninglessTransform,\n    symbol: false,\n    mask: null,\n    extra: { classes: [], styles: {}, attributes: {} }\n  });\n\n  nfunction parseMeta(node) {\n    var _classParser = classParser(node),\n        iconName =\n          _classParser.iconName,\n        prefix = _classParser.prefix,\n        extraClasses = _classParser.rest;\n\n    var extraStyles =\n      styleParser(node);\n    var transform =\n      transformParser(node);\n    var symbol =\n      symbolParser(node);\n    var\n      extraAttributes =\n        attributesParser(node);\n    var mask =\n      maskParser(node);\n\n    return {\n      iconName: iconName,\n      title: node.getAttribute('title'),\n      prefix: prefix,\n      transform: transform,\n      symbol: symbol,\n      mask: mask,\n      extra: {\n        classes: extraClasses,\n        styles: extraStyles,\n        attributes: extraAttributes\n      }\n    };\n  }\n\n  nfunction MissingIcon(error) {\n    this.name = 'MissingIcon';\n    this.message = error || 'Icon unavailable';\n    this.stack = new\n      Error().stack;\n  }\n\n  nMissingIcon.prototype = Object.create(Error.prototype);\n  nMissingIcon.prototype.constructor =\n    MissingIcon;\n\n  nvar FILL = { fill: 'currentColor' };\n  nvar ANIMATION_BASE = {\n    attributeType: 'XML',\n    repeatCount: 'indefinite',\n    dur: '2s'\n  };\n  nvar RING = {\n    tag: 'path',\n    attributes: _extends({}, FILL, {\n      d:\n        'M156.5,447.7l-12.6,29.5c-18.7-9.5-35.9-21.2-51.5-34.9l22.7-22.7c127.6,430.5,141.5,440,156.5,447.7z\n        M40.6,272h8.5c1.4,21.2,5.4,41.7,11.7,61.1l50,321.2c45.1,305.5,41.8,289,40.6,272z\n        M40.6,240c1.4-18.8,5.2-37,11.1-54.1l-29.5-12.6c14.7,194.3,10,216.7,8.5,240h40.6z\n        M64.3,156.5c7.8-14.9,17.2-28.8,28.1-41.5l69.7,92.3c-13.7,15.6-25.5,32.8-34.9,51.5l64.3,156.5z\n        M397,419.6c-13.9,12-29.4,22.3-46.1,30.4l11.9,29.8c20.7-9.9,39.8-22.6,56.9-37.6l397,419.6z\n        M115,92.4c13.9-12,29.4-22.3,46.1-30.4l-11.9-29.8c-20.7,9.9-39.8,22.6-56.8,37.6l115,92.4z\n        M447.7,355.5c-7.8,14.9-17.2,28.8-28.1,41.5l22.7,22.7c13.7-15.6,25.5-32.9,34.9-51.5l447.7,355.5z\n        M471.4,272c-1.4,18.8-5.2,37-11.1,54.1l29.5,12.6c7.5-21.1,12.2-43.5,13.6-66.8h471.4z\n        M321.2,462c-15.7,5-32.2,8.2-49.2,9.4v32.1c21.2-1.4,41.7-5.4,61.1-11.7l321.2,462z\n        M240,471.4c-18.8-1.4-37.5-2-54.1-11.1l-12.6,29.5c21.1,7.5,43.5,12.2,66.8,13.6v471.4z\n        M462,190.8c5,15.7,8.2,32.2,9.4,49.2h32.1c-1.4-21.2-5.4-41.7-11.7-61.1l462,190.8z\n        M92.4,397c-12-13.9-22.3-29.4-30.4-46.1l-29.8,11.9c9.9,20.7,22.6,39.8,37.6,56.9l92.4,397z\n        M272,40.6c18.8,1.4,36.9,5.2,54.1,11.1l12.6-29.5c317.7,14.7,295.3,10,272,8.5v40.6z\n        M190.8,50c15.7-5,32.2-8.2,49.2-9.4v8.5c-21.2,1.4-41.7,5.4-61.1,11.7l190.8,50z\n        M442.3,92.3l419.6,115c12,13.9,22.3,29.4,30.5,46.1l29.8-11.9c470,128.5,457.3,109.4,442.3,92.3z\n        M397,92.4l22.7-22.7c-15.6-13.7-32.8-25.5-51.5-34.9l-12.6,29.5\n        C370.4,72.1,384.4,81.5,397,92.4z\n    })\n  });\n\n  nvar OPACITY_ANIMATE = _extends({}, ANIMATION_BASE, {\n    attributeName: 'opacity'\n  });\n  nvar DOT = {\n    tag: 'circle',\n    attributes: _extends({}, FILL, {\n      cx: '256',\n      cy: '364',\n      r: '28'\n    }),\n    children: [\n      {\n        tag: 'animate',\n        attributes: _extends({}, ANIMATION_BASE, {\n          attributeName: 'r',\n          values: '28;14;28;28;14;28;' \n        }) \n      },\n      {\n        tag: 'animate',\n        attributes: _extends({}, OPACITY_ANIMATE, {\n          values: '1;0;1;1;0;1;' \n        }) \n      }\n    ]\n  });\n  nvar QUESTION = {\n    tag: 'path',\n    attributes: _extends({}, FILL, {\n      opacity: '1',\n      d:\n        'M263.7,312h-16c-6.6,0-12-5.4-12-12c0-71,77.4-63.9,77.4-107.8c0-20-17.8-40.2-57.4-40.2c-29.1,0-44.3,9.6-59.2,28.7\n        c-3.9,5-11.1,6-16.2,2.4l-13.1-9.2c-5.6-3.9-6.9-11.8-2.6-17.2c21.2-27.2,46.4-44.7,91.2-44.7c52.3,0,97.4,29.8,97.4,80.2\n        c0,67.6-77.4,63.5-77.4,107.8c275.7,306.6,270.3,312,263.7,312z\n    })\n  },\n    children: [\n      {\n        tag: 'animate',\n        attributes: _extends({}, OPACITY_ANIMATE, {\n          values: '1;0;0;0;1;' \n        }) \n      }\n    ]\n  });\n\n  nvar

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EXCLAMATION = {\n tag: 'path',\n attributes: _extends({}, FILL, {\n opacity: '0',\n d:
'M232.5,134.517,168c0.3,6.4,5.6,11.5,12,11.5h9c6.4,0,11.7-5.1,12-11.517-168c0.3-6.8-5.2-12.5-12-12.5h-23
C237.7,122,232.2,127.7,232.5,134.5z\n }),\n children: [{ tag: 'animate', attributes: _extends({},
OPACITY_ANIMATE, { values: '0;0;1;1;0;0;' }) ]\n};\n\nvar missing = { tag: 'g', children: [RING, DOT,
QUESTION, EXCLAMATION] };\n\nvar styles = namespace.styles;\n\nvar LAYERS_TEXT_CLASSNAME = 'fa-
layers-text';\n\nvar FONT_FAMILY_PATTERN = /Font Awesome 5 (Solid|Regular|Light|Brands|Free|Pro)/;\n\nvar
STYLE_TO_PREFIX = {\n 'Solid': 'fas',\n 'Regular': 'far',\n 'Light': 'fal',\n 'Brands': 'fab'\n};\n\nvar
FONT_WEIGHT_TO_PREFIX = {\n '900': 'fas',\n '400': 'far',\n '300': 'fal'\n};\n\nfunction findIcon(iconName,
prefix) {\n var val = {\n found: false,\n width: 512,\n height: 512,\n icon: missing\n }; \n\n if (iconName
&& prefix && styles[prefix] && styles[prefix][iconName]) {\n var icon = styles[prefix][iconName];\n var
width = icon[0];\n var height = icon[1];\n var vectorData = icon.slice(4);\n\n val = {\n found: true,\n
width: width,\n height: height,\n icon: { tag: 'path', attributes: { fill: 'currentColor', d: vectorData[0] } }\n
};\n } else if (iconName && prefix && !config.showMissingIcons) {\n throw new MissingIcon('Icon is missing
for prefix ' + prefix + ' with icon name ' + iconName);\n }\n\n return val;\n}\n\nfunction
generateSvgReplacementMutation(node, nodeMeta) {\n var iconName = nodeMeta.iconName,\n title =
nodeMeta.title,\n prefix = nodeMeta.prefix,\n transform = nodeMeta.transform,\n symbol =
nodeMeta.symbol,\n mask = nodeMeta.mask,\n extra = nodeMeta.extra;\n\n return [node,
makeInlineSvgAbstract({\n icons: {\n main: findIcon(iconName, prefix),\n mask: findIcon(mask.iconName,
mask.prefix)\n },\n prefix: prefix,\n iconName: iconName,\n transform: transform,\n symbol: symbol,\n
mask: mask,\n title: title,\n extra: extra,\n watchable: true\n });\n}\n\nfunction generateLayersText(node,
nodeMeta) {\n var title = nodeMeta.title,\n transform = nodeMeta.transform,\n extra = nodeMeta.extra;\n\n
var width = null;\n var height = null;\n\n if (IS_IE) {\n var computedFontSize =
parseInt(getComputedStyle(node).fontSize, 10);\n var boundingClientRect = node.getBoundingClientRect();\n
width = boundingClientRect.width / computedFontSize;\n height = boundingClientRect.height /
computedFontSize;\n }\n\n if (config.autoA11y && !title) {\n extra.attributes['aria-hidden'] = 'true';\n }\n\n
return [node, makeLayersTextAbstract({\n content: node.innerHTML,\n width: width,\n height: height,\n
transform: transform,\n title: title,\n extra: extra,\n watchable: true\n });\n}\n\nfunction
generateMutation(node) {\n var nodeMeta = parseMeta(node);\n\n if
(~nodeMeta.extra.classes.indexOf(LAYERS_TEXT_CLASSNAME)) {\n return generateLayersText(node,
nodeMeta);\n } else {\n return generateSvgReplacementMutation(node, nodeMeta);\n }\n}\n\nfunction
searchPseudoElements(root) {\n if (!IS_DOM) return;\n\n var end = perf.begin('searchPseudoElements');\n\n
disableObservation(function () {\n toArray(root.querySelectorAll('*')).filter(function (n) {\n return
n.parentNode !== document.head &&
!~TAGNAMES_TO_SKIP_FOR_PSEUDOELEMENTS.indexOf(n.tagName.toUpperCase()) &&
!n.getAttribute(DATA_FA_PSEUDO_ELEMENT) && (!n.parentNode || n.parentNode.tagName !== 'svg');\n
}).forEach(function (node) {\n [':before', ':after'].forEach(function (pos) {\n var children =
toArray(node.children);\n var alreadyProcessedPseudoElement = children.filter(function (c) {\n return
c.getAttribute(DATA_FA_PSEUDO_ELEMENT) === pos;\n });\n\n var styles =
WINDOW.getComputedStyle(node, pos);\n var fontFamily = styles.getPropertyValue('font-
family').match(FONT_FAMILY_PATTERN);\n var fontWeight = styles.getPropertyValue('font-weight');\n\n
if (alreadyProcessedPseudoElement && !fontFamily) {\n // If we've already processed it but the current
computed style does not result in a font-family,\n // that probably means that a class name that was previously
present to make the icon has been\n // removed. So we now should delete the icon.\n
node.removeChild(alreadyProcessedPseudoElement);\n } else if (fontFamily) {\n var content =
styles.getPropertyValue('content');\n var prefix = ~['Light', 'Regular', 'Solid', 'Brands'].indexOf(fontFamily[1])
? STYLE_TO_PREFIX[fontFamily[1]] : FONT_WEIGHT_TO_PREFIX[fontWeight];\n var iconName =
byUnicode(prefix, toHex(content.length === 3 ? content.substr(1, 1) : content));\n // Only convert the pseudo
element in this :before/:after position into an icon if we haven't\n // already done so with the same prefix and

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iconName\n      if (!alreadyProcessedPseudoElement ||
alreadyProcessedPseudoElement.getAttribute(DATA_PREFIX) !== prefix ||
alreadyProcessedPseudoElement.getAttribute(DATA_ICON) !== iconName) {\n      if
(alreadyProcessedPseudoElement) {\n      // Delete the old one, since we're replacing it with a new one\n
node.removeChild(alreadyProcessedPseudoElement);\n      }\n      var extra = blankMeta.extra;\n\n
extra.attributes[DATA_FA_PSEUDO_ELEMENT] = pos;\n      var abstract =
makeInlineSvgAbstract(_extends({}, blankMeta, {\n      icons: {\n      main: findIcon(iconName,
prefix),\n      mask: emptyCanonicalIcon()\n      },\n      prefix: prefix,\n      iconName:
iconName,\n      extra: extra,\n      watchable: true\n      }));\n      var element =
DOCUMENT.createElement('svg');\n      if (pos === 'before') {\n      node.insertBefore(element,
node.firstChild);\n      } else {\n      node.appendChild(element);\n      }\n      element.outerHTML
= abstract.map(function (a) {\n      return toHtml(a);\n      }).join('\n');\n      }\n      }\n      });\n
});\n\n end();\n\n\nfunction onTree(root) {\n var callback = arguments.length > 1 && arguments[1] !==
undefined ? arguments[1] : null;\n\n if (!IS_DOM) return;\n\n var htmlClassList =
DOCUMENT.documentElement.classList;\n var hclAdd = function hclAdd(suffix) {\n return
htmlClassList.add(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n };\n var hclRemove = function
hclRemove(suffix) {\n return htmlClassList.remove(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n
};\n var prefixes = Object.keys(styles);\n var prefixesDomQuery = ['.' + LAYERS_TEXT_CLASSNAME + ':not(['
+ DATA_FA_I2SVG + '])'].concat(prefixes.map(function (p) {\n return '.' + p + ':not([' + DATA_FA_I2SVG +
'])';\n })).join(', ');\n\n if (prefixesDomQuery.length === 0) {\n return;\n }\n\n var candidates =
toArray(root.querySelectorAll(prefixesDomQuery));\n\n if (candidates.length > 0) {\n hclAdd('pending');\n
hclRemove('complete');\n } else {\n return;\n }\n\n var mark = perf.begin('onTree');\n\n var mutations =
candidates.reduce(function (acc, node) {\n try {\n var mutation = generateMutation(node);\n\n if (mutation)
{\n acc.push(mutation);\n }\n } catch (e) {\n if (!PRODUCTION) {\n if (e instanceof MissingIcon)
{\n console.error(e);\n }\n }\n\n return acc;\n }, []);\n\n mark();\n\n perform(mutations,
function () {\n hclAdd('active');\n hclAdd('complete');\n hclRemove('pending');\n\n if (typeof callback ===
'function') callback();\n });\n\n\nfunction onNode(node) {\n var callback = arguments.length > 1 &&
arguments[1] !== undefined ? arguments[1] : null;\n\n var mutation = generateMutation(node);\n\n if (mutation)
{\n perform([mutation], callback);\n }\n\n\nvar baseStyles = `svg:not(:root).svg-inline--fa {\n\n overflow:
visible; }\n\n.svg-inline--fa {\n\n display: inline-block;\n\n font-size: inherit;\n\n height: 1em;\n\n overflow:
visible;\n\n vertical-align: -.125em; }\n\n .svg-inline--fa.fa-lg {\n\n vertical-align: -.225em; }\n\n .svg-inline--fa.fa-w-1 {\n\n width: 0.0625em; }\n\n .svg-inline--fa.fa-w-2 {\n\n width: 0.125em; }\n\n .svg-inline--fa.fa-w-3 {\n\n width: 0.1875em; }\n\n .svg-inline--fa.fa-w-4 {\n\n width: 0.25em; }\n\n .svg-inline--fa.fa-w-5 {\n\n width: 0.3125em; }\n\n .svg-inline--fa.fa-w-6 {\n\n width: 0.375em; }\n\n .svg-inline--fa.fa-w-7 {\n\n width: 0.4375em; }\n\n .svg-inline--fa.fa-w-8 {\n\n width: 0.5em; }\n\n .svg-inline--fa.fa-w-9 {\n\n width: 0.5625em; }\n\n .svg-inline--fa.fa-w-10 {\n\n width: 0.625em; }\n\n .svg-inline--fa.fa-w-11 {\n\n width: 0.6875em; }\n\n .svg-inline--fa.fa-w-12 {\n\n width: 0.75em; }\n\n .svg-inline--fa.fa-w-13 {\n\n width: 0.8125em; }\n\n .svg-inline--fa.fa-w-14 {\n\n width: 0.875em; }\n\n .svg-inline--fa.fa-w-15 {\n\n width: 0.9375em; }\n\n .svg-inline--fa.fa-w-16 {\n\n width: 1em; }\n\n .svg-inline--fa.fa-w-17 {\n\n width: 1.0625em; }\n\n .svg-inline--fa.fa-w-18 {\n\n width: 1.125em; }\n\n .svg-inline--fa.fa-w-19 {\n\n width: 1.1875em; }\n\n .svg-inline--fa.fa-w-20 {\n\n width: 1.25em; }\n\n .svg-inline--fa.fa-pull-left {\n\n margin-right: .3em;\n\n width: auto; }\n\n .svg-inline--fa.fa-pull-right {\n\n margin-left: .3em;\n\n width: auto; }\n\n .svg-inline--fa.fa-border {\n\n height: 1.5em; }\n\n .svg-inline--fa.fa-li {\n\n width: 2em; }\n\n .svg-inline--fa.fa-fw {\n\n width: 1.25em; }\n\n\nfa-layers svg.svg-inline--fa {\n\n bottom: 0;\n\n left: 0;\n\n margin: auto;\n\n position: absolute;\n\n right: 0;\n\n top: 0; }\n\n\nfa-layers {\n\n display: inline-block;\n\n height: 1em;\n\n position: relative;\n\n text-align: center;\n\n vertical-align: -.125em;\n\n width: 1em; }\n\n .fa-layers svg.svg-inline--fa {\n\n -webkit-transform-origin: center center;\n\n transform-origin: center center; }\n\n\nfa-layers-text, .fa-layers-counter {\n\n display: inline-block;\n\n position: absolute;\n\n text-align: center; }\n\n\nfa-layers-text {\n\n left: 50%;\n\n top: 50%;\n\n -webkit-transform: translate(-50%, -50%);\n\n transform: translate(-50%, -50%);\n\n -

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webkit-transform-origin: center center;\n      transform-origin: center center; }\n\n.fa-layers-counter {\n
background-color: #fff;\n border-radius: 1em;\n -webkit-box-sizing: border-box;\n      box-sizing: border-
box;\n color: #fff;\n height: 1.5em;\n line-height: 1;\n max-width: 5em;\n min-width: 1.5em;\n overflow:
hidden;\n padding: .25em;\n right: 0;\n text-overflow: ellipsis;\n top: 0;\n -webkit-transform: scale(0.25);\n
      transform: scale(0.25);\n -webkit-transform-origin: top right;\n      transform-origin: top right; }\n\n.fa-
layers-bottom-right {\n bottom: 0;\n right: 0;\n top: auto;\n -webkit-transform: scale(0.25);\n      transform:
scale(0.25);\n -webkit-transform-origin: bottom right;\n      transform-origin: bottom right; }\n\n.fa-layers-
bottom-left {\n bottom: 0;\n left: 0;\n right: auto;\n top: auto;\n -webkit-transform: scale(0.25);\n
      transform: scale(0.25);\n -webkit-transform-origin: bottom left;\n      transform-origin: bottom left; }\n\n.fa-
layers-top-right {\n right: 0;\n top: 0;\n -webkit-transform: scale(0.25);\n      transform: scale(0.25);\n -
webkit-transform-origin: top right;\n      transform-origin: top right; }\n\n.fa-layers-top-left {\n left: 0;\n right:
auto;\n top: 0;\n -webkit-transform: scale(0.25);\n      transform: scale(0.25);\n -webkit-transform-origin: top
left;\n      transform-origin: top left; }\n\n.fa-lg {\n font-size: 1.33333em;\n line-height: 0.75em;\n vertical-
align: -.0667em; }\n\n.fa-xs {\n font-size: .75em; }\n\n.fa-sm {\n font-size: .875em; }\n\n.fa-1x {\n font-
size: 1em; }\n\n.fa-2x {\n font-size: 2em; }\n\n.fa-3x {\n font-size: 3em; }\n\n.fa-4x {\n font-size: 4em;
}\n\n.fa-5x {\n font-size: 5em; }\n\n.fa-6x {\n font-size: 6em; }\n\n.fa-7x {\n font-size: 7em; }\n\n.fa-8x
{\n font-size: 8em; }\n\n.fa-9x {\n font-size: 9em; }\n\n.fa-10x {\n font-size: 10em; }\n\n.fa-fw {\n text-
align: center;\n width: 1.25em; }\n\n.fa-ul {\n list-style-type: none;\n margin-left: 2.5em;\n padding-left: 0;
}\n\n .fa-ul > li {\n position: relative; }\n\n.fa-li {\n left: -2em;\n position: absolute;\n text-align: center;\n
width: 2em;\n line-height: inherit; }\n\n.fa-border {\n border: solid 0.08em #eee;\n border-radius: .1em;\n
padding: .2em .25em .15em; }\n\n.fa-pull-left {\n float: left; }\n\n.fa-pull-right {\n float: right; }\n\n.fa-
fa-pull-left,\n.n.fas.fa-pull-left,\n.n.far.fa-pull-left,\n.n.fal.fa-pull-left,\n.n.fab.fa-pull-left {\n margin-right: .3em;
}\n\n.n.fa.fa-pull-right,\n.n.fas.fa-pull-right,\n.n.far.fa-pull-right,\n.n.fal.fa-pull-right,\n.n.fab.fa-pull-right {\n margin-
left: .3em; }\n\n.fa-spin {\n -webkit-animation: fa-spin 2s infinite linear;\n      animation: fa-spin 2s infinite
linear; }\n\n.fa-pulse {\n -webkit-animation: fa-spin 1s infinite steps(8);\n      animation: fa-spin 1s infinite
steps(8); }\n\n\n@-webkit-keyframes fa-spin {\n 0% {\n -webkit-transform: rotate(0deg);\n      transform:
rotate(0deg); }\n 100% {\n -webkit-transform: rotate(360deg);\n      transform: rotate(360deg); }\n
}\n\n\n@keyframes fa-spin {\n 0% {\n -webkit-transform: rotate(0deg);\n      transform: rotate(0deg); }\n
100% {\n -webkit-transform: rotate(360deg);\n      transform: rotate(360deg); }\n
}\n\n\n.fa-rotate-90 {\n -ms-
filter: ""progid:DXImageTransform.Microsoft.BasicImage(rotation=1)"";\n -webkit-transform: rotate(90deg);\n
      transform: rotate(90deg); }\n\n\n.fa-rotate-180 {\n -ms-filter:
""progid:DXImageTransform.Microsoft.BasicImage(rotation=2)"";\n -webkit-transform: rotate(180deg);\n
      transform: rotate(180deg); }\n\n\n.fa-rotate-270 {\n -ms-filter:
""progid:DXImageTransform.Microsoft.BasicImage(rotation=3)"";\n -webkit-transform: rotate(270deg);\n
      transform: rotate(270deg); }\n\n\n.fa-flip-horizontal {\n -ms-filter:
""progid:DXImageTransform.Microsoft.BasicImage(rotation=0, mirror=1)"";\n -webkit-transform: scale(-1,
1);\n      transform: scale(-1, 1); }\n\n\n.fa-flip-vertical {\n -ms-filter:
""progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)"";\n -webkit-transform: scale(1,
-1);\n      transform: scale(1, -1); }\n\n\n.fa-flip-horizontal.fa-flip-vertical {\n -ms-filter:
""progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)"";\n -webkit-transform: scale(-1,
-1);\n      transform: scale(-1, -1); }\n\n\n.root .fa-rotate-90,\n\n.root .fa-rotate-180,\n\n.root .fa-rotate-270,\n\n.root .fa-
flip-horizontal,\n\n.root .fa-flip-vertical {\n -webkit-filter: none;\n      filter: none; }\n\n\n.fa-stack {\n display:
inline-block;\n height: 2em;\n position: relative;\n width: 2.5em; }\n\n\n.fa-stack-1x,\n\n.fa-stack-2x {\n bottom:
0;\n left: 0;\n margin: auto;\n position: absolute;\n right: 0;\n top: 0; }\n\n\n.svg-inline--fa.fa-stack-1x {\n
height: 1em;\n width: 1.25em; }\n\n\n.svg-inline--fa.fa-stack-2x {\n height: 2em;\n width: 2.5em; }\n\n\n.fa-
inverse {\n color: #fff; }\n\n\n.sr-only {\n border: 0;\n clip: rect(0, 0, 0, 0);\n height: 1px;\n margin: -1px;\n
overflow: hidden;\n padding: 0;\n position: absolute;\n width: 1px; }\n\n\n.sr-only-focusable:active, .sr-only-
focusable:focus {\n clip: auto;\n height: auto;\n margin: 0;\n overflow: visible;\n position: static;\n width:

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auto; }\\n\\n";\\n\\nvar css = function () {\\n  var dfp = DEFAULT_FAMILY_PREFIX;\\n  var drc =
DEFAULT_REPLACEMENT_CLASS;\\n  var fp = config.familyPrefix;\\n  var rc = config.replacementClass;\\n  var
s = baseStyles;\\n\\n  if (fp !== dfp || rc !== drc) {\\n    var dPatt = new RegExp("\\\\|' + dfp + '\\\\|-', 'g');\\n    var rPatt =
new RegExp("\\\\|' + drc, 'g');\\n\\n    s = s.replace(dPatt, '.' + fp + '-').replace(rPatt, '.' + rc);\\n  }\\n\\n  return
s;\\n};\\n\\nfunction define(prefix, icons) {\\n  var normalized = Object.keys(icons).reduce(function (acc, iconName)
{\\n    var icon = icons[iconName];\\n    var expanded = !!icon.icon;\\n\\n    if (expanded) {\\n      acc[icon.iconName] =
icon.icon;\\n    } else {\\n      acc[iconName] = icon;\\n    }\\n    return acc;\\n  }, {});\\n\\n  if (typeof
namespace.hooks.addPack === 'function') {\\n    namespace.hooks.addPack(prefix, normalized);\\n  } else {\\n
namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, normalized);\\n  }\\n\\n  /**\\n   * Font
Awesome 4 used the prefix of `fa` for all icons. With the introduction\\n   * of new styles we needed to differentiate
between them. Prefix `fa` is now an alias\\n   * for `fas` so we'll ease the upgrade process for our users by
automatically defining\\n   * this as well.\\n   *^\\n   if (prefix === 'fas') {\\n     define('fa', icons);\\n   }\\n}\\n\\nvar Library
= function () {\\n  function Library() {\\n    classCallCheck(this, Library);\\n\\n    this.definitions = {};\\n  }\\n\\n
createClass(Library, [{\\n    key: 'add',\\n    value: function add() {\\n      var _this = this;\\n\\n      for (var _len =
arguments.length, definitions = Array(_len), _key = 0; _key < _len; _key++) {\\n        definitions[_key] =
arguments[_key];\\n      }\\n\\n      var additions = definitions.reduce(this._pullDefinitions, {});\\n\\n
Object.keys(additions).forEach(function (key) {\\n        _this.definitions[key] = _extends({}, _this.definitions[key] ||
{}, additions[key]);\\n        define(key, additions[key]);\\n        build();\\n      });\\n    }, {\\n    key: 'reset',\\n    value:
function reset() {\\n      this.definitions = {};\\n    }, {\\n    key: '_pullDefinitions',\\n    value: function
_pullDefinitions(additions, definition) {\\n      var normalized = definition.prefix && definition.iconName &&
definition.icon ? { 0: definition } : definition;\\n\\n      Object.keys(normalized).map(function (key) {\\n        var
_normalizedName = normalized[key],\\n          prefix = _normalizedName.prefix,\\n          iconName =
_normalizedName.iconName,\\n          icon = _normalizedName.icon;\\n\\n        if (!additions[prefix])
additions[prefix] = {};\\n        additions[prefix][iconName] = icon;\\n      });\\n\\n      return additions;\\n    }
});\\n  }\\n\\n  return Library;\\n})();\\n\\nfunction prepIcon(icon) {\\n  var width = icon[0];\\n  var height = icon[1];\\n  var vectorData =
icon.slice(4);\\n\\n  return {\\n    found: true,\\n    width: width,\\n    height: height,\\n    icon: { tag: 'path', attributes: {
fill: 'currentColor', d: vectorData[0] } }\\n  };\\n}\\n\\nfunction ensureCss() {\\n  if (config.autoAddCss &&
!_cssInserted) {\\n    insertCss(css());\\n    _cssInserted = true;\\n  }\\n}\\n\\nfunction apiObject(val, abstractCreator) {\\n
Object.defineProperty(val, 'abstract', {\\n  get: abstractCreator\\n});\\n\\n  Object.defineProperty(val, 'html', {\\n  get:
function get() {\\n    return val.abstract.map(function (a) {\\n      return toHtml(a);\\n    });\\n  }\\n});\\n\\n
Object.defineProperty(val, 'node', {\\n  get: function get() {\\n    if (!IS_DOM) return;\\n\\n    var container =
DOCUMENT.createElement('div');\\n    container.innerHTML = val.html;\\n    return container.children;\\n  }\\n});\\n\\n
return val;\\n}\\n\\nfunction findIconDefinition(params) {\\n  var _params$prefix = params.prefix,\\n    prefix =
_params$prefix === undefined ? 'fa' : _params$prefix,\\n    iconName = params.iconName;\\n\\n  if (!iconName)
return;\\n\\n  return iconFromMapping(library.definitions, prefix, iconName) || iconFromMapping(namespace.styles,
prefix, iconName);\\n}\\n\\nfunction resolveIcons(next) {\\n  return function (maybeIconDefinition) {\\n    var params =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\\n\\n    var iconDefinition =
(maybeIconDefinition || {}).icon ? maybeIconDefinition : findIconDefinition(maybeIconDefinition || {});\\n\\n    var
mask = params.mask;\\n\\n    if (mask) {\\n      mask = (mask || {}).icon ? mask : findIconDefinition(mask || {});\\n    }
\\n\\n    return next(iconDefinition, _extends({}, params, { mask: mask }));\\n  };\\n}\\n\\nvar library = new
Library();\\n\\nvar noAuto = function noAuto() {\\n  config.autoReplaceSvg = false;\\n  config.observeMutations =
false;\\n\\n  disconnect();\\n};\\n\\nvar _cssInserted = false;\\n\\nvar dom = {\\n  i2svg: function i2svg() {\\n    var params =
arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\\n\\n    if (IS_DOM) {\\n
ensureCss();\\n\\n    var _params$node = params.node,\\n      node = _params$node === undefined ? DOCUMENT
: _params$node,\\n      _params$callback = params.callback,\\n      callback = _params$callback === undefined ?
function () {} : _params$callback;\\n\\n    if (config.searchPseudoElements) {\\n
searchPseudoElements(node);\\n    }\\n\\n    onTree(node, callback);\\n  }\\n},\\n  css: css,\\n  insertCss: function
insertCss$$$1() {\\n    if (!_cssInserted) {\\n      insertCss(css());\\n      _cssInserted = true;\\n    }\\n  },\\n  watch:

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function watch() {\n  var params = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n  var autoReplaceSvgRoot = params.autoReplaceSvgRoot,\n      observeMutationsRoot =\n  params.observeMutationsRoot;\n\n  if (config.autoReplaceSvg === false) {\n    config.autoReplaceSvg = true;\n  }\n  config.observeMutations = true;\n\n  domready(function () {\n    autoReplace({\n      autoReplaceSvgRoot: autoReplaceSvgRoot\n    });\n\n    observe({\n      treeCallback: onTree,\n      nodeCallback: onNode,\n      pseudoElementsCallback: searchPseudoElements,\n      observeMutationsRoot:\n      observeMutationsRoot\n    });\n  });\n\n  var parse = {\n    transform: function transform(transformString)\n    {\n      return parseTransformString(transformString);\n    }\n  };\n\n  var icon = resolveIcons(function (iconDefinition)\n  {\n    var params = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n    var\n    _params$transform = params.transform,\n        transform = _params$transform === undefined ?\n    meaninglessTransform : _params$transform,\n        _params$symbol = params.symbol,\n        symbol =\n    _params$symbol === undefined ? false : _params$symbol,\n        _params$mask = params.mask,\n        mask =\n    _params$mask === undefined ? null : _params$mask,\n        _params$title = params.title,\n        title = _params$title\n    === undefined ? null : _params$title,\n        _params$classes = params.classes,\n        classes = _params$classes ===\n    undefined ? [] : _params$classes,\n        _params$attributes = params.attributes,\n        attributes = _params$attributes\n    === undefined ? {} : _params$attributes,\n        _params$styles = params.styles,\n        styles = _params$styles ===\n    undefined ? {} : _params$styles;\n\n    if (!iconDefinition) return;\n\n    var prefix = iconDefinition.prefix,\n        iconName = iconDefinition.iconName,\n        icon = iconDefinition.icon;\n\n    return apiObject(_extends({ type:\n    'icon' }, iconDefinition), function () {\n      ensureCss();\n\n      if (config.autoA11y) {\n        if (title) {\n          attributes['aria-labelledby'] = config.replacementClass + '-title-' + nextUniqueId();\n        } else {\n          attributes['aria-hidden'] = 'true';\n        }\n      }\n\n      return makeInlineSvgAbstract({\n        icons: {\n          main:\n          prepIcon(icon),\n          mask: mask ? prepIcon(mask.icon) : { found: false, width: null, height: null, icon: {} }\n        },\n        prefix: prefix,\n        iconName: iconName,\n        transform: _extends({}, meaninglessTransform, transform),\n        symbol: symbol,\n        title: title,\n        extra: {\n          attributes: attributes,\n          styles: styles,\n          classes:\n          classes\n        }\n      });\n\n      var text = function text(content) {\n        var params = arguments.length > 1 &&\n        arguments[1] !== undefined ? arguments[1] : {};\n        var _params$transform2 = params.transform,\n            transform =\n        _params$transform2 === undefined ? meaninglessTransform : _params$transform2,\n            _params$title2 =\n        params.title,\n            title = _params$title2 === undefined ? null : _params$title2,\n            _params$classes2 =\n        params.classes,\n            classes = _params$classes2 === undefined ? [] : _params$classes2,\n            _params$attributes2 =\n        params.attributes,\n            attributes = _params$attributes2 ===\n        undefined ? {} : _params$attributes2,\n            _params$styles2 = params.styles,\n            styles = _params$styles2 ===\n        undefined ? {} : _params$styles2;\n\n        return\n        apiObject({ type: 'text', content: content }, function () {\n          ensureCss();\n\n          return makeLayersTextAbstract({\n            content: content,\n            transform: _extends({}, meaninglessTransform, transform),\n            title: title,\n            extra: {\n              attributes: attributes,\n              styles: styles,\n              classes: [config.familyPrefix + '-layers-\n              text'].concat(toConsumableArray(classes))\n            }\n          });\n\n          var counter = function counter(content) {\n            var params = arguments.length > 1 &&\n            arguments[1] !== undefined ? arguments[1] : {};\n            var _params$title3 =\n            params.title,\n                title = _params$title3 ===\n            undefined ? null : _params$title3,\n                _params$classes3 =\n            params.classes,\n                classes = _params$classes3 ===\n            undefined ? [] : _params$classes3,\n                _params$attributes3 =\n            params.attributes,\n                attributes = _params$attributes3 ===\n            undefined ? {} : _params$attributes3,\n                _params$styles3 = params.styles,\n                styles = _params$styles3 ===\n            undefined ? {} : _params$styles3;\n\n            return\n            apiObject({ type: 'counter', content: content }, function () {\n              ensureCss();\n\n              return\n              makeLayersCounterAbstract({\n                content: content.toString(),\n                title: title,\n                extra: {\n                  attributes:\n                  attributes,\n                  styles: styles,\n                  classes: [config.familyPrefix + '-layers-\n                  counter'].concat(toConsumableArray(classes))\n                }\n              });\n\n              var layer = function layer( assembler ) {\n                return apiObject({ type: 'layer' }, function () {\n                  ensureCss();\n\n                  var children = [];\n\n                  assembler(function\n                  (args) {\n                    Array.isArray(args) ? args.map(function (a) {\n                      children = children.concat(a.abstract);\n                    }) : children = children.concat(args.abstract);\n                  });\n\n                  return [{\n                    tag: 'span',\n                    attributes: { class:\n                    config.familyPrefix + '-layers' },\n                    children: children\n                  }];\n                });\n\n                var api = {\n                  noAuto: noAuto,\n
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config: config,\n dom: dom,\n library: library,\n parse: parse,\n findIconDefinition: findIconDefinition,\n icon:
icon,\n text: text,\n counter: counter,\n layer: layer,\n toHtml: toHtml\n};\n\nvar autoReplace = function
autoReplace() {\n var params = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n var
_params$autoReplaceSv = params.autoReplaceSvgRoot,\n autoReplaceSvgRoot = _params$autoReplaceSv ===
undefined ? DOCUMENT : _params$autoReplaceSv;\n\n if (Object.keys(namespace.styles).length > 0 &&
IS_DOM && config.autoReplaceSvg) api.dom.i2svg({ node: autoReplaceSvgRoot });\n\n\nexport { icon, noAuto,
config, toHtml, layer, text, counter, library, dom, parse, findIconDefinition };\n", "import FontAwesomeIcon from
'@fortawesome/vue-fontawesome'\nexport { library } from '@fortawesome/fontawesome-svg-core'\nexport default
FontAwesomeIcon\n", "/* Used as references for various `Number` constants. *\nvar MAX_SAFE_INTEGER =
9007199254740991;\n\n/* Used to detect unsigned integer values. *\nvar reIsUint = /^(?:0|[1-9]\\d*)$/;\n\n/*\n Checks if `value` is a valid array-like index.\n *\n * @private\n * @param {*} value The value to check.\n *
@param {number} [length=MAX_SAFE_INTEGER] The upper bounds of a valid index.\n * @returns {boolean}\n
Returns `true` if `value` is a valid index, else `false`.\n *\nfunction isIndex(value, length) {\n var type = typeof
value;\n length = length == null ? MAX_SAFE_INTEGER : length;\n\n return !!length &&\n (type == 'number'
||\n (type != 'symbol' && reIsUint.test(value))) &&\n (value > -1 && value % 1 == 0 && value <
length);\n}\n\nmodule.exports = isIndex;\n", "var baseSetToString = require('./_baseSetToString'),\n shortOut =
require('./_shortOut');\n\n/*\n * Sets the `toString` method of `func` to return `string`.\n *\n * @private\n *
@param {Function} func The function to modify.\n * @param {Function} string The `toString` result.\n * @returns
{Function}\n Returns `func`.\n *\nvar setToString = shortOut(baseSetToString);\n\nmodule.exports =
setToString;\n", "/* false -> Array#indexOf\n// true -> Array#includes\nvar toIObject = require('./_to-iobject');\nvar
toLength = require('./_to-length');\nvar toAbsoluteIndex = require('./_to-absolute-index');\n\nmodule.exports =
function (IS_INCLUDES) {\n return function ($this, el, fromIndex) {\n var O = toIObject($this);\n var length =
toLength(O.length);\n var index = toAbsoluteIndex(fromIndex, length);\n var value;\n // Array#includes uses
SameValueZero equality algorithm\n // eslint-disable-next-line no-self-compare\n if (IS_INCLUDES && el !==
el) while (length > index) {\n value = O[index++];\n // eslint-disable-next-line no-self-compare\n if (value
!== value) return true;\n // Array#indexOf ignores holes, Array#includes - not\n } else for (;length > index;
index++) if (IS_INCLUDES || index in O) {\n if (O[index] === el) return IS_INCLUDES || index || 0;\n }
return !IS_INCLUDES && -1;\n };;\n", "use strict";\nObject.defineProperty(exports, '__esModule', { value: true
});\n\nvar prefix = 'fas';\nvar iconName = 'share-alt';\nvar width = 448;\nvar height = 512;\nvar ligatures = [];\nvar
unicode = 'f1e0';\nvar svgPathData = 'M352 320c-22.608 0-43.387 7.819-59.79 20.8951-102.486-64.054a96.551
96.551 0 0 0 0-41.6831102.486-64.054C308.613 184.181 329.392 192 352 192c53.019 0 96-42.981 96-96S405.019
0 352 0s-96 42.981-96 96c0 7.158.79 14.13 2.276 20.841L155.79 180.895C139.387 167.819 118.608 160 96 160c-
53.019 0-96 42.981-96 96s42.981 96 96 96c22.608 0 43.387-7.819 59.79-20.8951102.486 64.054A96.301 96.301 0
0 0 256 416c0 53.019 42.981 96 96 96s96-42.981 96-96-42.981-96-96-96z';\n\nexports.definition = {\n prefix:
prefix,\n iconName: iconName,\n icon: [\n width,\n height,\n ligatures,\n unicode,\n svgPathData\n
]};\n\nexports.faShareAlt = exports.definition;\nexports.prefix = prefix;\nexports.iconName =
iconName;\nexports.width = width;\nexports.height = height;\nexports.ligatures = ligatures;\nexports.unicode =
unicode;\nexports.svgPathData = svgPathData;\n", "/*\n * Checks if a `cache` value for `key` exists.\n *\n *
@private\n * @param {Object} cache The cache to query.\n * @param {string} key The key of the entry to
check.\n * @returns {boolean}\n Returns `true` if an entry for `key` exists, else `false`.\n *\nfunction
cacheHas(cache, key) {\n return cache.has(key);\n}\n\nmodule.exports = cacheHas;\n", "var arrayReduce =
require('./_arrayReduce'),\n baseEach = require('./_baseEach'),\n baseIteratee = require('./_baseIteratee'),\n
baseReduce = require('./_baseReduce'),\n isArray = require('./isArray');\n\n/*\n * Reduces `collection` to a value
which is the accumulated result of running\n * each element in `collection` thru `iteratee`, where each successive\n *
invocation is supplied the return value of the previous. If `accumulator` is not given, the first element of
`collection` is used as the initial\n * value. The iteratee is invoked with four arguments:\n * (accumulator, value,
index|key, collection).\n *\n * Many lodash methods are guarded to work as iteratees for methods like\n *
`_.reduce`, `_.reduceRight`, and `_.transform`.\n *\n * The guarded methods are:\n * `assign`, `defaults`,

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`defaultsDeep`, `includes`, `merge`, `orderBy`,\n * and `sortBy`\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Collection\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function} [iteratee=_.identity] The function invoked per iteration.\n * @param {*} [accumulator] The initial value.\n * @returns {*} Returns the accumulated value.\n * @see _.reduceRight\n * @example\n *\n * _reduce([1, 2], function(sum, n) {\n *   return sum + n;\n * }, 0);\n * // => 3\n *\n * _reduce({'a': 1, 'b': 2, 'c': 1 }, function(result, value, key) {\n *   (result[value] || (result[value] = [])).push(key);\n *   return result;\n * }, {});\n * // => { '1': ['a', 'c'], '2': ['b'] } (iteration order is not guaranteed)\n *\n * function reduce(collection, iteratee, accumulator) {\n *   var func = isArray(collection) ? arrayReduce : baseReduce,\n *       initAccum = arguments.length < 3;\n *\n *   return func(collection, baseIteratee(iteratee, 4), accumulator, initAccum, baseEach);\n * }\n *\n * module.exports = reduce;\n *","use strict";\n *var global = require('./_global');\n *var has = require('./_has');\n *var cof = require('./_cof');\n *var inheritIfRequired = require('./_inherit-if-required');\n *var toPrimitive = require('./_to-primitive');\n *var fails = require('./_fails');\n *var gOPN = require('./_object-gopn').f;\n *var gOPD = require('./_object-gopd').f;\n *var dP = require('./_object-dp').f;\n *var $trim = require('./_string-trim').trim;\n *var NUMBER = 'Number';\n *var $Number = global[NUMBER];\n *var Base = $Number;\n *var proto = $Number.prototype;\n *// Opera ~12 has broken Object#toString\n *var BROKEN_COF = cof(require('./_object-create')(proto)) == NUMBER;\n *var TRIM = 'trim' in String.prototype;\n *// 7.1.3 ToNumber(argument)\n *var toNumber = function (argument) {\n *  var it = toPrimitive(argument, false);\n *  if (typeof it == 'string' && it.length > 2) {\n *    it = TRIM ? it.trim() : $trim(it, 3);\n *    var first = it.charCodeAt(0);\n *    var third, radix, maxCode;\n *    if (first === 43 || first === 45) {\n *      third = it.charCodeAt(2);\n *      if (third === 88 || third === 120) return NaN; // Number('+0x1') should be NaN, old V8 fix\n *    } else if (first === 48) {\n *      switch (it.charCodeAt(1)) {\n *        case 66: case 98: radix = 2; maxCode = 49; break;\n *        // fast equal /^0b[01]+$/\n *        case 79: case 111: radix = 8; maxCode = 55; break; // fast equal /^0o[0-7]+$/\n *        default: return +it;\n *      }\n *      for (var digits = it.slice(2), i = 0, l = digits.length, code; i < l; i++) {\n *        code = digits.charCodeAt(i);\n *        // parseInt parses a string to a first unavailable symbol\n *        // but ToNumber should return NaN if a string contains unavailable symbols\n *        if (code < 48 || code > maxCode) return NaN;\n *      }\n *      return parseInt(digits, radix);\n *    }\n *  }\n *  return +it;\n *};\n *if (!$Number('0o1') || !$Number('0b1') || $Number('+0x1')) {\n *  $Number = function Number(value) {\n *    var it = arguments.length < 1 ? 0 : value;\n *    var that = this;\n *    return that instanceof $Number\n *      // check on L..constructor(foo) case\n *      && (BROKEN_COF ? fails(function () {\n *        proto.valueOf.call(that); }) : cof(that) != NUMBER)\n *      ? inheritIfRequired(new Base(toNumber(it)), that, $Number) : toNumber(it);\n *  };\n *  for (var keys = require('./_descriptors') ? gOPN(Base) : (\n *    // ES3:\n *    'MAX_VALUE,MIN_VALUE,NaN,NEGATIVE_INFINITY,POSITIVE_INFINITY,' +\n *    // ES6 (in case, if modules with ES6 Number statics required before):\n *    'EPSILON,isFinite,isInteger,isNaN,isSafeInteger,MAX_SAFE_INTEGER,' +\n *    'MIN_SAFE_INTEGER,parseFloat,parseInt,isInteger'\n *  ).split(','), j = 0, key; keys.length > j; j++) {\n *    if (has(Base, key) && !has($Number, key)) {\n *      dP($Number, key, gOPD(Base, key));\n *    }\n *  }\n *  $Number.prototype = proto;\n *  proto.constructor = $Number;\n *  require('./_define')(global, NUMBER, $Number);\n *}\n *","// extracted by mini-css-extract-plugin", "module.exports = require('./forEach');\n *","module.exports = !require('./_descriptors') && !require('./_fails')(function () {\n *  return Object.defineProperty(require('./_dom-create')('div'), 'a', { get: function () { return 7; } }).a != 7;\n *});\n *","var baseFlatten = require('./_baseFlatten'),\n *baseOrderBy = require('./_baseOrderBy'),\n *baseRest = require('./_baseRest'),\n *isIterateeCall = require('./_isIterateeCall');\n *//**\n * Creates an array of elements, sorted in ascending order by the results of\n * running each element in a collection thru each iteratee. This method\n * performs a stable sort, that is, it preserves the original sort order of\n * equal elements. The iteratees are invoked with one argument: (value).\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Collection\n * @param {Array|Object} collection The collection to iterate over.\n * @param {...(Function|Function[])} [iteratees=[_.identity]]\n * The iteratees to sort by.\n * @returns {Array} Returns the new sorted array.\n * @example\n *\n * var users = [\n *   { 'user': 'fred', 'age': 48 },\n *   { 'user': 'barney', 'age': 36 },\n *   { 'user': 'fred', 'age': 40 },\n *   { 'user': 'barney', 'age': 34 }\n * ];\n *\n * _sortBy(users, [function(o) { return o.user; }]);\n * // => objects for [['barney', 36], ['barney', 34], ['fred', 48], ['fred', 40]]\n *\n * _sortBy(users, ['user', 'age']);\n * // =>

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objects for [['barney', 34], ['barney', 36], ['fred', 40], ['fred', 48]]\n *\nvar sortBy = baseRest(function(collection,
iteratees) {\n if (collection == null) {\n return [];\n }\n var length = iteratees.length;\n if (length > 1 &&
isIterateeCall(collection, iteratees[0], iteratees[1])) {\n iteratees = [];\n } else if (length > 2 &&
isIterateeCall(iteratees[0], iteratees[1], iteratees[2])) {\n iteratees = [iteratees[0];\n }\n return
baseOrderBy(collection, baseFlatten(iteratees, 1), []);\n}\n\nmodule.exports = sortBy;\n", "var getNative =
require('./_getNative'),\n root = require('./_root');\n\n/* Built-in method references that are verified to be native.
*\nvar Set = getNative(root, 'Set');\n\nmodule.exports = Set;\n", "var g;\n\n// This works in non-strict mode\ng =
(function() {\n\treturn this;\n})();\n\ntry {\n\t// This works if eval is allowed (see CSP)\n\tg = g || Function("\nreturn
this")()\n\t|| (1, eval)("this");\n} catch (e) {\n\t// This works if the window reference is available\n\tif (typeof window
=== "object") g = window;\n}\n\n// g can still be undefined, but nothing to do about it...\n\n// We return undefined,
instead of nothing here, so it's\n// easier to handle this case. if(!global) { ... }\n\nmodule.exports = g;\n", "var id =
0;\nvar px = Math.random();\n\nmodule.exports = function (key) {\n return 'Symbol'.concat(key === undefined ? " :
key, '_-', (++id + px).toString(36));\n};\n", "use strict";\nvar addToUnscopables = require('./_add-to-
unscopables');\nvar step = require('./_iter-step');\nvar Iterators = require('./_iterators');\nvar toIObject =
require('./_to-iobject');\n\n// 22.1.3.4 Array.prototype.entries()\n// 22.1.3.13 Array.prototype.keys()\n// 22.1.3.29
Array.prototype.values()\n// 22.1.3.30 Array.prototype[@@iterator]()\n\nmodule.exports = require('./_iter-
define')(Array, 'Array', function (iterated, kind) {\n this._t = toIObject(iterated); // target\n this._i = 0; //
next index\n this._k = kind; // kind\n// 22.1.5.2.1 %ArrayIteratorPrototype%.next()\n}, function () {\n var
O = this._t;\n var kind = this._k;\n var index = this._i++;\n if (!O || index >= O.length) {\n this._t = undefined;\n
return step(1);\n }\n if (kind == 'keys') return step(0, index);\n if (kind == 'values') return step(0, O[index]);\n
return step(0, [index, O[index]]);\n}, 'values');\n\n// argumentsList[@@iterator] is %ArrayProto_values% (9.4.4.6,
9.4.4.7)\n\nIterators.Arguments =
Iterators.Array;\n\naddToUnscopables('keys');\naddToUnscopables('values');\naddToUnscopables('entries');\n", "var
isSymbol = require('./isSymbol');\n\n/**\n * Compares values to sort them in ascending order.\n * @private\n *
@param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @returns
{number} Returns the sort order indicator for `value`.\n *\nfunction compareAscending(value, other) {\n if (value
!== other) {\n var valIsDefined = value !== undefined,\n valIsNull = value === null,\n valIsReflexive =
value === value,\n valIsSymbol = isSymbol(value);\n\n var othIsDefined = other !== undefined,\n
othIsNull = other === null,\n othIsReflexive = other === other,\n othIsSymbol = isSymbol(other);\n\n if
((!othIsNull && !othIsSymbol && !valIsSymbol && value > other) ||\n (valIsSymbol && othIsDefined &&
othIsReflexive && !othIsNull && !othIsSymbol) ||\n (valIsNull && othIsDefined && othIsReflexive) ||\n
(!valIsDefined && othIsReflexive) ||\n !valIsReflexive) {\n return 1;\n }\n if ((!valIsNull &&
!valIsSymbol && !othIsSymbol && value < other) ||\n (othIsSymbol && valIsDefined && valIsReflexive &&
!valIsNull && !valIsSymbol) ||\n (othIsNull && valIsDefined && valIsReflexive) ||\n (!othIsDefined &&
valIsReflexive) ||\n !othIsReflexive) {\n return -1;\n }\n }\n return 0;\n}\n\nmodule.exports =
compareAscending;\n", "var eq = require('./eq');\n\n/**\n * Gets the index at which the `key` is found in `array` of
key-value pairs.\n * @private\n * @param {Array} array The array to inspect.\n * @param {*} key The key to
search for.\n * @returns {number} Returns the index of the matched value, else `-1`.\n *\nfunction
assocIndexOf(array, key) {\n var length = array.length;\n while (length--) {\n if (eq(array[length][0], key)) {\n
return length;\n }\n }\n return -1;\n}\n\nmodule.exports = assocIndexOf;\n", "/*!\n * Font Awesome Free 5.0.13
by @fontawesome - https://fontawesome.com\n * License - https://fontawesome.com/license (Icons: CC BY 4.0,
Fonts: SIL OFL 1.1, Code: MIT License)\n *\nvar noop = function noop() {};\n\nvar _WINDOW = {};\nvar
_DOCUMENT = {};\nvar _MUTATION_OBSERVER$1 = null;\nvar _PERFORMANCE = { mark: noop,
measure: noop };\n\ntry {\n if (typeof window !== 'undefined') _WINDOW = window;\n if (typeof document !==
'undefined') _DOCUMENT = document;\n if (typeof MutationObserver !== 'undefined')
_MUTATION_OBSERVER$1 = MutationObserver;\n if (typeof performance !== 'undefined') _PERFORMANCE
= performance;\n} catch (e) {};\n\nvar _ref = _WINDOW.navigator || {};\nvar _ref$userAgent =
_ref.userAgent;\nvar userAgent = _ref$userAgent === undefined ? " : _ref$userAgent;\n\nvar WINDOW =

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_WINDOW;\nvar DOCUMENT = _DOCUMENT;\nvar MUTATION_OBSERVER =
_MUTATION_OBSERVER$1;\nvar PERFORMANCE = _PERFORMANCE;\nvar IS_BROWSER =
!!WINDOW.document;\nvar IS_DOM = !!DOCUMENT.documentElement && !!DOCUMENT.head && typeof
DOCUMENT.addEventListener === 'function' && typeof DOCUMENT.createElement === 'function';\nvar IS_IE
= ~userAgent.indexOf('MSIE') || ~userAgent.indexOf('Trident/');\n\nvar NAMESPACE_IDENTIFIER =
'__FONT_AWESOME__';\nvar UNITS_IN_GRID = 16;\nvar DEFAULT_FAMILY_PREFIX = 'fa';\nvar
DEFAULT_REPLACEMENT_CLASS = 'svg-inline--fa';\nvar DATA_FA_I2SVG = 'data-fa-i2svg';\nvar
DATA_FA_PSEUDO_ELEMENT = 'data-fa-pseudo-element';\nvar HTML_CLASS_I2SVG_BASE_CLASS =
'fontawesome-i2svg';\n\nvar PRODUCTION = function () {\n  try {\n    return process.env.NODE_ENV ===
'production';\n  } catch (e) {\n    return false;\n  }\n}();\n\nvar oneToTen = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];\nvar
oneToTwenty = oneToTen.concat([11, 12, 13, 14, 15, 16, 17, 18, 19, 20]);\n\nvar
ATTRIBUTES_WATCHED_FOR_MUTATION = ['class', 'data-prefix', 'data-icon', 'data-fa-transform', 'data-fa-
mask'];\n\nvar RESERVED_CLASSES = ['xs', 'sm', 'lg', 'fw', 'ul', 'li', 'border', 'pull-left', 'pull-right', 'spin', 'pulse',
'rotate-90', 'rotate-180', 'rotate-270', 'flip-horizontal', 'flip-vertical', 'stack', 'stack-1x', 'stack-2x', 'inverse', 'layers',
'layers-text', 'layers-counter'].concat(oneToTen.map(function (n) {\n  return n +
'x';\n})).concat(oneToTwenty.map(function (n) {\n  return 'w-' + n;\n}));\n\nvar classCallCheck = function (instance,
Constructor) {\n  if (!(instance instanceof Constructor)) {\n    throw new TypeError("Cannot call a class as a
function");\n  }\n};\n\nvar createClass = function () {\n  function defineProperties(target, props) {\n    for (var i = 0;
i < props.length; i++) {\n      var descriptor = props[i];\n      descriptor.enumerable = descriptor.enumerable || false;\n
      descriptor.configurable = true;\n      if ("value" in descriptor) descriptor.writable = true;\n
      Object.defineProperty(target, descriptor.key, descriptor);\n    }\n  }\n\n  return function (Constructor, protoProps,
staticProps) {\n    if (protoProps) defineProperties(Constructor.prototype, protoProps);\n    if (staticProps)
defineProperties(Constructor, staticProps);\n    return Constructor;\n  };
}();\n\n\nvar _extends = Object.assign ||
function (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in
source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n
    }\n\n    return target;\n  };
}();\n\n\nvar toConsumableArray = function (arr) {\n  if (Array.isArray(arr)) {\n    for (var
i = 0, arr2 = Array(arr.length); i < arr.length; i++) arr2[i] = arr[i];\n\n    return arr2;\n  } else {\n    return
Array.from(arr);\n  }\n};\n\nvar initial = WINDOW.FontAwesomeConfig || {};\nvar initialKeys =
Object.keys(initial);\n\nvar _default = _extends({\n  familyPrefix: DEFAULT_FAMILY_PREFIX,\n  replacementClass:
DEFAULT_REPLACEMENT_CLASS,\n  autoReplaceSvg: true,\n  autoAddCss: true,\n  autoA11y: true,\n  searchPseudoElements: false,\n  observeMutations: true,\n  keepOriginalSource: true,\n  measurePerformance: false,\n  showMissingIcons: true\n}, initial);\n\nif (!_default.autoReplaceSvg)
_default.observeMutations = false;\n\nvar config$1 = _extends({}, _default);\n\nWINDOW.FontAwesomeConfig =
config$1;\n\nfunction update(newConfig) {\n  var params = arguments.length > 1 && arguments[1] !== undefined ?
arguments[1] : {};\n  var _params$asNewDefault = params.asNewDefault,\n      asNewDefault =
_params$asNewDefault === undefined ? false : _params$asNewDefault;\n\n  var validKeys =
Object.keys(config$1);\n  var ok = asNewDefault ? function (k) {\n    return ~validKeys.indexOf(k) &&
!~initialKeys.indexOf(k);\n  } : function (k) {\n    return ~validKeys.indexOf(k);\n  };\n\n  Object.keys(newConfig).forEach(function (configKey) {\n    if (ok(configKey)) config$1[configKey] =
newConfig[configKey];\n  });\n}\n\nfunction auto(value) {\n  update({\n    autoReplaceSvg: value,\n    observeMutations: value\n  });\n}\n\nvar w = WINDOW || {};\n\nif (!w[NAMESPACE_IDENTIFIER])
w[NAMESPACE_IDENTIFIER] = {};\n\nif (!w[NAMESPACE_IDENTIFIER].styles)
w[NAMESPACE_IDENTIFIER].styles = {};\n\nif (!w[NAMESPACE_IDENTIFIER].hooks)
w[NAMESPACE_IDENTIFIER].hooks = {};\n\nif (!w[NAMESPACE_IDENTIFIER].shims)
w[NAMESPACE_IDENTIFIER].shims = [];\n\nvar namespace = w[NAMESPACE_IDENTIFIER];\n\nvar
functions = [];\n\nvar listener = function listener() {\n  DOCUMENT.removeEventListener('DOMContentLoaded',
listener);\n  loaded = 1;\n  functions.map(function (fn) {\n    return fn();\n  });\n}\n\nvar loaded = false;\n\nif
(IS_DOM) {\n  loaded = (DOCUMENT.documentElement.doScroll ? /^loaded|^c/ :

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/^loaded|^i|^c/.test(DOCUMENT.readyState);\n\n if (!loaded)
DOCUMENT.addEventListener('DOMContentLoaded', listener);\n\n\nvar domready = function (fn) {\n if
(!IS_DOM) return;\n loaded ? setTimeout(fn, 0) : functions.push(fn);\n};\n\n\nvar d = UNITS_IN_GRID;\n\n\nvar
meaninglessTransform = {\n size: 16,\n x: 0,\n y: 0,\n rotate: 0,\n flipX: false,\n flipY: false\n};\n\n\nfunction
isReserved(name) {\n return ~RESERVED_CLASSES.indexOf(name);\n}\n\n\nfunction bunker(fn) {\n try {\n
fn();\n } catch (e) {\n if (!PRODUCTION) {\n throw e;\n }}\n}\n\n\nfunction insertCss(css) {\n if (!css ||
!IS_DOM) {\n return;\n }\n\n var style = DOCUMENT.createElement('style');\n style.setAttribute('type',
'text/css');\n style.innerHTML = css;\n\n var headChildren = DOCUMENT.head.childNodes;\n var beforeChild =
null;\n\n for (var i = headChildren.length - 1; i > -1; i--) {\n var child = headChildren[i];\n var tagName =
(child.tagName || '').toUpperCase();\n if (['STYLE', 'LINK'].indexOf(tagName) > -1) {\n beforeChild = child;\n
}\n }\n\n DOCUMENT.head.insertBefore(style, beforeChild);\n\n return css;\n}\n\n\nvar _uniqueId =
0;\n\n\nfunction nextUniqueId() {\n _uniqueId++;\n\n return _uniqueId;\n}\n\n\nfunction toArray(obj) {\n var array =
[];\n\n for (var i = (obj || []).length >>> 0; i--;) {\n array[i] = obj[i];\n }\n\n return array;\n}\n\n\nfunction
classArray(node) {\n if (node.classList) {\n return toArray(node.classList);\n } else {\n return
(node.getAttribute('class') || '').split(' ').filter(function (i) {\n return i;\n });\n }\n}\n\n\nfunction
getIconName(familyPrefix, cls) {\n var parts = cls.split('-');\n var prefix = parts[0];\n var iconName =
parts.slice(1).join('-');\n\n if (prefix === familyPrefix && iconName !== '' && !isReserved(iconName)) {\n return
iconName;\n } else {\n return null;\n }\n}\n\n\nfunction htmlEscape(str) {\n return (' + str).replace(/&/g,
'&amp;').replace(/"/g, '&quot;').replace(/'/g, '&#39;').replace(/</g, '&lt;').replace(/>/g, '&gt;');\n}\n\n\nfunction
joinAttributes(attributes) {\n return Object.keys(attributes || {}).reduce(function (acc, attributeName) {\n return
acc + (attributeName + '=' + htmlEscape(attributes[attributeName]) + ' ');\n }, '').trim();\n}\n\n\nfunction
joinStyles(styles) {\n return Object.keys(styles || {}).reduce(function (acc, styleName) {\n return acc +
(styleName + ':' + styles[styleName] + ';');\n }, '');\n}\n\n\nfunction transformIsMeaningful(transform) {\n return
transform.size !== meaninglessTransform.size || transform.x !== meaninglessTransform.x || transform.y !==
meaninglessTransform.y || transform.rotate !== meaninglessTransform.rotate || transform.flipX ||
transform.flipY;\n}\n\n\nfunction transformForSvg(_ref) {\n var transform = _ref.transform,\n containerWidth =
_ref.containerWidth,\n iconWidth = _ref.iconWidth;\n\n var outer = {\n transform: 'translate(' +
containerWidth / 2 + ' 256')\n }; \n var innerTranslate = 'translate(' + transform.x * 32 + ', ' + transform.y * 32 + ')
';\n var innerScale = 'scale(' + transform.size / 16 * (transform.flipX ? -1 : 1) + ', ' + transform.size / 16 *
(transform.flipY ? -1 : 1) + ')';\n var innerRotate = 'rotate(' + transform.rotate + ' 0 0)';\n var inner = {\n
transform: innerTranslate + ' ' + innerScale + ' ' + innerRotate\n }; \n var path = {\n transform: 'translate(' +
iconWidth / 2 * -1 + ' -256')\n }; \n return {\n outer: outer,\n inner: inner,\n path: path\n }; \n}\n\n\nfunction
transformForCss(_ref2) {\n var transform = _ref2.transform,\n _ref2$width = _ref2.width,\n width =
_ref2$width === undefined ? UNITS_IN_GRID : _ref2$width,\n _ref2$height = _ref2.height,\n height =
_ref2$height === undefined ? UNITS_IN_GRID : _ref2$height,\n _ref2$startCentered = _ref2.startCentered,\n
startCentered = _ref2$startCentered === undefined ? false : _ref2$startCentered;\n\n var val = '';\n\n if
(startCentered && IS_IE) {\n val += 'translate(' + (transform.x / d - width / 2) + 'em, ' + (transform.y / d - height /
2) + 'em)';\n } else if (startCentered) {\n val += 'translate(calc(-50% + ' + transform.x / d + 'em), calc(-50% + ' +
transform.y / d + 'em))';\n } else {\n val += 'translate(' + transform.x / d + 'em, ' + transform.y / d + 'em)';\n }\n}\n\n
val += 'scale(' + transform.size / d * (transform.flipX ? -1 : 1) + ', ' + transform.size / d * (transform.flipY ? -1 : 1) +
')';\n val += 'rotate(' + transform.rotate + 'deg)';\n\n return val;\n}\n\n\nvar ALL_SPACE = {\n x: 0,\n y: 0,\n
width: '100%',\n height: '100%'\n};\n\n\nvar makeIconMasking = function (_ref) {\n var children = _ref.children,\n
attributes = _ref.attributes,\n main = _ref.main,\n mask = _ref.mask,\n transform = _ref.transform;\n\n var
mainWidth = main.width,\n mainPath = main.icon;\n var maskWidth = mask.width,\n maskPath =
mask.icon;\n\n\n var trans = transformForSvg({ transform: transform, containerWidth: maskWidth, iconWidth:
mainWidth });\n\n var maskRect = {\n tag: 'rect',\n attributes: _extends({}, ALL_SPACE, {\n fill: 'white'\n
})\n }; \n var maskInnerGroup = {\n tag: 'g',\n attributes: _extends({}, trans.inner),\n children: [{ tag: 'path',
attributes: _extends({}, mainPath.attributes, trans.path, { fill: 'black' }) }]\n }; \n var maskOuterGroup = {\n tag:

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'g',\n  attributes: _extends({}, trans.outer),\n  children: [maskInnerGroup]\n  });\n  var maskId = 'mask-' +
nextUniqueId();\n  var clipId = 'clip-' + nextUniqueId();\n  var maskTag = {\n  tag: 'mask',\n  attributes:
_extends({}, ALL_SPACE, {\n  id: maskId,\n  maskUnits: 'userSpaceOnUse',\n  maskContentUnits:
'userSpaceOnUse'\n  }),\n  children: [maskRect, maskOuterGroup]\n  });\n  var defs = {\n  tag: 'defs',\n
children: [{ tag: 'clipPath', attributes: { id: clipId }, children: [maskPath] }, maskTag]\n  });\n  \n  children.push(defs, {
tag: 'rect', attributes: _extends({ fill: 'currentColor', 'clip-path': 'url(#' + clipId + ')', mask: 'url(#' + maskId + ')' },
ALL_SPACE));\n  \n  return {\n  children: children,\n  attributes: attributes\n  };};\n  \n  var makeIconStandard =
function (_ref) {\n  var children = _ref.children,\n  attributes = _ref.attributes,\n  main = _ref.main,\n  transform = _ref.transform,\n  styles = _ref.styles;\n  \n  var styleString = joinStyles(styles);\n  \n  if
(styleString.length > 0) {\n  attributes['style'] = styleString;\n  }\n  \n  if (transformIsMeaningful(transform)) {\n
var trans = transformForSvg({ transform: transform, containerWidth: main.width, iconWidth: main.width });\n
  children.push({\n  tag: 'g',\n  attributes: _extends({}, trans.outer),\n  children: [{\n  tag: 'g',\n
attributes: _extends({}, trans.inner),\n  children: [{\n  tag: main.icon.tag,\n  children:
main.icon.children,\n  attributes: _extends({}, main.icon.attributes, trans.path)\n  }]\n  }]\n  });\n  } else
{\n  children.push(main.icon);\n  }\n  \n  return {\n  children: children,\n  attributes: attributes\n  };};\n  \n  var
asIcon = function (_ref) {\n  var children = _ref.children,\n  main = _ref.main,\n  mask = _ref.mask,\n
attributes = _ref.attributes,\n  styles = _ref.styles,\n  transform = _ref.transform;\n  \n  if
(transformIsMeaningful(transform) && main.found && !mask.found) {\n  var width = main.width,\n  height =
main.height;\n  \n  var offset = {\n  x: width / height / 2,\n  y: 0.5\n  };;\n  attributes['style'] =
joinStyles(_extends({}, styles, {\n  'transform-origin': offset.x + transform.x / 16 + 'em ' + (offset.y + transform.y /
16) + 'em'\n  }));\n  \n  return [{\n  tag: 'svg',\n  attributes: attributes,\n  children: children\n  }];};\n  \n  var
asSymbol = function (_ref) {\n  var prefix = _ref.prefix,\n  iconName = _ref.iconName,\n  children =
_ref.children,\n  attributes = _ref.attributes,\n  symbol = _ref.symbol;\n  \n  var id = symbol === true ? prefix + '-'
+ config$1.familyPrefix + '-' + iconName : symbol;\n  \n  return [{\n  tag: 'svg',\n  attributes: {\n  style: 'display:
none;',\n  children: [{\n  tag: 'symbol',\n  attributes: _extends({}, attributes, { id: id }),\n  children:
children\n  }]\n  }];};\n  \n  function makeInlineSvgAbstract(params) {\n  var _params$icons = params.icons,\n
main = _params$icons.main,\n  mask = _params$icons.mask,\n  prefix = params.prefix,\n  iconName =
params.iconName,\n  transform = params.transform,\n  symbol = params.symbol,\n  title = params.title,\n
extra = params.extra,\n  _params$watchable = params.watchable,\n  watchable = _params$watchable ===
undefined ? false : _params$watchable;\n  \n  var _ref = mask.found ? mask : main,\n  width = _ref.width,\n
height = _ref.height;\n  \n  var widthClass = 'fa-w-' + Math.ceil(width / height * 16);\n  var attrClass =
[config$1.replacementClass, iconName ? config$1.familyPrefix + '-' + iconName : '',
widthClass].concat(extra.classes).join(' ');\n  \n  var content = {\n  children: [],\n  attributes: _extends({},
extra.attributes, {\n  'data-prefix': prefix,\n  'data-icon': iconName,\n  'class': attrClass,\n  'role': 'img',\n
xmlns: 'http://www.w3.org/2000/svg',\n  'viewBox': '0 0 ' + width + ' ' + height\n  })\n  };;\n  \n  if (watchable) {\n
content.attributes[DATA_FA_I2SVG] = ";\n  }\n  \n  if (title) content.children.push({ tag: 'title', attributes: { id:
content.attributes['aria-labelledby'] || 'title-' + nextUniqueId() }, children: [title] });\n  \n  var args = _extends({},
content, {\n  prefix: prefix,\n  iconName: iconName,\n  main: main,\n  mask: mask,\n  transform: transform,\n
symbol: symbol,\n  styles: extra.styles\n  });\n  \n  var _ref2 = mask.found && main.found ?
makeIconMasking(args) : makeIconStandard(args),\n  children = _ref2.children,\n  attributes =
_ref2.attributes;\n  \n  args.children = children;\n  args.attributes = attributes;\n  \n  if (symbol) {\n  return
asSymbol(args);\n  } else {\n  return asIcon(args);\n  };\n  \n  function makeLayersTextAbstract(params) {\n  var
content = params.content,\n  width = params.width,\n  height = params.height,\n  transform =
params.transform,\n  title = params.title,\n  extra = params.extra,\n  _params$watchable2 =
params.watchable,\n  watchable = _params$watchable2 === undefined ? false : _params$watchable2;\n  \n  var
attributes = _extends({}, extra.attributes, title ? { 'title': title } : {}, {\n  'class': extra.classes.join(' ')\n  });\n  \n  if
(watchable) {\n  attributes[DATA_FA_I2SVG] = ";\n  }\n  \n  var styles = _extends({}, extra.styles);\n  \n  if
(transformIsMeaningful(transform)) {\n  styles['transform'] = transformForCss({ transform: transform,

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mutators.replace;\n}\n\nvar mutators = {\n  replace: function replace(mutation) {\n    var node = mutation[0];\n    var abstract = mutation[1];\n    var newOuterHTML = abstract.map(function (a) {\n      return toHtml(a);\n    }).join('\\n');\n    if (node.parentNode && node.outerHTML) {\n      node.outerHTML = newOuterHTML +\n      (config$1.keepOriginalSource && node.tagName.toLowerCase() !== 'svg' ? '<!-- ' + node.outerHTML + ' --> : '');\n    } else if (node.parentNode) {\n      var newNode = document.createElement('span');\n      node.parentNode.replaceChild(newNode, node);\n      newNode.outerHTML = newOuterHTML;\n    }\n  },\n  nest:\n  function nest(mutation) {\n    var node = mutation[0];\n    var abstract = mutation[1];\n    // If we already have a\n    // replaced node we do not want to continue nesting within it.\n    // Short-circuit to the standard replacement\n    if (~classArray(node).indexOf(config$1.replacementClass)) {\n      return mutators.replace(mutation);\n    }\n    var\n    forSvg = new RegExp(config$1.familyPrefix + '-.*');\n    delete abstract[0].attributes.style;\n    var splitClasses =\n    abstract[0].attributes.class.split(' ').reduce(function (acc, cls) {\n      if (cls === config$1.replacementClass ||\n      cls.match(forSvg)) {\n        acc.toSvg.push(cls);\n      } else {\n        acc.toNode.push(cls);\n      }\n    }, { toNode: [], toSvg: [] });\n    abstract[0].attributes.class = splitClasses.toSvg.join(' ');\n    var\n    newInnerHTML = abstract.map(function (a) {\n      return toHtml(a);\n    }).join('\\n');\n    node.setAttribute('class',\n    splitClasses.toNode.join(' '));\n    node.setAttribute(DATA_FA_I2SVG, '');\n    node.innerHTML =\n    newInnerHTML;\n  }\n};\n\nfunction perform(mutations, callback) {\n  var callbackFunction = typeof callback ===\n  'function' ? callback : noop$1;\n  if (mutations.length === 0) {\n    callbackFunction();\n  } else {\n    var frame =\n    WINDOW.requestAnimationFrame || function (op) {\n      return op();\n    };\n    frame(function () {\n      var\n      mutator = getMutator();\n      var mark = perf.begin('mutate');\n      mutations.map(mutator);\n      mark();\n      callbackFunction();\n    });\n  }\n}\n\nvar disabled = false;\n\nfunction disableObservation(operation) {\n  disabled = true;\n  operation();\n  disabled = false;\n}\n\nvar mo = null;\n\nfunction observe(options) {\n  if (!MUTATION_OBSERVER) return;\n  var treeCallback = options.treeCallback,\n  nodeCallback =\n  options.nodeCallback,\n  pseudoElementsCallback = options.pseudoElementsCallback;\n  mo = new\n  MUTATION_OBSERVER(function (objects) {\n    if (disabled) return;\n    toArray(objects).forEach(function\n    (mutationRecord) {\n      if (mutationRecord.type === 'childList' && mutationRecord.addedNodes.length > 0 &&\n      !isWatched(mutationRecord.addedNodes[0])) {\n        if (config$1.searchPseudoElements) {\n          pseudoElementsCallback(mutationRecord.target);\n        }\n        treeCallback(mutationRecord.target);\n      }\n      if (mutationRecord.type === 'attributes' && mutationRecord.target.parentNode &&\n      config$1.searchPseudoElements) {\n        pseudoElementsCallback(mutationRecord.target.parentNode);\n      }\n      if (mutationRecord.type === 'attributes' && isWatched(mutationRecord.target) &&\n      ~ATTRIBUTES_WATCHED_FOR_MUTATION.indexOf(mutationRecord.attributeName)) {\n        if\n        (mutationRecord.attributeName === 'class') {\n          var _getCanonicalIcon =\n          getCanonicalIcon(classArray(mutationRecord.target)),\n          prefix = _getCanonicalIcon.prefix,\n          iconName = _getCanonicalIcon.iconName;\n          if (prefix) mutationRecord.target.setAttribute('data-prefix',\n          prefix);\n          if (iconName) mutationRecord.target.setAttribute('data-icon', iconName);\n        } else {\n          nodeCallback(mutationRecord.target);\n        }\n      }\n    });\n  });\n  if (!IS_DOM) return;\n  mo.observe(DOCUMENT.getElementsByTagName('body')[0], {\n    childList: true, attributes: true, characterData:\n    true, subtree: true\n  });\n}\n\nfunction disconnect() {\n  if (!mo) return;\n  mo.disconnect();\n}\n\nvar styleParser =\n  function (node) {\n    var style = node.getAttribute('style');\n    var val = [];\n    if (style) {\n      val =\n      style.split(';').reduce(function (acc, style) {\n        var styles = style.split(':');\n        var prop = styles[0];\n        var value =\n        styles.slice(1);\n        if (prop && value.length > 0) {\n          acc[prop] = value.join(':').trim();\n        }\n      }, {});\n    }\n    return val;\n  };\n\nfunction toHex(unicode) {\n  var result = '';\n  for (var i = 0; i <\n  unicode.length; i++) {\n    var hex = unicode.charCodeAtAt(i).toString(16);\n    result += ('000' + hex).slice(-4);\n  }\n  return result;\n}\n\nvar classParser = function (node) {\n  var existingPrefix = node.getAttribute('data-\n  prefix');\n  var existingIconName = node.getAttribute('data-icon');\n  var innerText = node.innerText !== undefined\n  ? node.innerText.trim() : '';\n  var val = getCanonicalIcon(classArray(node));\n  if (existingPrefix &&\n  existingIconName) {\n    val.prefix = existingPrefix;\n    val.iconName = existingIconName;\n  }\n  if (val.prefix\n  && innerText.length > 1) {\n    val.iconName = byLigature(val.prefix, node.innerText);\n  } else if (val.prefix &&

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innerText.length === 1) {\n  val.iconName = byUnicode(val.prefix, toHex(node.innerText));\n } return
val};\n\nvar parseTransformString = function parseTransformString(transformString) {\n var transform = {\n
size: 16,\n x: 0,\n y: 0,\n flipX: false,\n flipY: false,\n rotate: 0\n };\n\n if (!transformString) {\n return
transform;\n } else {\n return transformString.toLowerCase().split(' ').reduce(function (acc, n) {\n var parts =
n.toLowerCase().split('-');\n var first = parts[0];\n var rest = parts.slice(1).join('-');\n\n if (first && rest ===
'h') {\n acc.flipX = true;\n return acc;\n }\n\n if (first && rest === 'v') {\n acc.flipY = true;\n
return acc;\n }\n\n rest = parseFloat(rest);\n\n if (isNaN(rest)) {\n return acc;\n }\n\n switch
(first) {\n case 'grow':\n acc.size = acc.size + rest;\n break;\n case 'shrink':\n acc.size =
acc.size - rest;\n break;\n case 'left':\n acc.x = acc.x - rest;\n break;\n case 'right':\n
acc.x = acc.x + rest;\n break;\n case 'up':\n acc.y = acc.y - rest;\n break;\n case 'down':\n
acc.y = acc.y + rest;\n break;\n case 'rotate':\n acc.rotate = acc.rotate + rest;\n break;\n
}\n\n return acc;\n }, transform);\n };\n\nvar transformParser = function (node) {\n return
parseTransformString(node.getAttribute('data-fa-transform'));\n};\n\nvar symbolParser = function (node) {\n var
symbol = node.getAttribute('data-fa-symbol');\n\n return symbol === null ? false : symbol === " ? true :
symbol;\n};\n\nvar attributesParser = function (node) {\n var extraAttributes =
toArray(node.attributes).reduce(function (acc, attr) {\n if (acc.name !== 'class' && acc.name !== 'style') {\n
acc[attr.name] = attr.value;\n }\n return acc;\n }, {});\n\n var title = node.getAttribute('title');\n\n if
(config$.autoA11y) {\n if (title) {\n extraAttributes['aria-labelledby'] = config$.replacementClass + '-title-' +
nextUniqueId();\n } else {\n extraAttributes['aria-hidden'] = 'true';\n }\n }\n\n return
extraAttributes;\n};\n\nvar maskParser = function (node) {\n var mask = node.getAttribute('data-fa-mask');\n\n if
(!mask) {\n return emptyCanonicalIcon();\n } else {\n return getCanonicalIcon(mask.split(' ').map(function (i)
{\n return i.trim();\n }));\n };\n};\n\nfunction parseMeta(node) {\n var _classParser = classParser(node),\n
iconName = _classParser.iconName,\n prefix = _classParser.prefix,\n extraClasses = _classParser.rest;\n\n
var extraStyles = styleParser(node);\n var transform = transformParser(node);\n var symbol =
symbolParser(node);\n var extraAttributes = attributesParser(node);\n var mask = maskParser(node);\n\n return {\n
iconName: iconName,\n title: node.getAttribute('title'),\n prefix: prefix,\n transform: transform,\n symbol:
symbol,\n mask: mask,\n extra: {\n classes: extraClasses,\n styles: extraStyles,\n attributes:
extraAttributes\n }\n };\n}\n\nfunction MissingIcon(error) {\n this.name = 'MissingIcon';\n this.message = error
|| 'Icon unavailable';\n this.stack = new Error().stack;\n}\n\nMissingIcon.prototype =
Object.create(Error.prototype);\nMissingIcon.prototype.constructor = MissingIcon;\n\nvar FILL = { fill:
'currentColor'};\n\nvar ANIMATION_BASE = {\n attributeType: 'XML',\n repeatCount: 'indefinite',\n dur:
'2s'\n};\n\nvar RING = {\n tag: 'path',\n attributes: _extends({}, FILL, {\n d: 'M156.5,447.7l-12.6,29.5c-18.7-9.5-
35.9-21.2-51.5-34.9l22.7-22.7c127.6,430.5,141.5,440,156.5,447.7z M40.6,272H8.5
c1.4,21.2,5.4,41.7,11.7,61.1L50,321.2C45.1,305.5,41.8,289,40.6,272z M40.6,240c1.4-18.8,5.2-37,11.1-54.1l-29.5-
12.6 C14.7,194.3,10,216.7,8.5,240H40.6z M64.3,156.5c7.8-14.9,17.2-28.8,28.1-41.5L69.7,92.3c-13.7,15.6-
25.5,32.8-34.9,51.5 L64.3,156.5z M397,419.6c-13.9,12-29.4,22.3-46.1,30.4l11.9,29.8c20.7-9.9,39.8-22.6,56.9-
37.6L397,419.6z M115,92.4 c13.9-12,29.4-22.3,46.1-30.4l-11.9-29.8c-20.7,9.9-39.8,22.6-56.8,37.6L115,92.4z
M447.7,355.5c-7.8,14.9-17.2,28.8-28.1,41.5 l22.7,22.7c13.7-15.6,25.5-32.9,34.9-51.5L447.7,355.5z M471.4,272c-
1.4,18.8-5.2,37-11.1,54.1l29.5,12.6 c7.5-21.1,12.2-43.5,13.6-66.8H471.4z M321.2,462c-15.7,5-32.2,8.2-
49.2,9.4v32.1c21.2-1.4,41.7-5.4,61.1-11.7L321.2,462z M240,471.4c-18.8-1.4-37-5.2-54.1-11.1l-
12.6,29.5c21.1,7.5,43.5,12.2,66.8,13.6V471.4z M462,190.8c5,15.7,8.2,32.2,9.4,49.2h32.1 c-1.4-21.2-5.4-41.7-11.7-
61.1L462,190.8z M92.4,397c-12-13.9-22.3-29.4-30.4-46.1l-29.8,11.9c9.9,20.7,22.6,39.8,37.6,56.9 L92.4,397z
M272,40.6c18.8,1.4,36.9,5.2,54.1,11.1l12.6-29.5C317.7,14.7,295.3,10,272,8.5V40.6z M190.8,50 c15.7-5,32.2-
8.2,49.2-9.4V8.5c-21.2,1.4-41.7,5.4-61.1,11.7L190.8,50z M442.3,92.3L419.6,115c12,13.9,22.3,29.4,30.5,46.1
l29.8-11.9C470,128.5,457.3,109.4,442.3,92.3z M397,92.4l22.7-22.7c-15.6-13.7-32.8-25.5-51.5-34.9l-12.6,29.5
C370.4,72.1,384.4,81.5,397,92.4z\n }));\n\nvar OPACITY_ANIMATE = _extends({}, ANIMATION_BASE, {\n
attributeName: 'opacity'\n});\n\nvar DOT = {\n tag: 'circle',\n attributes: _extends({}, FILL, {\n cx: '256',\n cy:
'364',\n r: '28'\n })),\n children: [{ tag: 'animate', attributes: _extends({}, ANIMATION_BASE, { attributeName:

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'r', values: '28;14;28;28;14;28;' ) } }, { tag: 'animate', attributes: _extends({ }, OPACITY_ANIMATE, { values:
'1;0;1;1;0;1;' }) }}\n};\nvar QUESTION = {\n tag: 'path',\n attributes: _extends({ }, FILL, {\n opacity: '1',\n d:
'M263.7,312h-16c-6.6,0-12-5.4-12-12c0-71,77.4-63.9,77.4-107.8c0-20-17.8-40.2-57.4-40.2c-29.1,0-44.3,9.6-
59.2,28.7 c-3.9,5-11.1,6-16.2,2.4l-13.1-9.2c-5.6-3.9-6.9-11.8-2.6-17.2c21.2-27.2,46.4-44.7,91.2-
44.7c52.3,0,97.4,29.8,97.4,80.2 c0,67.6-77.4,63.5-77.4,107.8C275.7,306.6,270.3,312,263.7,312z\n } ),\n children:
[{\n tag: 'animate', attributes: _extends({ }, OPACITY_ANIMATE, { values: '1;0;0;0;1;' }) }}\n];\nvar
EXCLAMATION = {\n tag: 'path',\n attributes: _extends({ }, FILL, {\n opacity: '0',\n d:
'M232.5,134.5l7,168c0.3,6.4,5.6,11.5,12,11.5h9c6.4,0,11.7-5.1,12-11.5l7-168c0.3-6.8-5.2-12.5-12-12.5h-23
C237.7,122,232.2,127.7,232.5,134.5z\n } ),\n children: [{\n tag: 'animate', attributes: _extends({ },
OPACITY_ANIMATE, { values: '0;0;1;1;0;0;' }) }}\n];\n\nvar missing = {\n tag: 'g', children: [RING, DOT,
QUESTION, EXCLAMATION] };\n\nvar styles = namespace.styles;\n\nvar LAYERS_TEXT_CLASSNAME = 'fa-
layers-text';\n\nvar FONT_FAMILY_PATTERN = /Font Awesome 5 (Solid|Regular|Light|Brands)/;\n\nvar
STYLE_TO_PREFIX = {\n 'Solid': 'fas',\n 'Regular': 'far',\n 'Light': 'fal',\n 'Brands': 'fab'\n};\n\nfunction
findIcon(iconName, prefix) {\n var val = {\n found: false,\n width: 512,\n height: 512,\n icon: missing\n
};\n\n if (iconName && prefix && styles[prefix] && styles[prefix][iconName]) {\n var icon =
styles[prefix][iconName];\n var width = icon[0];\n var height = icon[1];\n var vectorData = icon.slice(4);\n\n
val = {\n found: true,\n width: width,\n height: height,\n icon: {\n tag: 'path', attributes: {\n fill:
'currentColor', d: vectorData[0] } }\n }; }\n } else if (iconName && prefix && !config$.showMissingIcons) {\n
throw new MissingIcon('Icon is missing for prefix ' + prefix + ' with icon name ' + iconName);\n }\n\n return
val;\n}\n\nfunction generateSvgReplacementMutation(node, nodeMeta) {\n var iconName =
nodeMeta.iconName,\n title = nodeMeta.title,\n prefix = nodeMeta.prefix,\n transform =
nodeMeta.transform,\n symbol = nodeMeta.symbol,\n mask = nodeMeta.mask,\n extra =
nodeMeta.extra;\n\n\n return [node, makeInlineSvgAbstract({\n icons: {\n main: findIcon(iconName,
prefix),\n mask: findIcon(mask.iconName, mask.prefix)\n },\n prefix: prefix,\n iconName: iconName,\n
transform: transform,\n symbol: symbol,\n mask: mask,\n title: title,\n extra: extra,\n watchable: true\n
})];\n}\n\nfunction generateLayersText(node, nodeMeta) {\n var title = nodeMeta.title,\n transform =
nodeMeta.transform,\n extra = nodeMeta.extra;\n\n\n var width = null;\n var height = null;\n\n if (IS_IE) {\n
var computedFontSize = parseInt(getComputedStyle(node).fontSize, 10);\n var boundingClientRect =
node.getBoundingClientRect();\n width = boundingClientRect.width / computedFontSize;\n height =
boundingClientRect.height / computedFontSize;\n }\n\n if (config$.autoAlign && !title) {\n
extra.attributes['aria-hidden'] = 'true';\n }\n\n return [node, makeLayersTextAbstract({\n content:
node.innerHTML,\n width: width,\n height: height,\n transform: transform,\n title: title,\n extra: extra,\n
watchable: true\n })];\n}\n\nfunction generateMutation(node) {\n var nodeMeta = parseMeta(node);\n\n if
(~nodeMeta.extra.classes.indexOf(LAYERS_TEXT_CLASSNAME)) {\n return generateLayersText(node,
nodeMeta);\n } else {\n return generateSvgReplacementMutation(node, nodeMeta);\n }\n}\n\nfunction
remove(node) {\n if (typeof node.remove === 'function') {\n node.remove();\n } else if (node &&
node.parentNode) {\n node.parentNode.removeChild(node);\n }\n}\n\nfunction searchPseudoElements(root) {\n
if (!IS_DOM) return;\n\n var end = perf.begin('searchPseudoElements');\n\n disableObservation(function () {\n
toArray(root.querySelectorAll('*')).forEach(function (node) {\n\n ['before', 'after'].forEach(function (pos) {\n
var styles = WINDOW.getComputedStyle(node, pos);\n var fontFamily = styles.getPropertyValue('font-
family').match(FONT_FAMILY_PATTERN);\n var children = toArray(node.children);\n var
pseudoElement = children.filter(function (c) {\n return c.getAttribute(DATA_FA_PSEUDO_ELEMENT) ===
pos;\n })[0];\n\n if (pseudoElement) {\n if (pseudoElement.nextSibling &&
pseudoElement.nextSibling.textContent.indexOf(DATA_FA_PSEUDO_ELEMENT) > -1) {\n
remove(pseudoElement.nextSibling);\n }\n remove(pseudoElement);\n pseudoElement = null;\n
}\n\n if (fontFamily && !pseudoElement) {\n var content = styles.getPropertyValue('content');\n var
i = DOCUMENT.createElement('i');\n i.setAttribute('class', " + STYLE_TO_PREFIX[fontFamily[1]]);\n
i.setAttribute(DATA_FA_PSEUDO_ELEMENT, pos);\n i.innerText = content.length === 3 ?

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content.substr(1, 1) : content;\n      if (pos === 'before') {\n        node.insertBefore(i, node.firstChild);\n      }\n    else {\n      node.appendChild(i);\n    }\n  }\n};\n\nend();\n\nfunction onTree(root)\n{\n  var callback = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : null;\n  if (!IS_DOM)\n    return;\n  var htmlClassList = DOCUMENT.documentElement.classList;\n  var hclAdd = function hclAdd(suffix)\n  {\n    return htmlClassList.add(HTML_CLASS_I2SVG_BASE_CLASS + '-' + suffix);\n  };\n  var hclRemove =\n  function hclRemove(suffix) {\n    return htmlClassList.remove(HTML_CLASS_I2SVG_BASE_CLASS + '-' +\n    suffix);\n  };\n  var prefixes = Object.keys(styles);\n  var prefixesDomQuery = ['.' +\n  LAYERS_TEXT_CLASSNAME + ':not([' + DATA_FA_I2SVG + '])'].concat(prefixes.map(function (p) {\n  return '.' + p + ':not([' + DATA_FA_I2SVG + '])';\n  })).join(',');\n  if (prefixesDomQuery.length === 0) {\n    return;\n  }\n  var candidates = toArray(root.querySelectorAll(prefixesDomQuery));\n  if (candidates.length > 0)\n  {\n    hclAdd('pending');\n    hclRemove('complete');\n  } else {\n    return;\n  }\n  var mark =\n  perf.begin('onTree');\n  var mutations = candidates.reduce(function (acc, node) {\n    try {\n      var mutation =\n      generateMutation(node);\n      if (mutation) {\n        acc.push(mutation);\n      }\n    } catch (e) {\n      if\n      (!PRODUCTION) {\n        if (e instanceof MissingIcon) {\n          console.error(e);\n        }\n      }\n    }\n    return\n    acc;\n  }, []);\n  mark();\n  perform(mutations, function () {\n    hclAdd('active');\n    hclAdd('complete');\n    hclRemove('pending');\n    if (typeof callback === 'function') callback();\n  });\n  function onNode(node) {\n    var callback = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : null;\n    var mutation =\n    generateMutation(node);\n    if (mutation) {\n      perform([mutation], callback);\n    }\n  }\n  var baseStyles =\n  \"svg:not(:root).svg-inline--fa {\\n  overflow: visible; }\\n\\n.svg-inline--fa {\\n  display: inline-block;\\n  font-size:\\n  inherit;\\n  height: 1em;\\n  overflow: visible;\\n  vertical-align: -.125em; }\\n  .svg-inline--fa.fa-lg {\\n  vertical-\\n  align: -.225em; }\\n  .svg-inline--fa.fa-w-1 {\\n  width: 0.0625em; }\\n  .svg-inline--fa.fa-w-2 {\\n  width:\\n  0.125em; }\\n  .svg-inline--fa.fa-w-3 {\\n  width: 0.1875em; }\\n  .svg-inline--fa.fa-w-4 {\\n  width: 0.25em; }\\n  .\\n  .svg-inline--fa.fa-w-5 {\\n  width: 0.3125em; }\\n  .svg-inline--fa.fa-w-6 {\\n  width: 0.375em; }\\n  .svg-inline--\\n  fa.fa-w-7 {\\n  width: 0.4375em; }\\n  .svg-inline--fa.fa-w-8 {\\n  width: 0.5em; }\\n  .svg-inline--fa.fa-w-9 {\\n  width: 0.5625em; }\\n  .svg-inline--fa.fa-w-10 {\\n  width: 0.625em; }\\n  .svg-inline--fa.fa-w-11 {\\n  width:\\n  0.6875em; }\\n  .svg-inline--fa.fa-w-12 {\\n  width: 0.75em; }\\n  .svg-inline--fa.fa-w-13 {\\n  width: 0.8125em; }\\n  .\\n  .svg-inline--fa.fa-w-14 {\\n  width: 0.875em; }\\n  .svg-inline--fa.fa-w-15 {\\n  width: 0.9375em; }\\n  .svg-\\n  inline--fa.fa-w-16 {\\n  width: 1em; }\\n  .svg-inline--fa.fa-w-17 {\\n  width: 1.0625em; }\\n  .svg-inline--fa.fa-w-\\n  18 {\\n  width: 1.125em; }\\n  .svg-inline--fa.fa-w-19 {\\n  width: 1.1875em; }\\n  .svg-inline--fa.fa-w-20 {\\n  width:\\n  1.25em; }\\n  .svg-inline--fa.fa-pull-left {\\n  margin-right: .3em;\\n  width: auto; }\\n  .svg-inline--fa.fa-\\n  pull-right {\\n  margin-left: .3em;\\n  width: auto; }\\n  .svg-inline--fa.fa-border {\\n  height: 1.5em; }\\n  .svg-\\n  inline--fa.fa-li {\\n  width: 2em; }\\n  .svg-inline--fa.fa-fw {\\n  width: 1.25em; }\\n\\n.fa-layers svg.svg-inline--fa\\n  {\\n  bottom: 0;\\n  left: 0;\\n  margin: auto;\\n  position: absolute;\\n  right: 0;\\n  top: 0; }\\n\\n.fa-layers {\\n  display: inline-block;\\n  height: 1em;\\n  position: relative;\\n  text-align: center;\\n  vertical-align: -.125em;\\n  width: 1em; }\\n  .fa-layers svg.svg-inline--fa {\\n  -webkit-transform-origin: center center;\\n  transform-\\n  origin: center center; }\\n\\n.fa-layers-text, .fa-layers-counter {\\n  display: inline-block;\\n  position: absolute;\\n  text-align: center; }\\n\\n.fa-layers-text {\\n  left: 50%;\\n  top: 50%;\\n  -webkit-transform: translate(-50%, -\\n  50%);\\n  transform: translate(-50%, -50%);\\n  -webkit-transform-origin: center center;\\n  transform-\\n  origin: center center; }\\n\\n.fa-layers-counter {\\n  background-color: #ff253a;\\n  border-radius: 1em;\\n  -webkit-\\n  box-sizing: border-box;\\n  box-sizing: border-box;\\n  color: #fff;\\n  height: 1.5em;\\n  line-height: 1;\\n  max-\\n  width: 5em;\\n  min-width: 1.5em;\\n  overflow: hidden;\\n  padding: .25em;\\n  right: 0;\\n  text-overflow:\\n  ellipsis;\\n  top: 0;\\n  -webkit-transform: scale(0.25);\\n  transform: scale(0.25);\\n  -webkit-transform-origin:\\n  top right;\\n  transform-origin: top right; }\\n\\n.fa-layers-bottom-right {\\n  bottom: 0;\\n  right: 0;\\n  top:\\n  auto;\\n  -webkit-transform: scale(0.25);\\n  transform: scale(0.25);\\n  -webkit-transform-origin: bottom\\n  right;\\n  transform-origin: bottom right; }\\n\\n.fa-layers-bottom-left {\\n  bottom: 0;\\n  left: 0;\\n  right:\\n  auto;\\n  top: auto;\\n  -webkit-transform: scale(0.25);\\n  transform: scale(0.25);\\n  -webkit-transform-origin:\\n  bottom left;\\n  transform-origin: bottom left; }\\n\\n.fa-layers-top-right {\\n  right: 0;\\n  top: 0;\\n  -webkit-\\n  transform: scale(0.25);\\n  transform: scale(0.25);\\n  -webkit-transform-origin: top right;\\n  transform-

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origin: top right; }\\n\\n.fa-layers-top-left {\\n left: 0;\\n right: auto;\\n top: 0;\\n -webkit-transform: scale(0.25);\\n
transform: scale(0.25);\\n -webkit-transform-origin: top left;\\n transform-origin: top left; }\\n\\n.fa-lg
{\\n font-size: 1.33333em;\\n line-height: 0.75em;\\n vertical-align: -.0667em; }\\n\\n.fa-xs {\\n font-size: .75em;
} \\n\\n.fa-sm {\\n font-size: .875em; } \\n\\n.fa-1x {\\n font-size: 1em; } \\n\\n.fa-2x {\\n font-size: 2em; } \\n\\n.fa-
3x {\\n font-size: 3em; } \\n\\n.fa-4x {\\n font-size: 4em; } \\n\\n.fa-5x {\\n font-size: 5em; } \\n\\n.fa-6x {\\n font-
size: 6em; } \\n\\n.fa-7x {\\n font-size: 7em; } \\n\\n.fa-8x {\\n font-size: 8em; } \\n\\n.fa-9x {\\n font-size: 9em;
} \\n\\n.fa-10x {\\n font-size: 10em; } \\n\\n.fa-fw {\\n text-align: center;\\n width: 1.25em; } \\n\\n.fa-ul {\\n list-
style-type: none;\\n margin-left: 2.5em;\\n padding-left: 0; } \\n .fa-ul > li {\\n position: relative; } \\n\\n.fa-li {\\n
left: -2em;\\n position: absolute;\\n text-align: center;\\n width: 2em;\\n line-height: inherit; } \\n\\n.fa-border {\\n
border: solid 0.08em #eee;\\n border-radius: .1em;\\n padding: .2em .25em .15em; } \\n\\n.fa-pull-left {\\n float:
left; } \\n\\n.fa-pull-right {\\n float: right; } \\n\\n.fa.fa-pull-left, \\n.fas.fa-pull-left, \\n.far.fa-pull-left, \\n.fal.fa-pull-
left, \\n.fab.fa-pull-left {\\n margin-right: .3em; } \\n\\n.fa.fa-pull-right, \\n.fas.fa-pull-right, \\n.far.fa-pull-
right, \\n.fal.fa-pull-right, \\n.fab.fa-pull-right {\\n margin-left: .3em; } \\n\\n.fa-spin {\\n -webkit-animation: fa-spin
2s infinite linear;\\n animation: fa-spin 2s infinite linear; } \\n\\n.fa-pulse {\\n -webkit-animation: fa-spin 1s
infinite steps(8);\\n animation: fa-spin 1s infinite steps(8); } \\n\\n@-webkit-keyframes fa-spin {\\n 0% {\\n -
webkit-transform: rotate(0deg);\\n transform: rotate(0deg); } \\n 100% {\\n -webkit-transform:
rotate(360deg);\\n transform: rotate(360deg); } } \\n\\n@keyframes fa-spin {\\n 0% {\\n -webkit-transform:
rotate(0deg);\\n transform: rotate(0deg); } \\n 100% {\\n -webkit-transform: rotate(360deg);\\n
transform: rotate(360deg); } } \\n\\n.fa-rotate-90 {\\n -ms-filter:
\\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=1)\\\\";\\n -webkit-transform: rotate(90deg);\\n
transform: rotate(90deg); } \\n\\n.fa-rotate-180 {\\n -ms-filter:
\\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2)\\\\";\\n -webkit-transform: rotate(180deg);\\n
transform: rotate(180deg); } \\n\\n.fa-rotate-270 {\\n -ms-filter:
\\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=3)\\\\";\\n -webkit-transform: rotate(270deg);\\n
transform: rotate(270deg); } \\n\\n.fa-flip-horizontal {\\n -ms-filter:
\\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=0, mirror=1)\\\\";\\n -webkit-transform: scale(-1,
1);\\n transform: scale(-1, 1); } \\n\\n.fa-flip-vertical {\\n -ms-filter:
\\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)\\\\";\\n -webkit-transform: scale(1, -
1);\\n transform: scale(1, -1); } \\n\\n.fa-flip-horizontal.fa-flip-vertical {\\n -ms-filter:
\\\\"progid:DXImageTransform.Microsoft.BasicImage(rotation=2, mirror=1)\\\\";\\n -webkit-transform: scale(-1, -
1);\\n transform: scale(-1, -1); } \\n\\n.root .fa-rotate-90, \\n.root .fa-rotate-180, \\n.root .fa-rotate-270, \\n.root .fa-
flip-horizontal, \\n.root .fa-flip-vertical {\\n -webkit-filter: none;\\n filter: none; } \\n\\n.fa-stack {\\n display:
inline-block;\\n height: 2em;\\n position: relative;\\n width: 2em; } \\n\\n.fa-stack-1x, \\n.fa-stack-2x {\\n bottom:
0;\\n left: 0;\\n margin: auto;\\n position: absolute;\\n right: 0;\\n top: 0; } \\n\\n.svg-inline--fa.fa-stack-1x {\\n
height: 1em;\\n width: 1em; } \\n\\n.svg-inline--fa.fa-stack-2x {\\n height: 2em;\\n width: 2em; } \\n\\n.fa-inverse
{\\n color: #fff; } \\n\\n.sr-only {\\n border: 0;\\n clip: rect(0, 0, 0, 0);\\n height: 1px;\\n margin: -1px;\\n
overflow: hidden;\\n padding: 0;\\n position: absolute;\\n width: 1px; } \\n\\n.sr-only-focusable:active, .sr-only-
focusable:focus {\\n clip: auto;\\n height: auto;\\n margin: 0;\\n overflow: visible;\\n position: static;\\n width:
auto; } \\n\\n";\\n\\nvar css = function () {\\n var dfp = DEFAULT_FAMILY_PREFIX;\\n var drc =
DEFAULT_REPLACEMENT_CLASS;\\n var fp = config$1.familyPrefix;\\n var rc = config$1.replacementClass;\\n
var s = baseStyles;\\n\\n if (fp !== dfp || rc !== drc) {\\n var dPatt = new RegExp("\\\\\\" + dfp + '\\\\\\"-', 'g');\\n var
rPatt = new RegExp("\\\\\\" + drc + '\\\\\\"g');\\n s = s.replace(dPatt, '.' + fp + '-').replace(rPatt, '.' + rc);\\n } \\n\\n return
s;\\n};\\n\\nfunction define(prefix, icons) {\\n var normalized = Object.keys(icons).reduce(function (acc, iconName)
{\\n var icon = icons[iconName];\\n var expanded = !!icon.icon;\\n\\n if (expanded) {\\n acc[icon.iconName] =
icon.icon;\\n } else {\\n acc[iconName] = icon;\\n } \\n return acc;\\n }, {});\\n\\n if (typeof
namespace.hooks.addPack === 'function') {\\n namespace.hooks.addPack(prefix, normalized);\\n } else {\\n
namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, normalized);\\n } \\n\\n /**\\n * Font
Awesome 4 used the prefix of `fa` for all icons. With the introduction\\n * of new styles we needed to differentiate

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between them. Prefix `fa` is now an alias \* for `fas` so we'll ease the upgrade process for our users by automatically defining \* this as well. \*^ if (prefix === 'fas') { define('fa', icons); } } Library = function () { function Library() { classCallCheck(this, Library); this.definitions = {}; } createClass(Library, [{ key: 'add', value: function add() { var \_this = this; for (var \_len = arguments.length, definitions = Array(\_len), \_key = 0; \_key < \_len; \_key++) { definitions[\_key] = arguments[\_key]; } var additions = definitions.reduce(this.\_pullDefinitions, {}); Object.keys(additions).forEach(function (key) { \_this.definitions[key] = \_extends({}, \_this.definitions[key] || {}, additions[key]); define(key, additions[key]); }); }, { key: 'reset', value: function reset() { this.definitions = {}; }, { key: '\_pullDefinitions', value: function \_pullDefinitions(additions, definition) { var normalized = definition.prefix && definition.iconName && definition.icon ? { 0: definition } : definition; Object.keys(normalized).map(function (key) { var \_normalized\$key = normalized[key], prefix = \_normalized\$key.prefix, iconName = \_normalized\$key.iconName, icon = \_normalized\$key.icon; if (!additions[prefix]) additions[prefix] = {}; additions[prefix][iconName] = icon; }); return additions; } }]); return Library; }(); function prepIcon(icon) { var width = icon[0]; var height = icon[1]; var vectorData = icon.slice(4); return { found: true, width: width, height: height, icon: { tag: 'path', attributes: { fill: 'currentColor', d: vectorData[0] } } }; } var \_cssInserted = false; function ensureCss() { if (!config\$1.autoAddCss) { return; } if (!\_cssInserted) { insertCss(css()); } \_cssInserted = true; } function apiObject(val, abstractCreator) { Object.defineProperty(val, 'abstract', { get: abstractCreator }); Object.defineProperty(val, 'html', { get: function get() { return val.abstract.map(function (a) { return toHtml(a); }); } }); Object.defineProperty(val, 'node', { get: function get() { if (!IS\_DOM) return; var container = DOCUMENT.createElement('div'); container.innerHTML = val.html; return container.children; } }); return val; } function findIconDefinition(params) { var \_params\$prefix = params.prefix, prefix = \_params\$prefix === undefined ? 'fa' : \_params\$prefix, iconName = params.iconName; if (!iconName) return iconFromMapping(library.definitions, prefix, iconName) || iconFromMapping(namespace.styles, prefix, iconName); } function resolveIcons(next) { return function (maybeIconDefinition) { var params = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {}; var iconDefinition = (maybeIconDefinition || {}).icon ? maybeIconDefinition : findIconDefinition(maybeIconDefinition || {}); var mask = params.mask; if (mask) { mask = (mask || {}).icon ? mask : findIconDefinition(mask || {}); } return next(iconDefinition, \_extends({}, params, { mask: mask })); }; } var library = new Library(); var noAuto = function noAuto() { auto(false); disconnect(); }; var dom = { i2svg: function i2svg() { var params = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {}; if (IS\_DOM) { ensureCss(); var \_params\$node = params.node, node = \_params\$node === undefined ? DOCUMENT : \_params\$node, \_params\$callback = params.callback, callback = \_params\$callback === undefined ? function () {} : \_params\$callback; if (config\$1.searchPseudoElements) { searchPseudoElements(node); } onTree(node, callback); }, css: css, insertCss: function insertCss\$\$1() { insertCss(css()); } }; var parse = { transform: function transform(transformString) { return parseTransformString(transformString); } }; var icon = resolveIcons(function (iconDefinition) { var params = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {}; var \_params\$transform = params.transform, transform = \_params\$transform === undefined ? meaninglessTransform : \_params\$transform, \_params\$symbol = params.symbol, symbol = \_params\$symbol === undefined ? false : \_params\$symbol, \_params\$mask = params.mask, mask = \_params\$mask === undefined ? null : \_params\$mask, \_params\$title = params.title, title = \_params\$title === undefined ? null : \_params\$title, \_params\$classes = params.classes, classes = \_params\$classes === undefined ? [] : \_params\$classes, \_params\$attributes = params.attributes, attributes = \_params\$attributes === undefined ? {} : \_params\$attributes, \_params\$styles = params.styles, styles = \_params\$styles === undefined ? {} : \_params\$styles; if (!iconDefinition) return; var prefix = iconDefinition.prefix, };



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iconName = iconDefinition.iconName,\n    icon = iconDefinition.icon;\n\n\n    return apiObject(_extends({ type:
'icon' }, iconDefinition), function () {\n    ensureCss();\n\n    if (config$.autoA11y) {\n    if (title) {\n
attributes['aria-labelledby'] = config$.replacementClass + '-title-' + nextUniqueId();\n    } else {\n
attributes['aria-hidden'] = 'true';\n    }\n    }\n\n    return makeInlineSvgAbstract({\n    icons: {\n    main:
prepIcon(icon),\n    mask: mask ? prepIcon(mask.icon) : { found: false, width: null, height: null, icon: {} }\n
},\n    prefix: prefix,\n    iconName: iconName,\n    transform: _extends({}, meaninglessTransform, transform),\n
symbol: symbol,\n    title: title,\n    extra: {\n    attributes: attributes,\n    styles: styles,\n    classes:
classes\n    }\n    });\n\n\n    nvar text = function text(content) {\n    var params = arguments.length > 1 &&
arguments[1] !== undefined ? arguments[1] : {};\n    var _params$transform2 = params.transform,\n    transform =
_params$transform2 === undefined ? meaninglessTransform : _params$transform2,\n    _params$title2 =
params.title,\n    title = _params$title2 === undefined ? null : _params$title2,\n    _params$classes2 =
params.classes,\n    classes = _params$classes2 === undefined ? [] : _params$classes2,\n    _params$attributes2 =
params.attributes,\n    attributes = _params$attributes2 === undefined ? {} : _params$attributes2,\n
_params$styles2 = params.styles,\n    styles = _params$styles2 === undefined ? {} : _params$styles2;\n\n\n    return
apiObject({ type: 'text', content: content }, function () {\n    ensureCss();\n\n    return makeLayersTextAbstract({\n
content: content,\n    transform: _extends({}, meaninglessTransform, transform),\n    title: title,\n    extra: {\n
attributes: attributes,\n    styles: styles,\n    classes: [config$.familyPrefix + '-layers-
text'].concat(toConsumableArray(classes))\n    }\n    });\n\n\n    nvar layer = function layer(Assembler) {\n
return apiObject({ type: 'layer' }, function () {\n    ensureCss();\n\n    var children = [];\n\n    Assembler(function
(args) {\n    Array.isArray(args) ? args.map(function (a) {\n    children = children.concat(a.abstract);\n    }) :
children = children.concat(args.abstract);\n    });\n\n    return [{\n    tag: 'span',\n    attributes: { class:
config$.familyPrefix + '-layers' },\n    children: children\n    }];\n\n\n    nvar api$1 = {\n    noAuto: noAuto,\n
dom: dom,\n    library: library,\n    parse: parse,\n    findIconDefinition: findIconDefinition,\n    icon: icon,\n
text: text,\n    layer: layer\n};\n\n\n    nvar autoReplace = function autoReplace() {\n    if (IS_DOM && config$.autoReplaceSvg)
api$1.dom.i2svg({ node: DOCUMENT });\n};\n\n\n    function bootstrap() {\n    if (IS_BROWSER) {\n    if
(!WINDOW.FontAwesome) {\n    WINDOW.FontAwesome = api$1;\n    }\n\n    domready(function () {\n    if
(Object.keys(namespace.styles).length > 0) {\n    autoReplace();\n    }\n\n    if (config$.observeMutations &&
typeof MutationObserver === 'function') {\n    observe({\n    treeCallback: onTree,\n    nodeCallback:
onNode,\n    pseudoElementsCallback: searchPseudoElements\n    });\n    }\n    }\n\n\n    namespace.hooks = _extends({}, namespace.hooks, {\n\n    addPack: function addPack(prefix, icons) {\n
namespace.styles[prefix] = _extends({}, namespace.styles[prefix] || {}, icons);\n\n    build();\n    autoReplace();\n
},\n\n    addShims: function addShims(shims) {\n    var _namespace$shims;\n    (_namespace$shims =
namespace.shims).push.apply(_namespace$shims, toConsumableArray(shims));\n\n    build();\n\n    autoReplace();\n    }\n    });\n\n\n    Object.defineProperty(api$1, 'config', {\n    get: function get() {\n    return
config$1;\n    },\n\n    set: function set(newConfig) {\n    update(newConfig);\n    }\n    });\n\n\n    if (IS_DOM)
bunker(bootstrap);\n\n\n    nvar config = api$1.config;\n\n\n    nexport { config, icon, noAuto, layer, text, library, dom, parse,
findIconDefinition };
nexport default api$1;\n\n\n    , "var isObject = require('./_is-object');\n\n    module.exports = function
(it) {\n    if (!isObject(it)) throw TypeError(it + ' is not an object!');\n    return it;\n};\n\n\n    , "/*\n * This method returns
the first argument it receives.\n * \n * @static\n * @since 0.1.0\n * @memberOf _\n * @category Util\n * @param
{*} value Any value.\n * @returns {*} Returns `value`.\n * @example\n * \n * var object = { 'a': 1 };
\n * \n * console.log(_.identity(object) === object);\n * \n * // => true\n * \n\n    function identity(value) {\n    return
value;\n};\n\n\n    module.exports = identity;\n\n\n    , "var has = require('./_has');\n\n    nvar toObject = require('./_to-iobject');\n\n    nvar
arrayIndexOf = require('./_array-includes')(false);\n\n    nvar IE_PROTO = require('./_shared-
key')(IE_PROTO);\n\n    module.exports = function (object, names) {\n    var O = toObject(object);\n    var i = 0;\n    var
result = [];\n    var key;\n    for (key in O) if (key != IE_PROTO) has(O, key) && result.push(key);\n    // Don't enum
bug & hidden keys\n    while (names.length > i) if (has(O, key = names[i++])) {\n    ~arrayIndexOf(result, key) ||
result.push(key);\n    }\n    return result;\n};\n\n\n    , "var Symbol = require('./_Symbol'),\n    arrayMap =
require('./_arrayMap'),\n    isArray = require('./isArray'),\n    isSymbol = require('./isSymbol');\n\n\n    /** Used as

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references for various `Number` constants. */nvar INFINITY = 1 / 0;\n\n/** Used to convert symbols to primitives
and strings. */nvar symbolProto = Symbol ? Symbol.prototype : undefined,\n  symbolToString = symbolProto ?
symbolProto.toString : undefined;\n\n/**\n * The base implementation of `_.toString` which doesn't convert
nullish\n * values to empty strings.\n * @private\n * @param {*} value The value to process.\n * @returns
{string} Returns the string.\n */nfunction baseToString(value) {\n // Exit early for strings to avoid a performance
hit in some environments.\n if (typeof value == 'string') {\n return value;\n }\n if (isArray(value)) {\n //
Recursively convert values (susceptible to call stack limits).\n return arrayMap(value, baseToString) + ";\n }\n if
(isSymbol(value)) {\n return symbolToString ? symbolToString.call(value) : ";\n }\n var result = (value + ");\n
return (result == '0' && (1 / value) == -INFINITY) ? '-0' : result;\n}\n\nmodule.exports = baseToString;\n", "var
ListCache = require('./_ListCache'),\n  Map = require('./_Map'),\n  MapCache = require('./_MapCache');\n\n/**
Used as the size to enable large array optimizations. */nvar LARGE_ARRAY_SIZE = 200;\n\n/**\n * Sets the
stack `key` to `value`.\n * @private\n * @name set\n * @memberOf Stack\n * @param {string} key The key of
the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the stack cache instance.\n
*/nfunction stackSet(key, value) {\n var data = this.__data__;\n if (data instanceof ListCache) {\n var pairs =
data.__data__;\n if (!Map || (pairs.length < LARGE_ARRAY_SIZE - 1)) {\n pairs.push([key, value]);\n
this.size = ++data.size;\n return this;\n }\n data = this.__data__ = new MapCache(pairs);\n }\n data.set(key,
value);\n this.size = data.size;\n return this;\n}\n\nmodule.exports = stackSet;\n", "use
strict";\nObject.defineProperty(exports, '__esModule', { value: true });\nvar prefix = 'fas';\nvar iconName =
'envelope';\nvar width = 512;\nvar height = 512;\nvar ligatures = [];\nvar unicode = 'f0e0';\nvar svgPathData =
'M502.3 190.8c3.9-3.1 9.7-2 9.7 4.7V400c0 26.5-21.5 48-48 48H48c-26.5 0-48-21.5-48-48V195.6c0-5 5.7-7.8 9.7-
4.7 22.4 17.4 52.1 39.5 154.1 113.6 21.1 15.4 56.7 47.8 92.2 47.6 35.7 3 72-32.8 92.3-47.6 102-74.1 131.6-96.3
154-113.7zM256 320c23.2 4 56.6-29.2 73.4-41.4 132.7-96.3 142.8-104.7 173.4-128.7 5.8-4.5 9.2-11.5 9.2-18.9v-
19c0-26.5-21.5-48-48-48H48C21.5 64 0 85.5 0 112v19c0 7.4 3.4 14.3 9.2 18.9 30.6 23.9 40.7 32.4 173.4 128.7 16.8
12.2 50.2 41.8 73.4 41.4z';\n\nexports.definition = {\n prefix: prefix,\n iconName: iconName,\n icon: [\n
width,\n height,\n ligatures,\n unicode,\n svgPathData\n ]};\n\nexports.faEnvelope =
exports.definition;\n\nexports.prefix = prefix;\n\nexports.iconName = iconName;\n\nexports.width =
width;\n\nexports.height = height;\n\nexports.ligatures = ligatures;\n\nexports.unicode = unicode;\n\nexports.svgPathData =
svgPathData;"}\n\n/**\n * This method returns a new empty array.\n * @static\n * @memberOf _\n * @since
4.13.0\n * @category Util\n * @returns {Array} Returns the new empty array.\n * @example\n *\n * var arrays =
_.times(2, _.stubArray);\n *\n * console.log(arrays);\n * // => [[], []]\n *\n * console.log(arrays[0] === arrays[1]);\n
* // => false\n */nfunction stubArray() {\n return [];\n}\n\nmodule.exports = stubArray;\n", "var baseIsArguments =
require('./_baseIsArguments'),\n  isObjectLike = require('./isObjectLike');\n\n/** Used for built-in method
references. */nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties. */nvar
hasOwnProperty = objectProto.hasOwnProperty;\n\n/** Built-in value references. */nvar propertyIsEnumerable =
objectProto.propertyIsEnumerable;\n\n/**\n * Checks if `value` is likely an `arguments` object.\n * @static\n *
@memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns
{boolean} Returns `true` if `value` is an `arguments` object, `else` false.\n * @example\n *\n *
_.isArguments(function() { return arguments; }());\n * // => true\n *\n * _.isArguments([1, 2, 3]);\n * // => false\n
*/nvar isArguments = baseIsArguments(function() { return arguments; }) ? baseIsArguments : function(value) {\n
return isObjectLike(value) && hasOwnProperty.call(value, 'callee') && !propertyIsEnumerable.call(value,
'callee');\n};\n\nmodule.exports = isArguments;\n", "module.exports = function (it) {\n return typeof it === 'object' ?
it !== null : typeof it === 'function';\n};\n"}\n\n/**\n * The base implementation of `_.sortBy` which uses `comparer`
to define the\n * sort order of `array` and replaces criteria objects with their corresponding\n * values.\n * @private\n
* @param {Array} array The array to sort.\n * @param {Function} comparer The function to define sort
order.\n * @returns {Array} Returns `array`.\n */nfunction baseSortBy(array, comparer) {\n var length =
array.length;\n\n array.sort(comparer);\n while (length--) {\n array[length] = array[length].value;\n }\n
return array;\n}\n\nmodule.exports = baseSortBy;\n", "export default function _classCallCheck(instance, Constructor) {\n
if (!(instance instanceof Constructor)) {\n throw new TypeError("Cannot call a class as a function");\n}\n"}

```

```

}\n","module.exports = function (done, value) {\n return { value: value, done: !!done };}\n};\n","var MapCache =
require('./_MapCache'),\n setCacheAdd = require('./_setCacheAdd'),\n setCacheHas =
require('./_setCacheHas');\n\n/**\n * Creates an array cache object to store unique values.\n * @private\n * @constructor\n * @param {Array} [values] The values to cache.\n */\nfunction SetCache(values) {\n var index = -
1,\n length = values == null ? 0 : values.length;\n\n this.__data__ = new MapCache;\n while (++index < length)
{\n this.add(values[index]);\n }\n}\n\n// Add methods to `SetCache`.\nSetCache.prototype.add =
SetCache.prototype.push = setCacheAdd;\nSetCache.prototype.has = setCacheHas;\n\nmodule.exports =
SetCache;\n","module.exports = function (it) {\n if (typeof it != 'function') throw TypeError(it + ' is not a
function!');\n return it;\n};\n","var root = require('./_root');\n\n/** Used to detect overreaching core-js shims. */\nvar
coreJsData = root['__core-js_shared__'];\n\nmodule.exports = coreJsData;\n","/**\n * Checks if `value` is in the
array cache.\n * @private\n * @name has\n * @memberOf SetCache\n * @param {*} value The value to search
for.\n * @returns {boolean} Returns `true` if `value` is found, else `false`.\n */\nfunction setCacheHas(value) {\n
return this.__data__.has(value);\n}\n\nmodule.exports = setCacheHas;\n","/** Used for built-in method references.
*/\nvar funcProto = Function.prototype;\n\n/** Used to resolve the decompiled source of functions. */\nvar
funcToString = funcProto.toString;\n\n/**\n * Converts `func` to its source code.\n * @private\n * @param
{Function} func The function to convert.\n * @returns {string} Returns the source code.\n */\nfunction
toSource(func) {\n if (func != null) {\n try {\n return funcToString.call(func);\n } catch (e) {\n try {\n
return (func + '');\n } catch (e) {\n }\n }\n return '';\n}\n\nmodule.exports = toSource;\n","var redefine =
require('./_redefine');\n\nmodule.exports = function (target, src, safe) {\n for (var key in src) redefine(target, key,
src[key], safe);\n return target;\n};\n","var arrayMap = require('./_arrayMap'),\n baseIteratee =
require('./_baseIteratee'),\n baseMap = require('./_baseMap'),\n isArray = require('./isArray');\n\n/**\n * Creates
an array of values by running each element in `collection` thru `iteratee`. The iteratee is invoked with three
arguments:\n * (value, index|key, collection).\n * Many lodash methods are guarded to work as iteratees for
methods like `_.every`, `_.filter`, `_.map`, `_.mapValues`, `_.reject`, and `_.some`.\n * The guarded methods
are: `_.ary`, `_.chunk`, `_.curry`, `_.curryRight`, `_.drop`, `_.dropRight`, `_.every`, `_.fill`, `_.invert`,
`_.parseInt`, `_.random`, `_.range`, `_.rangeRight`, `_.repeat`, `_.sampleSize`, `_.slice`, `_.some`, `_.sortBy`,
`_.split`, `_.take`, `_.takeRight`, `_.template`, `_.trim`, `_.trimEnd`, `_.trimStart`, and `_.words`.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category
Collection\n * @param {Array|Object} collection The collection to iterate over.\n * @param {Function}
[iteratee=_identity] The function invoked per iteration.\n * @returns {Array} Returns the new mapped array.\n *
@example\n * function square(n) {\n * return n * n;\n * }\n * _map([4, 8], square);\n * // => [16, 64]\n *
_.map({ 'a': 4, 'b': 8 }, square);\n * // => [16, 64] (iteration order is not guaranteed)\n * var users = [\n *
{ 'user': 'barney' },\n * { 'user': 'fred' }]\n * _;\n * _map(users, 'user');\n * // => ['barney', 'fred']\n */\nfunction map(collection, iteratee) {\n var func = isArray(collection) ? arrayMap :
baseMap;\n return func(collection, baseIteratee(iteratee, 3));\n}\n\nmodule.exports = map;\n","import mod from '\n
!././node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-0!././node_modules/css-
loader/index.js??ref--8-oneOf-1-1!././node_modules/vue-
loader/lib/loaders/stylePostLoader.js!././node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!././node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!././node_modules/cache-loader/dist/cjs.js??ref--0-
0!././node_modules/vue-loader/lib/index.js??vue-loader-
options!/EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&"; export default
mod; export * from '\n-!././node_modules/mini-css-extract-plugin/dist/loader.js??ref--8-oneOf-1-
0!././node_modules/css-loader/index.js??ref--8-oneOf-1-1!././node_modules/vue-
loader/lib/loaders/stylePostLoader.js!././node_modules/postcss-loader/src/index.js??ref--8-oneOf-1-
2!././node_modules/sass-loader/lib/loader.js??ref--8-oneOf-1-3!././node_modules/cache-loader/dist/cjs.js??ref--0-
0!././node_modules/vue-loader/lib/index.js??vue-loader-
options!/EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&";\n\n// Copyright
Joyent, Inc. and other Node contributors.\n\n// Permission is hereby granted, free of charge, to any person
obtaining a\n// copy of this software and associated documentation files (the\n// "Software"), to deal in the

```

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resolves . and .. elements in a path array with directory names there must be no slashes, empty elements, or device names (c:\) in the array (so also no leading and trailing slashes - it does not distinguish relative and absolute paths)

```
function normalizeArray(parts, allowAboveRoot) {
  // if the path tries to go above the root, `up` ends up > 0
  var up = 0;
  for (var i = parts.length - 1; i >= 0; i--) {
    var last = parts[i];
    if (last === '.') {
      parts.splice(i, 1);
    } else if (last === '..') {
      parts.splice(i, 1);
      up++;
    } else if (up) {
      parts.splice(i, 1);
      up--;
    }
  }
  // if the path is allowed to go above the root, restore leading ..s
  if (allowAboveRoot) {
    for (; up--; up) {
      parts.unshift('.');
    }
  }
  return parts;
}

// Split a filename into [root, dir, basename, ext], unix version
// 'root' is just a slash, or nothing.
var splitPathRe = /^(\/?|)([\s\S]*?)((?:\.{1,2}|[^\/]+?|)(\.[^\/]*|))(?!\[.*\])$/;
var splitPath = function(filename) {
  return splitPathRe.exec(filename).slice(1);
};

// posix version
exports.resolve = function() {
  var resolvedPath = "", resolvedAbsolute = false;
  for (var i = arguments.length - 1; i >= -1 && !resolvedAbsolute; i--) {
    var path = (i >= 0) ? arguments[i] : process.cwd();
    // Skip empty and invalid entries
    if (typeof path !== 'string') {
      throw new TypeError('Arguments to path.resolve must be strings');
    } else if (!path) {
      continue;
    }
    resolvedPath = path + '/' + resolvedPath;
    resolvedAbsolute = path.charAt(0) === '/';
  }
  // At this point the path should be resolved to a full absolute path, but
  // handle relative paths to be safe (might happen when process.cwd() fails)
  // Normalize the path
  resolvedPath = normalizeArray(filter(resolvedPath.split('/'), function(p) {
    return !!p;
  }), !resolvedAbsolute).join('/');
  return ((resolvedAbsolute ? '/' : '') + resolvedPath) || '.';
};

// posix
exports.normalize = function(path) {
  var isAbsolute = exports.isAbsolute(path), trailingSlash = substr(path, -1) === '/';
  // Normalize the path
  path = normalizeArray(filter(path.split('/'), function(p) {
    return !!p;
  }), !isAbsolute).join('/');
  if (!path && !isAbsolute) {
    path = '.';
  }
  if (path && trailingSlash) {
    path += '/';
  }
  return (isAbsolute ? '/' : '') + path;
};

// posix
exports.isAbsolute = function(path) {
  return path.charAt(0) === '/';
};

// posix
exports.join = function() {
  var paths = Array.prototype.slice.call(arguments, 0);
  return exports.normalize(filter(paths, function(p, index) {
    if (typeof p !== 'string') {
      throw new TypeError('Arguments to path.join must be strings');
    }
    return p;
  }));
};

// posix
exports.relative = function(from, to) {
  from = exports.resolve(from).substr(1);
  to = exports.resolve(to).substr(1);
  function trim(arr) {
    var start = 0;
    for (; start < arr.length; start++) {
      if (arr[start] !== "") break;
    }
    var end = arr.length - 1;
    for (; end >= 0; end--) {
      if (arr[end] !== "") break;
    }
    if (start > end) return [];
    return arr.slice(start, end - start + 1);
  }
  var fromParts = trim(from.split('/'));
  var toParts = trim(to.split('/'));
  var length = Math.min(fromParts.length, toParts.length);
  var samePartsLength = length;
  for (var i = 0; i < length; i++) {
    if (fromParts[i] !== toParts[i]) {
      samePartsLength = i;
      break;
    }
  }
  var outputParts = [];
  for (var i = samePartsLength; i < fromParts.length; i++) {
    outputParts.push('..');
  }
  outputParts = outputParts.concat(toParts.slice(samePartsLength));
  return outputParts.join('/');
};

exports.sep = '/';
exports.delimiter = ':';
exports.dirname = function(path) {
  var result = splitPath(path), root = result[0], dir = result[1];
  if (!root && !dir) {
    // No dirname whatsoever
    return '.';
  }
  if (dir) {
    // It has a dirname, strip trailing slash
    dir = dir.substr(0, dir.length - 1);
  }
  return root + dir;
};
exports.basename = function(path, ext) {
  var f = splitPath(path)[2];
  //

```

```

TODO: make this comparison case-insensitive on windows?
if (ext && f.substr(-1 * ext.length) === ext) {
  f = f.substr(0, f.length - ext.length);
}
return f;
};
exports.extname = function(path) {
  return splitPath(path)[3];
};
function filter(xs, f) {
  if (xs.filter) return xs.filter(f);
  var res = [];
  for (var i = 0; i < xs.length; i++) {
    if (f(xs[i], i, xs)) res.push(xs[i]);
  }
  return res;
};
// String.prototype.substr - negative index don't work in IE8
var substr = 'ab'.substr(-1) === 'b' ? function(str, start, len) {
  return str.substr(start, len)
} : function(str, start, len) {
  if (start < 0) start = str.length + start;
  return str.substr(start, len);
};
// IE 8- don't enum bug keys
module.exports = (
  'constructor,hasOwnProperty,isPrototypeOf,propertyIsEnumerable,toLocaleString,toString,valueOf').split(',');
var hashClear = require('./_hashClear'),
    hashDelete = require('./_hashDelete'),
    hashGet = require('./_hashGet'),
    hashHas = require('./_hashHas'),
    hashSet = require('./_hashSet');
/**
 * Creates a hash object.
 *
 * @private
 * @constructor
 * @param {Array} [entries] The key-value pairs to cache.
 */
function Hash(entries) {
  var index = -1,
      length = entries == null ? 0 : entries.length;
  this.clear();
  while (++index < length) {
    var entry = entries[index];
    this.set(entry[0], entry[1]);
  }
};
// Add methods to `Hash`
Hash.prototype.clear = hashClear;
Hash.prototype['delete'] = hashDelete;
Hash.prototype.get = hashGet;
Hash.prototype.has = hashHas;
Hash.prototype.set = hashSet;
module.exports = Hash;
"var castPath = require('./_castPath'),
    isArguments = require('./isArguments'),
    isArray = require('./isArray'),
    isIndex = require('./isIndex'),
    isLength = require('./isLength'),
    toKey = require('./_toKey');
/**
 * Checks if `path` exists on `object`.
 *
 * @private
 * @param {Object} object The object to query.
 * @param {Array|string} path The path to check.
 * @param {Function} hasFunc The function to check properties.
 * @returns {boolean} Returns `true` if `path` exists, else `false`.
 */
function hasPath(object, path, hasFunc) {
  path = castPath(path, object);
  var index = -1,
      length = path.length,
      result = false;
  while (++index < length) {
    var key = toKey(path[index]);
    if (!(result = object != null && hasFunc(object, key))) {
      break;
    }
    object = object[key];
  }
  if (result || ++index != length) {
    return result;
  }
  length = object == null ? 0 : object.length;
  return !!length && isLength(length) && isIndex(key, length) && (isArray(object) || isArguments(object));
};
module.exports = hasPath;
"var isArray = require('./isArray'),
    isKey = require('./isKey'),
    stringToPath = require('./_stringToPath'),
    toString = require('./toString');
/**
 * Casts `value` to a path array if it's not one.
 *
 * @private
 * @param {*} value The value to inspect.
 * @param {Object} [object] The object to query keys on.
 * @returns {Array} Returns the cast property path array.
 */
function castPath(value, object) {
  if (isArray(value)) {
    return value;
  }
  return isKey(value, object) ? [value] : stringToPath(toString(value));
};
module.exports = castPath;
"var MapCache = require('./_MapCache');
/**
 * Error message constants.
 */
var FUNC_ERROR_TEXT = 'Expected a function';
/**
 * Creates a function that memoizes the result of `func`. If `resolver` is
 * provided, it determines the cache key for storing the result based on the
 * arguments provided to the memoized function. By default, the first
 * argument provided to the memoized function is used as the map cache key.
 * The `func` is invoked with the `this` binding of the memoized function.
 *
 * **Note:** The cache is exposed as the `cache` property on the memoized
 * function. Its creation may be customized by replacing the
 * `_memoize.Cache` constructor with one whose instances implement the
 * `Map` (http://ecma-international.org/ecma-262/7.0/#sec-properties-of-the-map-prototype-object)
 * method interface of `clear`, `delete`, `get`, `has`, and `set`.
 *
 * @memberOf _
 * @since 0.1.0
 * @category Function
 * @param {Function} func The function to have its output memoized.
 * @param {Function} [resolver] The function to resolve the cache key.
 * @returns {Function} Returns the new memoized function.
 * @example
 * var object = { 'a': 1, 'b': 2 };
 * var other = { 'c': 3, 'd': 4 };
 * var values = _memoize(_.values);
 * values(object); // => [1, 2]
 * values(other); // => [3, 4]
 * object.a = 2;
 * values(object); // => [1, 2]
 * // Modify the result cache.
 * values.cache.set(object, ['a', 'b']);
 * values(object); // => ['a', 'b']
 * // Replace `_memoize.Cache`.
 * _memoize.Cache = WeakMap;
 */
function memoize(func, resolver) {
  if (typeof func != 'function' || (resolver != null && typeof resolver != 'function')) {
    throw new TypeError(FUNC_ERROR_TEXT);
  }
  var memoized = function() {
    var args = arguments,
        key = resolver ? resolver.apply(this, args) : args[0],
        cache = memoized.cache;
    if (cache.has(key)) {
      return cache.get(key);
    }
    var result =

```

```

func.apply(this, args);\n  memoized.cache = cache.set(key, result) || cache;\n  return result;\n };\n
memoized.cache = new (memoize.Cache || MapCache);\n return memoized;\n}\n\n// Expose
`MapCache`.\nmemoize.Cache = MapCache;\n\nmodule.exports = memoize;\n", "use
strict";\nObject.defineProperty(exports, '__esModule', { value: true });\nvar prefix = 'fas';\nvar iconName =
'times';\nvar width = 352;\nvar height = 512;\nvar ligatures = [];\nvar unicode = 'f00d';\nvar svgPathData =
'M242.72 256l100.07-100.07c12.28-12.28 12.28-32.19 0-44.48l22.24-22.24c-12.28-12.28-32.19-12.28-44.48
0L176 189.28 75.93 89.21c-12.28-12.28-32.19-12.28-44.48 0L9.21 111.45c-12.28 12.28-12.28 32.19 0
44.48L109.28 256 9.21 356.07c-12.28 12.28-12.28 32.19 0 44.48l22.24 22.24c12.28 12.28 32.2 12.28 44.48
0L176 322.72l100.07 100.07c12.28 12.28 32.2 12.28 44.48 0l22.24-22.24c12.28-12.28 12.28-32.19 0-44.48L242.72
256z';\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  ]};\n\nexports.faTimes = exports.definition;\n\nexports.prefix =
prefix;\n\nexports.iconName = iconName;\n\nexports.width = width;\n\nexports.height = height;\n\nexports.ligatures =
ligatures;\n\nexports.unicode = unicode;\n\nexports.svgPathData = svgPathData;";\n\nvar baseGet =
require('./_baseGet');\n\n/**\n * A specialized version of `baseProperty` which supports deep paths.\n * *\n * @private\n * @param {Array|string} path The path of the property to get.\n * @returns {Function} Returns the new
accessor function.\n * *\n * @example\n * function basePropertyDeep(path) {\n *   return function(object) {\n *     return baseGet(object,
path);\n *   };\n * }\n * module.exports = basePropertyDeep;\n * "\n\n// eslint-disable-next-line no-empty-
function\n\nmodule.exports = function () {};\n", "/*\n * Used for built-in method references. *\n * *\n * @private\n * @param {*} value
The value to check.\n * @returns {boolean} Returns `true` if `value` is a prototype, else `false`.\n * *\n * @example\n * function
isPrototype(value) {\n *   var Ctor = value && value.constructor,\n *       proto = (typeof Ctor === 'function' &&
Ctor.prototype) || objectProto;\n *   return value === proto;\n * }\n * module.exports = isPrototype;\n * "\n\n// 7.3.20
SpeciesConstructor(O, defaultConstructor)\n\nvar anObject = require('./_an-object');\nvar aFunction = require('./_a-
function');\nvar SPECIES = require('./_wks')('species');\n\nmodule.exports = function (O, D) {\n  var C =
anObject(O).constructor;\n  var S;\n  return C === undefined || (S = anObject(C)[SPECIES]) === undefined ? D :
aFunction(S);\n};\n", "var arrayLikeKeys = require('./_arrayLikeKeys');\n\nbaseKeys = require('./_baseKeys');\n\nisArrayLike = require('./isArrayLike');\n\n/**\n * Creates an array of the own enumerable property names of
`object`.\n * *\n * **Note:** Non-object values are coerced to objects. See the\n * [ES spec](http://ecma-
international.org/ecma-262/7.0/#sec-object.keys)\n * for more details.\n * *\n * @static\n * @since 0.1.0\n *
@memberOf _\n * @category Object\n * @param {Object} object The object to query.\n * @returns {Array}
Returns the array of property names.\n * @example\n * function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n * }\n *
Foo.prototype.c = 3;\n * _keys(new Foo);\n * // => ['a', 'b'] (iteration order is not guaranteed)\n * _keys('hi');\n * // => ['0', '1']\n * *\n * @example\n * function keys(object) {\n *   return isArrayLike(object) ? arrayLikeKeys(object) :
baseKeys(object);\n * }\n * module.exports = keys;\n * "\n\n// "use strict";\n\nmodule.exports = function () {\n  \n\t\tObject.keys("primitive");\n\t\treturn true;\n\t\t} catch (e) {\n\t\treturn false;\n\t\t}\n};\n", "/*\n * Converts
`map` to its key-value pairs.\n * *\n * @private\n * @param {Object} map The map to convert.\n * @returns {Array}
Returns the key-value pairs.\n * *\n * @example\n * function mapToArray(map) {\n *   var index = -1,\n *       result = Array(map.size);\n *   map.forEach(function(value, key) {\n *     result[++index] = [key, value];\n *   });\n *   return result;\n * }\n * module.exports
= mapToArray;\n * "\n\n// "use strict";\n\nObject.defineProperty(exports, '__esModule', { value: true });\nvar prefix =
'fas';\nvar iconName = 'code';\nvar width = 640;\nvar height = 512;\nvar ligatures = [];\nvar unicode = 'f121';\nvar
svgPathData = 'M278.9 511.5l-61-17.7c-6.4-1.8-10-8.5-8.2-14.9L346.2 8.7c1.8-6.4 8.5-10 14.9-8.2l61 17.7c6.4 1.8
10 8.5 8.2 14.9L293.8 503.3c-1.9 6.4-8.5 10.1-14.9 8.2zm-114-112.2l43.5-46.4c4.6-4.9 4.3-12.7-.8-17.2L117
256l90.6-79.7c5.1-4.5 5.5-12.3.8-17.2l-43.5-46.4c-4.5-4.8-12.1-5.1-17-.5L3.8 247.2c-5.1 4.7-5.1 12.8 0 17.5l144.1
135.1c4.9 4.6 12.5 4.4 17-.5zm327.2 61l44.1-135.1c5.1-4.7 5.1-12.8 0-17.5L492.1 112.1c-4.8-4.5-12.4-4.3-17
.5L431.6 159c-4.6 4.9-4.3 12.7.8 17.2L523 256l-90.6 79.7c-5.1 4.5-5.5 12.3-.8 17.2l43.5 46.4c4.5 4.9 12.1 5.1 17
.6z';\n\nexports.definition = {\n  prefix: prefix,\n  iconName: iconName,\n  icon: [\n    width,\n    height,\n    ligatures,\n    unicode,\n    svgPathData\n  ]};\n\nexports.faCode = exports.definition;\n\nexports.prefix =
prefix;\n\nexports.iconName = iconName;\n\nexports.width = width;\n\nexports.height = height;\n\nexports.ligatures =

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ligatures;\nexports.unicode = unicode;\nexports.svgPathData = svgPathData;","/*\n * The base implementation of
`_property` without support for deep paths.\n *\n * @private\n * @param {string} key The key of the property to
get.\n *\n * @returns {Function} Returns the new accessor function.\n */\nfunction baseProperty(key) {\n  return
function(object) {\n    return object == null ? undefined : object[key];\n  };\n}\n\nmodule.exports =
baseProperty;\n","var ListCache = require('./_ListCache');\n\n/**\n * Removes all key-value entries from the
stack.\n *\n * @private\n * @name clear\n * @memberOf Stack\n */\nfunction stackClear() {\n  this.__data__ =
new ListCache;\n  this.size = 0;\n}\n\nmodule.exports = stackClear;","/*!\n * @fileOverview Kickass library to
create and place poppers near their reference elements.\n *\n * @version 1.14.5\n * @license\n * Copyright (c) 2016
Federico Zivolo and contributors\n *\n * Permission is hereby granted, free of charge, to any person obtaining a
copy\n * of this software and associated documentation files (the `Software`), to deal\n * in the Software without
restriction, including without limitation the rights\n * to use, copy, modify, merge, publish, distribute, sublicense,
and/or sell\n * copies of the Software, and to permit persons to whom the Software is\n * furnished to do so, subject
to the following conditions:\n *\n * The above copyright notice and this permission notice shall be included in all\n
* copies or substantial portions of the Software.\n *\n * THE SOFTWARE IS PROVIDED `AS IS`, WITHOUT
WARRANTY OF ANY KIND, EXPRESS OR\n * IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES OF MERCHANTABILITY,\n * FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE\n * AUTHORS OR COPYRIGHT HOLDERS BE LIABLE
FOR ANY CLAIM, DAMAGES OR OTHER\n * LIABILITY, WHETHER IN AN ACTION OF CONTRACT,
TORT OR OTHERWISE, ARISING FROM,\n * OUT OF OR IN CONNECTION WITH THE SOFTWARE OR
THE USE OR OTHER DEALINGS IN THE\n * SOFTWARE.\n */\nvar isBrowser = typeof window !==
'undefined' && typeof document !== 'undefined';\n\nvar longerTimeoutBrowsers = ['Edge', 'Trident', 'Firefox'];\n\nvar
timeoutDuration = 0;\nfor (var i = 0; i < longerTimeoutBrowsers.length; i += 1) {\n  if (isBrowser &&
navigator.userAgent.indexOf(longerTimeoutBrowsers[i]) >= 0) {\n    timeoutDuration = 1;\n    break;\n  }\n}\n\nfunction microtaskDebounce(fn) {\n  var called = false;\n  return function () {\n    if (called) {\n      return;\n    }\n    called = true;\n    window.Promise.resolve().then(function () {\n      called = false;\n      fn();\n    });\n  };\n}\n\nfunction taskDebounce(fn) {\n  var scheduled = false;\n  return function () {\n    if (!scheduled) {\n      scheduled = true;\n      setTimeout(function () {\n        scheduled = false;\n        fn();\n      }, timeoutDuration);\n    }\n  };\n}\n\nvar supportsMicroTasks = isBrowser && window.Promise;\n\n/**\n * Create a debounced version of a
method, that's asynchronously deferred\n * but called in the minimum time possible.\n *\n * @method\n * @memberof Popper.Utils\n * @argument {Function} fn\n * @returns {Function}\n */\nvar debounce =
supportsMicroTasks ? microtaskDebounce : taskDebounce;\n\n/**\n * Check if the given variable is a function\n *\n * @method\n * @memberof Popper.Utils\n * @argument {Any} functionToCheck - variable to check\n * @returns
{Boolean} answer to: is a function?\n */\nfunction isFunction(functionToCheck) {\n  var getType = {};\n  return
functionToCheck && getType.toString.call(functionToCheck) === '[object Function]';\n}\n\n/**\n * Get CSS
computed property of the given element\n *\n * @method\n * @memberof Popper.Utils\n * @argument {Element}
element\n * @argument {String} property\n */\nfunction getStyleComputedProperty(element, property) {\n  if
(element.nodeType !== 1) {\n    return [];\n  }\n  // NOTE: 1 DOM access here\n  var window =
element.ownerDocument.defaultView;\n  var css = window.getComputedStyle(element, null);\n  return property ?
css[property] : css;\n}\n\n/**\n * Returns the parentNode or the host of the element\n *\n * @method\n * @memberof
Popper.Utils\n * @argument {Element} element\n * @returns {Element} parent\n */\nfunction
getParentNode(element) {\n  if (element.nodeName === 'HTML') {\n    return element;\n  }\n  return
element.parentNode || element.host;\n}\n\n/**\n * Returns the scrolling parent of the given element\n *\n * @method\n
* @memberof Popper.Utils\n * @argument {Element} element\n * @returns {Element} scroll parent\n */\nfunction
getScrollParent(element) {\n  // Return body, `getScroll` will take care to get the correct `scrollTop` from it\n  if
(!element) {\n    return document.body;\n  }\n  switch (element.nodeName) {\n    case 'HTML':\n    case
'BODY':\n      return element.ownerDocument.body;\n    case '#document':\n      return element.body;\n  }\n  // Firefox
want us to check `x` and `y` variations as well\n  var _getStyleComputedProp =
getStyleComputedProperty(element),\n      overflow = _getStyleComputedProp.overflow,\n      overflowX =

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_getStyleComputedProp.overflowX;\n    overflowY = _getStyleComputedProp.overflowY;\n\n if
((/(/auto|scroll|overlay)/.test(overflow + overflowY + overflowX)) {\n    return element;\n } \n\n return
getScrollParent(getParentNode(element));\n}\n\nvar isIE11 = isBrowser && !(window.MSInputMethodContext
&& document.documentMode);\nvar isIE10 = isBrowser && /MSIE 10/.test(navigator.userAgent);\n\n/**\n *
Determines if the browser is Internet Explorer\n * @method\n * @memberof Popper.Utils\n * @param {Number}
version to check\n * @returns {Boolean} isIE\n */\nfunction isIE(version) {\n  if (version === 11) {\n    return
isIE11;\n  } \n  if (version === 10) {\n    return isIE10;\n  } \n  return isIE11 || isIE10;\n}\n\n/**\n * Returns the offset
parent of the given element\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element\n *
@return {Element} offset parent\n */\nfunction getOffsetParent(element) {\n  if (!element) {\n    return
document.documentElement;\n  } \n\n  var noOffsetParent = isIE(10) ? document.body : null;\n\n  // NOTE: 1 DOM
access here\n  var offsetParent = element.offsetParent || null;\n  // Skip hidden elements which don't have an
offsetParent\n  while (offsetParent === noOffsetParent && element.nextElementSibling) {\n    offsetParent =
(element = element.nextElementSibling).offsetParent;\n  } \n\n  var nodeName = offsetParent &&
offsetParent.nodeName;\n  if (!nodeName || nodeName === 'BODY' || nodeName === 'HTML') {\n    return
element ? element.ownerDocument.documentElement : document.documentElement;\n  } \n\n  // .offsetParent will
return the closest TH, TD or TABLE in case\n  // no offsetParent is present, I hate this job...\n  if (['TH', 'TD',
'TABLE'].indexOf(offsetParent.nodeName) !== -1 && getStyleComputedProperty(offsetParent, 'position') ===
'static') {\n    return getOffsetParent(offsetParent);\n  } \n\n  return offsetParent;\n}\n\nfunction
isOffsetContainer(element) {\n  var nodeName = element.nodeName;\n\n  if (nodeName === 'BODY') {\n    return
false;\n  } \n  return nodeName === 'HTML' || getOffsetParent(element.firstElementChild) === element;\n}\n\n/**\n *
Finds the root node (document, shadowDOM root) of the given element\n * @method\n * @memberof
Popper.Utils\n * @argument {Element} node\n * @returns {Element} root node\n */\nfunction getRoot(node) {\n
if (node.parentNode !== null) {\n    return getRoot(node.parentNode);\n  } \n\n  return node;\n}\n\n/**\n * Finds the
offset parent common to the two provided nodes\n * @method\n * @memberof Popper.Utils\n * @argument
{Element} element1\n * @argument {Element} element2\n * @returns {Element} common offset parent\n */\nfunction
findCommonOffsetParent(element1, element2) {\n  // This check is needed to avoid errors in case one
of the elements isn't defined for any reason\n  if (!element1 || !element1.nodeType || !element2 ||
!element2.nodeType) {\n    return document.documentElement;\n  } \n\n  // Here we make sure to give as \"start\" the
element that comes first in the DOM\n  var order = element1.compareDocumentPosition(element2) &
Node.DOCUMENT_POSITION_FOLLOWING;\n  var start = order ? element1 : element2;\n  var end = order ?
element2 : element1;\n  // Get common ancestor container\n  var range = document.createRange();\n  range.setStart(start, 0);\n  range.setEnd(end, 0);\n  var commonAncestorContainer =
range.commonAncestorContainer;\n\n  // Both nodes are inside #document\n  if (element1 !==
commonAncestorContainer && element2 !== commonAncestorContainer || start.contains(end)) {\n    if
(isOffsetContainer(commonAncestorContainer)) {\n      return commonAncestorContainer;\n    } \n\n    return
getOffsetParent(commonAncestorContainer);\n  } \n\n  // one of the nodes is inside shadowDOM, find which one\n
var element1root = getRoot(element1);\n  if (element1root.host) {\n    return
findCommonOffsetParent(element1root.host, element2);\n  } else {\n    return findCommonOffsetParent(element1,
getRoot(element2).host);\n  } \n}\n\n/**\n * Gets the scroll value of the given element in the given side (top and
left)\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element\n * @argument {String} side
`top` or `left`\n * @returns {number} amount of scrolled pixels\n */\nfunction getScroll(element) {\n  var side =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : 'top';\n\n  var upperSide = side === 'top' ?
'scrollTop' : 'scrollLeft';\n  var nodeName = element.nodeName;\n\n  if (nodeName === 'BODY' || nodeName ===
'HTML') {\n    var html = element.ownerDocument.documentElement;\n    var scrollingElement =
element.ownerDocument.scrollingElement || html;\n    return scrollingElement[upperSide];\n  } \n\n  return
element[upperSide];\n}\n\n/**\n * Sum or subtract the element scroll values (left and top) from a given rect object\n
* @method\n * @memberof Popper.Utils\n * @param {Object} rect - Rect object you want to change\n * @param
{HTMLElement} element - The element from the function reads the scroll values\n * @param {Boolean} subtract -

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set to true if you want to subtract the scroll values\n * @return {Object} rect - The modifier rect object\n
*\nfunction includeScroll(rect, element) {\n  var subtract = arguments.length > 2 && arguments[2] !== undefined ?\n  arguments[2] : false;\n\n  var scrollTop = getScroll(element, 'top');\n  var scrollLeft = getScroll(element, 'left');\n  var modifier = subtract ? -1 : 1;\n  rect.top += scrollTop * modifier;\n  rect.bottom += scrollTop * modifier;\n  rect.left += scrollLeft * modifier;\n  rect.right += scrollLeft * modifier;\n  return rect;\n}\n\n * Helper to detect\n borders of a given element\n * @method\n * @memberof Popper.Utils\n * @param {CSSStyleDeclaration} styles\n * Result of `getStyleComputedProperty` on the given element\n * @param {String} axis - `x` or `y`\n * @return\n {number} borders - The borders size of the given axis\n *\n\nfunction getBordersSize(styles, axis) {\n  var sideA =\n  axis === 'x' ? 'Left' : 'Top';\n  var sideB = sideA === 'Left' ? 'Right' : 'Bottom';\n\n  return parseFloat(styles['border'\n  + sideA + 'Width'], 10) + parseFloat(styles['border'\n  + sideB + 'Width'], 10);\n}\n\nfunction getSize(axis, body, html,\n  computedStyle) {\n  return Math.max(body['offset' + axis], body['scroll' + axis], html['client' + axis], html['offset' +\n  axis], html['scroll' + axis], isIE(10) ? parseInt(html['offset' + axis]) + parseInt(computedStyle['margin' + (axis ===\n  'Height' ? 'Top' : 'Left')]) + parseInt(computedStyle['margin' + (axis === 'Height' ? 'Bottom' : 'Right')]) :\n  0);\n}\n\nfunction getWindowSizes(document) {\n  var body = document.body;\n  var html =\n  document.documentElement;\n  var computedStyle = isIE(10) && getComputedStyle(html);\n\n  return {\n    height: getSize('Height', body, html, computedStyle),\n    width: getSize('Width', body, html, computedStyle)\n  };\n}\n\nvar classCallCheck = function (instance, Constructor) {\n  if (!(instance instanceof Constructor)) {\n    throw new TypeError("Cannot call a class as a function");\n  }\n};\n\nvar createClass = function () {\n  function\n  defineProperties(target, props) {\n    for (var i = 0; i < props.length; i++) {\n      var descriptor = props[i];\n      descriptor.enumerable = descriptor.enumerable || false;\n      descriptor.configurable = true;\n      if ("value" in\n      descriptor) descriptor.writable = true;\n      Object.defineProperty(target, descriptor.key, descriptor);\n    }\n  }\n\n  return function (Constructor, protoProps, staticProps) {\n    if (protoProps) defineProperties(Constructor.prototype,\n    protoProps);\n    if (staticProps) defineProperties(Constructor, staticProps);\n    return Constructor;\n  }\n};\n\nvar defineProperty = function (obj, key, value) {\n  if (key in obj) {\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable:\n      true\n    });\n  } else {\n    obj[key] = value;\n  }\n  return obj;\n};\n\nvar _extends = Object.assign || function\n  (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source)\n    {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n\n    return target;\n  }\n};\n\n * Given element offsets, generate an output similar to getBoundingClientRect\n * @method\n * @memberof Popper.Utils\n * @argument {Object} offsets\n * @returns {Object} ClientRect like\n output\n *\nfunction getClientRect(offsets) {\n  return _extends({}, offsets, {\n    right: offsets.left +\n    offsets.width,\n    bottom: offsets.top + offsets.height\n  });\n}\n\n * Get bounding client rect of given\n element\n * @method\n * @memberof Popper.Utils\n * @param {HTMLElement} element\n * @return {Object}\n client rect\n *\nfunction getBoundingClientRect(element) {\n  var rect = {};\n\n  // IE10 10 FIX: Please, don't ask,\n  the element isn't\n  // considered in DOM in some circumstances... // This isn't reproducible in IE10 compatibility\n  mode of IE11\n  try {\n    if (isIE(10)) {\n      rect = element.getBoundingClientRect();\n      var scrollTop =\n      getScroll(element, 'top');\n      var scrollLeft = getScroll(element, 'left');\n      rect.top += scrollTop;\n      rect.left +=\n      scrollLeft;\n      rect.bottom += scrollTop;\n      rect.right += scrollLeft;\n    } else {\n      rect =\n      element.getBoundingClientRect();\n    }\n  } catch (e) {\n  }\n\n  var result = {\n    left: rect.left,\n    top: rect.top,\n    width: rect.right - rect.left,\n    height: rect.bottom - rect.top\n  };\n\n  // subtract scrollbar size from sizes\n  var sizes\n  = element.nodeName === 'HTML' ? getWindowSizes(element.ownerDocument) : {};\n  var width = sizes.width ||\n  element.clientWidth || result.right - result.left;\n  var height = sizes.height || element.clientHeight || result.bottom -\n  result.top;\n\n  var horizScrollbar = element.offsetWidth - width;\n  var vertScrollbar = element.offsetHeight -\n  height;\n\n  // if an hypothetical scrollbar is detected, we must be sure it's not a `border`\n  // we make this check\n  conditional for performance reasons\n  if (horizScrollbar || vertScrollbar) {\n    var styles =\n    getStyleComputedProperty(element);\n    horizScrollbar -= getBordersSize(styles, 'x');\n    vertScrollbar -=\n    getBordersSize(styles, 'y');\n\n    result.width -= horizScrollbar;\n    result.height -= vertScrollbar;\n  }\n\n  return\n  getClientRect(result);\n}\n\nfunction getOffsetRectRelativeToArbitraryNode(children, parent) {\n  var fixedPosition

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= arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : false;\n\n var isIE10 = isIE(10);\n var
isHTML = parent.nodeName === 'HTML';\n var childrenRect = getBoundingClientRect(children);\n var
parentRect = getBoundingClientRect(parent);\n var scrollParent = getScrollParent(children);\n\n var styles =
getStyleComputedProperty(parent);\n var borderTopWidth = parseFloat(styles.borderTopWidth, 10);\n var
borderLeftWidth = parseFloat(styles.borderLeftWidth, 10);\n\n // In cases where the parent is fixed, we must ignore
negative scroll in offset calc\n if (fixedPosition && isHTML) {\n   parentRect.top = Math.max(parentRect.top,
0);\n   parentRect.left = Math.max(parentRect.left, 0);\n } \n var offsets = getClientRect({\n   top: childrenRect.top
- parentRect.top - borderTopWidth,\n   left: childrenRect.left - parentRect.left - borderLeftWidth,\n   width:
childrenRect.width,\n   height: childrenRect.height\n });\n offsets.marginTop = 0;\n offsets.marginLeft = 0;\n\n //
Subtract margins of documentElement in case it's being used as parent\n // we do this only on HTML because it's
the only element that behaves\n // differently when margins are applied to it. The margins are included in\n // the
box of the documentElement, in the other cases not.\n if (!isIE10 && isHTML) {\n   var marginTop =
parseFloat(styles.marginTop, 10);\n   var marginLeft = parseFloat(styles.marginLeft, 10);\n\n   offsets.top -=
borderTopWidth - marginTop;\n   offsets.bottom -= borderTopWidth - marginTop;\n   offsets.left -=
borderLeftWidth - marginLeft;\n   offsets.right -= borderLeftWidth - marginLeft;\n\n   // Attach marginTop and
marginLeft because in some circumstances we may need them\n   offsets.marginTop = marginTop;\n   offsets.marginLeft = marginLeft;\n } \n\n if (isIE10 && !fixedPosition ? parent.contains(scrollParent) : parent ===
scrollParent && scrollParent.nodeName !== 'BODY') {\n   offsets = includeScroll(offsets, parent);\n } \n\n return
offsets;\n}\n\nfunction getViewPortOffsetRectRelativeToArbitraryNode(element) {\n var excludeScroll =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : false;\n var html =
element.ownerDocument.documentElement;\n var relativeOffset =
getOffsetRectRelativeToArbitraryNode(element, html);\n var width = Math.max(html.clientWidth,
window.innerWidth || 0);\n var height = Math.max(html.clientHeight, window.innerHeight || 0);\n\n var scrollTop
= !excludeScroll ? getScroll(html) : 0;\n var scrollLeft = !excludeScroll ? getScroll(html, 'left') : 0;\n\n var offset =
{\n   top: scrollTop - relativeOffset.top + relativeOffset.marginTop,\n   left: scrollLeft - relativeOffset.left +
relativeOffset.marginLeft,\n   width: width,\n   height: height\n };\n\n return getClientRect(offset);\n}\n\n/**\n *
Check if the given element is fixed or is inside a fixed parent\n * @method\n * @memberof Popper.Utils\n *
@param {Element} element\n * @param {Element} customContainer\n * @returns {Boolean} answer to
'isFixed?'\n */\nfunction isFixed(element) {\n var nodeName = element.nodeName;\n if (nodeName ===
'BODY' || nodeName === 'HTML') {\n   return false;\n } \n if (getStyleComputedProperty(element, 'position') ===
'fixed') {\n   return true;\n } \n return isFixed(getParentNode(element));\n}\n\n/**\n * Finds the first parent of an
element that has a transformed property defined\n * @method\n * @memberof Popper.Utils\n * @argument
{Element} element\n * @returns {Element} first transformed parent or documentElement\n */\nfunction
getFixedPositionOffsetParent(element) {\n // This check is needed to avoid errors in case one of the elements isn't
defined for any reason\n if (!element || !element.parentElement || isIE()) {\n   return document.documentElement;\n
} \n var el = element.parentElement;\n while (el && getStyleComputedProperty(el, 'transform') === 'none') {\n   el
= el.parentElement;\n } \n return el || document.documentElement;\n}\n\n/**\n * Computed the boundaries limits
and return them\n * @method\n * @memberof Popper.Utils\n * @param {HTMLElement} popper\n * @param
{HTMLElement} reference\n * @param {number} padding\n * @param {HTMLElement} boundariesElement -
Element used to define the boundaries\n * @param {Boolean} fixedPosition - Is in fixed position mode\n *
@returns {Object} Coordinates of the boundaries\n */\nfunction getBoundaries(popper, reference, padding,
boundariesElement) {\n var fixedPosition = arguments.length > 4 && arguments[4] !== undefined ? arguments[4] :
false;\n\n // NOTE: 1 DOM access here\n\n var boundaries = { top: 0, left: 0 };\n var offsetParent = fixedPosition ?
getFixedPositionOffsetParent(popper) : findCommonOffsetParent(popper, reference);\n\n // Handle viewport case\n
if (boundariesElement === 'viewport') {\n   boundaries =
getViewPortOffsetRectRelativeToArbitraryNode(offsetParent, fixedPosition);\n } else {\n   // Handle other cases
based on DOM element used as boundaries\n   var boundariesNode = void 0;\n   if (boundariesElement ===
'scrollParent') {\n     boundariesNode = getScrollParent(getParentNode(reference));\n     if

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(boundariesNode.nodeName === 'BODY') {\n    boundariesNode = popper.ownerDocument.documentElement;\n    }\n  } else if (boundariesElement === 'window') {\n    boundariesNode =\n    popper.ownerDocument.documentElement;\n  } else {\n    boundariesNode = boundariesElement;\n  }\n\n  var\n  offsets = getOffsetRectRelativeToArbitraryNode(boundariesNode, offsetParent, fixedPosition);\n\n  // In case of\n  HTML, we need a different computation\n  if (boundariesNode.nodeName === 'HTML' &&\n  !isFixed(offsetParent)) {\n    var _getWindowSizes = getWindowSizes(popper.ownerDocument),\n        height =\n        _getWindowSizes.height,\n        width = _getWindowSizes.width;\n\n    boundaries.top += offsets.top -\n    offsets.marginTop;\n    boundaries.bottom = height + offsets.top;\n    boundaries.left += offsets.left -\n    offsets.marginLeft;\n    boundaries.right = width + offsets.left;\n  } else {\n    // for all the other DOM elements,\n    this one is good\n    boundaries = offsets;\n  }\n\n  // Add paddings\n  padding = padding || 0;\n  var\n  isPaddingNumber = typeof padding === 'number';\n  boundaries.left += isPaddingNumber ? padding : padding.left ||\n  0;\n  boundaries.top += isPaddingNumber ? padding : padding.top || 0;\n  boundaries.right -= isPaddingNumber ?\n  padding : padding.right || 0;\n  boundaries.bottom -= isPaddingNumber ?\n  padding : padding.bottom || 0;\n\n  return\n  boundaries;\n}\n\nfunction getArea(_ref) {\n  var width = _ref.width,\n      height = _ref.height;\n\n  return width *\n  height;\n}\n\n/**\n * Utility used to transform the `auto` placement to the placement with more\n * available\n * space.\n * @method\n * @memberof Popper.Utils\n * @argument {Object} data - The data object generated by\n * update method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object} The\n * data object, properly modified\n */\nfunction computeAutoPlacement(placement, refRect, popper, reference,\n  boundariesElement) {\n  var padding = arguments.length > 5 && arguments[5] !== undefined ? arguments[5] :\n  0;\n\n  if (placement.indexOf('auto') === -1) {\n    return placement;\n  }\n\n  var boundaries =\n  getBoundaries(popper, reference, padding, boundariesElement);\n\n  var rects = {\n    top: {\n      width:\n      boundaries.width,\n      height: refRect.top - boundaries.top\n    },\n    right: {\n      width: boundaries.right -\n      refRect.right,\n      height: boundaries.height\n    },\n    bottom: {\n      width: boundaries.width,\n      height:\n      boundaries.bottom - refRect.bottom\n    },\n    left: {\n      width: refRect.left - boundaries.left,\n      height:\n      boundaries.height\n    }\n  };\n\n  var sortedAreas = Object.keys(rects).map(function (key) {\n    return _extends({\n      key: key\n    }, rects[key], {\n      area: getArea(rects[key])\n    });\n  }).sort(function (a, b) {\n    return b.area -\n    a.area;\n  });\n\n  var filteredAreas = sortedAreas.filter(function (_ref2) {\n    var width = _ref2.width,\n        height\n        = _ref2.height;\n    return width >= popper.clientWidth && height >= popper.clientHeight;\n  });\n\n  var\n  computedPlacement = filteredAreas.length > 0 ? filteredAreas[0].key : sortedAreas[0].key;\n\n  var variation =\n  placement.split('-')[1];\n\n  return computedPlacement + (variation ? '-' + variation : '');\n}\n\n/**\n * Get offsets to\n * the reference element\n * @method\n * @memberof Popper.Utils\n * @param {Object} state\n * @param\n * {Element} popper - the popper element\n * @param {Element} reference - the reference element (the popper will be\n * relative to this)\n * @param {Element} fixedPosition - is in fixed position mode\n * @returns {Object} An object\n * containing the offsets which will be applied to the popper\n */\nfunction getReferenceOffsets(state, popper,\n  reference) {\n  var fixedPosition = arguments.length > 3 && arguments[3] !== undefined ? arguments[3] :\n  null;\n\n  var commonOffsetParent = fixedPosition ? getFixedPositionOffsetParent(popper) :\n  findCommonOffsetParent(popper, reference);\n\n  return getOffsetRectRelativeToArbitraryNode(reference,\n  commonOffsetParent, fixedPosition);\n}\n\n/**\n * Get the outer sizes of the given element (offset size + margins)\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element\n * @returns {Object} object\n * containing width and height properties\n */\nfunction getOuterSizes(element) {\n  var window =\n  element.ownerDocument.defaultView;\n  var styles = window.getComputedStyle(element);\n  var x =\n  parseFloat(styles.marginTop) + parseFloat(styles.marginBottom);\n  var y = parseFloat(styles.marginLeft) +\n  parseFloat(styles.marginRight);\n  var result = {\n    width: element.offsetWidth + y,\n    height:\n    element.offsetHeight + x\n  };\n  return result;\n}\n\n/**\n * Get the opposite placement of the given one\n * @method\n * @memberof Popper.Utils\n * @argument {String} placement\n * @returns {String} flipped\n * placement\n */\nfunction getOppositePlacement(placement) {\n  var hash = { left: 'right', right: 'left', bottom: 'top',\n  top: 'bottom' };\n  return placement.replace(/left|right|bottom|top/g, function (matched) {\n    return hash[matched];\n  });\n}\n\n/**\n * Get offsets to the popper\n * @method\n * @memberof Popper.Utils\n * @param {Object}

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position - CSS position the Popper will get applied\n * @param {HTMLElement} popper - the popper element\n *
@param {Object} referenceOffsets - the reference offsets (the popper will be relative to this)\n * @param {String}
placement - one of the valid placement options\n * @returns {Object} popperOffsets - An object containing the
offsets which will be applied to the popper\n */\nfunction getPopperOffsets(popper, referenceOffsets, placement)
{\n  placement = placement.split('-')[0];\n\n  // Get popper node sizes\n  var popperRect =
getOuterSizes(popper);\n\n  // Add position, width and height to our offsets object\n  var popperOffsets = {\n
width: popperRect.width,\n  height: popperRect.height\n  };\n\n  // depending by the popper placement we have to
compute its offsets slightly differently\n  var isHoriz = ['right', 'left'].indexOf(placement) !== -1;\n  var mainSide =
isHoriz ? 'top' : 'left';\n  var secondarySide = isHoriz ? 'left' : 'top';\n  var measurement = isHoriz ? 'height' : 'width';\n
var secondaryMeasurement = !isHoriz ? 'height' : 'width';\n  popperOffsets[mainSide] =
referenceOffsets[mainSide] + referenceOffsets[measurement] / 2 - popperRect[measurement] / 2;\n  if (placement
=== secondarySide) {\n    popperOffsets[secondarySide] = referenceOffsets[secondarySide] -
popperRect[secondaryMeasurement];\n  } else {\n    popperOffsets[secondarySide] =
referenceOffsets[getOppositePlacement(secondarySide)];\n  }\n\n  return popperOffsets;\n}\n\n/**\n * Mimics the
`find` method of Array\n * @method\n * @memberof Popper.Utils\n * @argument {Array} arr\n * @argument
prop\n * @argument value\n * @returns index or -1\n */\nfunction find(arr, check) {\n  // use native find if
supported\n  if (Array.prototype.find) {\n    return arr.find(check);\n  }\n\n  // use `filter` to obtain the same behavior
of `find`\n  return arr.filter(check)[0];\n}\n\n/**\n * Return the index of the matching object\n * @method\n *
@memberof Popper.Utils\n * @argument {Array} arr\n * @argument prop\n * @argument value\n * @returns
index or -1\n */\nfunction findIndex(arr, prop, value) {\n  // use native findIndex if supported\n  if
(Array.prototype.findIndex) {\n    return arr.findIndex(function (cur) {\n      return cur[prop] === value;\n    });\n
}\n\n  // use `find` + `indexOf` if `findIndex` isn't supported\n  var match = find(arr, function (obj) {\n    return
obj[prop] === value;\n  });\n  return arr.indexOf(match);\n}\n\n/**\n * Loop trough the list of modifiers and run
them in order,\n * each of them will then edit the data object.\n * @method\n * @memberof Popper.Utils\n *
@param {dataObject} data\n * @param {Array} modifiers\n * @param {String} ends - Optional modifier name
used as stopper\n * @returns {dataObject}\n */\nfunction runModifiers(modifiers, data, ends) {\n  var
modifiersToRun = ends === undefined ? modifiers : modifiers.slice(0, findIndex(modifiers, 'name', ends));\n\n
modifiersToRun.forEach(function (modifier) {\n    if (modifier['function']) {\n      // eslint-disable-line dot-notation\n
      console.warn("`modifier.function` is deprecated, use `modifier.fn`!");\n    }\n    var fn = modifier['function'] ||
modifier.fn; // eslint-disable-line dot-notation\n    if (modifier.enabled && isFunction(fn)) {\n      // Add properties
to offsets to make them a complete clientRect object\n      // we do this before each modifier to make sure the
previous one doesn't\n      // mess with these values\n      data.offsets.popper = getClientRect(data.offsets.popper);\n
      data.offsets.reference = getClientRect(data.offsets.reference);\n      data = fn(data, modifier);\n    }\n  });\n
return data;\n}\n\n/**\n * Updates the position of the popper, computing the new offsets and applying\n * the new
style.<br />\n * Prefer `scheduleUpdate` over `update` because of performance reasons.\n * @method\n *
@memberof Popper\n */\nfunction update() {\n  // if popper is destroyed, don't perform any further update\n  if
(this.state.isDestroyed) {\n    return;\n  }\n\n  var data = {\n    instance: this,\n    styles: {},\n    arrowStyles: {},\n
attributes: {},\n    flipped: false,\n    offsets: {}\n  };\n\n  // compute reference element offsets\n  data.offsets.reference =
getReferenceOffsets(this.state, this.popper, this.reference, this.options.positionFixed);\n\n  // compute auto placement,
store placement inside the data object,\n  // modifiers will be able to edit `placement` if
needed\n  // and refer to originalPlacement to know the original value\n  data.placement =
computeAutoPlacement(this.options.placement, data.offsets.reference, this.popper, this.reference,
this.options.modifiers.flip.boundariesElement, this.options.modifiers.flip.padding);\n\n  // store the computed
placement inside `originalPlacement`\n  data.originalPlacement = data.placement;\n\n  data.positionFixed =
this.options.positionFixed;\n\n  // compute the popper offsets\n  data.offsets.popper = getPopperOffsets(this.popper,
data.offsets.reference, data.placement);\n\n  data.offsets.popper.position = this.options.positionFixed ? 'fixed' :
'absolute';\n\n  // run the modifiers\n  data = runModifiers(this.modifiers, data);\n\n  // the first `update` will call
`onCreate` callback\n  // the other ones will call `onUpdate` callback\n  if (!this.state.isCreated) {\n

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this.state.isCreated = true;\n  this.options.onCreate(data);\n } else {\n  this.options.onUpdate(data);\n
}\n}\n\n/**\n * Helper used to know if the given modifier is enabled.\n * @method\n * @memberof Popper.Utils\n * @returns {Boolean}\n */\nfunction isModifierEnabled(modifiers, modifierName) {\n  return
modifiers.some(function (_ref) {\n    var name = _ref.name,\n        enabled = _ref.enabled;\n    return enabled &&
name === modifierName;\n  });\n}\n\n/**\n * Get the prefixed supported property name\n * @method\n *
@memberof Popper.Utils\n * @argument {String} property (camelCase)\n * @returns {String} prefixed property
(camelCase or PascalCase, depending on the vendor prefix)\n */\nfunction getSupportedPropertyName(property) {\n
var prefixes = [false, 'ms', 'Webkit', 'Moz', 'O'];\n  var upperProp = property.charAt(0).toUpperCase() +
property.slice(1);\n  for (var i = 0; i < prefixes.length; i++) {\n    var prefix = prefixes[i];\n    var toCheck = prefix
? " " + prefix + upperProp : property;\n    if (typeof document.body.style[toCheck] !== 'undefined') {\n    return
toCheck;\n    }\n  }\n  return null;\n}\n\n/**\n * Destroys the popper.\n * @method\n * @memberof Popper\n *
*\nfunction destroy() {\n  this.state.isDestroyed = true;\n  // touch DOM only if `applyStyle` modifier is enabled\n
if (isModifierEnabled(this.modifiers, 'applyStyle')) {\n    this.popper.removeAttribute('x-placement');\n    this.popper.style.position = ";\n    this.popper.style.top = ";\n    this.popper.style.left = ";\n    this.popper.style.right =
";\n    this.popper.style.bottom = ";\n    this.popper.style.willChange = ";\n\n    this.popper.style[getSupportedPropertyName('transform')] = ";\n  }\n  this.disableEventListeners();\n  // remove
the popper if user explicitly asked for the deletion on destroy\n  // do not use `remove` because IE11 doesn't support
it\n  if (this.options.removeOnDestroy) {\n    this.popper.parentNode.removeChild(this.popper);\n  }\n  return
this;\n}\n\n/**\n * Get the window associated with the element\n * @argument {Element} element\n * @returns
{Window}\n */\nfunction getWindow(element) {\n  var ownerDocument = element.ownerDocument;\n  return
ownerDocument ? ownerDocument.defaultView : window;\n}\n\nfunction attachToScrollParents(scrollParent,
event, callback, scrollParents) {\n  var isBody = scrollParent.nodeName === 'BODY';\n  var target = isBody ?
scrollParent.ownerDocument.defaultView : scrollParent;\n  target.addEventListener(event, callback, { passive: true
});\n  if (!isBody) {\n    attachToScrollParents(getScrollParent(target.parentNode), event, callback,
scrollParents);\n  }\n  scrollParents.push(target);\n}\n\n/**\n * Setup needed event listeners used to update the
popper position\n * @method\n * @memberof Popper.Utils\n * @private\n */\nfunction
setupEventListeners(reference, options, state, updateBound) {\n  // Resize event listener on window\n
state.updateBound = updateBound;\n  getWindow(reference).addEventListener('resize', state.updateBound, {
passive: true });\n  // Scroll event listener on scroll parents\n  var scrollElement = getScrollParent(reference);\n
attachToScrollParents(scrollElement, 'scroll', state.updateBound, state.scrollParents);\n  state.scrollElement =
scrollElement;\n  state.eventsEnabled = true;\n  return state;\n}\n\n/**\n * It will add resize/scroll events and start
recalculating\n * position of the popper element when they are triggered.\n * @method\n * @memberof Popper\n *
*\nfunction enableEventListeners() {\n  if (!this.state.eventsEnabled) {\n    this.state =
setupEventListeners(this.reference, this.options, this.state, this.scheduleUpdate);\n  }\n}\n\n/**\n * Remove event
listeners used to update the popper position\n * @method\n * @memberof Popper.Utils\n * @private\n */\nfunction
removeEventListeners(reference, state) {\n  // Remove resize event listener on window\n
getWindow(reference).removeEventListener('resize', state.updateBound);\n  // Remove scroll event listener on
scroll parents\n  state.scrollParents.forEach(function (target) {\n    target.removeEventListener('scroll',
state.updateBound);\n  });\n  // Reset state\n  state.updateBound = null;\n  state.scrollParents = [];\n
state.scrollElement = null;\n  state.eventsEnabled = false;\n  return state;\n}\n\n/**\n * It will remove
resize/scroll\n * events and won't recalculate popper position\n * when they are triggered. It also won't trigger
`onUpdate` callback\n * anymore,\n * unless you call `update` method manually.\n * @method\n * @memberof Popper\n *
*\nfunction disableEventListeners() {\n  if (this.state.eventsEnabled) {\n    cancelAnimationFrame(this.scheduleUpdate);\n
this.state = removeEventListeners(this.reference, this.state);\n  }\n}\n\n/**\n * Tells if a given input is a number\n *
@method\n * @memberof Popper.Utils\n * @param {*} input to check\n * @return {Boolean}\n */\nfunction
isNumeric(n) {\n  return n !== " " && !isNaN(parseFloat(n)) && isFinite(n);\n}\n\n/**\n * Set the style to the given
popper\n * @method\n * @memberof Popper.Utils\n * @argument {Element} element - Element to apply the style
to\n * @argument {Object} styles\n * Object with a list of properties and values which will be applied to the

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element\n *\nfunction setStyles(element, styles) {\n  Object.keys(styles).forEach(function (prop) {\n    var unit =
";\n // add unit if the value is numeric and is one of the following\n if ([ 'width', 'height', 'top', 'right', 'bottom',
'left'].indexOf(prop) !== -1 && isNumeric(styles[prop])) {\n    unit = 'px';\n  }\n  element.style[prop] =
styles[prop] + unit;\n });\n}\n\n/**\n * Set the attributes to the given popper\n * @method\n * @memberof
Popper.Utils\n * @argument {Element} element - Element to apply the attributes to\n * @argument {Object}
styles\n * Object with a list of properties and values which will be applied to the element\n *\nfunction
setAttributes(element, attributes) {\n  Object.keys(attributes).forEach(function (prop) {\n    var value =
attributes[prop];\n    if (value !== false) {\n      element.setAttribute(prop, attributes[prop]);\n    } else {\n
element.removeAttribute(prop);\n    }\n  });\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument
{Object} data - The data object generated by `update` method\n * @argument {Object} data.styles - List of style
properties - values to apply to popper element\n * @argument {Object} data.attributes - List of attribute properties -
values to apply to popper element\n * @argument {Object} options - Modifiers configuration and options\n *
@returns {Object} The same data object\n *\nfunction applyStyle(data) {\n // any property present in `data.styles`
will be applied to the popper,\n // in this way we can make the 3rd party modifiers add custom styles to it\n // Be
aware, modifiers could override the properties defined in the previous\n // lines of this modifier!\n
setStyles(data.instance.popper, data.styles);\n\n // any property present in `data.attributes` will be applied to the
popper,\n // they will be set as HTML attributes of the element\n setAttributes(data.instance.popper,
data.attributes);\n\n // if arrowElement is defined and arrowStyles has some properties\n if (data.arrowElement &&
Object.keys(data.arrowStyles).length) {\n   setStyles(data.arrowElement, data.arrowStyles);\n }\n\n return
data;\n}\n\n/**\n * Set the x-placement attribute before everything else because it could be used\n * to add margins
to the popper margins needs to be calculated to get the\n * correct popper offsets.\n * @method\n * @memberof
Popper.modifiers\n * @param {HTMLElement} reference - The reference element used to position the popper\n *
@param {HTMLElement} popper - The HTML element used as popper\n * @param {Object} options - Popper.js
options\n *\nfunction applyStyleOnLoad(reference, popper, options, modifierOptions, state) {\n // compute
reference element offsets\n var referenceOffsets = getReferenceOffsets(state, popper, reference,
options.positionFixed);\n\n // compute auto placement, store placement inside the data object,\n // modifiers will be
able to edit `placement` if needed\n // and refer to originalPlacement to know the original value\n var placement =
computeAutoPlacement(options.placement, referenceOffsets, popper, reference,
options.modifiers.flip.boundariesElement, options.modifiers.flip.padding);\n\n popper.setAttribute('x-placement',
placement);\n\n // Apply `position` to popper before anything else because\n // without the position applied we
can't guarantee correct computations\n setStyles(popper, { position: options.positionFixed ? 'fixed' : 'absolute'
});\n\n return options;\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument {Object} data - The data
object generated by `update` method\n * @argument {Object} options - Modifiers configuration and options\n *
@returns {Object} The data object, properly modified\n *\nfunction computeStyle(data, options) {\n  var x =
options.x,\n    y = options.y;\n  var popper = data.offsets.popper;\n\n // Remove this legacy support in Popper.js
v2\n\n var legacyGpuAccelerationOption = find(data.instance.modifiers, function (modifier) {\n    return
modifier.name === 'applyStyle';\n  }).gpuAcceleration;\n  if (legacyGpuAccelerationOption !== undefined) {\n
console.warn('WARNING: `gpuAcceleration` option moved to `computeStyle` modifier and will not be supported
in future versions of Popper.js!');\n  }\n  var gpuAcceleration = legacyGpuAccelerationOption !== undefined ?
legacyGpuAccelerationOption : options.gpuAcceleration;\n\n  var offsetParent =
getOffsetParent(data.instance.popper);\n  var offsetParentRect = getBoundingClientRect(offsetParent);\n\n //
Styles\n  var styles = {\n    position: popper.position\n  }; \n\n // Avoid blurry text by using full pixel integers.\n //
For pixel-perfect positioning, top/bottom prefers rounded\n // values, while left/right prefers floored values.\n  var
offsets = {\n    left: Math.floor(popper.left),\n    top: Math.round(popper.top),\n    bottom:
Math.round(popper.bottom),\n    right: Math.floor(popper.right)\n  }; \n\n  var sideA = x === 'bottom' ? 'top' :
'bottom';\n  var sideB = y === 'right' ? 'left' : 'right';\n\n // if gpuAcceleration is set to `true` and transform is
supported,\n // we use `translate3d` to apply the position to the popper we\n // automatically use the supported
prefixed version if needed\n  var prefixedProperty = getSupportedPropertyName('transform');\n\n // now, let's make

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a step back and look at this code closely (wtf?)\n // If the content of the popper grows once it's been positioned, it\n
// may happen that the popper gets misplaced because of the new content\n // overflowing its reference element\n //
To avoid this problem, we provide two options (x and y), which allow\n // the consumer to define the offset
origin.\n // If we position a popper on top of a reference element, we can set\n // `x` to `top` to make the popper
grow towards its top instead of\n // its bottom.\n var left = void 0,\n    top = void 0;\n if (sideA === 'bottom') {\n
// when offsetParent is <html> the positioning is relative to the bottom of the screen (excluding the scrollbar)\n //
and not the bottom of the html element\n if (offsetParent.nodeName === 'HTML') {\n    top = -
offsetParent.clientHeight + offsets.bottom;\n } else {\n    top = -offsetParentRect.height + offsets.bottom;\n }
} else {\n    top = offsets.top;\n }\n if (sideB === 'right') {\n    if (offsetParent.nodeName === 'HTML') {\n    left
= -offsetParent.clientWidth + offsets.right;\n } else {\n    left = -offsetParentRect.width + offsets.right;\n }\n }
else {\n    left = offsets.left;\n }\n if (gpuAcceleration && prefixedProperty) {\n    styles[prefixedProperty] =
'translate3d(' + left + 'px, ' + top + 'px, 0);'\n    styles[sideA] = 0;\n    styles[sideB] = 0;\n    styles.willChange =
'transform';\n } else {\n    // otherwise, we use the standard `top`, `left`, `bottom` and `right` properties\n    var
invertTop = sideA === 'bottom' ? -1 : 1;\n    var invertLeft = sideB === 'right' ? -1 : 1;\n    styles[sideA] = top *
invertTop;\n    styles[sideB] = left * invertLeft;\n    styles.willChange = sideA + ', ' + sideB;\n }\n\n // Attributes\n
var attributes = {\n    'x-placement': data.placement\n };;\n\n // Update `data` attributes, styles and arrowStyles\n
data.attributes = _extends({}, attributes, data.attributes);\n data.styles = _extends({}, styles, data.styles);\n
data.arrowStyles = _extends({}, data.offsets.arrow, data.arrowStyles);\n\n return data;\n}\n\n/**\n * Helper used to
know if the given modifier depends from another one.<br />\n * It checks if the needed modifier is listed and
enabled.\n * @method\n * @memberof Popper.Utils\n * @param {Array} modifiers - list of modifiers\n * @param
{String} requestingName - name of requesting modifier\n * @param {String} requestedName - name of requested
modifier\n * @returns {Boolean}\n */\nfunction isModifierRequired(modifiers, requestingName, requestedName)
{\n    var requesting = find(modifiers, function (_ref) {\n        var name = _ref.name;\n        return name ===
requestingName;\n    });\n\n    var isRequired = !!requesting && modifiers.some(function (modifier) {\n        return
modifier.name === requestedName && modifier.enabled && modifier.order < requesting.order;\n    });\n\n    if
(!isRequired) {\n        var _requesting = '`' + requestingName + '`';\n        var requested = '`' + requestedName +
`';\n        console.warn(requested + ' modifier is required by ' + _requesting + ' modifier in order to work, be sure to include it
before ' + _requesting + '!');\n    }\n\n    return isRequired;\n}\n\n/**\n * @function\n * @memberof Modifiers\n *
@argument {Object} data - The data object generated by update method\n * @argument {Object} options -
Modifiers configuration and options\n * @returns {Object} The data object, properly modified\n */\nfunction
arrow(data, options) {\n    var _data$offsets$arrow;\n\n    // arrow depends on keepTogether in order to work\n    if
(!isModifierRequired(data.instance.modifiers, 'arrow', 'keepTogether')) {\n        return data;\n    }\n\n    var arrowElement
= options.element;\n\n    // if arrowElement is a string, suppose it's a CSS selector\n    if (typeof arrowElement ===
'string') {\n        arrowElement = data.instance.popper.querySelector(arrowElement);\n    }\n\n    // if arrowElement is not
found, don't run the modifier\n    if (!arrowElement) {\n        return data;\n    }\n\n    // if the arrowElement
isn't a query selector we must check that the\n    // provided DOM node is child of its popper node\n    if
(!data.instance.popper.contains(arrowElement)) {\n        console.warn('WARNING: `arrow.element` must be child of
its popper element!');\n        return data;\n    }\n\n    var placement = data.placement.split('-')[0];\n    var
_data$offsets = data.offsets,\n        popper = _data$offsets.popper,\n        reference = _data$offsets.reference;\n\n    var
isVertical = ['left', 'right'].indexOf(placement) !== -1;\n    var len = isVertical ? 'height' : 'width';\n    var
sideCapitalized = isVertical ? 'Top' : 'Left';\n    var side = sideCapitalized.toLowerCase();\n    var altSide = isVertical ?
'left' : 'top';\n    var opSide = isVertical ? 'bottom' : 'right';\n    var arrowElementSize =
getOuterSizes(arrowElement)[len];\n\n    //\n    // extends keepTogether behavior making sure the popper and its\n    //
reference have enough pixels in conjunction\n    //\n    // top/left side\n    if (reference[opSide] - arrowElementSize <
popper[side]) {\n        data.offsets.popper[side] -= popper[side] - (reference[opSide] - arrowElementSize);\n    }\n    //
bottom/right side\n    if (reference[side] + arrowElementSize > popper[opSide]) {\n        data.offsets.popper[side] +=
reference[side] + arrowElementSize - popper[opSide];\n    }\n    data.offsets.popper =
getClientRect(data.offsets.popper);\n\n    // compute center of the popper\n    var center = reference[side] +

```

```

reference[len] / 2 - arrowElementSize / 2;\n\n // Compute the sideValue using the updated popper offsets\n // take
popper margin in account because we don't have this info available\n var css =
getStyleComputedProperty(data.instance.popper);\n var popperMarginSide = parseFloat(css['margin' +
sideCapitalized], 10);\n var popperBorderSide = parseFloat(css['border' + sideCapitalized + 'Width'], 10);\n var
sideValue = center - data.offsets.popper[side] - popperMarginSide - popperBorderSide;\n\n // prevent arrowElement
from being placed not contiguously to its popper\n sideValue = Math.max(Math.min(popper[len] -
arrowElementSize, sideValue), 0);\n\n data.arrowElement = arrowElement;\n data.offsets.arrow =
(_data$offsets$arrow = { }, defineProperty(_data$offsets$arrow, side, Math.round(sideValue)),
defineProperty(_data$offsets$arrow, altSide, '' ), _data$offsets$arrow);\n\n return data;\n}\n\n/**\n * Get the
opposite placement variation of the given one\n * @method\n * @memberof Popper.Utils\n * @argument {String}
placement variation\n * @returns {String} flipped placement variation\n */\nfunction
getOppositeVariation(variation) {\n if (variation === 'end') {\n return 'start';\n } else if (variation === 'start') {\n
return 'end';\n }\n return variation;\n}\n\n/**\n * List of accepted placements to use as values of the `placement`
option.<br />\n * Valid placements are:\n * - `auto`\n * - `top`\n * - `right`\n * - `bottom`\n * - `left`\n * Each
placement can have a variation from this list:\n * - `-start`\n * - `-end`\n * Variations are interpreted easily if you
think of them as the left to right\n * written languages. Horizontally (`top` and `bottom`), `start` is left and `end`
is right.<br />\n * Vertically (`left` and `right`), `start` is top and `end` is bottom.\n * Some valid examples are:\n
* - `top-end` (on top of reference, right aligned)\n * - `right-start` (on right of reference, top aligned)\n * - `bottom`
(on bottom, centered)\n * - `auto-end` (on the side with more space available, alignment depends by placement)\n
*\n * @static\n * @type {Array}\n * @enum {String}\n * @readonly\n * @method placements\n * @memberof
Popper\n */\nvar placements = ['auto-start', 'auto', 'auto-end', 'top-start', 'top', 'top-end', 'right-start', 'right', 'right-end',
'bottom-end', 'bottom', 'bottom-start', 'left-end', 'left', 'left-start'];\n\n// Get rid of `auto` `auto-start` and `auto-
end`\nvar validPlacements = placements.slice(3);\n\n/**\n * Given an initial placement, returns all the subsequent
placements\n * clockwise (or counter-clockwise).\n *\n * @method\n * @memberof Popper.Utils\n * @argument
{String} placement - A valid placement (it accepts variations)\n * @argument {Boolean} counter - Set to true to
walk the placements counterclockwise\n * @returns {Array} placements including their variations\n */\nfunction
clockwise(placement) {\n var counter = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] :
false;\n\n var index = validPlacements.indexOf(placement);\n var arr = validPlacements.slice(index +
1).concat(validPlacements.slice(0, index));\n return counter ? arr.reverse() : arr;\n}\n\nvar BEHAVIORS = {\n
FLIP: 'flip',\n CLOCKWISE: 'clockwise',\n COUNTERCLOCKWISE: 'counterclockwise'\n};\n\n/**\n *
@function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated by update
method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object} The data
object, properly modified\n */\nfunction flip(data, options) {\n // if `inner` modifier is enabled, we can't use the
`flip` modifier\n if (isModifierEnabled(data.instance.modifiers, 'inner')) {\n return data;\n }\n\n if (data.flipped
&& data.placement === data.originalPlacement) {\n // seems like flip is trying to loop, probably there's not
enough space on any of the flippable sides\n return data;\n }\n\n var boundaries =
getBoundaries(data.instance.popper, data.instance.reference, options.padding, options.boundariesElement,
data.positionFixed);\n\n var placement = data.placement.split('-')[0];\n var placementOpposite =
getOppositePlacement(placement);\n var variation = data.placement.split('-')[1] || '';\n var flipOrder = [];\n\n switch (options.behavior) {\n case BEHAVIORS.FLIP:\n flipOrder = [placement, placementOpposite];\n break;\n case BEHAVIORS.CLOCKWISE:\n flipOrder = clockwise(placement);\n break;\n case
BEHAVIORS.COUNTERCLOCKWISE:\n flipOrder = clockwise(placement, true);\n break;\n default:\n flipOrder = options.behavior;\n }\n\n flipOrder.forEach(function (step, index) {\n if (placement !== step ||
flipOrder.length === index + 1) {\n return data;\n }\n\n placement = data.placement.split('-')[0];\n
placementOpposite = getOppositePlacement(placement);\n\n var popperOffsets = data.offsets.popper;\n var
refOffsets = data.offsets.reference;\n\n // using floor because the reference offsets may contain decimals we are not
going to consider here\n var floor = Math.floor;\n var overlapsRef = placement === 'left' &&
floor/popperOffsets.right) > floor(refOffsets.left) || placement === 'right' && floor/popperOffsets.left) <

```



```

floor(refOffsets.right) || placement === 'top' && floor/popperOffsets.bottom) > floor(refOffsets.top) || placement
=== 'bottom' && floor/popperOffsets.top) < floor(refOffsets.bottom);\n\n  var overflowsLeft =
floor/popperOffsets.left) < floor(boundaries.left);\n  var overflowsRight = floor/popperOffsets.right) >
floor(boundaries.right);\n  var overflowsTop = floor/popperOffsets.top) < floor(boundaries.top);\n  var
overflowsBottom = floor/popperOffsets.bottom) > floor(boundaries.bottom);\n\n  var overflowsBoundaries =
placement === 'left' && overflowsLeft || placement === 'right' && overflowsRight || placement === 'top' &&
overflowsTop || placement === 'bottom' && overflowsBottom;\n\n  // flip the variation if required\n  var
isVertical = ['top', 'bottom'].indexOf(placement) !== -1;\n  var flippedVariation = !options.flipVariations &&
(isVertical && variation === 'start' && overflowsLeft || isVertical && variation === 'end' && overflowsRight ||
!isVertical && variation === 'start' && overflowsTop || !isVertical && variation === 'end' &&
overflowsBottom);\n\n  if (overlapsRef || overflowsBoundaries || flippedVariation) {\n    // this boolean to detect
any flip loop\n    data.flipped = true;\n\n    if (overlapsRef || overflowsBoundaries) {\n      placement =
flipOrder[index + 1];\n    }\n\n    if (flippedVariation) {\n      variation = getOppositeVariation(variation);\n    }\n\n    data.placement = placement + (variation ? '-' + variation : '');\n\n    // this object contains `position`, we
want to preserve it along with\n    // any additional property we may add in the future\n    data.offsets.popper =
_extends({}, data.offsets.popper, getPopperOffsets(data.instance.popper, data.offsets.reference,
data.placement));\n\n    data = runModifiers(data.instance.modifiers, data, 'flip');\n  }\n  }\n  return
data;\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated
by update method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object}\n
The data object, properly modified\n */\nfunction keepTogether(data) {\n  var _data$offsets = data.offsets,\n
popper = _data$offsets.popper,\n  reference = _data$offsets.reference;\n\n  var placement = data.placement.split('-')[0];\n
var floor = Math.floor;\n  var isVertical = ['top', 'bottom'].indexOf(placement) !== -1;\n  var side =
isVertical ? 'right' : 'bottom';\n  var opSide = isVertical ? 'left' : 'top';\n  var measurement = isVertical ? 'width' :
'height';\n\n  if (popper[side] < floor(reference[opSide])) {\n    data.offsets.popper[opSide] =
floor(reference[opSide]) - popper[measurement];\n  }\n  if (popper[opSide] > floor(reference[side])) {\n
data.offsets.popper[opSide] = floor(reference[side]);\n  }\n\n  return data;\n}\n\n/**\n * Converts a string containing
value + unit into a px value number\n * @function\n * @memberof {modifiers~offset}\n * @private\n *
@argument {String} str - Value + unit string\n * @argument {String} measurement - `height` or `width`\n *
@argument {Object} popperOffsets\n * @argument {Object} referenceOffsets\n * @returns {Number|String}\n *
Value in pixels, or original string if no values were extracted\n */\nfunction toValue(str, measurement,
popperOffsets, referenceOffsets) {\n  // separate value from unit\n  var split = str.match(/^(?:\|-
\|+)?\d*\.\d*(.*)$/);\n  var value = +split[1];\n  var unit = split[2];\n\n  // If it's not a number it's an operator, I
guess\n  if (!value) {\n    return str;\n  }\n\n  if (unit.indexOf('%') === 0) {\n    var element = void 0;\n    switch
(unit) {\n      case '%p':\n        element = popperOffsets;\n        break;\n      case '%r':\n        case '%a':\n        default:\n        element = referenceOffsets;\n      }\n\n      var rect = getClientRect(element);\n      return rect[measurement] / 100 *
value;\n    } else if (unit === 'vh' || unit === 'vw') {\n      // if is a vh or vw, we calculate the size based on the
viewport\n      var size = void 0;\n      if (unit === 'vh') {\n        size =
Math.max(document.documentElement.clientHeight, window.innerHeight || 0);\n      } else {\n        size =
Math.max(document.documentElement.clientWidth, window.innerWidth || 0);\n      }\n      return size / 100 * value;\n
    } else {\n      // if is an explicit pixel unit, we get rid of the unit and keep the value\n      // if is an implicit unit, it's px,
and we return just the value\n      return value;\n    }\n  }\n}\n\n/**\n * Parse an `offset` string to extrapolate `x` and `y`
numeric offsets.\n * @function\n * @memberof {modifiers~offset}\n * @private\n * @argument {String} offset\n *
@argument {Object} popperOffsets\n * @argument {Object} referenceOffsets\n * @argument {String}
basePlacement\n * @returns {Array} a two cells array with x and y offsets in numbers\n */\nfunction
parseOffset(offset, popperOffsets, referenceOffsets, basePlacement) {\n  var offsets = [0, 0];\n\n  // Use height if
placement is left or right and index is 0 otherwise use width\n  // in this way the first offset will use an axis and the
second one\n  // will use the other one\n  var useHeight = ['right', 'left'].indexOf(basePlacement) !== -1;\n\n  // Split
the offset string to obtain a list of values and operands\n  // The regex addresses values with the plus or minus sign

```

```

in front (+10, -20, etc)\n var fragments = offset.split(/(\\+|\\-)/).map(function (frag) {\n return frag.trim();\n
});\n\n // Detect if the offset string contains a pair of values or a single one\n // they could be separated by comma
or space\n var divider = fragments.indexOf(find(fragments, function (frag) {\n return frag.search(/,|\\s/) !== -1;\n
}));\n\n if (fragments[divider] && fragments[divider].indexOf(',') === -1) {\n console.warn('Offsets separated by
white space(s) are deprecated, use a comma (,) instead.);\n }\n\n // If divider is found, we divide the list of values
and operands to divide\n // them by ofset X and Y.\n var splitRegex = /^\\s*,\\s*|\\s+;/\n var ops = divider !== -1 ?
[fragments.slice(0, divider).concat([fragments[divider].split(splitRegex)[0]]),
[fragments[divider].split(splitRegex)[1]].concat(fragments.slice(divider + 1))]: [fragments];\n\n // Convert the
values with units to absolute pixels to allow our computations\n ops = ops.map(function (op, index) {\n // Most of
the units rely on the orientation of the popper\n var measurement = (index === 1 ? !useHeight : useHeight) ?
'height' : 'width';\n var mergeWithPrevious = false;\n return op\n // This aggregates any `+` or `-` sign that
aren't considered operators\n // e.g.: 10 + +5 => [10, +, +5]\n .reduce(function (a, b) {\n if (a[a.length - 1]
=== "+" && ['+', '-'].indexOf(b) !== -1) {\n a[a.length - 1] = b;\n mergeWithPrevious = true;\n return a;\n
} else if (mergeWithPrevious) {\n a[a.length - 1] += b;\n mergeWithPrevious = false;\n return a;\n
} else {\n return a.concat(b);\n }\n }, [])\n // Here we convert the string values into number values (in
px)\n .map(function (str) {\n return toValue(str, measurement, popperOffsets, referenceOffsets);\n });\n
});\n\n // Loop trough the offsets arrays and execute the operations\n ops.forEach(function (op, index) {\n
op.forEach(function (frag, index2) {\n if (isNumeric(frag)) {\n offsets[index] += frag * (op[index2 - 1] ===
'-' ? -1 : 1);\n }\n });\n });\n return offsets;\n})\n\n**\n * @function\n * @memberof Modifiers\n *
@argument {Object} data - The data object generated by update method\n * @argument {Object} options -
Modifiers configuration and options\n * @argument {Number|String} options.offset=0\n * The offset value as
described in the modifier description\n * @returns {Object} The data object, properly modified\n *\nfunction
offset(data, _ref) {\n var offset = _ref.offset;\n var placement = data.placement,\n _data$offsets = data.offsets,\n
popper = _data$offsets.popper,\n reference = _data$offsets.reference;\n\n var basePlacement =
placement.split('-')[0];\n\n var offsets = void 0;\n if (isNumeric(+offset)) {\n offsets = [+offset, 0];\n } else {\n
offsets = parseOffset(offset, popper, reference, basePlacement);\n }\n\n if (basePlacement === 'left') {\n
popper.top += offsets[0];\n popper.left -= offsets[1];\n } else if (basePlacement === 'right') {\n popper.top +=
offsets[0];\n popper.left += offsets[1];\n } else if (basePlacement === 'top') {\n popper.left += offsets[0];\n
popper.top -= offsets[1];\n } else if (basePlacement === 'bottom') {\n popper.left += offsets[0];\n popper.top +=
offsets[1];\n }\n\n data.popper = popper;\n return data;\n})\n\n**\n * @function\n * @memberof Modifiers\n *
@argument {Object} data - The data object generated by `update` method\n * @argument {Object} options -
Modifiers configuration and options\n * @returns {Object} The data object, properly modified\n *\nfunction
preventOverflow(data, options) {\n var boundariesElement = options.boundariesElement ||
getOffsetParent(data.instance.popper);\n\n // If offsetParent is the reference element, we really want to\n // go one
step up and use the next offsetParent as reference to\n // avoid to make this modifier completely useless and look
like broken\n if (data.instance.reference === boundariesElement) {\n boundariesElement =
getOffsetParent(boundariesElement);\n }\n\n // NOTE: DOM access here\n // resets the popper's position so that
the document size can be calculated excluding\n // the size of the popper element itself\n var transformProp =
getSupportedPropertyName('transform');\n var popperStyles = data.instance.popper.style; // assignment to help
minification\n var top = popperStyles.top,\n left = popperStyles.left,\n transform =
popperStyles[transformProp];\n\n popperStyles.top = ";\n popperStyles.left = ";\n popperStyles[transformProp] =
";\n\n var boundaries = getBoundaries(data.instance.popper, data.instance.reference, options.padding,
boundariesElement, data.positionFixed);\n\n // NOTE: DOM access here\n // restores the original style properties
after the offsets have been computed\n popperStyles.top = top;\n popperStyles.left = left;\n
popperStyles[transformProp] = transform;\n\n options.boundaries = boundaries;\n\n var order = options.priority;\n
var popper = data.offsets.popper;\n\n var check = {\n primary: function primary(placement) {\n var value =
popper[placement];\n if (popper[placement] < boundaries[placement] && !options.escapeWithReference) {\n
value = Math.max(popper[placement], boundaries[placement]);\n }\n return defineProperty({}, placement,

```

```

value);\n },\n secondary: function secondary(placement) {\n var mainSide = placement === 'right' ? 'left' :
'top';\n var value = popper[mainSide];\n if (popper[placement] > boundaries[placement] &&
!options.escapeWithReference) {\n value = Math.min(popper[mainSide], boundaries[placement] - (placement
=== 'right' ? popper.width : popper.height));\n }\n return defineProperty({}, mainSide, value);\n }\n};\n\n
order.forEach(function (placement) {\n var side = ['left', 'top'].indexOf(placement) !== -1 ? 'primary' :
'secondary';\n popper = _extends({}, popper, check[side](placement));\n });\n\n data.offsets.popper = popper;\n\n
return data;\n}\n\n/**\n * @function\n * @memberof Modifiers\n * @argument {Object} data - The data object
generated by `update` method\n * @argument {Object} options - Modifiers configuration and options\n * @returns
{Object} The data object, properly modified\n */\nfunction shift(data) {\n var placement = data.placement;\n var
basePlacement = placement.split('-')[0];\n var shiftVariation = placement.split('-')[1];\n\n // if shift shiftVariation is
specified, run the modifier\n if (shiftVariation) {\n var _data$offsets = data.offsets,\n reference =
_data$offsets.reference,\n popper = _data$offsets.popper;\n\n var isVertical = ['bottom',
'top'].indexOf(basePlacement) !== -1;\n var side = isVertical ? 'left' : 'top';\n var measurement = isVertical ?
'width' : 'height';\n\n var shiftOffsets = {\n start: defineProperty({}, side, reference[side]),\n end:
defineProperty({}, side, reference[side] + reference[measurement] - popper[measurement])\n };;\n\n
data.offsets.popper = _extends({}, popper, shiftOffsets[shiftVariation]);\n }\n\n return data;\n}\n\n/**\n *
@function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated by update
method\n * @argument {Object} options - Modifiers configuration and options\n * @returns {Object} The data
object, properly modified\n */\nfunction hide(data) {\n if (!isModifierRequired(data.instance.modifiers, 'hide',
'preventOverflow')) {\n return data;\n }\n\n var refRect = data.offsets.reference;\n var bound =
find(data.instance.modifiers, function (modifier) {\n return modifier.name === 'preventOverflow';\n
}).boundaries;\n\n if (refRect.bottom < bound.top || refRect.left > bound.right || refRect.top > bound.bottom ||
refRect.right < bound.left) {\n // Avoid unnecessary DOM access if visibility hasn't changed\n if (data.hide ===
true) {\n return data;\n }\n\n data.hide = true;\n data.attributes['x-out-of-boundaries'] = '';\n } else {\n //
Avoid unnecessary DOM access if visibility hasn't changed\n if (data.hide === false) {\n return data;\n }\n\n
data.hide = false;\n data.attributes['x-out-of-boundaries'] = false;\n }\n\n return data;\n}\n\n/**\n *
@function\n * @memberof Modifiers\n * @argument {Object} data - The data object generated by `update` method\n *
@argument {Object} options - Modifiers configuration and options\n * @returns {Object} The data object, properly
modified\n */\nfunction inner(data) {\n var placement = data.placement;\n var basePlacement = placement.split('-')
[0];\n var _data$offsets = data.offsets,\n popper = _data$offsets.popper,\n reference =
_data$offsets.reference;\n\n var isHoriz = ['left', 'right'].indexOf(basePlacement) !== -1;\n\n var subtractLength =
['top', 'left'].indexOf(basePlacement) === -1;\n\n popper[isHoriz ? 'left' : 'top'] = reference[basePlacement] -
(subtractLength ? popper[isHoriz ? 'width' : 'height'] : 0);\n\n data.placement = getOppositePlacement(placement);\n
data.offsets.popper = getClientRect(popper);\n\n return data;\n}\n\n/**\n * Modifier function, each modifier can
have a function of this type assigned\n * to its `fn` property.<br />\n * These functions will be called on each update,
this means that you must\n * make sure they are performant enough to avoid performance bottlenecks.\n */\n *
@function ModifierFn\n * @argument {dataObject} data - The data object generated by `update` method\n *
@argument {Object} options - Modifiers configuration and options\n * @returns {dataObject} The data object,
properly modified\n */\n\n/**\n * Modifiers are plugins used to alter the behavior of your poppers.<br />\n *
Popper.js uses a set of 9 modifiers to provide all the basic functionalities\n * needed by the library.\n */\n * Usually
you don't want to override the `order`, `fn` and `onLoad` props.\n * All the other properties are configurations that
could be tweaked.\n */\n * @namespace modifiers\n */\nvar modifiers = {\n /**\n * Modifier used to shift the popper
on the start or end of its reference\n * element.<br />\n * It will read the variation of the `placement` property.<br
/>\n * It can be one either `end` or `start`.\n */\n * @memberof modifiers\n * @inner\n */\n shift: {\n /**
@prop {number} order=100 - Index used to define the order of execution\n */\n order: 100,\n /** @prop
{Boolean} enabled=true - Whether the modifier is enabled or not\n */\n enabled: true,\n /** @prop {ModifierFn}
*/\n fn: shift\n },\n\n /**\n * The `offset` modifier can shift your popper on both its axis.\n */\n * It accepts the
following units:\n * - `px` or unit-less, interpreted as pixels\n * - `%` or `%r`, percentage relative to the length of

```

the reference element `%p``, percentage relative to the length of the popper element `%vw``, CSS viewport width unit `%vh``, CSS viewport height unit `%v``. For length is intended the main axis relative to the placement of the popper.

This means that if the placement is `top`` or `bottom``, the length will be the `width``. In case of `left`` or `right``, it will be the `height``.

You can provide a single value (as `Number`` or `String``), or a pair of values as `String`` divided by a comma or one (or more) white spaces.

The latter is a deprecated method because it leads to confusion and will be removed in v2.

Additionally, it accepts additions and subtractions between different units.

Note that multiplications and divisions aren't supported.

Valid examples are:

```
10
'10%'
'10, 10'
'10%', 10
'10 + 10%'
'10 - 5vh + 3%'
'-10px + 5vh, 5px - 6%'
```

If you desire to apply offsets to your poppers in a way that may make them overlap with their reference element, unfortunately, you will have to disable the `flip`` modifier.

You can read more on this at this [issue](<https://github.com/FezVrasta/popper.js/issues/373>).

### @memberof modifiers

#### @inner

`offset`: `{ number }` `order=200` - Index used to define the order of execution `order: 200`

`enabled`: `Boolean` `enabled=true` - Whether the modifier is enabled or not `enabled: true`

`fn`: `ModifierFn` `fn: offset`

`offset`: `{ Number|String }` `offset=0` - The offset value as described in the modifier description `offset: 0`

`preventOverflow`: `{ number }` - Modifier used to prevent the popper from being positioned outside the boundary.

A scenario exists where the reference itself is not within the boundaries.

We can say it has `"escaped the boundaries"` — or just `"escaped"`.

In this case we need to decide whether the popper should either:

- detach from the reference and remain `"trapped"` in the boundaries, or
- if it should ignore the boundary and `"escape with its reference"`

When `escapeWithReference`` is set to `true`` and reference is completely outside its boundaries, the popper will overflow (or completely leave) the boundaries in order to remain attached to the edge of the reference.

### @memberof modifiers

#### @inner

`preventOverflow`: `{ number }` `order=300` - Index used to define the order of execution `order: 300`

`enabled`: `Boolean` `enabled=true` - Whether the modifier is enabled or not `enabled: true`

`fn`: `ModifierFn` `fn: preventOverflow`

`priority`: `Array` `priority=['left', 'right', 'top', 'bottom']` - Popper will try to prevent overflow following these priorities by default, then, it could overflow on the left and on top of the boundariesElement

`padding`: `number` `padding=5` - Amount of pixel used to define a minimum distance between the boundaries and the popper. This makes sure the popper always has a little padding between the edges of its container

`padding`: `String|HTMLElement` `padding: 5`

`boundariesElement`: `'scrollParent'|'window'|'viewport'` or any DOM element. `boundariesElement: 'scrollParent'`

Boundaries used by the modifier. Can be `scrollParent``, `window``, `viewport`` or any DOM element.

`boundariesElement: 'scrollParent'`

Modifier used to make sure the reference and its popper stay near each other without leaving any gap between the two. Especially useful when the arrow is enabled and you want to ensure that it points to its reference element.

It cares only about the first axis. You can still have poppers with margin between the popper and its reference element.

### @memberof modifiers

#### @inner

`keepTogether`: `{ number }` `order=400` - Index used to define the order of execution `order: 400`

`enabled`: `Boolean` `enabled=true` - Whether the modifier is enabled or not `enabled: true`

`fn`: `ModifierFn` `fn: keepTogether`

This modifier is used to move the `arrowElement`` of the popper to make sure it is positioned between the reference element and its popper element.

It will read the outer size of the `arrowElement`` node to detect how many pixels of conjunction are needed.

It has no effect if no `arrowElement`` is provided.

### @memberof modifiers

#### @inner

`arrow`: `{ number }` `order=500` - Index used to define the order of execution `order: 500`

`enabled`: `Boolean` `enabled=true` - Whether the modifier is enabled or not `enabled: true`

`fn`: `ModifierFn` `fn: arrow`

`element`: `String|HTMLElement` `element='[x-arrow]'` - Selector or node used as arrow `element: '[x-arrow]'`

Modifier used to flip the popper's placement when it starts to overlap its reference element.

Requires the `preventOverflow`` modifier before it in order to work.

**NOTE**: this modifier will interrupt the current update cycle and will restart it if it detects the need to flip the placement.

### @memberof modifiers

`@inner` `flip`: `{` `number` `order=600` - Index used to define the order of execution `*` `order: 600`, `enabled=true` - Whether the modifier is enabled or not `*` `enabled: true`, `fn: flip`, `behavior='flip'` `*` The behavior used to change the popper's placement. It can be one of `'flip'`, `'clockwise'`, `'counterclockwise'` or an array with a list of valid placements (with optional variations) `*` `behavior: 'flip'`, `padding=5` `*` The popper will flip if it hits the edges of the `'boundariesElement'` `*` `padding: 5`, `boundariesElement='viewport'` `*` The element which will define the boundaries of the popper position. `*` The popper will never be placed outside of the defined boundaries (except if `'keepTogether'` is enabled) `*` `boundariesElement: 'viewport'` `*` Modifier used to make the popper flow toward the inner of the reference element. `*` By default, when this modifier is disabled, the popper will be placed outside the reference element. `*` `inner`: `{` `number` `order=700` - Index used to define the order of execution `*` `order: 700`, `enabled=false` - Whether the modifier is enabled or not `*` `enabled: false`, `fn: inner` `*` Modifier used to hide the popper when its reference element is outside of the popper boundaries. It will set a `'x-out-of-boundaries'` attribute which can be used to hide with a CSS selector the popper when its reference is out of boundaries. `*` `preventOverflow` `*` Requires the `'preventOverflow'` modifier before it in order to work. `*` `hide`: `{` `number` `order=800` - Index used to define the order of execution `*` `order: 800`, `enabled=true` - Whether the modifier is enabled or not `*` `enabled: true`, `fn: hide` `*` Computes the style that will be applied to the popper element to get it properly positioned. `*` Note that this modifier will not touch the DOM, it just prepares the styles so that `'applyStyle'` modifier can apply it. This separation is useful in case you need to replace `'applyStyle'` with a custom implementation. `*` This modifier has `'850'` as `'order'` value to maintain backward compatibility with previous versions of Popper.js. Expect the modifiers ordering method to change in future major versions of the library. `*` `computeStyle`: `{` `number` `order=850` - Index used to define the order of execution `*` `order: 850`, `enabled=true` - Whether the modifier is enabled or not `*` `enabled: true`, `fn: computeStyle`, `gpuAcceleration=true` `*` If true, it uses the CSS 3D transformation to position the popper. `*` Otherwise, it will use the `'top'` and `'left'` properties `*` `gpuAcceleration: true`, `x='bottom'` `*` Where to anchor the X axis (`'bottom'` or `'top'`). AKA X offset origin. `*` Change this if your popper should grow in a direction different from `'bottom'` `*` `x: 'bottom'`, `x='left'` `*` Where to anchor the Y axis (`'left'` or `'right'`). AKA Y offset origin. `*` Change this if your popper should grow in a direction different from `'right'` `*` `y: 'right'` `*` Applies the computed styles to the popper element. `*` All the DOM manipulations are limited to this modifier. This is useful in case you want to integrate Popper.js inside a framework or view library and you want to delegate all the DOM manipulations to it. `*` Note that if you disable this modifier, you must make sure the popper element has its position set to `'absolute'` before Popper.js can do its work! `*` Just disable this modifier and define your own to achieve the desired effect. `*` `applyStyle`: `{` `number` `order=900` - Index used to define the order of execution `*` `order: 900`, `enabled=true` - Whether the modifier is enabled or not `*` `enabled: true`, `fn: applyStyle`, `onLoad: applyStyleOnLoad`, `gpuAcceleration=true` `*` If true, it uses the CSS 3D transformation to position the popper. `*` Otherwise, it will use the `'top'` and `'left'` properties `*` `gpuAcceleration: undefined` `*` The `'dataObject'` is an object containing all the information used by Popper.js. `*` This object is passed to modifiers and to the `'onCreate'` and `'onUpdate'` callbacks. `*` `dataObject` `*` `data.instance` The Popper.js instance `*` `data.placement` Placement applied to popper `*` `data.originalPlacement` Placement originally defined on init `*` `data.flipped` True if popper

has been flipped by flip modifier

- `@property {Boolean} data.hide` True if the reference element is out of boundaries, useful to know when to hide the popper
- `@property {HTMLElement} data.arrowElement` Node used as arrow by arrow modifier
- `@property {Object} data.styles` Any CSS property defined here will be applied to the popper. It expects the JavaScript nomenclature (eg. ``marginBottom``)
- `@property {Object} data.arrowStyles` Any CSS property defined here will be applied to the popper arrow. It expects the JavaScript nomenclature (eg. ``marginBottom``)
- `@property {Object} data.boundaries` Offsets of the popper boundaries
- `@property {Object} data.offsets` The measurements of popper, reference and arrow elements
- `@property {Object} data.offsets.popper` ``top``, ``left``, ``width``, ``height`` values
- `@property {Object} data.offsets.reference` ``top``, ``left``, ``width``, ``height`` values
- `@property {Object} data.offsets.arrow` ``top`` and ``left`` offsets, only one of them will be different from 0

`^` Default options provided to Popper.js constructor.

`<br />` These can be overridden using the ``options`` argument of Popper.js.

`<br />` To override an option, simply pass an object with the same structure of the ``options`` object, as the 3rd argument. For example:

```
new Popper(ref, pop, {
  modifiers: {
    preventOverflow: { enabled: false }
  }
})
```

`@type {Object}` `@static` `@memberof Popper`

```
Defaults = {
  /**
   * Popper's placement.
   * @prop {Popper.placements} placement='bottom'
   * ^
   * placement: 'bottom',
   *
   * Set this to true if you want popper to position it self in 'fixed' mode
   * @prop {Boolean} positionFixed=false
   * ^
   * positionFixed: false,
   *
   * Whether events (resize, scroll) are initially enabled.
   * @prop {Boolean} eventsEnabled=true
   * ^
   * eventsEnabled: true,
   *
   * Set to true if you want to automatically remove the popper when
   * you call the `destroy` method.
   * @prop {Boolean} removeOnDestroy=false
   * ^
   * removeOnDestroy: false,
   *
   * Callback called when the popper is created.
   * @prop {Function} onCreate
   * ^
   * onCreate: function onCreate() {},
   *
   * Callback called when the popper is updated. This callback is not called
   * on the initialization/creation of the popper, but only on subsequent
   * updates.
   * @prop {Function} onUpdate
   * ^
   * onUpdate: function onUpdate() {},
   *
   * List of modifiers used to modify the offsets before they are applied to the popper.
   * They provide most of the functionalities of Popper.js.
   * @prop {Array} modifiers
   * ^
   * modifiers: modifiers;
   *
   * @callback onCreate
   * @param {dataObject} data
   *
   * @callback onUpdate
   * @param {dataObject} data
   *
   * Uils
   * Methods
   */
  Popper = function () {
    /**
     * Creates a new Popper.js instance.
     * @class Popper
     * @param {HTMLElement|referenceObject} reference - The reference element used to position the popper
     * @param {HTMLElement} popper - The HTML element used as the popper
     * @param {Object} options - Your custom options to override the ones defined in [Defaults](#defaults)
     * @return {Object} instance - The generated Popper.js instance
     */
    function Popper(reference, popper) {
      var _this = this;

      var options = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : {};
      classCallCheck(this, Popper);

      this.scheduleUpdate = function () {
        return requestAnimationFrame(_this.update);
      };

      // make update() debounced, so that it only runs at most once-per-tick
      this.update = debounce(this.update.bind(this));

      // with {} we create a new object with the options inside it
      this.options = _extends({}, Popper.Defaults, options);

      // init state
      this.state = {
        isDestroyed: false,
        isCreated: false,
        scrollParents: []
      };

      // get reference and popper elements (allow jQuery wrappers)
      this.reference = reference && reference.jquery ? reference[0] : reference;
      this.popper = popper && popper.jquery ? popper[0] : popper;

      // Deep merge modifiers options
      this.options.modifiers = {};
      Object.keys(_extends({}, Popper.Defaults.modifiers, options.modifiers)).forEach(function (name) {
        _this.options.modifiers[name] = _extends({}, Popper.Defaults.modifiers[name] || {}, options.modifiers ? options.modifiers[name] : {});
      });

      // Refactoring modifiers' list (Object => Array)
      this.modifiers = Object.keys(this.options.modifiers).map(function (name) {
        return _extends({
          name: name
        }, _this.options.modifiers[name]);
      })
      // sort the modifiers by order
      .sort(function (a, b) {
        return a.order - b.order;
      });

      // modifiers have the ability to execute arbitrary code when Popper.js get inited
      // such code is executed in the same order of its modifier
      // they could add new properties to their options configuration
      // BE AWARE: don't add options to `options.modifiers.name` but to `modifierOptions`!
      this.modifiers.forEach(function (modifierOptions) {
        if

```

```

(modifierOptions.enabled && isFunction(modifierOptions.onLoad)) {\n
modifierOptions.onLoad(_this.reference, _this.popper, _this.options, modifierOptions, _this.state);\n  }\n  });\n\n  // fire the first update to position the popper in the right place\n  this.update();\n\n  var eventsEnabled =\n  this.options.eventsEnabled;\n  if (eventsEnabled) {\n    // setup event listeners, they will take care of update the\n    position in specific situations\n    this.enableEventListeners();\n  }\n  this.state.eventsEnabled =\n  eventsEnabled;\n}\n\n// We can't use class properties because they don't get listed in the\n// class prototype and\nbreak stuff like Sinon stubs\n\ncreateClass(Popper, [{\n  key: 'update',\n  value: function update$$1() {\n    return update.call(this);\n  }\n}, {\n  key: 'destroy',\n  value: function destroy$$1() {\n    return\n    destroy.call(this);\n  }\n}, {\n  key: 'enableEventListeners',\n  value: function enableEventListeners$$1() {\n    return enableEventListeners.call(this);\n  }\n}, {\n  key: 'disableEventListeners',\n  value: function\n  disableEventListeners$$1() {\n    return disableEventListeners.call(this);\n  }\n}]\n  /*\n   * Schedules an\n   update. It will run on the next UI update available.\n   * @method scheduleUpdate\n   * @memberof Popper\n\n  *\n  * Collection of utilities useful when writing custom modifiers.\n  * Starting from version 1.7,\n  this method is available only if you\n  * include `popper-utils.js` before `popper.js`.\n  *\n  **\n  * DEPRECATION*: This way to access PopperUtils is deprecated\n  * and will be removed in v2! Use the\n  PopperUtils module directly instead.\n  * Due to the high instability of the methods contained in Utils, we can't\n  * guarantee them to follow semver. Use them at your own risk!\n  * @static\n  * @private\n  * @type\n  {Object}\n  * @deprecated since version 1.8\n  * @member Utils\n  * @memberof Popper\n  */\n  return Popper;\n}());\n\n/*\n * The `referenceObject` is an object that provides an interface compatible with\n  Popper.js\n * and lets you use it as replacement of a real DOM node.<br />\n * You can use this method to position\n  a popper relatively to a set of coordinates\n * in case you don't have a DOM node to use as reference.\n *\n * `new Popper(referenceObject, popperNode);\n *\n * NB: This feature isn't supported in Internet Explorer\n  10.\n * @name referenceObject\n * @property {Function} data.getBoundingClientRect\n * A function that returns a\n  set of coordinates compatible with the native `getBoundingClientRect` method.\n * @property {number}\n  data.clientWidth\n * An ES6 getter that will return the width of the virtual reference element.\n * @property\n  {number} data.clientHeight\n * An ES6 getter that will return the height of the virtual reference element.\n *\n  */\n  Popper.Utils = (typeof window !== 'undefined' ? window : global).PopperUtils;\n  Popper.placements =\n  placements;\n  Popper.Defaults = Defaults;\n}\nexport default Popper;\n\n//\nsourceMappingURL=popper.js.map\n", "use strict";\n\nvar isValue = require('./is-value');\n\nvar forEach =\n  Array.prototype.forEach, create = Object.create;\n\nvar process = function (src, obj) {\n  for (key in src)\n  obj[key] = src[key];\n};\n\n// eslint-disable-next-line no-unused-vars\nmodule.exports = function (opts / *,\n  ...options*) {\n  var result = create(null);\n  forEach.call(arguments, function (options) {\n    if (!isValue(options))\n    return;\n    process(Object(options), result);\n  });\n  return result;\n};\n\n/** Used to detect hot functions by\n  number of calls within a span of milliseconds. */\nvar HOT_COUNT = 800,\n  HOT_SPAN = 16;\n\n/* Built-in\n  method references for those with the same name as other `lodash` methods. */\nvar nativeNow = Date.now;\n\n/*\n * Creates a function that'll short out and invoke `identity` instead\n * of `func` when it's called `HOT_COUNT` or\n  more times in `HOT_SPAN`\n  * milliseconds.\n  *\n  * @private\n  * @param {Function} func The function to\n  restrict.\n  * @returns {Function} Returns the new shortable function.\n  */\nfunction shortOut(func) {\n  var count =\n  0,\n  lastCalled = 0;\n\n  return function() {\n    var stamp = nativeNow(),\n        remaining = HOT_SPAN -\n        (stamp - lastCalled);\n\n    lastCalled = stamp;\n    if (remaining > 0) {\n      if (++count >= HOT_COUNT) {\n        return arguments[0];\n      }\n    } else {\n      count = 0;\n      return func.apply(undefined, arguments);\n    }\n  };\n}\n\nmodule.exports = shortOut;\n\nvar isSymbol = require('./is-symbol');\n\n/* Used as references for various\n  `Number` constants. */\nvar INFINITY = 1 / 0;\n\n/*\n * Converts `value` to a string key if it's not a string or\n  symbol.\n  *\n  * @private\n  * @param {*} value The value to inspect.\n  * @returns {string|symbol} Returns the\n  key.\n  */\nfunction toKey(value) {\n  if (typeof value == 'string' || isSymbol(value))\n  return value;\n\n  var result = (value + '');\n  return (result == '0' && (1 / value) == -INFINITY) ? '-0' : result;\n}\n\nmodule.exports =\n  toKey;\n\n", "use strict";\n\nvar assign = require('es5-ext/object/assign')\n  , normalizeOpts = require('es5-ext/object/normalize-options')\n  , isCallable = require('es5-

```





```

toString.call(obj) === OBJECT_STRING\n\n\nfunction isNull (val) {\n  return val === null || val ===
undefined\n}\n\nfunction parseArgs () {\n  var args = [], len = arguments.length;\n  while ( len-- ) args[ len ] =
arguments[ len ];\n\n  var locale = null;\n  var params = null;\n  if (args.length === 1) {\n    if (isObject(args[0]) ||
Array.isArray(args[0])) {\n      params = args[0];\n    } else if (typeof args[0] === 'string') {\n      locale = args[0];\n    }\n  } else if (args.length === 2) {\n    if (typeof args[0] === 'string') {\n      locale = args[0];\n    }\n    /* istanbul
ignore if */\n    if (isObject(args[1]) || Array.isArray(args[1])) {\n      params = args[1];\n    }\n  }\n\n  return { locale:
locale, params: params }\n}\n\nfunction looseClone (obj) {\n  return
JSON.parse(JSON.stringify(obj))\n}\n\nfunction remove (arr, item) {\n  if (arr.length) {\n    var index =
arr.indexOf(item);\n    if (index > -1) {\n      return arr.splice(index, 1)\n    }\n  }\n}\n\nvar hasOwnProperty =
Object.prototype.hasOwnProperty;\n\nfunction hasOwn (obj, key) {\n  return hasOwnProperty.call(obj,
key)\n}\n\nfunction merge (target) {\n  var arguments$1 = arguments;\n  var output = Object(target);\n  for (var i
= 1; i < arguments.length; i++) {\n    var source = arguments$1[i];\n    if (source !== undefined && source !== null)
{\n      var key = (void 0);\n      for (key in source) {\n        if (hasOwn(source, key)) {\n          if
(isObject(source[key])) {\n            output[key] = merge(output[key], source[key]);\n          } else {\n
output[key] = source[key];\n          }\n        }\n      }\n    }\n  }\n  return output\n}\n\nfunction looseEqual (a, b) {\n
if (a === b) { return true }\n  var isObjectA = isObject(a);\n  var isObjectB = isObject(b);\n  if (isObjectA &&
isObjectB) {\n    try {\n      var isArrayA = Array.isArray(a);\n      var isArrayB = Array.isArray(b);\n      if
(isArrayA && isArrayB) {\n        return a.length === b.length && a.every(function (e, i) {\n          return
looseEqual(e, b[i])\n        })\n      } else if (!isArrayA && !isArrayB) {\n        var keysA = Object.keys(a);\n        var
keysB = Object.keys(b);\n        return keysA.length === keysB.length && keysA.every(function (key) {\n
return looseEqual(a[key], b[key])\n        })\n      } else {\n        /* istanbul ignore next */\n        return false\n      }\n
    } catch (e) {\n      /* istanbul ignore next */\n      return false\n    }\n  } else if (!isObjectA && !isObjectB) {\n
return String(a) === String(b)\n  } else {\n    return false\n  }\n}\n\nvar canUseDateFormat =\n  typeof Intl !==
'undefined' && typeof Intl.DateTimeFormat !== 'undefined';\n\nvar canUseNumberFormat =\n  typeof Intl !==
'undefined' && typeof Intl.NumberFormat !== 'undefined';\n\n/* */\n\nfunction extend (Vue) {\n  if
(!Vue.prototype.hasOwnProperty('$i18n')) {\n    // $FlowFixMe\n    Object.defineProperty(Vue.prototype, '$i18n',
{\n      get: function get () { return this._i18n }\n    });\n  }\n\n  Vue.prototype.$t = function (key) {\n    var values =
[], len = arguments.length - 1;\n    while ( len-- > 0 ) values[ len ] = arguments[ len + 1 ];\n\n    var i18n =
this.$i18n;\n    return i18n._t.apply(i18n, [ key, i18n.locale, i18n._getMessages(), this ].concat( values ))\n  };\n\n  Vue.prototype.$tc = function (key, choice) {\n    var values = [], len = arguments.length - 2;\n    while ( len-- > 0 )
values[ len ] = arguments[ len + 2 ];\n\n    var i18n = this.$i18n;\n    return i18n._tc.apply(i18n, [ key, i18n.locale,
i18n._getMessages(), this, choice ].concat( values ))\n  };\n\n  Vue.prototype.$te = function (key, locale) {\n    var
i18n = this.$i18n;\n    return i18n._te(key, i18n.locale, i18n._getMessages(), locale)\n  };\n\n  Vue.prototype.$d =
function (value) {\n    var ref;\n\n    var args = [], len = arguments.length - 1;\n    while ( len-- > 0 ) args[ len ] =
arguments[ len + 1 ];\n    return (ref = this.$i18n).d.apply(ref, [ value ].concat( args ))\n  };\n\n  Vue.prototype.$n =
function (value) {\n    var ref;\n\n    var args = [], len = arguments.length - 1;\n    while ( len-- > 0 ) args[ len ] =
arguments[ len + 1 ];\n    return (ref = this.$i18n).n.apply(ref, [ value ].concat( args ))\n  };\n}\n\n/* */\n\nvar mixin
= {\n  beforeCreate: function beforeCreate () {\n    var options = this.$options;\n    options.i18n = options.i18n ||
(options.__i18n ? {} : null);\n\n    if (options.i18n) {\n      if (options.i18n instanceof VueI18n) {\n        // init locale
messages via custom blocks\n        if (options.__i18n) {\n          try {\n            var localeMessages = {};\n
options.__i18n.forEach(function (resource) {\n              localeMessages = merge(localeMessages,
JSON.parse(resource));\n            });\n            Object.keys(localeMessages).forEach(function (locale) {\n
options.i18n.mergeLocaleMessage(locale, localeMessages[locale]);\n            });\n          } catch (e) {\n            if
(process.env.NODE_ENV !== 'production') {\n              warn(`Cannot parse locale messages via custom blocks.`,
e);\n            }\n          }\n          this._i18n = options.i18n;\n          this._i18nWatcher =
this._i18n.watchI18nData();\n          this._i18n.subscribeDataChanging(this);\n          this._subscribing = true;\n        }\n
      } else if (isPlainObject(options.i18n)) {\n        // component local i18n\n        if (this.$root && this.$root.$i18n &&
this.$root.$i18n instanceof VueI18n) {\n          options.i18n.root = this.$root;\n          options.i18n.formatter =

```

```

this.$root.$i18n.formatter;\n      options.i18n.fallbackLocale = this.$root.$i18n.fallbackLocale;\n
options.i18n.silentTranslationWarn = this.$root.$i18n.silentTranslationWarn;\n    }\n\n    // init locale messages
via custom blocks\n    if (options.__i18n) {\n      try {\n        var localeMessages$1 = {};\n
options.__i18n.forEach(function (resource) {\n          localeMessages$1 = merge(localeMessages$1,\n
JSON.parse(resource));\n        });\n        options.i18n.messages = localeMessages$1;\n      } catch (e) {\n
if (process.env.NODE_ENV !== 'production') {\n        warn("\Cannot parse locale messages via custom
blocks.", e);\n      }\n    }\n  }\n\n  this._i18n = new VueI18n(options.i18n);\n  this._i18nWatcher
= this._i18n.watchI18nData();\n  this._i18n.subscribeDataChanging(this);\n  this._subscribing = true;\n
if (options.i18n.sync === undefined || !options.i18n.sync) {\n    this._localeWatcher =
this.$i18n.watchLocale();\n  } else {\n    if (process.env.NODE_ENV !== 'production') {\n
warn("\Cannot be interpreted 'i18n' option.");\n    }\n  } else if (this.$root && this.$root.$i18n &&
this.$root.$i18n instanceof VueI18n) {\n    // root i18n\n    this._i18n = this.$root.$i18n;\n
this._i18n.subscribeDataChanging(this);\n    this._subscribing = true;\n  } else if (options.parent &&
options.parent.$i18n && options.parent.$i18n instanceof VueI18n) {\n    // parent i18n\n    this._i18n =
options.parent.$i18n;\n    this._i18n.subscribeDataChanging(this);\n    this._subscribing = true;\n  }\n},\n\n
beforeDestroy: function beforeDestroy () {\n  if (!this._i18n) { return }\n\n  if (this._subscribing) {\n
this._i18n.unsubscribeDataChanging(this);\n  delete this._subscribing;\n  }\n\n  if (this._i18nWatcher) {\n
this._i18nWatcher();\n  delete this._i18nWatcher;\n  }\n\n  if (this._localeWatcher) {\n
this._localeWatcher();\n  delete this._localeWatcher;\n  }\n\n  this._i18n = null;\n  };\n\n}*/\n\nvar
component = {\n  name: 'i18n',\n  functional: true,\n  props: {\n    tag: {\n      type: String,\n      default: 'span'\n
},\n    path: {\n      type: String,\n      required: true\n    },\n    locale: {\n      type: String\n    },\n    places: {\n
type: [Array, Object]\n    }\n  },\n  render: function render (h, ref) {\n    var props = ref.props;\n    var data =
ref.data;\n    var children = ref.children;\n    var parent = ref.parent;\n\n    var i18n = parent.$i18n;\n\n    children =
(children || []).filter(function (child) {\n      return child.tag || (child.text = child.text.trim())\n    });\n\n    if (!i18n) {\n
if (process.env.NODE_ENV !== 'production') {\n      warn('\Cannot find VueI18n instance!');\n    }\n    return
children\n  }\n\n    var path = props.path;\n    var locale = props.locale;\n    var params = {};\n    var places =
props.places || {};\n\n    var hasPlaces = Array.isArray(places)\n      ? places.length > 0\n      :
Object.keys(places).length > 0;\n\n    var everyPlace = children.every(function (child) {\n      if (child.data &&
child.data.attrs) {\n        var place = child.data.attrs.place;\n        return (typeof place !== 'undefined') && place !==
"\n      }\n    });\n\n    if (process.env.NODE_ENV !== 'production' && hasPlaces && children.length > 0 &&
!everyPlace) {\n      warn('\If places prop is set, all child elements must have place prop set.);\n    }\n\n    if
(Array.isArray(places)) {\n      places.forEach(function (el, i) {\n        params[i] = el;\n      });\n    } else {\n
Object.keys(places).forEach(function (key) {\n      params[key] = places[key];\n    });\n  }\n\n  children.forEach(function (child, i) {\n    var key = everyPlace\n      ? ("\" + (child.data.attrs.place))\n      : ("\" +
i);\n    params[key] = child;\n  });\n\n  return h(props.tag, data, i18n.i(path, locale, params))\n  };\n\n}*/\n\n*/\n\nfunction bind (el, binding, vnode) {\n  if (!assert(el, vnode)) { return }\n  t(el, binding,
vnode);\n}\n\nfunction update (el, binding, vnode, oldVNode) {\n  if (!assert(el, vnode)) { return }\n  var i18n =
vnode.context.$i18n;\n  if (localeEqual(el, vnode) &&\n    (looseEqual(binding.value, binding.oldValue) &&\n
looseEqual(el._localeMessage, i18n.getLocaleMessage(i18n.locale)))) { return }\n  t(el, binding,
vnode);\n}\n\nfunction unbind (el, binding, vnode, oldVNode) {\n  var vm = vnode.context;\n  if (!vm) {\n
warn('\Vue instance does not exists in VNode context');\n  return\n  }\n  el.textContent = "";\n  el._vt =
undefined;\n  delete el['_vt'];\n  el._locale = undefined;\n  delete el['_locale'];\n  el._localeMessage = undefined;\n
delete el['_localeMessage'];\n}\n\nfunction assert (el, vnode) {\n  var vm = vnode.context;\n  if (!vm) {\n
warn('\Vue instance doest not exists in VNode context');\n  return false\n  }\n  if (!vm.$i18n) {\n    warn('\VueI18n
instance does not exists in Vue instance');\n    return false\n  }\n  return true\n}\n\nfunction localeEqual (el, vnode)
{\n  var vm = vnode.context;\n  return el._locale === vm.$i18n.locale\n}\n\nfunction t (el, binding, vnode) {\n  var
ref$1, ref$2;\n\n  var value = binding.value;\n\n  var ref = parseValue(value);\n  var path = ref.path;\n  var locale =
ref.locale;\n  var args = ref.args;\n  var choice = ref.choice;\n  if (!path && !locale && !args) {\n    warn('\value type

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not supported');\n return\n }\n\n if (!path) {\n warn("`path` is required in v-t directive');\n return\n }\n\n var
vm = vnode.context;\n if (choice) {\n el._vt = el.textContent = (ref$1 = vm.$i18n).tc.apply(ref$1, [ path, choice
].concat( makeParams(locale, args) ));\n } else {\n el._vt = el.textContent = (ref$2 = vm.$i18n).t.apply(ref$2, [
path ].concat( makeParams(locale, args) ));\n }\n el._locale = vm.$i18n.locale;\n el._localeMessage =
vm.$i18n.getLocaleMessage(vm.$i18n.locale);\n\n\nfunction parseValue (value) {\n var path;\n var locale;\n var
args;\n var choice;\n\n if (typeof value === 'string') {\n path = value;\n } else if (isPlainObject(value)) {\n path
= value.path;\n locale = value.locale;\n args = value.args;\n choice = value.choice;\n }\n\n return { path: path,
locale: locale, args: args, choice: choice }\n\n\nfunction makeParams (locale, args) {\n var params = [];\n\n locale
&& params.push(locale);\n if (args && (Array.isArray(args) || isPlainObject(args))) {\n params.push(args);\n
}\n\n return params\n}\n\nvar Vue;\n\nfunction install (_Vue) {\n /* istanbul ignore if */\n if
(process.env.NODE_ENV !== 'production' && install.installed && _Vue === Vue) {\n warn('already
installed.);\n return\n }\n install.installed = true;\n\n Vue = _Vue;\n\n var version = (Vue.version &&
Number(Vue.version.split('.')[0])) || -1;\n /* istanbul ignore if */\n if (process.env.NODE_ENV !== 'production'
&& version < 2) {\n warn(("vue-i18n (" + (install.version) + ") need to use Vue 2.0 or later (Vue: " +
(Vue.version) + ").");\n return\n }\n\n extend(Vue);\n Vue.mixin(mixin);\n Vue.directive('t', { bind: bind,
update: update, unbind: unbind });\n Vue.component(component.name, component);\n\n // use simple
mergeStrategies to prevent i18n instance lose '__proto__'\n var strats = Vue.config.optionMergeStrategies;\n
strats.i18n = function (parentVal, childVal) {\n return childVal === undefined\n ? parentVal\n : childVal\n
};\n}\n\n/* */\n\nvar BaseFormatter = function BaseFormatter () {\n this._caches =
Object.create(null);\n};\n\nBaseFormatter.prototype.interpolate = function interpolate (message, values) {\n if
(!values) {\n return [message]\n }\n var tokens = this._caches[message];\n if (!tokens) {\n tokens =
parse(message);\n this._caches[message] = tokens;\n }\n return compile(tokens, values)\n};\n\n\n\nvar
RE_TOKEN_LIST_VALUE = /^(?:\d+);/\nvar RE_TOKEN_NAMED_VALUE = /^(?:\w+);/\n\nfunction parse
(format) {\n var tokens = [];\n var position = 0;\n\n var text = ";\n while (position < format.length) {\n var char
= format[position++];\n if (char === '{') {\n if (text) {\n tokens.push({ type: 'text', value: text });\n }\n\n
text = ";\n var sub = ";\n char = format[position++];\n while (char !== undefined && char !== '}') {\n
sub += char;\n char = format[position++];\n }\n var isClosed = char === '};\n\n var type =
RE_TOKEN_LIST_VALUE.test(sub)\n ? 'list'\n : isClosed &&
RE_TOKEN_NAMED_VALUE.test(sub)\n ? 'named'\n : 'unknown';\n tokens.push({ value: sub, type:
type });\n } else if (char === '%') {\n // when found rails i18n syntax, skip text capture\n if
(format[(position)] !== '{') {\n text += char;\n }\n } else {\n text += char;\n }\n }\n\n text &&
tokens.push({ type: 'text', value: text });\n\n return tokens\n}\n\nfunction compile (tokens, values) {\n var compiled
= [];\n var index = 0;\n\n var mode = Array.isArray(values)\n ? 'list'\n : isObject(values)\n ? 'named'\n :
'unknown';\n if (mode === 'unknown') { return compiled }\n\n while (index < tokens.length) {\n var token =
tokens[index];\n switch (token.type) {\n case 'text':\n compiled.push(token.value);\n break\n case
'list':\n compiled.push(values[parseInt(token.value, 10)]);\n break\n case 'named':\n if (mode ===
'named') {\n compiled.push((values)[token.value]);\n } else {\n if (process.env.NODE_ENV !==
'production') {\n warn(("Type of token " + (token.type) + " and format of value " + mode + " don't
match!")); \n }\n }\n break\n case 'unknown':\n if (process.env.NODE_ENV !== 'production')
{\n warn("Detect 'unknown' type of token!");\n }\n break\n }\n index++;\n }\n\n return
compiled\n}\n\n/* */\n\n/* */\n\n * Path parser\n * - Inspired:\n * Vue.js Path parser\n *\n\n// actions\nvar
APPEND = 0;\nvar PUSH = 1;\nvar INC_SUB_PATH_DEPTH = 2;\nvar PUSH_SUB_PATH = 3;\n\n// states\nvar
BEFORE_PATH = 0;\nvar IN_PATH = 1;\nvar BEFORE_IDENT = 2;\nvar IN_IDENT = 3;\nvar IN_SUB_PATH
= 4;\nvar IN_SINGLE_QUOTE = 5;\nvar IN_DOUBLE_QUOTE = 6;\nvar AFTER_PATH = 7;\nvar ERROR =
8;\n\nvar pathStateMachine = [];\n\npathStateMachine[BEFORE_PATH] = {\n 'ws': [BEFORE_PATH],\n 'ident':
[IN_IDENT, APPEND],\n '[': [IN_SUB_PATH],\n 'eof': [AFTER_PATH]\n};\n\npathStateMachine[IN_PATH] =
{\n 'ws': [IN_PATH],\n ' ': [BEFORE_IDENT],\n '[': [IN_SUB_PATH],\n 'eof':
[AFTER_PATH]\n};\n\npathStateMachine[BEFORE_IDENT] = {\n 'ws': [BEFORE_IDENT],\n 'ident':

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[IN_IDENT, APPEND],\n '0': [IN_IDENT, APPEND],\n 'number': [IN_IDENT, APPEND]\n};\n\npathStateMachine[IN_IDENT] = {\n  'ident': [IN_IDENT, APPEND],\n  '0': [IN_IDENT, APPEND],\n  'number': [IN_IDENT, APPEND],\n  'ws': [IN_PATH, PUSH],\n  '!': [BEFORE_IDENT, PUSH],\n  '[': [IN_SUB_PATH, PUSH],\n  'eof': [AFTER_PATH, PUSH]\n};\n\npathStateMachine[IN_SUB_PATH] = {\n  '\"': [IN_SINGLE_QUOTE, APPEND],\n  '\"': [IN_DOUBLE_QUOTE, APPEND],\n  '[': [IN_SUB_PATH, INC_SUB_PATH_DEPTH],\n  ']': [IN_PATH, PUSH_SUB_PATH],\n  'eof': ERROR,\n  'else': [IN_SUB_PATH, APPEND]\n};\n\npathStateMachine[IN_SINGLE_QUOTE] = {\n  '\"': [IN_SUB_PATH, APPEND],\n  'eof': ERROR,\n  'else': [IN_SINGLE_QUOTE, APPEND]\n};\n\npathStateMachine[IN_DOUBLE_QUOTE] = {\n  '\"': [IN_SUB_PATH, APPEND],\n  'eof': ERROR,\n  'else': [IN_DOUBLE_QUOTE, APPEND]\n};\n\n/**\n * Check if an expression is a literal value.\n */\nfunction isLiteralValueRE = /(?:true|false|?\n[\d.]+(?:[^\s]|\"[^\"]*\")|s?$/);\n\nfunction isLiteral (exp) {\n  return literalValueRE.test(exp);\n}\n\n/**\n * Strip quotes from a string\n */\nfunction stripQuotes (str) {\n  var a = str.charCodeAt(0);\n  var b = str.charCodeAt(str.length - 1);\n  return a === b && (a === 0x22 || a === 0x27) ? str.slice(1, -1) : str;\n}\n\n/**\n * Determine the type of a character in a keypath.\n */\nfunction getPathCharType (ch) {\n  if (ch === undefined || ch === null) {\n    return 'eof';\n  }\n  var code = ch.charCodeAt(0);\n  switch (code) {\n    case 0x5B: // [\n    case 0x5D: // ]\n    case 0x2E: // .\n    case 0x22: // \"\n    case 0x27: // '\n    return ch;\n    case 0x5F: // _\n    case 0x24: // $\n    case 0x2D: // -\n    return 'ident';\n    case 0x20: // Space\n    case 0x09: // Tab\n    case 0x0A: // Newline\n    case 0x0D: // Return\n    case 0xA0: // No-break space\n    case 0xFEFF: // Byte Order Mark\n    case 0x2028: // Line Separator\n    case 0x2029: // Paragraph Separator\n    return 'ws';\n  }\n  return 'ident';\n}\n\n/**\n * Format a subPath, return its plain form if it is\n * a literal string or number. Otherwise prepend the\n * dynamic indicator (*).\n */\nfunction formatSubPath (path) {\n  var trimmed = path.trim();\n  // invalid leading 0\n  if (path.charAt(0) === '0' && isNaN(path)) {\n    return false;\n  }\n  return isLiteral(trimmed) ?\n    stripQuotes(trimmed) : '*' + trimmed;\n}\n\n/**\n * Parse a string path into an array of segments\n */\nfunction parsePath (path) {\n  var keys = [];\n  var index = -1;\n  var mode = BEFORE_PATH;\n  var subPathDepth = 0;\n  var c;\n  var key;\n  var newChar;\n  var type;\n  var transition;\n  var action;\n  var typeMap;\n  var actions = [];\n  actions[PUSH] = function () {\n    if (key !== undefined) {\n      keys.push(key);\n      key = undefined;\n    }\n  }; \n  actions[APPEND] = function () {\n    if (key === undefined) {\n      key = newChar;\n    } else {\n      key += newChar;\n    }\n  }; \n  actions[INC_SUB_PATH_DEPTH] = function () {\n    actions[APPEND]();\n    subPathDepth++;\n  }; \n  actions[PUSH_SUB_PATH] = function () {\n    if (subPathDepth > 0) {\n      subPathDepth--;\n      mode = IN_SUB_PATH;\n      actions[APPEND]();\n    } else {\n      subPathDepth = 0;\n      key = formatSubPath(key);\n      if (key === false) {\n        return false;\n      } else {\n        actions[PUSH]();\n      }\n    }\n  }; \n  function maybeUnescapeQuote () {\n    var nextChar = path[index + 1];\n    if ((mode === IN_SINGLE_QUOTE && nextChar === '\"') ||\n        (mode === IN_DOUBLE_QUOTE && nextChar === '\"')) {\n      index++;\n      newChar = '\\\\' + nextChar;\n      actions[APPEND]();\n      return true;\n    }\n  }\n  while (mode !== null) {\n    index++;\n    c = path[index];\n    if (c === '\\\\' && maybeUnescapeQuote()) {\n      continue;\n    }\n    type = getPathCharType(c);\n    typeMap = pathStateMachine[mode];\n    transition = typeMap[type] || typeMap['else'] || ERROR;\n    if (transition === ERROR) {\n      return // parse error\n    }\n    mode = transition[0];\n    action = actions[transition[1]];\n    if (action) {\n      newChar = transition[2];\n      newChar = newChar === undefined ? c : newChar;\n      if (action() === false) {\n        return\n      }\n    }\n    if (mode === AFTER_PATH) {\n      return keys;\n    }\n  }\n}\n\nfunction I18nPath = function I18nPath () {\n  this._cache = Object.create(null);\n}\n\n/**\n * External parse that check for a cache hit first\n */\nI18nPath.prototype.parsePath = function parsePath (path) {\n  var hit = this._cache[path];\n  if (!hit) {\n    hit = parsePath(path);\n    if (hit) {\n      this._cache[path] = hit;\n    }\n  }\n  return hit || [];\n}\n\n/**\n * Get path value from path string\n */\nI18nPath.prototype.getPathValue = function getPathValue (obj, path) {\n  if (!Object(obj)) {\n    return null;\n  }\n  var paths = this.parsePath(path);\n  if (paths.length === 0) {\n    return null;\n  } else {\n    var length = paths.length;\n    var last = obj;\n    var i = 0;\n    while (i < length) {\n      var value = last[paths[i]];\n      if (value === undefined) {\n        return null;\n      }\n      last = value;\n      i++;\n    }\n    return last;\n  }\n}\n\nnumberFormatKeys = ['style', 'currency', 'currencyDisplay', 'useGrouping'];\n
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'minimumIntegerDigits',\n 'minimumFractionDigits',\n 'maximumFractionDigits',\n 'minimumSignificantDigits',\n
'maximumSignificantDigits',\n 'localeMatcher',\n 'formatMatcher'\n];\nvar linkKeyMatcher = /(?:@(?:\\.[a-
z]+)?(?:[\\w\\-_.]+|\\(\\[\\w\\-_.]+\\)))\\)/g;\nvar linkKeyPrefixMatcher = /^@(?:\\.([a-z]+))?:/;\nvar bracketsMatcher =
/\\(\\)/g;\nvar formatters = {\n 'upper': function (str) { return str.toLocaleUpperCase(); },\n 'lower': function (str) {
return str.toLocaleLowerCase(); }\n};\n\nvar VueI18n = function VueI18n (options) {\n var this$1 = this;\n if (
options === void 0 ) options = {};\n\n // Auto install if it is not done yet and `window` has `Vue`.\n // To allow
users to avoid auto-installation in some cases,\n // this code should be placed here. See #290\n /* istanbul ignore if
*/\n if (!Vue && typeof window !== 'undefined' && window.Vue) {\n install(window.Vue);\n }\n\n var locale =
options.locale || 'en-US';\n var fallbackLocale = options.fallbackLocale || 'en-US';\n var messages =
options.messages || {};\n var dateTimeFormats = options.dateTimeFormats || {};\n var numberFormats =
options.numberFormats || {};\n\n this._vm = null;\n this._formatter = options.formatter || new BaseFormatter();\n
this._missing = options.missing || null;\n this._root = options.root || null;\n this._sync = options.sync === undefined
? true : !options.sync;\n this._fallbackRoot = options.fallbackRoot === undefined\n ? true\n :
!options.fallbackRoot;\n this._silentTranslationWarn = options.silentTranslationWarn === undefined\n ? false\n
: !options.silentTranslationWarn;\n this._dateTimeFormatters = {};\n this._numberFormatters = {};\n this._path =
new I18nPath();\n this._dataListeners = [];\n\n this._exist = function (message, key) {\n if (!message || !key) {\n
return false }\n return !isNull(this$1._path.getPathValue(message, key))\n };;\n\n this._initVM({\n locale:
locale,\n fallbackLocale: fallbackLocale,\n messages: messages,\n dateTimeFormats: dateTimeFormats,\n
numberFormats: numberFormats\n });;\n\nvar prototypeAccessors = { vm: { configurable: true },messages: {
configurable: true },dateTimeFormats: { configurable: true },numberFormats: { configurable: true },locale: {
configurable: true },fallbackLocale: { configurable: true },missing: { configurable: true },formatter: { configurable:
true },silentTranslationWarn: { configurable: true } };\n\nVueI18n.prototype._initVM = function _initVM (data) {\n
var silent = Vue.config.silent;\n Vue.config.silent = true;\n this._vm = new Vue({ data: data });\n
Vue.config.silent = silent;\n};;\n\nVueI18n.prototype.subscribeDataChanging = function subscribeDataChanging
(vm) {\n this._dataListeners.push(vm);\n};;\n\nVueI18n.prototype.unsubscribeDataChanging = function
unsubscribeDataChanging (vm) {\n remove(this._dataListeners, vm);\n};;\n\nVueI18n.prototype.watchI18nData =
function watchI18nData () {\n var self = this;\n return this._vm.$watch('$data', function () {\n var i =
self._dataListeners.length;\n while (i--) {\n Vue.nextTick(function () {\n self._dataListeners[i] &&
self._dataListeners[i].$forceUpdate();\n });\n });\n }, { deep: true });;\n\nVueI18n.prototype.watchLocale =
function watchLocale () {\n /* istanbul ignore if */\n if (!this._sync || !this._root) { return null }\n var target =
this._vm;\n return this._root.$i18n.vm.$watch('locale', function (val) {\n target.$set(target, 'locale', val);\n
target.$forceUpdate();\n }, { immediate: true });;\n\nprototypeAccessors.vm.get = function () { return this._vm
};;\n\nprototypeAccessors.messages.get = function () { return looseClone(this._getMessages())
};;\n\nprototypeAccessors.dateTimeFormats.get = function () { return looseClone(this._getDateTimeFormats())
};;\n\nprototypeAccessors.numberFormats.get = function () { return looseClone(this._getNumberFormats())
};;\n\nprototypeAccessors.locale.get = function () { return this._vm.locale };;\n\nprototypeAccessors.locale.set =
function (locale) {\n this._vm.$set(this._vm, 'locale', locale);\n};;\n\nprototypeAccessors.fallbackLocale.get =
function () { return this._vm.fallbackLocale };;\n\nprototypeAccessors.fallbackLocale.set = function (locale) {\n
this._vm.$set(this._vm, 'fallbackLocale', locale);\n};;\n\nprototypeAccessors.missing.get = function () { return
this._missing };;\n\nprototypeAccessors.missing.set = function (handler) { this._missing = handler;
};;\n\nprototypeAccessors.formatter.get = function () { return this._formatter };;\n\nprototypeAccessors.formatter.set =
function (formatter) { this._formatter = formatter; };;\n\nprototypeAccessors.silentTranslationWarn.get = function ()
{ return this._silentTranslationWarn };;\n\nprototypeAccessors.silentTranslationWarn.set = function (silent) {\n
this._silentTranslationWarn = silent; };;\n\nVueI18n.prototype._getMessages = function _getMessages () { return
this._vm.messages };;\n\nVueI18n.prototype._getDateTimeFormats = function _getDateTimeFormats () { return
this._vm.dateTimeFormats };;\n\nVueI18n.prototype._getNumberFormats = function _getNumberFormats () { return
this._vm.numberFormats };;\n\nVueI18n.prototype._warnDefault = function _warnDefault (locale, key, result, vm,
values) {\n if (!isNull(result)) { return result }\n if (this._missing) {\n var missingRet = this._missing.apply(null,

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[locale, key, vm, values]);\n  if (typeof missingRet === 'string') {\n    return missingRet\n  }\n } else {\n  if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n    warn(\n    \'Cannot translate
the value of keypath \'' + key + \'.\'. \'' +\n    \'Use the value of keypath as default.\n    ');
\n  }\n }\n }\n return
key\n};\n\nVueI18n.prototype._isFallbackRoot = function _isFallbackRoot (val) {\n  return !val &&
!isNull(this._root) && this._fallbackRoot\n};\n\nVueI18n.prototype._interpolate = function _interpolate (\n
locale,\n message,\n key,\n host,\n interpolateMode,\n values,\n visitedLinkStack\n) {\n  if (!message) { return
null }\n\n  var pathRet = this._path.getPathValue(message, key);\n  if (Array.isArray(pathRet) ||
isPlainObject(pathRet)) { return pathRet }\n\n  var ret;\n  if (isNull(pathRet)) {\n    /* istanbul ignore else */\n    if
(isPlainObject(message)) {\n      ret = message[key];\n      if (typeof ret !== 'string') {\n        if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n          warn(("Value of key \'' +
key + \\' is not a string!"));
\n        }\n        return null\n      }\n    } else {\n      return null\n    }\n  } else {\n    /*
istanbul ignore else */\n    if (typeof pathRet === 'string') {\n      ret = pathRet;\n    } else {\n      if
(process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n        warn(("Value of key \'' + key
+ \\' is not a string!"));
\n      }\n      return null\n    }\n  }\n\n  // Check for the existence of links within the translated
string\n  if (ret.indexOf('@:') >= 0 || ret.indexOf('@.') >= 0) {\n    ret = this._link(locale, message, ret, host,
interpolateMode, values, visitedLinkStack);\n  }\n\n  return this._render(ret, interpolateMode,
values)\n};\n\nVueI18n.prototype._link = function _link (\n locale,\n message,\n str,\n host,\n interpolateMode,\n
values,\n visitedLinkStack\n) {\n  var this$1 = this;\n\n  var ret = str;\n\n  // Match all the links within the local\n
// We are going to replace each of\n // them with its translation\n  var matches = ret.match(linkKeyMatcher);\n  for
(var idx in matches) {\n    // ie compatible: filter custom array\n    // prototype method\n    if
(!matches.hasOwnProperty(idx)) {\n      continue\n    }\n    var link = matches[idx];\n    var linkKeyPrefixMatches =
link.match(linkKeyPrefixMatcher);\n    var linkPrefix = linkKeyPrefixMatches[0];\n    var formatterName =
linkKeyPrefixMatches[1];\n\n    // Remove the leading @:, @.case: and the brackets\n    var linkPlaceholder =
link.replace(linkPrefix, "").replace(bracketsMatcher, "");\n\n    if (visitedLinkStack.includes(linkPlaceholder)) {\n
if (process.env.NODE_ENV !== 'production') {\n      warn(("Circular reference found. \\\"'\" + link + \"'\" is
already visited in the chain of \'' + (visitedLinkStack.reverse().join(' <- '))));
\n    }\n    return ret\n  }\n  visitedLinkStack.push(linkPlaceholder);\n\n  // Translate the link\n  var translated = this$1._interpolate(\n
locale, message, linkPlaceholder, host,\n  interpolateMode === 'raw' ? 'string' : interpolateMode,\n
interpolateMode === 'raw' ? undefined : values,\n  visitedLinkStack\n );\n  if
(this$1._isFallbackRoot(translated)) {\n    if (process.env.NODE_ENV !== 'production' &&
!this$1._silentTranslationWarn) {\n      warn(("Fall back to translate the link placeholder \'' + linkPlaceholder +
\' with root locale.'));
\n    }\n    /* istanbul ignore if */\n    if (!this$1._root) { throw Error('unexpected error') }\n
var root = this$1._root.$i18n;\n    translated = root._translate(\n      root._getMessages(), root.locale,
root.fallbackLocale,\n      linkPlaceholder, host, interpolateMode, values\n );\n  }\n  translated =
this$1._warnDefault(\n    locale, linkPlaceholder, translated, host,\n    Array.isArray(values) ? values : [values]\n
);\n  if (formatters.hasOwnProperty(formatterName)) {\n    translated = formatters[formatterName](translated);\n
}\n\n  visitedLinkStack.pop();\n\n  // Replace the link with the translated\n  ret = !translated ? ret :
ret.replace(link, translated);\n  }\n\n  return ret\n};\n\nVueI18n.prototype._render = function _render (message,
interpolateMode, values) {\n  var ret = this._formatter.interpolate(message, values);\n  // if interpolateMode is
**not** 'string' ('row'),\n  // return the compiled data (e.g. ['foo', VNode, 'bar']) with formatter\n  return
interpolateMode === 'string' ? ret.join("") : ret\n};\n\nVueI18n.prototype._translate = function _translate (\n
messages,\n locale,\n fallback,\n key,\n host,\n interpolateMode,\n args\n) {\n  var res =\n  this._interpolate(locale, messages[locale], key, host, interpolateMode, args, [key]);\n  if (!isNull(res)) { return res
}\n\n  res = this._interpolate(fallback, messages[fallback], key, host, interpolateMode, args, [key]);\n  if
(!isNull(res)) {\n    if (process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) {\n      warn(("Fall
back to translate the keypath \'' + key + \\' with \'' + fallback + \\' locale.'));
\n    }\n    return res\n  }
else {\n    return null\n  }\n};\n\nVueI18n.prototype._t = function _t (key, _locale, messages, host) {\n  var ref;\n
var values = [], len = arguments.length - 4;\n  while ( len-- > 0 ) values[ len ] = arguments[ len + 4 ];\n  if (!key) {

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return " } \n\n var parsedArgs = parseArgs.apply(void 0, values); \n var locale = parsedArgs.locale || _locale; \n\n var ret = this._translate(\n  messages, locale, this.fallbackLocale, key, \n  host, 'string', parsedArgs.params \n ); \n\n if (this._isFallbackRoot(ret)) { \n   if (process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) \n   { \n     warn(("Fall back to translate the keypath \"" + key + "\" with root locale.")); \n   } \n   /* istanbul ignore if */ \n   if (!this._root) { throw Error('unexpected error') } \n   return (ref = this._root).$.t.apply(ref, [ key ].concat(\n     values )) \n } else { \n   return this._warnDefault(locale, key, ret, host, values) \n } \n }; \n\n VueI18n.prototype.t = \n function t (key) { \n   var ref; \n\n   var values = [], len = arguments.length - 1; \n   while ( len-- > 0 ) values[ len ] = \n     arguments[ len + 1 ]; \n   return (ref = this)._t.apply(ref, [ key, this.locale, this._getMessages(), null ].concat(\n     values )) \n }; \n\n VueI18n.prototype._i = function _i (key, locale, messages, host, values) { \n   var ret = \n     this._translate(messages, locale, this.fallbackLocale, key, host, 'raw', values); \n   if (this._isFallbackRoot(ret)) { \n     if \n     (process.env.NODE_ENV !== 'production' && !this._silentTranslationWarn) { \n       warn(("Fall back to interpolate \n       the keypath \"" + key + "\" with root locale.")); \n     } \n     if (!this._root) { throw Error('unexpected error') } \n     return \n     this._root.$i18n.i(key, locale, values) \n   } else { \n     return this._warnDefault(locale, key, ret, host, [values]) \n   } \n }; \n\n VueI18n.prototype.i = function i (key, locale, values) { \n   /* istanbul ignore if */ \n   if (!key) { return " } \n\n   if (typeof locale !== 'string') { \n     locale = this.locale; \n   } \n\n   return this._i(key, locale, this._getMessages(), null, \n     values) \n }; \n\n VueI18n.prototype._tc = function _tc (\n   key, \n   _locale, \n   messages, \n   host, \n   choice \n ) { \n   var \n     ref; \n\n   var values = [], len = arguments.length - 5; \n   while ( len-- > 0 ) values[ len ] = arguments[ len + 5 ]; \n   if \n   (!key) { return " } \n   if (choice === undefined) { \n     choice = 1; \n   } \n\n   var predefined = { 'count': choice, 'n': \n     choice }; \n   var parsedArgs = parseArgs.apply(void 0, values); \n   parsedArgs.params = Object.assign(predefined, \n     parsedArgs.params); \n   values = parsedArgs.locale === null ? [parsedArgs.params] : [parsedArgs.locale, \n     parsedArgs.params]; \n   return this.fetchChoice((ref = this)._t.apply(ref, [ key, _locale, messages, host ].concat(\n     values )), choice) \n }; \n\n VueI18n.prototype.fetchChoice = function fetchChoice (message, choice) { \n   /* istanbul \n   ignore if */ \n   if (!message && typeof message !== 'string') { return null } \n   var choices = message.split('|'); \n\n   choice = this.getChoiceIndex(choice, choices.length); \n   if (!choices[choice]) { return message } \n   return \n   choices[choice].trim() \n }; \n\n /** \n * @param choice {number} a choice index given by the input to $tc: \n * `$.tc('path.to.rule', choiceIndex)` \n * @param choicesLength {number} an overall amount of available choices \n * @returns a final choice index \n */ \n VueI18n.prototype.getChoiceIndex = function getChoiceIndex (choice, \n   choicesLength) { \n   choice = Math.abs(choice); \n\n   if (choicesLength === 2) { \n     return choice \n     ? choice > \n       1 \n     ? 1 \n     : 0 \n     : 1 \n   } \n\n   return choice ? Math.min(choice, 2) : 0 \n }; \n\n VueI18n.prototype.tc = \n function tc (key, choice) { \n   var ref; \n\n   var values = [], len = arguments.length - 2; \n   while ( len-- > 0 ) \n     values[ len ] = arguments[ len + 2 ]; \n   return (ref = this)._tc.apply(ref, [ key, this.locale, this._getMessages(), null, \n     choice ].concat(\n     values )) \n }; \n\n VueI18n.prototype._te = function _te (key, locale, messages) { \n   var args = [], \n     len = arguments.length - 3; \n   while ( len-- > 0 ) args[ len ] = arguments[ len + 3 ]; \n\n   var _locale = \n     parseArgs.apply(void 0, args).locale || locale; \n   return this._exist(messages[_locale], \n     key) \n }; \n\n VueI18n.prototype.te = function te (key, locale) { \n   return this._te(key, this.locale, this._getMessages(), \n     locale) \n }; \n\n VueI18n.prototype.getLocaleMessage = function getLocaleMessage (locale) { \n   return \n     looseClone(this._vm.messages[locale] || {}) \n }; \n\n VueI18n.prototype.setLocaleMessage = function \n   setLocaleMessage (locale, message) { \n     this._vm.$set(this._vm.messages, locale, \n       message); \n   }; \n\n VueI18n.prototype.mergeLocaleMessage = function mergeLocaleMessage (locale, message) { \n     this._vm.$set(this._vm.messages, locale, merge(this._vm.messages[locale] || {}, \n       message)); \n   }; \n\n VueI18n.prototype.getDateTimeFormat = function getDateTimeFormat (locale) { \n   return \n     looseClone(this._vm.dateTimeFormats[locale] || {}) \n }; \n\n VueI18n.prototype.setDateTimeFormat = function \n   setDateTimeFormat (locale, format) { \n     this._vm.$set(this._vm.dateTimeFormats, locale, \n       format); \n   }; \n\n VueI18n.prototype.mergeDateTimeFormat = function mergeDateTimeFormat (locale, format) { \n     this._vm.$set(this._vm.dateTimeFormats, locale, merge(this._vm.dateTimeFormats[locale] || {}, \n       format)); \n   }; \n\n VueI18n.prototype._localizeDateTime = function _localizeDateTime (\n   value, \n   locale, \n   fallback, \n   dateTimeFormats, \n   key \n ) { \n   var _locale = locale; \n   var formats = dateTimeFormats[_locale]; \n\n   // \n   fallback locale \n   if (isNull(formats) || isNull(formats[key])) { \n     if (process.env.NODE_ENV !== 'production') { \n

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warn(("Fall back to \" + fallback + \" datetime formats from \" + locale + \" datetime formats.\"));\n  }\n
_locale = fallback;\n  formats = dateFormats[_locale];\n  }\n\n if (isNull(formats) || isNull(formats[key])) {\n
return null\n } else {\n  var format = formats[key];\n  var id = _locale + \"_\" + key;\n  var formatter =
this._dateFormatters[id];\n  if (!formatter) {\n    formatter = this._dateFormatters[id] = new
Intl.DateTimeFormat(_locale, format);\n  }\n  return formatter.format(value)\n  }\n};\n\nVueI18n.prototype._d =
function _d (value, locale, key) {\n  /* istanbul ignore if */\n  if (process.env.NODE_ENV !== 'production' &&
!VueI18n.availabilities.dateTimeFormat) {\n    warn('Cannot format a Date value due to not supported
Intl.DateTimeFormat.);\n    return \"\n  }\n\n if (!key) {\n    return new Intl.DateTimeFormat(locale).format(value)\n
  }\n\n var ret =\n    this._localizeDateTime(value, locale, this.fallbackLocale, this._getDateFormats(), key);\n
if (this._isFallbackRoot(ret)) {\n  if (process.env.NODE_ENV !== 'production') {\n    warn(("Fall back to
datetime localization of root: key \" + key + \"\".));\n  }\n  /* istanbul ignore if */\n  if (!this._root) { throw
Error('unexpected error') }\n  return this._root.$i18n.d(value, key, locale)\n } else {\n  return ret || \"\n
  }\n};\n\nVueI18n.prototype.d = function d (value) {\n  var args = [], len = arguments.length - 1;\n  while (len-- >
0) args[len] = arguments[len + 1];\n\n  var locale = this.locale;\n  var key = null;\n\n  if (args.length === 1) {\n
if (typeof args[0] === 'string') {\n    key = args[0];\n  } else if (isObject(args[0])) {\n    if (args[0].locale) {\n
locale = args[0].locale;\n    }\n    if (args[0].key) {\n    key = args[0].key;\n    }\n  }\n } else if (args.length
=== 2) {\n  if (typeof args[0] === 'string') {\n    key = args[0];\n  }\n  if (typeof args[1] === 'string') {\n
locale = args[1];\n  }\n }\n\n return this._d(value, locale, key)\n};\n\nVueI18n.prototype.getNumberFormat =
function getNumberFormat (locale) {\n  return looseClone(this._vm.numberFormats[locale] ||
{});\n};\n\nVueI18n.prototype.setNumberFormat = function setNumberFormat (locale, format) {\n
this._vm.$set(this._vm.numberFormats, locale, format);\n};\n\nVueI18n.prototype.mergeNumberFormat = function
mergeNumberFormat (locale, format) {\n  this._vm.$set(this._vm.numberFormats, locale,
merge(this._vm.numberFormats[locale] || {}, format));\n};\n\nVueI18n.prototype._localizeNumber = function
_localizeNumber (\n value,\n locale,\n fallback,\n numberFormats,\n key,\n options)\n {\n var _locale =
locale;\n var formats = numberFormats[_locale];\n\n // fallback locale\n if (isNull(formats) || isNull(formats[key]))
{\n  if (process.env.NODE_ENV !== 'production') {\n    warn(("Fall back to \" + fallback + \" number formats
from \" + locale + \" number formats.\"));\n  }\n  _locale = fallback;\n  formats = numberFormats[_locale];\n
}\n\n if (isNull(formats) || isNull(formats[key])) {\n  return null\n } else {\n  var format = formats[key];\n  var
formatter;\n  if (options) {\n    // If options specified - create one time number formatter\n    formatter = new
Intl.NumberFormat(_locale, Object.assign({}, format, options));\n  } else {\n    var id = _locale + \"_\" + key;\n
formatter = this._numberFormatters[id];\n    if (!formatter) {\n    formatter = this._numberFormatters[id] = new
Intl.NumberFormat(_locale, format);\n    }\n  }\n  return formatter.format(value)\n
  }\n};\n\nVueI18n.prototype._n = function _n (value, locale, key, options) {\n  /* istanbul ignore if */\n  if
(!VueI18n.availabilities.numberFormat) {\n  if (process.env.NODE_ENV !== 'production') {\n    warn('Cannot
format a Number value due to not supported Intl.NumberFormat.);\n  }\n  return \"\n  }\n\n if (!key) {\n  var nf =
!options ? new Intl.NumberFormat(locale) : new Intl.NumberFormat(locale, options);\n  return nf.format(value)\n
  }\n\n var ret =\n    this._localizeNumber(value, locale, this.fallbackLocale, this._getNumberFormats(), key,
options);\n  if (this._isFallbackRoot(ret)) {\n  if (process.env.NODE_ENV !== 'production') {\n    warn(("Fall
back to number localization of root: key \" + key + \"\".));\n  }\n  /* istanbul ignore if */\n  if (!this._root) {
throw Error('unexpected error') }\n  return this._root.$i18n.n(value, Object.assign({}, { key: key, locale: locale },
options))\n } else {\n  return ret || \"\n  }\n};\n\nVueI18n.prototype.n = function n (value) {\n  var args = [], len =
arguments.length - 1;\n  while (len-- > 0) args[len] = arguments[len + 1];\n\n  var locale = this.locale;\n  var
key = null;\n  var options = null;\n\n  if (args.length === 1) {\n  if (typeof args[0] === 'string') {\n    key =
args[0];\n  } else if (isObject(args[0])) {\n  if (args[0].locale) {\n    locale = args[0].locale;\n  }\n  if
(args[0].key) {\n    key = args[0].key;\n  }\n\n  // Filter out number format options only\n  options =
Object.keys(args[0]).reduce(function (acc, key) {\n    var obj;\n\n    if (numberFormatKeys.includes(key)) {\n
return Object.assign({}, acc, ( obj = { }, obj[key] = args[0][key], obj ))\n    }\n    return acc\n  }, null);\n
  }\n } else if (args.length === 2) {\n  if (typeof args[0] === 'string') {\n    key = args[0];\n  }\n  if (typeof

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args[1] === 'string') {\n  locale = args[1];\n  }\n }\n\n return this._n(value, locale, key,\n options)\n};\n\nObject.defineProperties( VueI18n.prototype, prototypeAccessors );\n\nVueI18n.availabilities = {\n  dateTimeFormat: canUseDateTimeFormat,\n  numberFormat: canUseNumberFormat\n};\n\nVueI18n.install =\n install;\n\nVueI18n.version = '8.4.0';\n\n\nexport default VueI18n;\n\n","import Vue from 'vue'\nimport VueI18n from\n'vue-i18n'\n\nVue.use(VueI18n)\n\nfunction loadLocaleMessages () {\n  const locales = require.context('./locales',\n true, /[A-Za-z0-9-_,\\s]+\\.json$/i)\n  const messages = {}\n  locales.keys().forEach(key => {\n    const matched =\n key.match(/([A-Za-z0-9-_]+)\\.json$/i)\n    if (matched && matched.length > 1) {\n      const locale = matched[1]\n      messages[locale] = locales(key)\n    }\n  })\n  return messages\n}\n\n\nexport default new VueI18n({\n  locale:\n process.env.VUE_APP_I18N_LOCALE || 'en',\n  fallbackLocale:\n process.env.VUE_APP_I18N_FALLBACK_LOCALE || 'en',\n  messages: loadLocaleMessages()\n})\n\n","var render\n = function () {\n  var _vm=this;\n  var _h=_vm.$createElement;\n  var _c=_vm._self._c||_h;\n  return _vm._m(0)\n}\n\nvar\n staticRenderFns = [\n  function () {\n    var _vm=this;\n    var _h=_vm.$createElement;\n    var _c=_vm._self._c||_h;\n    return\n    _c('div',{staticClass:"content-placeholder"},[_c('div',{staticClass:"content-placeholder__wrapper",style:({\n      backgroundSize: _vm.size })},_vm._l((_vm.formattedRows),function(row,r){return\n    _c('div',{key:r,staticClass:"content-placeholder__wrapper__row",style:({height:\n    row.height})},_vm._l((row.bboxes),function(box,b){return\n    _c('div',{key:b,style:(box.style)},[(box.subClass)?_c('div',{class:box.subClass}):_vm._e()])])])])])\n  }\n]\n\n\nexport {\n  render, staticRenderFns\n},\n\nconst DEFAULT_ROWS = [\n  {\n    height: '1em',\n    boxes: [[0, '50%'], ['5%', '30%'],\n ['5%', '10%']]\n  }\n]\n\n\nexport function isFlexBasis (str) {\n  return Number(str).toString() ===\n str.toString()\n}\n\n\nexport function isWidth (str) {\n  const cssSuffix = ['px', '%', 'em', 'rem']\n  let checkState =\n false\n  cssSuffix.forEach(suffix => {\n    if (Number(str.split(suffix)[0]) &&\n str.split(suffix)[1] === " &&\n str.split(suffix).length === 2) {\n      checkState = true\n    }\n  })\n  return checkState\n}\n\n\nexport function\n getBoxStyle (left, width, isLast, subClass = 'box') {\n  const arr = []\n  if (left !== 0) {\n    if (isFlexBasis(left)) {\n      arr.push({style: `flex-grow: ${left}; flex-shrink: 0; flex-basis: 0;`, subClass})\n    } else if (isWidth(left)) {\n      arr.push({style: `flex-grow: 0; flex-shrink: 0; flex-basis: ${left};`, subClass})\n    }\n  }\n  if (isFlexBasis(width))\n  {\n    arr.push({style: `flex-grow: ${width}; flex-shrink: 0; flex-basis: 0;`})\n  } else if (isWidth(width)) {\n    arr.push({style: `flex-grow: 0; flex-shrink: 0; flex-basis: ${width};`})\n  }\n  if (isLast) {\n    arr.push({style: 'flex-\n  grow: 1; flex-shrink: 0; flex-basis: 0;', subClass})\n  }\n  return arr\n}\n\n\nexport function formatRows (rows =\n DEFAULT_ROWS, subClass = 'box') {\n  const rowArr = []\n  rows.forEach(row => {\n    let boxArr = []\n    const\n rowObj = {}\n    // Add height\n    rowObj.height = row.height\n    // Add style\n    row.bboxes.forEach((box, index)\n => {\n      const isLast = index === row.bboxes.length - 1\n      boxArr = boxArr.concat(getBoxStyle(box[0], box[1],\n isLast, subClass))\n    })\n    rowObj.bboxes = boxArr\n    rowArr.push(rowObj)\n  })\n  return rowArr\n}\n\n\nexport default {\n  isFlexBasis,\n  isWidth,\n  getBoxStyle,\n  formatRows\n}\n\n","<template>\n <div class="content-\n placeholder" v-once>\n <div class="content-placeholder__wrapper" :style="{ backgroundSize: size }">\n <div class="content-placeholder__wrapper__row" :style="{ height: row.height }" v-for="(row, r) in\n formattedRows" :key="r">\n <div :style="box.style" v-for="(box, b) in row.bboxes" :key="b">\n <div v-if="box.subClass" :class="box.subClass"></div>\n </div>\n </div>\n </div>\n </div>\n</template>\n\n<script>\nimport { formatRows } from '../utils/placeholder.js'\n\n/**\n * A component to\n fill empty spaces with animated placeholders until content is loaded.\n */\nexport default {\n  name:\n 'ContentPlaceholder',\n  props: {\n    /**\n     * An array of lines describing a series of cell sizes and margin sizes.\n     */\n    rows: {\n      type: Array\n    },\n    /**\n     * The size of the background gradient with the elapsing effect.\n     */\n    size: {\n      type: String,\n      default: '250%'\n    },\n    computed: {\n      formattedRows () {\n        return\n formatRows(this.rows, 'content-placeholder__wrapper__row__box')\n      }\n    }\n  }\n}\n\n</script>\n\n<style scoped\n lang="scss">\n@import './styles/lib';\n\n@keyframes placeHolderShimmer{\n  0%{\n    background-position:\n 100% 0\n  }\n  100%{\n    background-position: -100% 0\n  }\n}\n\n.content-placeholder {\n  overflow: hidden;\n  &__wrapper {\n    animation-duration: 1s;\n    animation-fill-mode: forwards;\n    animation-iteration-count:\n  infinite;\n    animation-name: placeHolderShimmer;\n    animation-timing-function: linear;\n    background:\n  #f6f7f8;\n    background: linear-gradient(to right, #eeeeee 8%, #dddddd 18%, #eeeeee 33%);\n    position:\n
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relative;\n\n &__row {\n  width: 100%;\n  box-sizing: border-box;\n  display: flex;\n  flex: 0 1 auto;\n  flex-direction: row;\n  flex-wrap: wrap;\n\n  &__box {\n    box-sizing: border-box;\n    position: relative;\n    height: 100%;\n    margin-bottom: 0;\n    background-color: white;\n    overflow: hidden;\n  }\n}\n}\n</style>\n","import mod from \"!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./ContentPlaceholder.vue?vue&type=script&lang=js&\"; export default mod; export * from \"!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./ContentPlaceholder.vue?vue&type=script&lang=js&\";/* globals __VUE_SSR_CONTEXT__ *\n\n// IMPORTANT: Do NOT use ES2015 features in this file (except for modules).\n// This module is a runtime utility for cleaner component module output and will\n// be included in the final webpack user bundle.\n\nexport default function normalizeComponent (\n  scriptExports,\n  render,\n  staticRenderFns,\n  functionalTemplate,\n  injectStyles,\n  scopeId,\n  moduleIdentifier, /* server only */\n  shadowMode /* vue-cli only */\n) {\n  // Vue.extend constructor export interop\n  var options = typeof scriptExports === 'function'\n    ? scriptExports.options\n    : scriptExports\n\n  // render functions\n  if (render) {\n    options.render = render\n    options.staticRenderFns = staticRenderFns\n  }\n\n  // functional template\n  if (functionalTemplate) {\n    options.functional = true\n  }\n\n  // scopedId\n  if (scopeId) {\n    options._scopeId = 'data-v-' + scopeId\n  }\n\n  var hook\n  if (moduleIdentifier) { // server build\n    hook = function (context) {\n      // 2.3 injection\n      context =\n        context || // cached call\n          (this.$vnode && this.$vnode.ssrContext) || //\n        stateful\n          (this.parent && this.parent.$vnode && this.parent.$vnode.ssrContext) // functional\n      // 2.2 with runInNewContext: true\n      if (!context && typeof __VUE_SSR_CONTEXT__ !== 'undefined') {\n        context = __VUE_SSR_CONTEXT__\n      }\n      // inject component styles\n      if (injectStyles) {\n        injectStyles.call(this, context)\n      }\n      // register component module identifier for async chunk inference\n      if (context && context._registeredComponents) {\n        context._registeredComponents.add(moduleIdentifier)\n      }\n      // used by ssr in case component is cached and beforeCreate\n      // never gets called\n      options._ssrRegister = hook\n    } else if (injectStyles) {\n      hook = shadowMode\n        ? function () {\n            injectStyles.call(this, this.$root.$options.shadowRoot)\n          } : injectStyles\n    }\n\n    if (hook) {\n      if (options.functional) {\n        // for template-only hot-reload because in that case the render fn doesn't\n        // go through the normalizer\n        options._injectStyles = hook\n        // register for functional component in vue file\n        var originalRender = options.render\n        options.render = function renderWithStyleInjection (h, context) {\n          hook.call(context)\n          return originalRender(h, context)\n        }\n      } else {\n        // inject component registration as beforeCreate\n        var existing = options.beforeCreate\n        options.beforeCreate = existing\n          ? [].concat(existing, hook)\n          : [hook]\n      }\n    }\n\n    return {\n      exports: scriptExports,\n      options: options\n    }\n  }\n}\n","import { render, staticRenderFns } from\n\"./ContentPlaceholder.vue?vue&type=template&id=40e3a912&scoped=true&\"\nimport script from\n\"./ContentPlaceholder.vue?vue&type=script&lang=js&\"\nexport * from\n\"./ContentPlaceholder.vue?vue&type=script&lang=js&\"\nimport style0 from\n\"./ContentPlaceholder.vue?vue&type=style&index=0&id=40e3a912&scoped=true&lang=scss&\"\n\n/*\n  normalize component *\nimport normalizer from \"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\nvar component = normalizer(\n  script,\n  render,\n  staticRenderFns,\n  false,\n  null,\n  \"40e3a912\",\n  null,\n  null\n)\ncomponent.options.__file =\n\"ContentPlaceholder.vue\"\nexport default component.exports\nvar render = function () {\n  var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:\"donate-form container-fluid py-2\"},[(!_vm.noTitle)?_c('h2',{staticClass:\"text-uppercase font-weight-bold text-primary h5\"},[_vm._v(\"\"+_vm._s(_vm.$t('donate-form.support'))+_vm._v(\"\"+_vm._e()),_vm._t('introduction\"],[_c('p',{domProps:{\"innerHTML\":_vm._s(_vm.$t('donate-

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form.introduction')))))]),_c('div',{staticClass:\`donate-form__payment mb-4\`},[_c('form',{staticClass:\`donate-
form__payment__form bg-light p-
4\`,attrs:{\`action\`:\`//checkout.fundjournalism.org/memberform\`,\`method\`:\`get\`,\`target\`:\`_blank\`}}),[_c('h3
',{staticClass:\`donate-form__payment__title h5 mb-4\`},[_c('strong',[_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-form.join-heading'))+\`\\n
\`)))]),_c('div',[_c('span',[_vm._v(_vm._s(_vm.$t('donate-
form.label'))+\` \\`))],_c('label',{staticClass:\`donate-form__payment__unit input-group input-group-sm d-inline-
flex\`},[_vm._m(0),_c('input',{directives:[{name:\`model\`,rawName:\`v-
model\`,value:(_vm.amount),expression:\`amount\`}],staticClass:\`donate-form__payment__input form-
control\`,attrs:{\`name\`:\`amount\`,\`type\`:\`number\`,\`min\`:\`0\`},domProps:{\`value\`:(_vm.amount)},on:{\`c
hange\`:function($event){_vm.amountIsPristine = false},\`input\`:function($event){if($event.target.composing){
return; }_vm.amount=$event.target.value}})]),_c('span',{staticClass:\`donate-
form__payment__buttons\`},[_c('button',{staticClass:\`btn btn-sm\`,class:{ 'btn-primary': _vm.installmentPeriod
=== 'monthly' },attrs:{\`type\`:\`button\`},on:{\`click\`:function($event){_vm.installmentPeriod =
'monthly'}}}],_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-form.frequency.monthly'))+\`\\n
\`))],_c('button',{staticClass:\`btn btn-sm\`,class:{ 'btn-primary': _vm.installmentPeriod === 'yearly'
},attrs:{\`type\`:\`button\`},on:{\`click\`:function($event){_vm.installmentPeriod = 'yearly'}}}],_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-form.frequency.yearly'))+\`\\n
\`))],_c('button',{staticClass:\`btn btn-sm\`,class:{
'btn-primary': _vm.installmentPeriod === null
},attrs:{\`type\`:\`button\`},on:{\`click\`:function($event){_vm.installmentPeriod = null}}}],_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-form.frequency.onetime'))+\`\\n
\`)))]))],(_vm.changeThe)?_c('p',{staticClass:\`mt-2\`,domProps:{\`innerHTML\`:_vm._s(_vm.$t('donate-
form.result.sentence', { target: _vm.changeThe })))}):_vm._e(),_c('div',{staticClass:\`mt-
4\`},[_c('input',{attrs:{\`name\`:\`org_id\`,\`value\`:\`icij\`,\`type\`:\`hidden\`}}),_c('input',{directives:[{name:\`mo
del\`,rawName:\`v-
model\`,value:(_vm.installmentPeriod),expression:\`installmentPeriod\`}],attrs:{\`name\`:\`installmentPeriod\`,\`ty
pe\`:\`hidden\`},domProps:{\`value\`:(_vm.installmentPeriod)},on:{\`input\`:function($event){if($event.target.com
posing){ return; }_vm.installmentPeriod=$event.target.value}})],_c('button',{staticClass:\`btn btn-primary rounded-
pill text-uppercase font-weight-bold\`,attrs:{\`type\`:\`submit\`}}],_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-
form.submit'))+\`\\n
\`))],_c('a',{staticClass:\`donate-
form__payment__image\`,attrs:{\`target\`:\`_blank\`,\`href\`:\`https://icij.org/donate\`}})])))]),_c('div',{staticClass:\`
donate-form__insider\`},[_c('h2',{staticClass:\`donate-form__insider__title\`},[_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-form.benefits.heading'))+\`\\n
\`))],_c('p',[_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-
form.benefits.introduction'))+\`\\n
\`))],_c('div',{staticClass:\`donate-form__insider__modal__container
row\`},[_c('div',{staticClass:\`col\`},[_c('h3',{staticClass:\`donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\`},[_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-
form.benefits.impacts.conversation.heading'))+\`\\n
\`))],_c('div',{staticClass:\`Article\`},[_c('div',[_c('p',{staticClass:\`donate-form__insider__highlight text-icij font-
weight-bold\`},[_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-
form.benefits.impacts.conversation.highlight'))+\`\\n
\`))],_c('ul',{staticClass:\`donate-
form__insider__list\`},_vm._l((_vm.$t('donate-form.benefits.impacts.conversation.list')),function(t){return
_c('li',{staticClass:\`donate-form__insider__list-item\`},[_vm._v(\`\\n
\`+_vm._s(t))+\`\\n
\`)))])))]))],_c('div',{staticClass:\`col\`},[_c('h3',{staticClass:\`donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\`},[_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-
form.benefits.impacts.rules.heading'))+\`\\n
\`))],_c('div',{staticClass:\`Article\`},[_c('div',[_c('p',{staticClass:\`donate-form__insider__highlight text-icij font-
weight-bold\`},[_vm._v(\`\\n
\`+_vm._s(_vm.$t('donate-form.benefits.impacts.rules.highlight'))+\`\\n
\`))],_c('ul',{staticClass:\`donate-form__insider__list\`},_vm._l((_vm.$t('donate-
form.benefits.impacts.rules.list')),function(t){return _c('li',{staticClass:\`donate-form__insider__list-
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item\"},{_vm._v(\"\\n          \"+_vm._s(t)+\"\\n
\\\"))}}))}})),_c('div',{staticClass:\"col\"},{_c('h3',{staticClass:\"donate-form__insider__subtitle text-uppercase font-
weight-bold text-primary h5\"},{_vm._v(\"\\n          \"+_vm._s(_vm.$t('donate-
form.benefits.impacts.world.heading'))+\"\\n
\\\"))},_c('div',{staticClass:\"Article\"},{_c('div',{_c('p',{staticClass:\"donate-form__insider__highlight text-icij font-
weight-bold\"},{_vm._v(\"\\n          \"+_vm._s(_vm.$t('donate-form.benefits.impacts.world.highlight'))+\"\\n
          \\\"))},_c('ul',{staticClass:\"donate-form__insider__list\"},{_vm._l((_vm.$t('donate-
form.benefits.impacts.world.list')),function(t){return _c('li',{staticClass:\"donate-form__insider__list-
item\"},{_vm._v(\"\\n          \"+_vm._s(t)+\"\\n          \\\"))}}))}}))}},_c('hr',{staticClass:\"donate-
form__insider__separator\"}),_c('div',{staticClass:\"donate-form__insider__more text-
center\"},{_c('a',{staticClass:\"btn btn-primary rounded-pill text-uppercase font-weight-bold py-
2\",attrs:{\"target\": \"_blank\", \"href\": \"https://icij.org/donate\"}},{_vm._v(\"\\n          \"+_vm._s(_vm.$t('donate-
form.benefits.more'))+\"\\n          \\\"))}}))},2)}\\nvar staticRenderFns = [function () { var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('span',{staticClass:\"input-group-
prepend\"},{_c('span',{staticClass:\"input-group-text\"},{_vm._v(\"$\"))})}\\n\\nexport { render, staticRenderFns
}","<template>\\n <div class=\\\"donate-form container-fluid py-2\\\">\\n <h2 class=\\\"text-uppercase font-weight-bold
text-primary h5\\\" v-if=\\\"!noTitle\\\">\\n   {{ $t('donate-form.support') }}\\n </h2>\\n <!-- @slot Description of the
form (bellow the title). -->\\n <slot name=\\\"introduction\\\">\\n <p v-html=\\\"$t('donate-
form.introduction')\\\"></p>\\n </slot>\\n <div class=\\\"donate-form__payment mb-4\\\">\\n <form
action=\\\"//checkout.fundjournalism.org/memberform\\\" method=\\\"get\\\" target=\\\"_blank\\\" class=\\\"donate-
form__payment__form bg-light p-4\\\">\\n <h3 class=\\\"donate-form__payment__title h5 mb-4\\\">\\n
<strong>\\n   {{ $t('donate-form.join-heading') }}\\n </strong>\\n </h3>\\n <div>\\n
<span>{{ $t('donate-form.label') }}&nbsp;</span>\\n <label class=\\\"donate-form__payment__unit input-
group input-group-sm d-inline-flex\\\">\\n <span class=\\\"input-group-prepend\\\">\\n <span
class=\\\"input-group-text\\\">$</span>\\n </span>\\n <input class=\\\"donate-form__payment__input
form-control\\\" name=\\\"amount\\\" v-model=\\\"amount\\\" @change=\\\"amountIsPristine = false\\\" type=\\\"number\\\"
min=\\\"0\\\">\\n </label>\\n <span class=\\\"donate-form__payment__buttons\\\">\\n <button
type=\\\"button\\\" class=\\\"btn btn-sm\\\" :class=\\\"{ 'btn-primary': installmentPeriod === 'monthly' }\\\"
@click=\\\"installmentPeriod = 'monthly'\\\">\\n   {{ $t('donate-form.frequency.monthly') }}\\n
</button>\\n <button type=\\\"button\\\" class=\\\"btn btn-sm\\\" :class=\\\"{ 'btn-primary': installmentPeriod ===
'yearly' }\\\" @click=\\\"installmentPeriod = 'yearly'\\\">\\n   {{ $t('donate-form.frequency.yearly') }}\\n
</button>\\n <button type=\\\"button\\\" class=\\\"btn btn-sm\\\" :class=\\\"{ 'btn-primary': installmentPeriod ===
null }\\\" @click=\\\"installmentPeriod = null\\\">\\n   {{ $t('donate-form.frequency.onetime') }}\\n
</button>\\n </span>\\n </div>\\n <p v-if=\\\"changeThe\\\" class=\\\"mt-2\\\" v-html=\\\"$t('donate-
form.result.sentence', { target: changeThe })\\\"></p>\\n <div class=\\\"mt-4\\\">\\n <input name=\\\"org_id\\\"
value=\\\"icij\\\" type=\\\"hidden\\\">\\n <input name=\\\"installmentPeriod\\\" v-model=\\\"installmentPeriod\\\"
type=\\\"hidden\\\">\\n <button type=\\\"submit\\\" class=\\\"btn btn-primary rounded-pill text-uppercase font-weight-
bold\\\">\\n   {{ $t('donate-form.submit') }}\\n </button>\\n <a target=\\\"_blank\\\"
href=\\\"https://icij.org/donate\\\" class=\\\"donate-form__payment__image\\\"></a>\\n </div>\\n </form>\\n
</div>\\n <div class=\\\"donate-form__insider\\\">\\n <h2 class=\\\"donate-form__insider__title\\\">\\n   {{
$t('donate-form.benefits.heading') }}\\n </h2>\\n <p>\\n   {{ $t('donate-form.benefits.introduction') }}\\n
</p>\\n <div class=\\\"donate-form__insider__modal__container row\\\">\\n <div class=\\\"col\\\">\\n <h3
class=\\\"donate-form__insider__subtitle text-uppercase font-weight-bold text-primary h5\\\">\\n   {{
$t('donate-form.benefits.impacts.conversation.heading') }}\\n </h3>\\n <div class=\\\"Article\\\">\\n
<div>\\n <p class=\\\"donate-form__insider__highlight text-icij font-weight-bold\\\">\\n
{{ $t('donate-form.benefits.impacts.conversation.highlight') }}\\n </p>\\n <ul
class=\\\"donate-form__insider__list\\\">\\n <li class=\\\"donate-form__insider__list-item\\\" v-for=\\\"t in
$t('donate-form.benefits.impacts.conversation.list')\\\">\\n   {{ t }}\\n </li>\\n

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</ul>\n      </div>\n      </div>\n      </div>\n      <div class=\"col\">\n        <h3 class=\"donate-
form__insider__subtitle text-uppercase font-weight-bold text-primary h5\">\n          {{ $t('donate-
form.benefits.impacts.rules.heading') }}\n        </h3>\n        <div class=\"Article\">\n          <div>\n            <p class=\"donate-form__insider__highlight text-icij font-weight-bold\">\n              {{ $t('donate-
form.benefits.impacts.rules.highlight') }}\n            </p>\n            <ul class=\"donate-
form__insider__list\">\n              <li class=\"donate-form__insider__list-item\" v-for=\"t in $t('donate-
form.benefits.impacts.rules.list')\">\n                {{ t }}\n              </li>\n            </ul>\n          </div>\n        </div>\n      </div>\n      <div class=\"col\">\n        <h3 class=\"donate-
form__insider__subtitle text-uppercase font-weight-bold text-primary h5\">\n          {{ $t('donate-
form.benefits.impacts.world.heading') }}\n        </h3>\n        <div class=\"Article\">\n          <div>\n            <p class=\"donate-form__insider__highlight text-icij font-weight-bold\">\n              {{ $t('donate-
form.benefits.impacts.world.highlight') }}\n            </p>\n            <ul class=\"donate-
form__insider__list\">\n              <li class=\"donate-form__insider__list-item\" v-for=\"t in $t('donate-
form.benefits.impacts.world.list')\">\n                {{ t }}\n              </li>\n            </ul>\n          </div>\n        </div>\n      </div>\n      </div>\n      </div>\n      <hr class=\"donate-form__insider__separator\">\n      <div
class=\"donate-form__insider__more text-center\">\n        <a target=\"_blank\" href=\"https://icij.org/donate\"
class=\"btn btn-primary rounded-pill text-uppercase font-weight-bold py-2\">\n          {{ $t('donate-
form.benefits.more') }}\n        </a>\n      </div>\n    </div>\n  </div>\n</template>\n<script>\n  import i18n from
'@/i18n'\n  import keys from 'lodash/keys'\n  import map from 'lodash/map'\n  import sortBy from 'lodash/sortBy'\n
import forEach from 'lodash/forEach'\n  import config from './config'\n  /**\n   * A form to encourage donations.
We usually put this form inside a modal\n   *\n   * export default {\n     i18n,\n     name: 'DonateForm',\n     props: {\n
/**\n     * Title of the form.\n     * ^\n     noTitle: {\n       type: Boolean\n     },\n     /**\n     * Description of the
form (bellow the title).\n     * ^\n     introduction: {\n       type: String,\n       default: () => config.get('donate-
form.introduction')\n     },\n     data() {\n       return {\n         amount: 15,\n         // True if the amount wasn't
changed by the user yet\n         amountIsPristine: true,\n         installmentPeriod: 'monthly',\n         labelForChange: {\n
          'monthly': {\n            3: this.$t('donate-form.result.conversation'),\n            15: this.$t('donate-
form.result.rules'),\n            50: this.$t('donate-form.result.world')\n          },\n          'yearly': {\n            35:
this.$t('donate-form.result.conversation'),\n            180: this.$t('donate-form.result.rules'),\n            600:
this.$t('donate-form.result.world')\n          }\n        },\n        watch: {\n          installmentPeriod
(installmentPeriod) {\n            if (!this.amountIsPristine) {\n              return\n            }\n            if (installmentPeriod ===
'monthly') {\n              this.$set(this, 'amount', 15)\n            } else {\n              this.$set(this, 'amount', 100)\n            }\n          }\n        },\n        computed: {\n          changeThe () {\n            const ranges = this.labelForChange[this.installmentPeriod ||
'yearly'];\n            // Final label\n            let label = null;\n            forEach(sortBy(map(keys(ranges), Number)), amount =>
{\n              label = this.amount >= amount ? ranges[amount] : label;\n            });\n            return label;\n          }\n        }\n      }\n    </script>\n    <style lang=\"scss\">\n      @import './styles/lib.scss';\n      .donate-form {\n        font-size: 0.9rem;\n        &__payment {\n          & &__unit {\n            width: 120px;\n            margin-right: $spacer;\n          }\n        }\n        @media screen and
(max-width: $modal-lg) {\n          width: 100%;\n          flex: 0 0 100%;\n        }\n      }\n      &__insider {\n        &__list {\n          padding-left: 20px;\n        }\n        &-item {\n          position: relative;\n          margin: 3px 0;\n          list-
style: none;\n        }\n        &:before {\n          content: '\\2713';\n          position: absolute;\n          left: -16px;\n          font-size: 14px;\n          font-weight: 700;\n          color: #333;\n          font-family: $font-family-sans-serif;\n        }\n      }\n      &__modal__container .col {\n        @media screen and (max-width: $modal-lg) {\n          width: 100%;\n          flex: 0 0 100%;\n        }\n      }\n    </style>\n  ", "import mod from '\n
!././node_modules/cache-loader/dist/cjs.js??ref--12-0!././node_modules/thread-
loader/dist/cjs.js!././node_modules/babel-loader/lib/index.js!././node_modules/cache-loader/dist/cjs.js??ref--0-
0!././node_modules/vue-loader/lib/index.js??vue-loader-options!./DonateForm.vue?vue&type=script&lang=js&";
export default mod; export * from '\n!././node_modules/cache-loader/dist/cjs.js??ref--12-
0!././node_modules/thread-loader/dist/cjs.js!././node_modules/babel-loader/lib/index.js!././node_modules/cache-
loader/dist/cjs.js??ref--0-0!././node_modules/vue-loader/lib/index.js??vue-loader-

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options!./DonateForm.vue?vue&type=script&lang=js&""import { render, staticRenderFns } from
\"./DonateForm.vue?vue&type=template&id=4fe5468d&\"\\nimport script from
\"./DonateForm.vue?vue&type=script&lang=js&\"\\nexport * from
\"./DonateForm.vue?vue&type=script&lang=js&\"\\nimport style0 from
\"./DonateForm.vue?vue&type=style&index=0&lang=scss&\"\\n\\n\\n/* normalize component */\\nimport normalize
from \"!..../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\\nvar component = normalize(\\n
script,\\n render,\\n staticRenderFns,\\n false,\\n null,\\n null,\\n null\\n \\n)\\n\\ncomponent.options.__file =
\"DonateForm.vue\"\\nexport default component.exports,\"var render = function () {var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:\"embeddable-footer p-2 text-
nowrap\"}),[_c('a',{staticClass:\"text-white embeddable-
footer__brand\",attrs:{\"href\":_vm.homeUrl,\"target\":'_blank\"}),[_c('img',{staticClass:\"mr-
2\",attrs:{\"src\":require(\"../assets/images/icij-white@2x.png\"),\"height\":'20\"}),_vm._v(\"\\n
'+_vm._s(_vm.title)+'\\n \\n\"))],_c('div',{staticClass:\"embeddable-footer__lead small text-
truncate\",domProps:{\"innerHTML\":_vm._s(_vm.lead)}]),_c('button',{staticClass:\"btn btn-link text-white btn-sm
py-0 embeddable-footer__share-btn\",class:{ active: _vm.showShareOptions
},on:{\"click\":function($event){_vm.showShareOptions =
!_vm.showShareOptions }},[_c('fa',{attrs:{\"icon\":'share-alt\"}),_c('span',{staticClass:\"sr-
only\"}),[_vm._v(_vm._s(_vm.$t('embeddable-footer.share'))))])),1),(_vm.showShareOptions)?_c('sharing-
options',{attrs:{\"values\":_vm.sharingOptionsValues,\"direction\":'column-reverse\",'iframe-min-
height\":_vm.iframeMinHeight,\"iframe-min-width\":_vm.iframeMinWidth}):_vm._e(),1)}\\nvar staticRenderFns
= []\\n\\nexport { render, staticRenderFns }\",/**\\n * @this {Promise}\\n *\\nfunction finallyConstructor(callback) {\\n
var constructor = this.constructor;\\n return this.then(\\n function(value) {\\n return
constructor.resolve(callback()).then(function() {\\n return value;\\n });\\n },\\n function(reason) {\\n
return constructor.resolve(callback()).then(function() {\\n return constructor.reject(reason);\\n });\\n }\\n
);\\n}\\n\\nexport default finallyConstructor;\\n\",import promiseFinally from './finally';\\n\\n// Store setTimeout
reference so promise-polyfill will be unaffected by\\n// other code modifying setTimeout (like
sinon.useFakeTimers())\\nvar setTimeoutFunc = setTimeout;\\n\\nfunction noop() { }\\n\\n// Polyfill for
Function.prototype.bind\\nfunction bind(fn, thisArg) {\\n return function() {\\n fn.apply(thisArg, arguments);\\n
};\\n}\\n\\n/**\\n * @constructor\\n * @param {Function} fn\\n *\\nfunction Promise(fn) {\\n if (!(this instanceof
Promise))\\n throw new TypeError('Promises must be constructed via new');\\n if (typeof fn !== 'function') throw
new TypeError('not a function');\\n /** @type {!number} */\\n this._state = 0;\\n /** @type {!boolean} */\\n
this._handled = false;\\n /** @type {Promise|undefined} */\\n this._value = undefined;\\n /** @type
{!Array<!Function>} */\\n this._deferreds = [];\\n\\n doResolve(fn, this);\\n}\\n\\nfunction handle(self, deferred) {\\n
while (self._state === 3) {\\n self = self._value;\\n }\\n if (self._state === 0) {\\n self._deferreds.push(deferred);\\n
return;\\n }\\n self._handled = true;\\n Promise._immediateFn(function() {\\n var cb = self._state === 1 ?
deferred.onFulfilled : deferred.onRejected;\\n if (cb === null) {\\n (self._state === 1 ? resolve :
reject)(deferred.promise, self._value);\\n return;\\n }\\n var ret;\\n try {\\n ret = cb(self._value);\\n } catch
(e) {\\n reject(deferred.promise, e);\\n return;\\n }\\n resolve(deferred.promise, ret);\\n });\\n}\\n\\nfunction
resolve(self, newValue) {\\n try {\\n // Promise Resolution Procedure: https://github.com/promises-aplus/promises-
spec#the-promise-resolution-procedure\\n if (newValue === self)\\n throw new TypeError('A promise cannot be
resolved with itself.');// if (\\n newValue &&\\n (typeof newValue === 'object' || typeof newValue ===
'function'))\\n ) {\\n var then = newValue.then;\\n if (newValue instanceof Promise) {\\n self._state = 3;\\n
self._value = newValue;\\n finale(self);\\n return;\\n } else if (typeof then === 'function') {\\n
doResolve(bind(then, newValue), self);\\n return;\\n }\\n }\\n self._state = 1;\\n self._value = newValue;\\n
finale(self);\\n } catch (e) {\\n reject(self, e);\\n }\\n}\\n\\nfunction reject(self, newValue) {\\n self._state = 2;\\n
self._value = newValue;\\n finale(self);\\n}\\n\\nfunction finale(self) {\\n if (self._state === 2 &&
self._deferreds.length === 0) {\\n Promise._immediateFn(function() {\\n if (!self._handled) {\\n
Promise._unhandledRejectionFn(self._value);\\n }\\n });\\n }\\n }\\n for (var i = 0, len = self._deferreds.length; i <

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len; i++) {\n  handle(self, self._deferreds[i]);\n }\n self._deferreds = null;\n\n\n\n * @constructor\n *\n\n\n function Handler(onFulfilled, onRejected, promise) {\n  this.onFulfilled = typeof onFulfilled === 'function' ?\n  onFulfilled : null;\n  this.onRejected = typeof onRejected === 'function' ? onRejected : null;\n  this.promise =\n  promise;\n\n\n\n * Take a potentially misbehaving resolver function and make sure\n * onFulfilled and\n * onRejected are only called once.\n *\n * Makes no guarantees about asynchrony.\n *\n\n\n function doResolve(fn, self)\n {\n  var done = false;\n  try {\n    fn(\n      function(value) {\n        if (done) return;\n        done = true;\n        resolve(self, value);\n      },\n      function(reason) {\n        if (done) return;\n        done = true;\n        reject(self,\n        reason);\n      }\n    );\n  } catch (ex) {\n    if (done) return;\n    done = true;\n    reject(self, ex);\n  }\n}\n\n\nPromise.prototype['catch'] = function(onRejected) {\n  return this.then(null,\n  onRejected);\n};\n\n\nPromise.prototype.then = function(onFulfilled, onRejected) {\n  // @ts-ignore\n  var prom =\n  new this.constructor(noop);\n\n  handle(this, new Handler(onFulfilled, onRejected, prom));\n  return\n  prom;\n};\n\n\nPromise.prototype['finally'] = promiseFinally;\n\n\nPromise.all = function(arr) {\n  return new\n  Promise(function(resolve, reject) {\n    if (!arr || typeof arr.length === 'undefined')\n      throw new\n      TypeError('Promise.all accepts an array');\n    var args = Array.prototype.slice.call(arr);\n    if (args.length === 0)\n      return resolve([]);\n    var remaining = args.length;\n\n    function res(i, val) {\n      try {\n        if (val && (typeof val\n        === 'object' || typeof val === 'function')) {\n          var then = val.then;\n          if (typeof then === 'function') {\n            then.call(\n              val,\n              function(val) {\n                res(i, val);\n              },\n              reject\n            );\n            return;\n          }\n        }\n        args[i] = val;\n        if (--remaining === 0) {\n          resolve(args);\n        }\n      } catch (ex) {\n        reject(ex);\n      }\n    }\n\n    for (var i = 0; i < args.length; i++) {\n      res(i, args[i]);\n    }\n  });\n};\n\n\nPromise.resolve = function(value) {\n  if (value && typeof value === 'object' && value.constructor ===\n  Promise) {\n    return value;\n  }\n  return new Promise(function(resolve) {\n    resolve(value);\n  });\n};\n\n\nPromise.reject = function(value) {\n  return new Promise(function(resolve, reject) {\n    reject(value);\n  });\n};\n\n\nPromise.race = function(values) {\n  return new Promise(function(resolve, reject) {\n    for (var i = 0, len\n    = values.length; i < len; i++) {\n      values[i].then(resolve, reject);\n    }\n  });\n};\n\n\n\n// Use polyfill for\nsetImmediate for performance gains\n\nPromise._immediateFn =\n (typeof setImmediate === 'function' &&\n function(fn) {\n  setImmediate(fn);\n }) ||\n function(fn) {\n  setTimeoutFunc(fn, 0);\n };\n\n\nPromise._unhandledRejectionFn = function _unhandledRejectionFn(err) {\n  if (typeof console !== 'undefined'\n  && console) {\n    console.warn('Possible Unhandled Promise Rejection:', err); // eslint-disable-line no-console\n  }\n};\n\n\n\nexport default Promise;\n\n", "import memoize from 'lodash/memoize'\nimport flatten from\n'lodash/flatten'\nimport Promise from 'promise-polyfill';\n\nexport const injectAsset = memoize(function(file) {\n  return new Promise(resolve => {\n    const parent = document.querySelector(\"body\") ||\n    document.querySelector(\"head\");\n    const parts = file.split(\".\");\n    const ext = parts[parts.length-\n    1].toLowerCase();\n    switch(ext) {\n      case \"js\":\n        var script = document.createElement('script');\n        script.setAttribute(\"type\", \"text/javascript\");\n        script.onload = resolve\n        parent.appendChild(script);\n        script.setAttribute(\"src\", file);\n        break;\n      case \"css\":\n        var css = document.createElement('link');\n        css.setAttribute(\"rel\", \"stylesheet\");\n        css.setAttribute(\"type\", \"text/css\");\n        css.onload = resolve\n        parent.appendChild(css);\n        css.setAttribute(\"href\", file);\n        break;\n    }\n  });\n});\n\n\nexport const\ninjectAssets = function() {\n  const files = flatten(arguments)\n  return new Promise(resolve => {\n    var\n    filesLoaded = 0;\n    var allFilesLoaded = function() {\n      if(++filesLoaded == files.length) {\n        resolve();\n      }\n    }\n    for(var i=0; i < files.length ; i++) {\n      injectAsset(files[i]).then(allFilesLoaded)\n    }\n  });\n};\n\n\n", "import every from 'lodash/every'\nimport { injectAssets } from './assets'\n// Will hold the pym instance\nonce\nvar pymChild = null\n// URL parameters generated by Pym\nconst pymParams = ['initialWidth', 'childId',\n'parentUrl', 'parentTitle']\n\nexport default class IFrameResizer {\n  constructor () {\n    this.initializer =\n    injectAssets(//pym.nprapps.org/pym.v1.min.js').then(() => {\n      pymChild = pymChild || new\n      window.pym.Child({ polling: 300 })\n      return pymChild\n    })\n    return this.initializer\n  }\n  sendHeight () {\n    this.initializer.then(pymChild => pymChild.sendHeight())\n  }\n  static create () {\n    return new IFrameResizer()\n  }\n  static template(url, id = 'icij-' + Date.now().toString(32)) {\n    return [\n      `<script type=\\\"text/javascript\\\"`\n      src=\\\"https://pym.nprapps.org/pym.v1.min.js\\\"></script>`,\n      `<div id=\\\"${id}\\\"></div>`,\n      `<script>`,\n
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`var icijIframe = new pym.Parent(`"${id}"`, `"${IframeResizer.deletePymParams(url)}"`, {}),`n    `</script>`,`n
],join(`\n`)\n }`n static deletePymParams(href = window.location.href) {`n    const url = new URL(href);`n    //
Remove all unwanted param`n    for (let param of pymParams) url.searchParams.delete(param);`n    // Rebuild the
URL`n    return url.href`n }`n static isEmbedded (href = window.location.href) {`n    const url = new URL(href);`n
return every(pymParams, param => url.searchParams.has(param))`n }`n`n`, "var render = function () { var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:"sharing-
options",style:_vm.style}),[_c('social-sharing',_vm._b({inlineTemplate:{render:function(){var _vm=this;var
_h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:"sharing-
options__link",attrs:{\"network\":\"twitter\"}},[_c('fa',{attrs:{\"icon\":\"fab\",'twitter'}})],_c('span',{staticClass:"sr-
only\"}),[_vm._v(\"Share on Twitter\")]),1)},staticRenderFns:[]]},{\"social-
sharing\",_vm.valuesFor('twitter'),false}),_c('social-sharing',_vm._b({inlineTemplate:{render:function(){var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:"sharing-
options__link",attrs:{\"network\":\"facebook\"}},[_c('fa',{attrs:{\"icon\":\"fab\",
'facebook'}})],_c('span',{staticClass:"sr-only\"}),[_vm._v(\"Share on
Facebook\")]),1)},staticRenderFns:[]]},{\"social-sharing\",_vm.valuesFor('facebook'),false}),_c('social-
sharing',_vm._b({inlineTemplate:{render:function(){var _vm=this;var _h=_vm.$createElement;var
_c=_vm._self._c||_h;return _c('network',{staticClass:"sharing-
options__link",attrs:{\"network\":\"linkedin\"}},[_c('fa',{attrs:{\"icon\":\"fab\",
'linkedin'}})],_c('span',{staticClass:"sr-only\"}),[_vm._v(\"Share on LinkedIn\")]),1)},staticRenderFns:[]]},{\"social-
sharing\",_vm.valuesFor('linkedin'),false}),_c('social-sharing',_vm._b({inlineTemplate:{render:function(){var
_vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('network',{staticClass:"sharing-
options__link",attrs:{\"network\":\"email\"}},[_c('fa',{attrs:{\"icon\":\"envelope\"}})],_c('span',{staticClass:"sr-
only\"}),[_vm._v(\"Share by email\")]),1)},staticRenderFns:[]]},{\"social-
sharing\",_vm.valuesFor('email'),false}),_c('div',{directives:[{name:\"show\",rawName:\"v-
show\",value:(!_vm.noEmbed),expression:\"!noEmbed\"}],staticClass:\"sharing-
options__link\"}),[_c('a',{on:{\"click\":_vm.showEmbedForm}},[_c('fa',{attrs:{\"icon\":\"code\"}})],_c('span',{static
Class:\"sr-only\"}),[_vm._v(\"Embed\")]),1]),_c('b-modal',{ref:\"embedForm\",staticClass:\"text-
dark\",attrs:{\"hide-footer\":\"\", \"title\":\"Embed on your website\"}),[_c('embed-form',{attrs:{\"no-title\":\"\", \"no-
preview\":\"\", \"min-height\":_vm.iframeMinHeight, \"min-width\":_vm.iframeMinWidth}})],1),1)`n`nvar
staticRenderFns = []`n`nexport { render, staticRenderFns }`, "var
__assign=function(){return(__assign=Object.assign||function(e){for(var a,s=1,t=arguments.length;s<t;s++)for(var r
in a=arguments[s])Object.prototype.hasOwnProperty.call(a,r)&&(e[r]=a[r]);return
e}).apply(this,arguments)};function mergeData(){for(var e,a,s={ },t=arguments.length;t--;)for(var
r=0,c=Object.keys(arguments[t]);r<c.length;r++)switch(e=c[r]){case\"class\":case\"style\":case\"directives\":Array.i
sArray(s[e])||(s[e]=[]),s[e]=s[e].concat(arguments[t][e]);break;case\"staticClass\":if(!arguments[t][e])break;void
0===s[e]&&(s[e]=\"\"),s[e]&&(s[e]+=\"
\"),s[e]+=arguments[t][e].trim();break;case\"on\":case\"nativeOn\":s[e]||(s[e]={ });for(var
n=0,o=Object.keys(arguments[t][e]);n<o.length;n++)a=o[n],s[e][a]?s[e][a]=[].concat(s[e][a],arguments[t][e][a]):
s[e][a]=arguments[t][e][a];break;case\"attrs\":case\"props\":case\"domProps\":case\"scopedSlots\":case\"staticStyle\"
:case\"hook\":case\"transition\":s[e]||(s[e]={ }),s[e]=__assign({ },arguments[t][e],s[e]);break;case\"slot\":case\"key\"
:case\"ref\":case\"tag\":case\"show\":case\"keepAlive\":default:s[e]||(s[e]=arguments[t][e])}return
s}export{mergeData};`n`n/# sourceMappingURL=lib.esm.js.map`n`n, \"/**\n * Aliasing Object[method] allows the
minifier to shorten methods to a single character variable,\n * as well as giving BV a chance to inject polyfills.\n *
As long as we avoid\n * - import * as Object from \"utils/object\"\n * all unused exports should be removed by tree-
shaking.\n */\n`n`n @link https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Reference/Global_Objects/Object/assign`nif (typeof Object.assign !== 'function') {`n
Object.assign = function (target, varArgs) {`n    // .length of function is 2`n`n    if (target == null) {`n    // TypeError
if undefined or null`n    throw new TypeError('Cannot convert undefined or null to object');`n    }`n`n    var to =

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Object(target);\n\n  for (var index = 1; index < arguments.length; index++) {\n    var nextSource =
arguments[index];\n    if (nextSource != null) {\n      // Skip over if undefined or null\n      for (var nextKey in
nextSource) {\n        // Avoid bugs when hasOwnProperty is shadowed\n        if
(Object.prototype.hasOwnProperty.call(nextSource, nextKey)) {\n          to[nextKey] = nextSource[nextKey];\n
        }\n      }\n    }\n    return to;\n  };\n}\n\n// @link https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Reference/Global_Objects/Object/is#Polyfill\nif (!Object.is) {\n  Object.is = function (x,
y) {\n    // SameValue algorithm\n    if (x === y) {\n      // Steps 1-5, 7-10\n      // Steps 6.b-6.e: +0 != -0\n      return
x !== 0 || 1 / x === 1 / y;\n    } else {\n      // Step 6.a: NaN == NaN\n      // eslint-disable-next-line no-self-
compare\n      return x !== x && y !== y;\n    }\n  };\n}\n\nexport var assign = Object.assign;\nexport var
getOwnPropertyNames = Object.getOwnPropertyNames;\nexport var keys = Object.keys;\nexport var
defineProperties = Object.defineProperties;\nexport var defineProperty = Object.defineProperty;\nexport var freeze
= Object.freeze;\nexport var getOwnPropertyDescriptor = Object.getOwnPropertyDescriptor;\nexport var
getOwnPropertySymbols = Object.getOwnPropertySymbols;\nexport var getPrototypeOf =
Object.getPrototypeOf;\nexport var create = Object.create;\nexport var isFrozen = Object.isFrozen;\nexport var is =
Object.is;\n\nexport function readonlyDescriptor() {\n  return { enumerable: true, configurable: false, writable: false
};\n}\n\n// Production steps of ECMA-262, Edition 6, 22.1.2.1\n// es6-ified by @alexsharegan\nif (!Array.from) {\n  Array.from = function () {\n    var toStr = Object.prototype.toString;\n    var isCallable = function isCallable(fn) {\n
      return typeof fn === 'function' || toStr.call(fn) === '[object Function]';\n    };\n    var toInteger = function
toInteger(value) {\n      var number = Number(value);\n      if (isNaN(number)) {\n        return 0;\n      }\n      if
(number === 0 || !isFinite(number)) {\n        return number;\n      }\n      return (number > 0 ? 1 : -1) *
Math.floor(Math.abs(number));\n    };\n    var maxSafeInteger = Math.pow(2, 53) - 1;\n    var toLength = function
toLength(value) {\n      return Math.min(Math.max(toInteger(value), 0), maxSafeInteger);\n    };\n\n    // The length
property of the from method is 1.\n    return function from(arrayLike /*, mapFn, thisArg */) {\n      // 1. Let C be the
this value.\n      var C = this;\n\n      // 2. Let items be ToObject(arrayLike).\n      var items = Object(arrayLike);\n\n
      // 3. ReturnIfAbrupt(items).\n      if (arrayLike == null) {\n        throw new TypeError('Array.from requires an
array-like object - not null or undefined');\n      }\n\n      // 4. If mapfn is undefined, then let mapping be false.\n
      var mapFn = arguments.length > 1 ? arguments[1] : void undefined;\n      var T = void 0;\n\n      if (typeof mapFn
!== 'undefined') {\n        // 5. else\n        // 5. a If IsCallable(mapfn) is false, throw a TypeError exception.\n        if
(!isCallable(mapFn)) {\n          throw new TypeError('Array.from: when provided, the second argument must be a
function');\n        }\n\n        // 5. b. If thisArg was supplied, let T be thisArg; else let T be undefined.\n        if
(arguments.length > 2) {\n          T = arguments[2];\n        }\n      }\n\n      // 10. Let lenValue be Get(items,
'length').\n      // 11. Let len be ToLength(lenValue).\n      var len = toLength(items.length);\n\n      // 13. If
IsConstructor(C) is true, then\n      // 13. a. Let A be the result of calling the [[Construct]] internal method\n      // of
C with an argument list containing the single item len.\n      // 14. a. Else, Let A be ArrayCreate(len).\n      var A =
isCallable(C) ? Object(new C(len)) : new Array(len);\n\n      // 16. Let k be 0.\n      var k = 0;\n      // 17. Repeat,
while k < len... (also steps a - h)\n      var kValue = void 0;\n      while (k < len) {\n        kValue = items[k];\n        if
(mapFn) {\n          A[k] = typeof T === 'undefined' ? mapFn(kValue, k) : mapFn.call(T, kValue, k);\n        } else {\n
          A[k] = kValue;\n        }\n        k += 1;\n      }\n      // 18. Let putStatus be Put(A, 'length', len, true).\n
A.length = len;\n      // 20. Return A.\n      return A;\n    };\n  };\n}\n\n// https://tc39.github.io/ecma262/#sec-
array.prototype.find\n// Needed for IE support\nif (!Array.prototype.find) {\n  // eslint-disable-next-line no-extend-
native\n  Object.defineProperty(Array.prototype, 'find', {\n    value: function value(predicate) {\n      // 1. Let O be ?
ToObject(this value).\n      if (this == null) {\n        throw new TypeError('"this" is null or not defined');\n      }\n
      var o = Object(this);\n      // 2. Let len be ? ToLength(? Get(O, 'length')).\n      var len = o.length >>> 0;\n
      // 3. If IsCallable(predicate) is false, throw a TypeError exception.\n      if (typeof predicate !== 'function') {\n
        throw new TypeError('predicate must be a function');\n      }\n      // 4. If thisArg was supplied, let T be thisArg;
else let T be undefined.\n      var thisArg = arguments[1];\n      // 5. Let k be 0.\n      var k = 0;\n      // 6. Repeat,
while k < len\n      while (k < len) {\n        // a. Let Pk be ! ToString(k).\n        // b. Let kValue be ? Get(O, Pk).\n
        // c. Let testResult be ToBoolean(? Call(predicate, T, « kValue, k, O »)).\n        // d. If testResult is true, return

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    });\n\n// Test if an element has a class\nexport var hasClass = function hasClass(el, className) {\n  if (className
  && isElement(el)) {\n    return el.classList.contains(className);\n  }\n  return false;\n};\n\n// Set an attribute on an
  element\nexport var setAttr = function setAttr(el, attr, value) {\n  if (attr && isElement(el)) {\n    el.setAttribute(attr,
  value);\n  }\n};\n\n// Remove an attribute from an element\nexport var removeAttr = function removeAttr(el, attr)
  {\n  if (attr && isElement(el)) {\n    el.removeAttribute(attr);\n  }\n};\n\n// Get an attribute value from an element
  (returns null if not found)\nexport var getAttr = function getAttr(el, attr) {\n  if (attr && isElement(el)) {\n    return
  el.getAttribute(attr);\n  }\n  return null;\n};\n\n// Determine if an attribute exists on an element (returns true or false,
  or null if element not found)\nexport var hasAttr = function hasAttr(el, attr) {\n  if (attr && isElement(el)) {\n
  return el.hasAttribute(attr);\n  }\n  return null;\n};\n\n// Return the Bounding Client Rec of an element. Returns null
  if not an element\nexport var getBCR = function getBCR(el) {\n  return isElement(el) ? el.getBoundingClientRect()
  : null;\n};\n\n// Get computed style object for an element\nexport var getCS = function getCS(el) {\n  return
  isElement(el) ? window.getComputedStyle(el) : {};\n};\n\n// Return an element's offset wrt document element\n//
  https://j11y.io/jquery/#v=git&fn=jQuery.fn.offset\nexport var offset = function offset(el) {\n  if (isElement(el)) {\n
  if (!el.getClientRects().length) {\n    return { top: 0, left: 0 };\n  }\n  var bcr = getBCR(el);\n  var win =
  el.ownerDocument.defaultView;\n  return {\n    top: bcr.top + win.pageYOffset,\n    left: bcr.left +
  win.pageXOffset\n  };\n};\n\n// Return an element's offset wrt to its offsetParent\n//
  https://j11y.io/jquery/#v=git&fn=jQuery.fn.position\nexport var position = function position(el) {\n  if
  (!isElement(el)) {\n    return;\n  }\n  var parentOffset = { top: 0, left: 0 };\n  var offsetSelf = void 0;\n  var
  offsetParent = void 0;\n  if (getCS(el).position === 'fixed') {\n    offsetSelf = getBCR(el);\n  } else {\n    offsetSelf =
  offset(el);\n  }\n  var doc = el.ownerDocument;\n  offsetParent = el.offsetParent || doc.documentElement;\n  while
  (offsetParent && (offsetParent === doc.body || offsetParent === doc.documentElement) &&
  getCS(offsetParent).position === 'static') {\n    offsetParent = offsetParent.parentNode;\n  }\n  if (offsetParent
  && offsetParent !== el && offsetParent.nodeType === Node.ELEMENT_NODE) {\n    parentOffset =
  offset(offsetParent);\n    parentOffset.top += parseFloat(getCS(offsetParent).borderTopWidth);\n
  parentOffset.left += parseFloat(getCS(offsetParent).borderLeftWidth);\n  }\n}\n  return {\n    top: offsetSelf.top -
  parentOffset.top - parseFloat(getCS(el).marginTop),\n    left: offsetSelf.left - parentOffset.left -
  parseFloat(getCS(el).marginLeft)\n  };\n};\n\n// Attach an event listener to an element\nexport var eventOn =
  function eventOn(el, evtName, handler) {\n  if (el && el.addEventListener) {\n    el.addEventListener(evtName,
  handler);\n  }\n};\n\n// Remove an event listener from an element\nexport var eventOff = function eventOff(el,
  evtName, handler) {\n  if (el && el.removeEventListener) {\n    el.removeEventListener(evtName, handler);\n
  }\n};\n\n";\n\nvar _typeof = typeof Symbol === "function" && typeof Symbol.iterator === "symbol" ? function (obj) {
  return typeof obj; } : function (obj) { return obj && typeof Symbol === "function" && obj.constructor ===
  Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj; }\n\nimport { assign, keys } from
  '../utils/object';\nimport { arrayIncludes, concat } from '../utils/array';\nimport { mergeData } from 'vue-
  functional-data-merge';\n\n/**\n * The Link component is used in many other BV components.\n * As such, sharing
  its props makes supporting all its features easier.\n * However, some components need to modify the defaults for
  their own purpose.\n * Prefer sharing a fresh copy of the props to ensure mutations\n * do not affect other
  component references to the props.\n *\n * https://github.com/vuejs/vue-router/blob/dev/src/components/link.js\n
  *\n * @return {{}}\n */\nexport function propsFactory() {\n  return {\n    href: {\n      type: String,\n      default: null\n
    },\n    rel: {\n      type: String,\n      default: null\n    },\n    target: {\n      type: String,\n      default: '_self'\n
    },\n    active: {\n      type: Boolean,\n      default: false\n    },\n    activeClass: {\n      type: String,\n      default: 'active'\n
    },\n    append: {\n      type: Boolean,\n      default: false\n    },\n    disabled: {\n      type: Boolean,\n      default:
  false\n    },\n    event: {\n      type: [String, Array],\n      default: 'click'\n    },\n    exact: {\n      type: Boolean,\n
  default: false\n    },\n    exactActiveClass: {\n      type: String,\n      default: 'active'\n    },\n    replace: {\n
  type: Boolean,\n      default: false\n    },\n    routerTag: {\n      type: String,\n      default: 'a'\n    },\n    to: {\n
  type: [String, Object],\n      default: null\n    }\n  };\n}\n\nexport var props = propsFactory();\n\nexport function
  pickLinkProps(propsToPick) {\n  var freshLinkProps = propsFactory();\n  // Normalize everything to array.\n  propsToPick =
  concat(propsToPick);\n\n  return keys(freshLinkProps).reduce(function (memo, prop) {\n    if

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(arrayIncludes(propsToPick, prop)) {\n  memo[prop] = freshLinkProps[prop];\n  }\n\n  return memo;\n },\n {});\n\n\nexport function omitLinkProps(propsToOmit) {\n  var freshLinkProps = propsFactory();\n  // Normalize everything to array.\n  propsToOmit = concat(propsToOmit);\n\n  return keys(props).reduce(function (memo, prop)\n  {\n    if (!arrayIncludes(propsToOmit, prop)) {\n      memo[prop] = freshLinkProps[prop];\n    }\n\n    return memo;\n  }, {});\n\n\nexport var computed = {\n  linkProps: function linkProps() {\n    var linkProps = {};\n    var propKeys = keys(props);\n\n    for (var i = 0; i < propKeys.length; i++) {\n      var prop = propKeys[i];\n      // Computed Vue getters are bound to the instance.\n      linkProps[prop] = this[prop];\n    }\n\n    return linkProps;\n  }\n};\n\n\nfunction computeTag(props, parent) {\n  return Boolean(parent.$router) && props.to && !props.disabled ?\n  'router-link' : 'a';\n}\n\n\nfunction computeHref(_ref, tag) {\n  var disabled = _ref.disabled,\n      href = _ref.href,\n      to = _ref.to;\n\n  // We've already checked the parent.$router in computeTag,\n  // so router-link means live router.\n  // When deferring to Vue Router's router-link,\n  // don't use the href attr at all.\n  // Must return undefined for router-link\n  // to populate href.\n  if (tag === 'router-link') return void 0;\n  // If href explicitly provided\n  if (href) return href;\n  // Reconstruct href when `to` used, but no router\n  if (to) {\n    // Fallback to `to` prop (if `to` is a string)\n    if (typeof to === 'string') return to;\n    // Fallback to `to.path` prop (if `to` is an object)\n    if ((typeof to ===\n    'undefined' ? 'undefined' : _typeof(to)) === 'object' && typeof to.path === 'string') return to.path;\n  }\n  // If nothing is provided use `#`\n  return '#';\n}\n\n\nfunction computeRel(_ref2) {\n  var target = _ref2.target,\n      rel = _ref2.rel;\n\n  if (target === '_blank' && rel === null) {\n    return 'noopener';\n  }\n  return rel || null;\n}\n\n\nfunction clickHandlerFactory(_ref3) {\n  var disabled = _ref3.disabled,\n      tag = _ref3.tag,\n      href = _ref3.href,\n      suppliedHandler = _ref3.suppliedHandler,\n      parent = _ref3.parent;\n\n  var isRouterLink = tag === 'router-link';\n\n  return function onClick(e) {\n    if (disabled && e instanceof Event) {\n      // Stop event from bubbling up.\n      e.stopPropagation();\n      // Kill the event loop attached to this specific EventTarget.\n      e.stopImmediatePropagation();\n    } else {\n      parent.$root.$emit('clicked:link', e);\n\n      if (isRouterLink && e.target.__vue__) {\n        e.target.__vue__.$emit('click', e);\n      }\n\n      if (typeof suppliedHandler === 'function') {\n        suppliedHandler.apply(undefined, arguments);\n      }\n\n      if (!isRouterLink && href === '#' || disabled) {\n        // Stop scroll-to-top behavior or navigation.\n        e.preventDefault();\n      }\n    }\n  }\n}\n\n\nexport default {\n  functional: true,\n  props: propsFactory(),\n  render: function render(h, _ref4) {\n    var props = _ref4.props,\n        data = _ref4.data,\n        parent = _ref4.parent,\n        children = _ref4.children;\n\n    var tag = computeTag(props, parent);\n    var rel = computeRel(props);\n    var href = computeHref(props, tag);\n    var eventType = tag === 'router-link' ? 'nativeOn' : 'on';\n    var suppliedHandler = (data[eventType] || {}).click;\n    var handlers = { click: clickHandlerFactory({ tag: tag, href: href, disabled: props.disabled, suppliedHandler: suppliedHandler, parent: parent }) };\n\n    var componentData = mergeData(data, {\n      class: [props.active ? props.exact ? props.exactActiveClass : props.activeClass : null, { disabled: props.disabled }],\n      attrs: {\n        rel: rel,\n        href: href,\n        target: props.target,\n        tabindex: props.disabled ? '-1' : data.attrs ? data.attrs.tabindex : null,\n        'aria-disabled': tag === 'a' && props.disabled ? 'true' : null\n      },\n      props: assign(props, { tag: props.routerTag })\n    });\n\n    // If href prop exists on router-link (even undefined or null) it fails working on SSR\n    if (!componentData.attrs.href) {\n      delete componentData.attrs.href;\n    }\n\n    // We want to overwrite any click handler since our callback\n    // will invoke the supplied handler if !props.disabled\n    componentData[eventType] = assign(componentData[eventType] || {}, handlers);\n\n    return h(tag, componentData, children);\n  }\n};\n\n\nfunction _defineProperty(obj, key, value) {\n  if (key in obj) {\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable: true\n    });\n  } else {\n    obj[key] = value;\n  }\n  return obj;\n}\n\n\nimport { mergeData } from 'vue-functional-data-merge';\nimport pluckProps from '../utils/pluck-props';\nimport { concat } from '../utils/array';\nimport { assign, keys } from '../utils/object';\nimport { addClass, removeClass } from '../utils/dom';\nimport Link, { propsFactory as linkPropsFactory } from './link/link';\n\nvar btnProps = {\n  block: {\n    type: Boolean,\n    default: false\n  },\n  disabled: {\n    type: Boolean,\n    default: false\n  },\n  size: {\n    type: String,\n    default: null\n  },\n  variant: {\n    type: String,\n    default: null\n  },\n  type: {\n    type: String,\n    default: 'button'\n  },\n  pressed: {\n    // tri-state prop: true, false or null\n    // => on, off, not a toggle\n    type: Boolean,\n    default: null\n  }\n};\n\nvar linkProps = linkPropsFactory();\ndelete linkProps.href.default;\ndelete linkProps.to.default;\nvar linkPropKeys = keys(linkProps);\n\nexport var props = assign(linkProps,
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btnProps);\n\nfunction handleFocus(evt) {\n  if (evt.type === 'focusin') {\n    addClass(evt.target, 'focus');\n  } else if (evt.type === 'focusout') {\n    removeClass(evt.target, 'focus');\n  }\n}\n\nexport default {\n  functional: true,\n  props: props,\n  render: function render(h, _ref) {\n    var _ref2;\n\n    var props = _ref.props,\n        data = _ref.data,\n        listeners = _ref.listeners,\n        children = _ref.children;\n\n    var isLink = Boolean(props.href || props.to);\n    var isToggle = typeof props.pressed === 'boolean';\n    var on = {\n      click: function click(e) {\n        if (props.disabled && e instanceof Event) {\n          e.stopPropagation();\n          e.preventDefault();\n        } else if (isToggle) {\n          // Concat will normalize the value to an array\n          // without double wrapping an array value in an array.\n          concat(listeners['update:pressed']).forEach(function (fn) {\n            if (typeof fn === 'function') {\n              fn(!props.pressed);\n            }\n          });\n        }\n      }\n    };\n\n    if (isToggle) {\n      on.focusin = handleFocus;\n      on.focusout = handleFocus;\n    }\n\n    var componentData = {\n      staticClass: 'btn',\n      class: [props.variant ? 'btn-' + props.variant : 'btn-secondary', (_ref2 = {}, _defineProperty(_ref2, 'btn-' + props.size, Boolean(props.size)), _defineProperty(_ref2, 'btn-block', props.block), _defineProperty(_ref2, 'disabled', props.disabled), _defineProperty(_ref2, 'active', props.pressed), _ref2)],\n      props: isLink ? pluckProps(linkPropKeys, props) : null,\n      attrs: {\n        type: isLink ? null : props.type,\n        disabled: isLink ? null : props.disabled,\n        // Data attribute not used for js logic,\n        // but only for BS4 style selectors.\n        'data-toggle': isToggle ? 'button' : null,\n        'aria-pressed': isToggle ? String(props.pressed) : null,\n        // Tab index is used when the component becomes a link.\n        // Links are tabable, but don't allow disabled,\n        // so we mimic that functionality by disabling tabbing.\n        tabindex: props.disabled && isLink ? '-1' : data.attrs ? data.attrs['tabindex'] : null\n      },\n      on: on\n    };\n\n    return h(isLink ? Link : 'button', mergeData(data, componentData), children);\n  }\n};\n\nfunction _defineProperty(obj, key, value) {\n  if (key in obj) {\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable: true\n    });\n  } else {\n    obj[key] = value;\n  }\n  return obj;\n}\n\nimport { mergeData } from 'vue-functional-data-merge';\n\nvar props = {\n  disabled: {\n    type: Boolean,\n    default: false\n  },\n  ariaLabel: {\n    type: String,\n    default: 'Close'\n  },\n  textVariant: {\n    type: String,\n    default: null\n  }\n};\n\nexport default {\n  functional: true,\n  props: props,\n  render: function render(h, _ref) {\n    var props = _ref.props,\n        data = _ref.data,\n        listeners = _ref.listeners,\n        slots = _ref.slots;\n\n    var componentData = {\n      staticClass: 'close',\n      class: _defineProperty({}, 'text-' + props.textVariant, props.textVariant),\n      attrs: {\n        type: 'button',\n        disabled: props.disabled,\n        'aria-label': props.ariaLabel ? String(props.ariaLabel) : null\n      },\n      on: {\n        click: function click(e) {\n          // Ensure click on button HTML content is also disabled\n          if (props.disabled && e instanceof Event) {\n            e.stopPropagation();\n            e.preventDefault();\n          }\n        }\n      }\n    };\n\n    // Careful not to override the slot with innerHTML\n    if (!slots().default) {\n      componentData.domProps = {\n        innerHTML: '&times;'\n      };\n    }\n\n    return h('button', mergeData(data, componentData), slots().default);\n  }\n};\n\n/**\n * SSR Safe Client Side ID attribute generation\n */\n\nexport default {\n  props: {\n    id: {\n      type: String,\n      default: null\n    }\n  },\n  methods: {\n    safeId: function safeId() {\n      var suffix = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : '';\n\n      var id = this.id || this.localId || null;\n\n      if (!id) {\n        return null;\n      }\n\n      suffix = String(suffix).replace(/\\s+/, '_');\n\n      return suffix ? id + '_' + suffix : id;\n    },\n    computed: {\n      localId: function localId() {\n        if (!this.$isServer && !this.id && typeof this._uid !== 'undefined') {\n          return '__BVID__' + this._uid;\n        }\n      }\n    }\n  };\n\n  /**\n   * @param {string} event\n   * @param {function} callback\n   * @chainable\n   * @listenOnRoot\n   */\n  _toConsumableArray(arr) {\n    if (Array.isArray(arr)) {\n      for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) {\n        arr2[i] = arr[i];\n      }\n      return arr2;\n    } else {\n      return Array.from(arr);\n    }\n  }\n}\n\nimport { isArray } from '../utils/array';\n\n/**\n * Issue #569: collapse::toggle::state triggered too many times\n * @link https://github.com/bootstrap-vue/bootstrap-vue/issues/569\n */\n\nvar BVRL = '__BV_root_listeners__';\n\nexport default {\n  methods: {\n    /**\n     * Safely register event listeners on the root Vue node.\n     * While Vue automatically removes listeners for individual components,\n     * when a component registers a listener on root and is destroyed,\n     * this orphans a callback because the node is gone,\n     * but the root does not clear the callback.\n     * This adds a non-reactive prop to a vm on the fly\n     * in order to avoid object observation and its performance costs\n     * to something that needs no reactivity.\n     * It should be highly unlikely there are any naming collisions.\n     */\n    listenOnRoot: function listenOnRoot(event, callback) {\n      // Safely register event listeners on the root Vue node.\n      // While Vue automatically removes listeners for individual components,\n      // when a component registers a listener on root and is destroyed,\n      // this orphans a callback because the node is gone,\n      // but the root does not clear the callback.\n      // This adds a non-reactive prop to a vm on the fly\n      // in order to avoid object observation and its performance costs\n      // to something that needs no reactivity.\n      // It should be highly unlikely there are any naming collisions.\n    }\n  }\n}\n
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function listenOnRoot(event, callback) {\n  if (!this[BVRL] || !isArray(this[BVRL])) {\n    this[BVRL] = [];\n  }\n  this[BVRL].push({ event: event, callback: callback });\n  this.$root.$on(event, callback);\n  return\n  this;\n},\n\n  /**\n   * Convenience method for calling vm.$emit on vm.$root.\n   * @param {string}\n   event\n   * @param {*} args\n   * @chainable\n   */\n  emitOnRoot: function emitOnRoot(event) {\n    var _$root;\n    for (var _len = arguments.length, args = Array(_len > 1 ? _len - 1 : 0), _key = 1; _key < _len;\n    _key++) {\n      args[_key - 1] = arguments[_key];\n    }\n    (_$root = this.$root).$emit.apply(_$root,\n    [event].concat(_toConsumableArray(args)));\n    return this;\n  },\n\n  beforeDestroy: function\n  beforeDestroy() {\n    if (this[BVRL] && isArray(this[BVRL])) {\n      while (this[BVRL].length > 0) {\n        //\n        shift to process in order\n        var _BVRL$shift = this[BVRL].shift(),\n            event = _BVRL$shift.event,\n            callback = _BVRL$shift.callback;\n        this.$root.$off(event, callback);\n      }\n    }\n  },\n\n  "import { assign\n  from './object';\n  } from './utils/dom';\n  /**\n   * Observe a DOM element changes, falls back to\n   eventListener mode\n   * @param {Element} el The DOM element to observe\n   * @param {Function} callback\n   callback to be called on change\n   * @param {object} [opts={childList: true, subtree: true}] observe options\n   * @see http://stackoverflow.com/questions/3219758\n   */\n  export default function observeDOM(el, callback, opts) {\n    var MutationObserver = window.MutationObserver || window.WebKitMutationObserver ||\n    window.MozMutationObserver;\n    var eventListenerSupported = window.addEventListener;\n    // Handle case\n    where we might be passed a vue instance\n    el = el ? el.$el : null;\n    /* istanbul ignore next: difficult to test in\n    JSDOM */\n    if (!isElement(el)) {\n      // We can't observe something that isn't an element\n      return null;\n    }\n    var\n    obs = null;\n    /* istanbul ignore next: difficult to test in JSDOM */\n    if (MutationObserver) {\n      // Define a new\n      observer\n      obs = new MutationObserver(function (mutations) {\n        var changed = false;\n        // A Mutation can\n        contain several change records, so we loop through them to see what has changed.\n        // We break out of the loop\n        early if any \"significant\" change has been detected\n        for (var i = 0; i < mutations.length && !changed; i++) {\n          // The mutation record\n          var mutation = mutations[i];\n          // Mutation Type\n          var type =\n          mutation.type;\n          // DOM Node (could be any DOM Node type - HTMLElement, Text, comment, etc)\n          var\n          target = mutation.target;\n          if (type === 'characterData' && target.nodeType === Node.TEXT_NODE) {\n            // We ignore nodes that are not TEXT (i.e. comments, etc) as they don't change layout\n            changed = true;\n          } else if (type === 'attributes') {\n            changed = true;\n          } else if (type === 'childList' &&\n          (mutation.addedNodes.length > 0 || mutation.removedNodes.length > 0)) {\n            // This includes HTMLElement\n            and Text Nodes being added/removed/re-arranged\n            changed = true;\n          }\n          if (changed) {\n            // We only call the callback if a change that could affect layout/size truly happened.\n            callback();\n          }\n        }\n      });\n      // Have the observer observe foo for changes in children, etc\n      obs.observe(el, assign({ childList: true,\n      subtree: true }, opts));\n    } else if (eventListenerSupported) {\n      // Legacy interface. most likely not used in modern\n      browsers\n      el.addEventListener('DOMNodeInserted', callback, false);\n      el.addEventListener('DOMNodeRemoved', callback, false);\n    }\n    // We return a reference to the observer so that\n    obs.disconnect() can be called if necessary\n    // To reduce overhead when the root element is hidden\n    return\n    obs;\n  },\n\n  /**\n   * Log a warning message to the console with bootstrap-vue formatting sugar.\n   * @param {string}\n   message\n   */\n  /* istanbul ignore next */\n  function warn(message) {\n    console.warn(\"[Bootstrap-Vue warn]: \" +\n    message);\n  },\n\n  /* istanbul ignore next */\n  export default warn;\n\n  /**\n   * Key Codes (events)\n   */\n  export default {\n    SPACE: 32,\n    ENTER: 13,\n    ESC: 27,\n    LEFT: 37,\n    UP: 38,\n    RIGHT: 39,\n    DOWN: 40,\n    PAGEUP: 33,\n    PAGEDOWN:\n    34,\n    HOME: 36,\n    END: 35\n  },\n\n  var _createClass = function () { function defineProperties(target, props) { for\n  (var i = 0; i < props.length; i++) { var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false;\n  descriptor.configurable = true; if (\"value\" in descriptor) descriptor.writable = true; Object.defineProperty(target,\n  descriptor.key, descriptor); } } return function (Constructor, protoProps, staticProps) { if (protoProps)\n  defineProperties(Constructor.prototype, protoProps); if (staticProps) defineProperties(Constructor, staticProps);\n  return Constructor; }; }();\n\n  function _classCallCheck(instance, Constructor) { if (!(instance instanceof\n  Constructor)) { throw new TypeError(\"Cannot call a class as a function\"); } }\n\n  import { assign, defineProperty,\n  defineProperties, readonlyDescriptor } from './utils/object';\n  var BvEvent = function () {\n    function\n    BvEvent(type) {\n      var eventInit = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n    }

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_classCallCheck(this, BvEvent);\n\n // Start by emulating native Event constructor.\n if (!type) {\n throw new
TypeError('Failed to construct \'' + this.constructor.name + '\\'. 1 argument required, ' + arguments.length + '
given.');
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});\n } \n // Assign defaults first, the eventInit,\n // and the type last so it can't be overwritten.\n
assign(this, BvEvent.defaults(), eventInit, { type: type });\n // Freeze some props as readonly, but leave them
enumerable.\n defineProperties(this, {\n type: readonlyDescriptor(),\n cancelable: readonlyDescriptor(),\n
nativeEvent: readonlyDescriptor(),\n target: readonlyDescriptor(),\n relatedTarget: readonlyDescriptor(),\n
vueTarget: readonlyDescriptor()\n });\n // Create a private variable using closure scoping.\n var
defaultPrevented = false;\n // Recreate preventDefault method. One way setter.\n this.preventDefault = function
preventDefault() {\n if (this.cancelable) {\n defaultPrevented = true;\n } \n }; \n // Create
'defaultPrevented' publicly accessible prop\n // that can only be altered by the preventDefault method.\n
defineProperty(this, 'defaultPrevented', {\n enumerable: true,\n get: function get() {\n return
defaultPrevented;\n } \n }); \n\n\n _createClass(BvEvent, null, [{\n key: 'defaults',\n value: function
defaults() {\n return {\n type: ",\n cancelable: true,\n nativeEvent: null,\n target: null,\n
relatedTarget: null,\n vueTarget: null\n }; \n } \n }); \n\n return BvEvent;\n})();\n\nexport default
BvEvent;";\nfunction _defineProperty(obj, key, value) {\n if (key in obj) {\n Object.defineProperty(obj, key, {\n
value: value, enumerable: true, configurable: true, writable: true });\n } else {\n obj[key] = value;\n } \n
return obj;\n }\n\nimport bBtn from './button/button';\nimport bBtnClose from './button/button-close';\nimport
idMixin from './../mixins/id';\nimport listenOnRootMixin from './../mixins/listen-on-root';\nimport observeDom
from './../utils/observe-dom';\nimport warn from './../utils/warn';\nimport KeyCodes from './../utils/key-codes';\nimport
BvEvent from './../utils/bv-event.class';\nimport { isVisible, selectAll, select, getBCR, addClass, removeClass,
hasClass, setAttr, removeAttr, getAttr, hasAttr, eventOn, eventOff } from './../utils/dom';\n\n// Selectors for
padding/margin adjustments\nvar Selector = {\n FIXED_CONTENT: '.fixed-top, .fixed-bottom, .is-fixed, .sticky-top',\n
STICKY_CONTENT: '.sticky-top',\n NAVBAR_TOGGLER: '.navbar-toggler'\n\n // ObserveDom
config\n};\nvar OBSERVER_CONFIG = {\n subtree: true,\n childList: true,\n characterData: true,\n attributes:
true,\n attributeFilter: ['style', 'class']\n};\n\nexport default {\n mixins: [idMixin, listenOnRootMixin],\n
components: {\n bBtn: bBtn, bBtnClose: bBtnClose },\n render: function render(h) {\n var _this = this;\n\n var
$slots = this.$slots;\n // Modal Header\n var header = h(false);\n if (!this.hideHeader) {\n var modalHeader
= $slots['modal-header'];\n if (!modalHeader) {\n var closeButton = h(false);\n if
(!this.hideHeaderClose) {\n closeButton = h('b-btn-close', {\n props: {\n disabled:
this.is_transitioning,\n ariaLabel: this.headerCloseLabel,\n textVariant: this.headerTextVariant\n
},\n on: {\n click: function click(evt) {\n _this.hide('header-close');\n } \n
} \n }, [$slots['modal-header-close']]);\n } \n modalHeader = [h(this.titleTag, { class: ['modal-title'] },
[$slots['modal-title'] || this.title]), closeButton];\n } \n header = h('header', {\n ref: 'header',\n class:
this.headerClasses,\n attrs: { id: this.safeId('__BV_modal_header_') } \n }, [modalHeader]);\n } \n //
Modal Body\n var body = h('div', {\n ref: 'body',\n class: this.bodyClasses,\n attrs: { id:
this.safeId('__BV_modal_body_') } \n }, [$slots.default]);\n // Modal Footer\n var footer = h(false);\n if
(!this.hideFooter) {\n var modalFooter = $slots['modal-footer'];\n if (!modalFooter) {\n var cancelButton
= h(false);\n if (!this.okOnly) {\n cancelButton = h('b-btn', {\n props: {\n variant:
this.cancelVariant,\n size: this.buttonSize,\n disabled: this.cancelDisabled || this.busy ||
this.is_transitioning\n },\n on: {\n click: function click(evt) {\n _this.hide('cancel');\n
} \n } \n }, [$slots['modal-cancel'] || this.cancelTitle]);\n } \n var okButton = h('b-btn', {\n
props: {\n variant: this.okVariant,\n size: this.buttonSize,\n disabled: this.okDisabled ||
this.busy || this.is_transitioning\n },\n on: {\n click: function click(evt) {\n
_this.hide('ok');\n } \n } \n }, [$slots['modal-ok'] || this.okTitle]);\n modalFooter = [cancelButton,
okButton];\n } \n footer = h('footer', {\n ref: 'footer',\n class: this.footerClasses,\n attrs: { id:
this.safeId('__BV_modal_footer_') } \n }, [modalFooter]);\n } \n // Assemble Modal Content\n var
modalContent = h('div', {\n ref: 'content',\n class: ['modal-content'],\n attrs: {\n tabindex: '-1',\n
role: 'document',\n 'aria-labelledby': this.hideHeader ? null : this.safeId('__BV_modal_header_'),\n 'aria-
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describedby': this.safeId('__BV_modal_body_')\n  },\n  on: {\n    focusout: this.onFocusout,\n    click:
function click(evt) {\n    evt.stopPropagation();\n    // https://github.com/bootstrap-vue/bootstrap-
vue/issues/1528\n    _this.$root.$emit('bv::dropdown::shown');\n    }\n  }, [header, body, footer]);\n
// Modal Dialog wrapper\n  var modalDialog = h('div', { class: this.dialogClasses }, [modalContent]);\n  //
Modal\n  var modal = h('div', {\n    ref: 'modal',\n    class: this.modalClasses,\n    directives: [{\n    name:
'show',\n    rawName: 'v-show',\n    value: this.is_visible,\n    expression: 'is_visible'\n    }],\n    attrs: {\n
id: this.safeId(),\n    role: 'dialog',\n    'aria-hidden': this.is_visible ? null : 'true'\n    },\n    on: {\n    click:
this.onClickOut,\n    keydown: this.onEsc\n    }, [modalDialog]);\n  // Wrap modal in transition\n  modal
= h('transition', {\n    props: {\n    enterClass: ",\n    enterToClass: ",\n    enterActiveClass: ",\n
leaveClass: ",\n    leaveActiveClass: ",\n    leaveToClass: "\n    },\n    on: {\n    'before-enter':
this.onBeforeEnter,\n    enter: this.onEnter,\n    'after-enter': this.onAfterEnter,\n    'before-leave':
this.onBeforeLeave,\n    leave: this.onLeave,\n    'after-leave': this.onAfterLeave\n    }\n  }, [modal]);\n  //
Modal Backdrop\n  var backdrop = h(false);\n  if (!this.hideBackdrop && (this.is_visible || this.is_transitioning))
{\n    backdrop = h('div', {\n    class: this.backdropClasses,\n    attrs: { id:
this.safeId('__BV_modal_backdrop_') }\n    });\n  }\n  // Assemble modal and backdrop\n  var outer =
h(false);\n  if (!this.is_hidden) {\n    outer = h('div', { attrs: { id: this.safeId('__BV_modal_outer_') } }, [modal,
backdrop]);\n  }\n  // Wrap in DIV to maintain thi.$el reference for hide/show method access\n  return h('div', { },
[outer]);\n  },\n  data: function data() {\n    return {\n    is_hidden: this.lazy || false,\n    is_visible: false,\n
is_transitioning: false,\n    is_show: false,\n    is_block: false,\n    scrollbarWidth: 0,\n    isBodyOverflowing:
false,\n    return_focus: this.returnFocus || null\n    };}\n  },\n  model: {\n    prop: 'visible',\n    event: 'change'\n
},\n  props: {\n    title: {\n    type: String,\n    default: ""\n    },\n    titleTag: {\n    type: String,\n    default: 'h5'\n
},\n    size: {\n    type: String,\n    default: 'md'\n    },\n    centered: {\n    type: Boolean,\n    default: false\n
},\n    buttonSize: {\n    type: String,\n    default: ""\n    },\n    noFade: {\n    type: Boolean,\n    default: false\n
},\n    noCloseOnBackdrop: {\n    type: Boolean,\n    default: false\n    },\n    noCloseOnEsc: {\n    type:
Boolean,\n    default: false\n    },\n    noEnforceFocus: {\n    type: Boolean,\n    default: false\n    },\n
headerBgVariant: {\n    type: String,\n    default: null\n    },\n    headerBorderVariant: {\n    type: String,\n
default: null\n    },\n    headerTextVariant: {\n    type: String,\n    default: null\n    },\n    headerClass: {\n    type:
[String, Array],\n    default: null\n    },\n    bodyBgVariant: {\n    type: String,\n    default: null\n    },\n
bodyTextVariant: {\n    type: String,\n    default: null\n    },\n    modalClass: {\n    type: [String, Array],\n
default: null\n    },\n    bodyClass: {\n    type: [String, Array],\n    default: null\n    },\n    footerBgVariant: {\n
type: String,\n    default: null\n    },\n    footerBorderVariant: {\n    type: String,\n    default: null\n    },\n
footerTextVariant: {\n    type: String,\n    default: null\n    },\n    footerClass: {\n    type: [String, Array],\n
default: null\n    },\n    hideHeader: {\n    type: Boolean,\n    default: false\n    },\n    hideFooter: {\n    type:
Boolean,\n    default: false\n    },\n    hideHeaderClose: {\n    type: Boolean,\n    default: false\n    },\n
hideBackdrop: {\n    type: Boolean,\n    default: false\n    },\n    okOnly: {\n    type: Boolean,\n    default:
false\n    },\n    okDisabled: {\n    type: Boolean,\n    default: false\n    },\n    cancelDisabled: {\n    type:
Boolean,\n    default: false\n    },\n    visible: {\n    type: Boolean,\n    default: false\n    },\n    returnFocus: {\n
default: null\n    },\n    headerCloseLabel: {\n    type: String,\n    default: 'Close'\n    },\n    cancelTitle: {\n
type: String,\n    default: 'Cancel'\n    },\n    okTitle: {\n    type: String,\n    default: 'OK'\n    },\n    cancelVariant:
{\n    type: String,\n    default: 'secondary'\n    },\n    okVariant: {\n    type: String,\n    default: 'primary'\n
},\n    lazy: {\n    type: Boolean,\n    default: false\n    },\n    busy: {\n    type: Boolean,\n    default: false\n
}\n  },\n  computed: {\n    modalClasses: function modalClasses() {\n    return ['modal', {\n    fade: !this.noFade,\n
show: this.is_show,\n    'd-block': this.is_block\n    }, this.modalClass];\n    },\n    dialogClasses: function
dialogClasses() {\n    var _ref;\n    return ['modal-dialog', (_ref = {}, _defineProperty(_ref, 'modal-' + this.size,
Boolean(this.size)), _defineProperty(_ref, 'modal-dialog-centered', this.centered), _ref)];\n    },\n    backdropClasses:
function backdropClasses() {\n    return ['modal-backdrop', {\n    fade: !this.noFade,\n    show: this.is_show ||
this.noFade\n    }];\n    },\n    headerClasses: function headerClasses() {\n    var _ref2;\n    return ['modal-
header', (_ref2 = {}, _defineProperty(_ref2, 'bg-' + this.headerBgVariant, Boolean(this.headerBgVariant)),

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_defineProperty(_ref2, 'text-' + this.headerTextVariant, Boolean(this.headerTextVariant)), _defineProperty(_ref2,
'border-' + this.headerBorderVariant, Boolean(this.headerBorderVariant)), _ref2), this.headerClass];\n  },\n
bodyClasses: function bodyClasses() {\n    var _ref3;\n\n    return ['modal-body', (_ref3 = {},
_defineProperty(_ref3, 'bg-' + this.bodyBgVariant, Boolean(this.bodyBgVariant)), _defineProperty(_ref3, 'text-' +
this.bodyTextVariant, Boolean(this.bodyTextVariant)), _ref3), this.bodyClass];\n  },\n footerClasses: function
footerClasses() {\n    var _ref4;\n\n    return ['modal-footer', (_ref4 = {}, _defineProperty(_ref4, 'bg-' +
this.footerBgVariant, Boolean(this.footerBgVariant)), _defineProperty(_ref4, 'text-' + this.footerTextVariant,
Boolean(this.footerTextVariant)), _defineProperty(_ref4, 'border-' + this.footerBorderVariant,
Boolean(this.footerBorderVariant)), _ref4), this.footerClass];\n  }\n },\n watch: {\n visible: function
visible(newVal, oldVal) {\n    if (newVal === oldVal) {\n      return;\n    }\n    this[newVal ? 'show' : 'hide']();\n  }
}\n },\n methods: {\n // Public Methods\n show: function show() {\n    if (this.is_visible) {\n      return;\n    }
\n    var showEvt = new BvEvent('show', {\n      cancelable: true,\n      vueTarget: this,\n      target:
this.$refs.modal,\n      relatedTarget: null\n    });\n    this.emitEvent(showEvt);\n    if (showEvt.defaultPrevented
|| this.is_visible) {\n      // Don't show if canceled\n      return;\n    }\n    if (hasClass(document.body, 'modal-
open')) {\n      // If another modal is already open, wait for it to close\n      this.$root.$once('bv::modal::hidden',
this.doShow);\n    } else {\n      // Show the modal\n      this.doShow();\n    }\n  },\n hide: function
hide(trigger) {\n    if (!this.is_visible) {\n      return;\n    }\n    var hideEvt = new BvEvent('hide', {\n
cancelable: true,\n      vueTarget: this,\n      target: this.$refs.modal,\n      // this could be the trigger
element/component reference\n      relatedTarget: null,\n      isOK: trigger || null,\n      trigger: trigger || null,\n
cancel: function cancel() {\n      // Backwards compatibility\n      warn('b-modal: evt.cancel() is deprecated.
Please use evt.preventDefault().');\n      this.preventDefault();\n    }\n    });\n    if (trigger === 'ok') {\n
this.$emit('ok', hideEvt);\n    } else if (trigger === 'cancel') {\n      this.$emit('cancel', hideEvt);\n    }\n
this.emitEvent(hideEvt);\n    // Hide if not canceled\n    if (hideEvt.defaultPrevented || !this.is_visible) {\n
return;\n    }\n    // stop observing for content changes\n    if (this._observer) {\n
this._observer.disconnect();\n      this._observer = null;\n    }\n    this.is_visible = false;\n    this.$emit('change',
false);\n  },\n // Private method to finish showing modal\n doShow: function doShow() {\n    var _this2 =
this;\n\n    // Plce modal in DOM if lazy\n    this.is_hidden = false;\n    this.$nextTick(function () {\n      // We
do this in nextTick to ensure the modal is in DOM first before we show it\n      _this2.is_visible = true;\n
_this2.$emit('change', true);\n      // Observe changes in modal content and adjust if necessary\n
_this2._observer = observeDom(_this2.$refs.content, _this2.adjustDialog.bind(_this2), OBSERVER_CONFIG);\n
    });\n  },\n // Transition Handlers\n onBeforeEnter: function onBeforeEnter() {\n    this.is_transitioning =
true;\n    this.checkScrollbar();\n    this.setScrollbar();\n    this.adjustDialog();\n    addClass(document.body,
'modal-open');\n    this.setResizeEvent(true);\n  },\n onEnter: function onEnter() {\n    this.is_block = true;\n
this.$refs.modal.scrollTop = 0;\n  },\n onAfterEnter: function onAfterEnter() {\n    var _this3 = this;\n\n
this.is_show = true;\n    this.is_transitioning = false;\n    this.$nextTick(function () {\n      _this3.focusFirst();\n
var shownEvt = new BvEvent('shown', {\n      cancelable: false,\n      vueTarget: _this3,\n      target:
_this3.$refs.modal,\n      relatedTarget: null\n    });\n    _this3.emitEvent(shownEvt);\n  });\n },\n
onBeforeLeave: function onBeforeLeave() {\n    this.is_transitioning = true;\n    this.setResizeEvent(false);\n
  },\n onLeave: function onLeave() {\n    // Remove the 'show' class\n    this.is_show = false;\n  },\n
onAfterLeave: function onAfterLeave() {\n    var _this4 = this;\n\n    this.is_block = false;\n
this.resetAdjustments();\n    this.resetScrollbar();\n    this.is_transitioning = false;\n
removeClass(document.body, 'modal-open');\n    this.$nextTick(function () {\n      _this4.is_hidden = _this4.lazy ||
false;\n      _this4.returnFocusTo();\n      var hiddenEvt = new BvEvent('hidden', {\n      cancelable: false,\n
vueTarget: _this4,\n      target: _this4.lazy ? null : _this4.$refs.modal,\n      relatedTarget: null\n    });\n
_this4.emitEvent(hiddenEvt);\n  });\n },\n // Event emitter\n emitEvent: function emitEvent(bvEvt) {\n
var type = bvEvt.type;\n    this.$emit(type, bvEvt);\n    this.$root.$emit('bv::modal:' + type, bvEvt);\n  },\n //
UI Event Handlers\n onClickOut: function onClickOut(evt) {\n    // If backdrop clicked, hide modal\n    if
(this.is_visible && !this.noCloseOnBackdrop) {\n      this.hide('backdrop');\n    }\n  },\n onEsc: function

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onEsc(evt) {\n  // If ESC pressed, hide modal\n  if (evt.keyCode === KeyCodes.ESC && this.is_visible &&
!this.noCloseOnEsc) {\n    this.hide('esc');\n  }\n },\n onFocusout: function onFocusout(evt) {\n  // If
focus leaves modal, bring it back\n  // 'focusout' Event Listener bound on content\n  var content =
this.$refs.content;\n  if (!this.noEnforceFocus && this.is_visible && content &&
!content.contains(evt.relatedTarget)) {\n    content.focus();\n  }\n },\n\n // Resize Listener\n
setResizeEvent: function setResizeEvent(on) {\n  var _this5 = this;\n  ;['resize',
'orientationchange'].forEach(function (evtName) {\n    if (on) {\n      eventOn(window, evtName,
_this5.adjustDialog);\n    } else {\n      eventOff(window, evtName, _this5.adjustDialog);\n    }\n  });\n
},\n\n // Root Listener handlers\n showHandler: function showHandler(id, triggerEl) {\n  if (id === this.id) {\n
  this.return_focus = triggerEl || null;\n  this.show();\n  }\n },\n hideHandler: function hideHandler(id)
{\n  if (id === this.id) {\n    this.hide();\n  }\n },\n modalListener: function modalListener(bvEvt) {\n
// If another modal opens, close this one\n  if (bvEvt.vueTarget !== this) {\n    this.hide();\n  }\n },\n\n //
Focus control handlers\n focusFirst: function focusFirst() {\n  // Don't try and focus if we are SSR\n  if
(typeof document === 'undefined') {\n    return;\n  }\n  var content = this.$refs.content;\n  var modal =
this.$refs.modal;\n  var activeElement = document.activeElement;\n  if (activeElement && content &&
content.contains(activeElement)) {\n    // If activeElement is child of content, no need to change focus\n  } else
if (content) {\n    if (modal) {\n      modal.scrollTop = 0;\n    }\n    // Focus the modal content wrapper\n
content.focus();\n  }\n },\n returnFocusTo: function returnFocusTo() {\n  // Prefer returnFocus prop over
event specified return_focus value\n  var el = this.returnFocus || this.return_focus || null;\n  if (typeof el ===
'string') {\n    // CSS Selector\n    el = select(el);\n  }\n  if (el) {\n    el = el.$el || el;\n    if
(isVisible(el)) {\n      el.focus();\n    }\n  }\n },\n\n // Utility methods\n getScrollbarWidth: function
getScrollbarWidth() {\n  var scrollDiv = document.createElement('div');\n  scrollDiv.className = 'modal-
scrollbar-measure';\n  document.body.appendChild(scrollDiv);\n  this.scrollbarWidth =
scrollDiv.getBoundingClientRect().width - scrollDiv.clientWidth;\n  document.body.removeChild(scrollDiv);\n
},\n adjustDialog: function adjustDialog() {\n  if (!this.is_visible) {\n    return;\n  }\n  var modal =
this.$refs.modal;\n  var isModalOverflowing = modal.scrollHeight > document.documentElement.clientHeight;\n
  if (!this.isBodyOverflowing && isModalOverflowing) {\n    modal.style.paddingLeft = this.scrollbarWidth +
'px';\n  }\n  if (this.isBodyOverflowing && !isModalOverflowing) {\n    modal.style.paddingRight =
this.scrollbarWidth + 'px';\n  }\n },\n resetAdjustments: function resetAdjustments() {\n  var modal =
this.$refs.modal;\n  if (modal) {\n    modal.style.paddingLeft = '';\n    modal.style.paddingRight = '';\n  }\n
},\n checkScrollbar: function checkScrollbar() {\n  var rect = getBCR(document.body);\n  this.isBodyOverflowing = rect.left + rect.right < window.innerWidth;\n  },\n setScrollbar: function setScrollbar()
{\n  if (this.isBodyOverflowing) {\n    // Note: DOMNode.style.paddingRight returns the actual value or '' if not
set\n    // while $(DOMNode).css('padding-right') returns the calculated value or 0 if not set\n    var
computedStyle = window.getComputedStyle;\n    var body = document.body;\n    var scrollbarWidth =
this.scrollbarWidth;\n    // Adjust fixed content padding\n
selectAll(Selector.FIXED_CONTENT).forEach(function (el) {\n      var actualPadding = el.style.paddingRight;\n
      var calculatedPadding = computedStyle(el).paddingRight || 0;\n      setAttr(el, 'data-padding-right',
actualPadding);\n      el.style.paddingRight = parseFloat(calculatedPadding) + scrollbarWidth + 'px';\n    });\n
    // Adjust sticky content margin\n    selectAll(Selector.STICKY_CONTENT).forEach(function (el) {\n      var
actualMargin = el.style.marginRight;\n      var calculatedMargin = computedStyle(el).marginRight || 0;\n
      setAttr(el, 'data-margin-right', actualMargin);\n      el.style.marginRight = parseFloat(calculatedMargin) -
scrollbarWidth + 'px';\n    });\n    // Adjust navbar-toggler margin\n
selectAll(Selector.NAVBAR_TOGGLER).forEach(function (el) {\n      var actualMargin =
el.style.marginRight;\n      var calculatedMargin = computedStyle(el).marginRight || 0;\n      setAttr(el, 'data-
margin-right', actualMargin);\n      el.style.marginRight = parseFloat(calculatedMargin) + scrollbarWidth + 'px';\n
    });\n    // Adjust body padding\n    var actualPadding = body.style.paddingRight;\n    var
calculatedPadding = computedStyle(body).paddingRight;\n    setAttr(body, 'data-padding-right', actualPadding);\n

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body.style.paddingRight = parseFloat(calculatedPadding) + scrollbarWidth + 'px';\n  }\n  },\n
resetScrollbar: function resetScrollbar() {\n    // Restore fixed content padding\n
selectAll(Selector.FIXED_CONTENT).forEach(function (el) {\n    if (hasAttr(el, 'data-padding-right')) {\n
el.style.paddingRight = getAttr(el, 'data-padding-right') || '';\n    removeAttr(el, 'data-padding-right');\n    }\n
});\n    // Restore sticky content and navbar-toggler margin\n    selectAll(Selector.STICKY_CONTENT + ', ' +
Selector.NAVBAR_TOGGLER).forEach(function (el) {\n    if (hasAttr(el, 'data-margin-right')) {\n
el.style.marginRight = getAttr(el, 'data-margin-right') || '';\n    removeAttr(el, 'data-margin-right');\n    }\n
});\n    // Restore body padding\n    var body = document.body;\n    if (hasAttr(body, 'data-padding-right')) {\n
body.style.paddingRight = getAttr(body, 'data-padding-right') || '';\n    removeAttr(body, 'data-padding-right');\n
}\n  }\n  },\n  created: function created() {\n    // create non-reactive property\n    this._observer = null;\n  },\n  mounted: function mounted() {\n    // Measure scrollbar\n    this.getScrollbarWidth();\n    // Listen for events from
others to either open or close ourselves\n    this.listenOnRoot('bv::show::modal', this.showHandler);\n
this.listenOnRoot('bv::hide::modal', this.hideHandler);\n    // Listen for bv:modal::show events, and close ourselves
if the opening modal not us\n    this.listenOnRoot('bv::modal::show', this.modalListener);\n    // Initially show
modal?\n    if (this.visible === true) {\n    this.show();\n    }\n  },\n  beforeDestroy: function beforeDestroy() {\n
// Ensure everything is back to normal\n    if (this._observer) {\n    this._observer.disconnect();\n    this._observer
= null;\n    }\n    this.setResizeEvent(false);\n    // Re-adjust body/navbar/fixd padding/margins (if needed)\n
removeClass(document.body, 'modal-open');\n    this.resetAdjustments();\n    this.resetScrollbar();\n  }\n  },\n  "var
render = function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return
_c('div',{staticClass:"embed-form"},[_c('div',{staticClass:"container-
fluid"},[(!_vm.noTitle)?_c('h4',{staticClass:"embed-form__heading"},[_vm._v("\n
\n"+_vm._s(_vm.$t('embed-form.heading'))+"\n
\n"))]:_vm._e(),_c('div',{staticClass:"row"},[_c('div',{staticClass:"col"},[_c('p',[_vm._v("\n
\n"+_vm._s(_vm.$t('embed-form.introduction'))+"\n
\n")),_c('textarea',{staticClass:"form-control embed-
form__code mb-
2",attrs:{\n  readonly:""},domProps:{\n  value:_vm.embedCode(),on:{\n  click:_vm.selectCode}}),_c('label',{sta
ticClass:"custom-control custom-checkbox btn btn-sm float-
left"},[_c('input',{directives:[{name:"model",rawName:"v-
model",value:(_vm.responsiveCheck),expression:"responsiveCheck"}],staticClass:"custom-control-
input",attrs:{\n  type:"checkbox"},domProps:{\n  checked:Array.isArray(_vm.responsiveCheck)?_vm._i(_vm.res
ponsiveCheck,null)>-1:(_vm.responsiveCheck)},on:{\n  change:function($event){ var
$$a=_vm.responsiveCheck,$$el=$event.target,$$c=$$el.checked?(true):(false);if(Array.isArray($$a)){ var
$$v=null,$$i=_vm._i($$a,$$v);if($$el.checked){ $$i<0&&(_vm.responsiveCheck=$$a.concat($$v))}else{ $$i>-
1&&(_vm.responsiveCheck=$$a.slice(0,$$i).concat($$a.slice($$i+1))} }else{ _vm.responsiveCheck=$$c } } }],_c('s
pan',{staticClass:"custom-control-label font-weight-bold"},[_vm._v("\n
\n"+_vm._s(_vm.$t('embed-
form.responsive-optin'))+"\n
\n"))]),_c('div',{staticClass:"text-right"},[_c('button',{staticClass:"btn btn-link
btn-sm text-uppercase font-weight-
bold",on:{\n  click:_vm.copyEmbedCode}}),_c('fa',{attrs:{\n  icon:"clipboard"}},_vm._v("\n
\n"+_vm._s(_vm.$t('embed-form.copy'))+"\n
\n")),1)]]),(!_vm.noPreview)?_c('div',{staticClass:"col-7 d-none
d-lg-block embed-
form__preview"},[_c('span',{domProps:{\n  innerHTML:_vm._s(_vm.embedCode(false))}})]:_vm._e()]]))]}]nva
r staticRenderFns = []\n\nexport { render, staticRenderFns }",function _typeof2(obj) { if (typeof Symbol ===
"function" && typeof Symbol.iterator === "symbol") { _typeof2 = function _typeof2(obj) { return typeof obj; };
} else { _typeof2 = function _typeof2(obj) { return obj && typeof Symbol === "function" && obj.constructor ===
Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj; }; } return _typeof2(obj); }\n\nexport default
function _typeof(obj) {\n  if (typeof Symbol === "function" && _typeof2(Symbol.iterator) === "symbol") {\n
_typeof = function _typeof(obj) {\n    return _typeof2(obj);\n  }; \n  } else {\n    _typeof = function _typeof(obj)
{\n    return obj && typeof Symbol === "function" && obj.constructor === Symbol && obj !==

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Symbol.prototype ? \"symbol\" : _typeof(obj);\n  });\n }\n\n return _typeof(obj);\n}","import Clipboard from
'clipboard'\n\n\nexport function copyText (text, container) {\n  return new Promise(function (resolve, reject) {\n
var fakeElement = document.createElement('button')\n\n  var clipboard = new Clipboard(fakeElement, {\n    text:
()\n    => (text),\n    action: () => ('copy'),\n    container: typeof container === 'object' ? container : document.body\n
})\n\n  clipboard.on('success', error => {\n    clipboard.destroy()\n    resolve(error)\n  })\n\n  clipboard.on('error', error => {\n    clipboard.destroy()\n    reject(error)\n  })\n\n  fakeElement.click()\n
})\n}\n\n","<style lang=\"scss\" scoped>\n  @import './styles/lib';\n  .embed-form {\n    font-size: 0.9rem;\n    overflow: auto;\n    .custom-control.btn {\n      .custom-control-label:before, .custom-control-label:after {\n        top: 50%;\n        transform: translateY(-50%);\n      }\n    }\n    &__heading {\n      font-size: 1.1em;\n      text-transform: uppercase;\n    }\n    &__code {\n      height: 80px;\n    }\n    &__preview {\n      border-left: 1px $gray-400 dashed;\n    }\n  }\n</style>\n\n<template>\n  <div class=\"embed-form\">\n    <div class=\"container-fluid\">\n      <h4 class=\"embed-form__heading\" v-if=\"!noTitle\">\n        {{ $t('embed-form.heading') }}\n      </h4>\n      <div class=\"row\">\n        <div class=\"col\">\n          <p>\n            {{ $t('embed-form.introduction') }}\n          </p>\n          <textarea class=\"form-control embed-form__code mb-2\" readonly @click=\"selectCode\" :value=\"embedCode()\"></textarea>\n          <label class=\"custom-control custom-checkbox btn btn-sm float-left\">\n            <input type=\"checkbox\" class=\"custom-control-input\" v-model=\"responsiveCheck\">\n            <span class=\"custom-control-label font-weight-bold\">\n              {{ $t('embed-form.responsive-optin') }}\n            </span>\n            </label>\n            <div class=\"text-right\">\n              <button class=\"btn btn-link btn-sm text-uppercase font-weight-bold\" @click=\"copyEmbedCode\">\n                <fa icon=\"clipboard\" />\n                {{ $t('embed-form.copy') }}\n              </button>\n            </div>\n          </div>\n          <div class=\"col-7 d-none d-lg-block embed-form__preview\" v-if=\"!noPreview\">\n            <span v-html=\"embedCode(false)\"></span>\n          </div>\n        </div>\n      </div>\n    </div>\n  </div>\n</template>\n\n<script>\n  import { faClipboard } from '@fortawesome/free-solid-svg-icons/faClipboard'\n  import Vue from 'vue'\n  import i18n from '@/i18n'\n  import IFrameResizer from '@/utils/iframe-resizer'\n  import { copyText } from '@/utils/clipboard'\n  import { library } from './Fa'\n  /**\n   * Embed Form\n   */\n  export default {\n    i18n,\n    name: 'EmbedForm',\n    data () {\n      return {\n        responsiveCheck: false\n      }\n    },\n    beforeMount () {\n      library.add(faClipboard)\n    },\n    components: {\n      /** Prevent a bug with vue-docgen-api\n       * @see https://github.com/vue-styleguidist/vue-docgen-api/issues/23\n       */\n      Fa: require('./Fa').default\n    },\n    props: {\n      /**\n       * Hide the form title\n       */\n      noTitle: {\n        type: Boolean\n      },\n      /**\n       * Hide the preview panel\n       */\n      noPreview: {\n        type: Boolean\n      },\n      /**\n       * Default width of the iframe code\n       */\n      width: {\n        type: [Number, String],\n        default: '100%\n      },\n      /**\n       * Default height of the iframe code\n       */\n      height: {\n        type: Number,\n        default: () => (window.innerHeight)\n      },\n      /**\n       * Default minimal width of the iframe code (if extract from window's size)\n       */\n      minWidth: {\n        type: Number,\n        default: 0\n      },\n      /**\n       * Default minimal height of the iframe code (if extract from window's size)\n       */\n      minHeight: {\n        type: Number,\n        default: 0\n      },\n      /**\n       * URL of the iframe code\n       */\n      url: {\n        type: String\n      }\n    },\n    methods: {\n      iframeCodeFor (url, width, height) {\n        return `<iframe width=\"${width}\" height=\"${height}\" src=\"${IFrameResizer.deletePymParams(url)}\" frameborder=\"0\" allowfullscreen></iframe>\n      },\n      pymCodeFor (url) {\n        return IFrameResizer.template(url)\n      },\n      copyEmbedCode () {\n        return copyText(this.embedCode(), this.$el).then(() => {\n          this.selectCode()\n        })\n      },\n      selectCode () {\n        this.$el.querySelector('.embed-form__code').select()\n      },\n      embedCode (withPym = this.responsiveCheck) {\n        const width = isNaN(this.width) ? this.width : Math.max(this.width, this.minWidth)\n        const height = Math.max(this.height, this.minHeight)\n        return withPym ? this.pymCodeFor(this.currentUrl) : this.iframeCodeFor(this.currentUrl, width, height)\n      }\n    },\n    computed: {\n      currentUrl () {\n        return this.url || window.location.href\n      }\n    }\n  }\n</script>\n\n","import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./EmbedForm.vue?vue&type=script&lang=js\"; export default mod;

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export * from \!..\node_modules/cache-loader/dist/cjs.js??ref--12-0!..\node_modules/thread-
loader/dist/cjs.js!..\node_modules/babel-loader/lib/index.js!..\node_modules/cache-loader/dist/cjs.js??ref--0-
0!..\node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbedForm.vue?vue&type=script&lang=js&"","import { render, staticRenderFns } from
\"./EmbedForm.vue?vue&type=template&id=502aea85&scoped=true&\"\\nimport script from
\"./EmbedForm.vue?vue&type=script&lang=js&\"\\nexport * from
\"./EmbedForm.vue?vue&type=script&lang=js&\"\\nimport style0 from
\"./EmbedForm.vue?vue&type=style&index=0&id=502aea85&lang=scss&scoped=true&\"\\n\\n/* normalize
component */\\nimport normalizer from \!..\node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\\nvar
component = normalizer(\\n script,\\n render,\\n staticRenderFns,\\n false,\\n null,\\n \"502aea85\",\\n null\\n
\\n)\\n\\ncomponent.options.__file = \"EmbedForm.vue\"\\nexport default component.exports,\"<template>\\n <div
class=\"sharing-options\" :style=\"style\">\\n <social-sharing v-bind=\"valuesFor('twitter')\" inline-template>\\n
<network network=\"twitter\" class=\"sharing-options__link\">\\n <fa :icon=\"['fab', 'twitter']\" />\\n <span
class=\"sr-only\">Share on Twitter</span>\\n </network>\\n </social-sharing>\\n <social-sharing v-
bind=\"valuesFor('facebook')\" inline-template>\\n <network network=\"facebook\" class=\"sharing-
options__link\">\\n <fa :icon=\"['fab', 'facebook']\" />\\n <span class=\"sr-only\">Share on
Facebook</span>\\n </network>\\n </social-sharing>\\n <social-sharing v-bind=\"valuesFor('linkedin')\" inline-
template>\\n <network network=\"linkedin\" class=\"sharing-options__link\">\\n <fa :icon=\"['fab',
'linkedin']\" />\\n <span class=\"sr-only\">Share on Linkedin</span>\\n </network>\\n </social-sharing>\\n
<social-sharing v-bind=\"valuesFor('email')\" inline-template>\\n <network network=\"email\" class=\"sharing-
options__link\">\\n <fa icon=\"envelope\" />\\n <span class=\"sr-only\">Share by email</span>\\n
</network>\\n </social-sharing>\\n <div class=\"sharing-options__link\" v-show=\"!noEmbed\">\\n <a
@click=\"showEmbedForm\">\\n <fa icon=\"code\" />\\n <span class=\"sr-only\">Embed</span>\\n
</a>\\n </div>\\n <b-modal hide-footer ref=\"embedForm\" title=\"Embed on your website\" class=\"text-
dark\">\\n <embed-form no-title no-preview :min-height=\"iframeMinHeight\" :min-
width=\"iframeMinWidth\"></embed-form>\\n </b-modal>\\n </div>\\n</template>\\n<script>\\n import bModal
from 'bootstrap-vue/es/components/modal/modal'\\n import SocialSharing from 'vue-social-sharing';\\n import get
from 'lodash/get'\\n import reduce from 'lodash/reduce'\\n\\n import i18n from '@i18n'\\n import { faCode } from
'@fortawesome/free-solid-svg-icons/faCode'\\n import { faEnvelope } from '@fortawesome/free-solid-svg-
icons/faEnvelope'\\n import { faTwitter } from '@fortawesome/free-brands-svg-icons/faTwitter'\\n import {
faFacebook } from '@fortawesome/free-brands-svg-icons/faFacebook'\\n import { faLinkedin } from
'@fortawesome/free-brands-svg-icons/faLinkedin'\\n\\n import EmbedForm from './EmbedForm.vue'\\n import
config from './config'\\n import IFrameResizer from './utils/iframe-resizer'\\n\\n import { library } from './Fa'\\n
/**\\n * SharingOptions\\n */\\n export default {\\n i18n,\\n name: 'SharingOptions',\\n components: {\\n
bModal,\\n EmbedForm,\\n SocialSharing,\\n /** Prevent a bug with vue-docgen-api\\n * @see
https://github.com/vue-styleguidist/vue-docgen-api/issues/23\\n */\\n Fa: require('./Fa').default\\n },\\n
beforeMount () {\\n library.add(faCode, faEnvelope, faTwitter, faFacebook, faLinkedin)\\n // Inject Fa
components in child component\\n SocialSharing.components.Fa = require('./Fa').default\\n },\\n props: {\\n
/**\\n * URL to be shared.\\n */\\n url: {\\n type: String,\\n default: () => config.get('sharing-
options.url', null) || IFrameResizer.deletePymParams()\\n },\\n /**\\n * Direction of the sharing options. Can
be: <em>row</em>, <em>row-reverse</em>,\\n * <em>column</em> or <em>column-reverse</em>.\\n */\\n
direction: {\\n default: 'row',\\n validator (value) {\\n return ['row', 'row-reverse', 'column', 'column-
reverse'].indexOf(value) !== -1\\n }\\n },\\n /**\\n * Sharing contents wich can be generic
(<em>title</em>, <em>description</em>, etc)\\n * or specific to a network (<em>twitter_title</em>,
<em>facebook_description</em>, etc).\\n */\\n values: {\\n type: Object,\\n default: () => ({}),\\n },\\n
/**\\n * The list of all the keys to automatcly inject in each social button.\\n */\\n valuesKeys: {\\n
default: () => ['url', 'title', 'description', 'media', 'twitter-user'],\\n type: Array\\n },\\n /**\\n * Disable
embed button.\\n */\\n noEmbed: {\\n type: Boolean\\n },\\n /**\\n * Minimum height of the iframe

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in the embed form.\n    */\n    iframeMinHeight: {\n      type: Number\n    },\n    /**\n     * Minimum width
of the iframe in the embed form.\n    */\n    iframeMinWidth: {\n      type: Number\n    },\n    /**\n     *
Prevent from reading default value from the <code>meta</code>.\n    */\n    noMeta: {\n      type: Boolean\n
}\n  },\n  methods: {\n    showEmbedForm () {\n      this.showShareOptions = false\n      return
this.$refs.embedForm.show()\n    },\n    valuesFor (network) {\n      const values =
Object.assign(this.metaValues, this.values)\n      return reduce(this.valuesKeys, (res, key) => {\n        res[key] =
get(values, `${network}_${key}`, values[key])\n        return res\n      }, {})\n    },\n    defaultValueFor(key,
metaSelector = null) {\n      if (this.noMeta || !metaSelector) {\n        return config.get(key)\n      }\n      return
get(document.head.querySelector(metaSelector), 'content', config.get(key))\n    },\n    computed: {\n      style
() {\n        return {\n          'flex-direction': this.direction\n        }\n      },\n      metaValues () {\n        return {\n
'url': this.url,\n          'title': this.defaultValueFor('sharing-options.title'),\n          'description':
this.defaultValueFor('sharing-options.description', 'meta[name="description"]'),\n          'facebook_title':
this.defaultValueFor('sharing-options.facebook_title', 'meta[property="og:title"]'),\n          'facebook_description':
this.defaultValueFor('sharing-options.description', 'meta[property="og:description"]'),\n          'facebook_media':
this.defaultValueFor('sharing-options.media', 'meta[property="og:image"]'),\n          'facebook_url':
this.defaultValueFor('app.home', 'meta[property="og:url"]'),\n          'twitter_media': this.defaultValueFor('sharing-
options.media', 'meta[name="twitter:image"]'),\n          'twitter_twitter-user': this.defaultValueFor('sharing-
options.twitter-user', 'meta[name="twitter:site"])\n        }\n      }\n    }\n  }\n</script>\n<style lang="scss">\n
@import './styles/lib';\n @import './styles/mixins';\n\n .sharing-options {\n  display: flex;\n\n  &__link {\n
display: block;\n  margin: $spacer / 4;\n  background: black;\n  height: 2.5em;\n  line-height: 2.5em;\n
width: 2.5em;\n  text-align: center;\n  font-size: 80%;\n  border-radius: 50%;\n  cursor: pointer;\n  color:
white;\n  position: relative;\n\n  i {\n    position: absolute;\n    top: 50%;\n    left: 50%;\n    transform:
translate(-50%, -50%);\n  }\n\n  & > a, & > button {\n    width: 100%;\n    height: 100%;\n    display:
block;\n  }\n}\n</style>\n", "import mod from "!..../node_modules/cache-loader/dist/cjs.js??ref--12-0!..../node_modules/thread-loader/dist/cjs.js!..../node_modules/babel-loader/lib/index.js!..../node_modules/cache-
loader/dist/cjs.js??ref--0-0!..../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SharingOptions.vue?vue&type=script&lang=js&"; export default mod; export * from "-
!..../node_modules/cache-loader/dist/cjs.js??ref--12-0!..../node_modules/thread-
loader/dist/cjs.js!..../node_modules/babel-loader/lib/index.js!..../node_modules/cache-loader/dist/cjs.js??ref--0-
0!..../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SharingOptions.vue?vue&type=script&lang=js&""; import { render, staticRenderFns } from
"./SharingOptions.vue?vue&type=template&id=4e36ddf6&"; import script from
"./SharingOptions.vue?vue&type=script&lang=js&"; export * from
"./SharingOptions.vue?vue&type=script&lang=js&"; import style0 from
"./SharingOptions.vue?vue&type=style&index=0&lang=scss&";\n\n/* normalize component */\nimport
normalizer from "!..../node_modules/vue-loader/lib/runtime/componentNormalizer.js";\n\nvar component =
normalizer(\n  script,\n  render,\n  staticRenderFns,\n  false,\n  null,\n  null,\n  null,\n  null\n
)\n\ncomponent.options.__file = "SharingOptions.vue";\n\nexport default component.exports;\n<template>\n <div
class="embeddable-footer p-2 text-nowrap">\n  <a href="homeUrl" target="_blank" class="text-white
embeddable-footer__brand">\n    \n    {{ title }}\n  </a>\n  <div class="embeddable-footer__lead small text-truncate" v-
html="lead"></div>\n  <button class="btn btn-link text-white btn-sm py-0 embeddable-footer__share-btn"
@click="showShareOptions = !showShareOptions" :class="{ active: showShareOptions }">\n    <fa
icon="share-alt" />\n    <span class="sr-only">{{ $t('embeddable-footer.share') }}</span>\n  </button>\n
<sharing-options :values="sharingOptionsValues" v-if="showShareOptions" direction="column-reverse"
:iframe-min-height="iframeMinHeight" :iframe-min-width="iframeMinWidth"></sharing-options>\n
</div>\n</template>\n\nimport { faShareAlt } from '@fortawesome/free-solid-svg-icons/faShareAlt'\n\nimport i18n from '@i18n'\n  import IframeResizer from '@/utils/iframe-resizer'\n  import SharingOptions from

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./SharingOptions\n import config from '@/config'\n\n import { library } from './Fa'\n\n /**\n *
EmbeddableFooter\n */\n export default {\n  i18n,\n  name: 'EmbeddableFooter',\n  beforeMount() {\n
library.add(faShareAlt)\n  },\n  components: {\n    /** Prevent a bug with vue-docgen-api\n    * @see
https://github.com/vue-styleguidist/vue-docgen-api/issues/23\n    */\n    Fa: require('./Fa').default,\n
SharingOptions\n  },\n  props: {\n    /**\n    * Title to display next to ICIJ logo.\n    */\n    title: {\n
type: String,\n    default: () => config.get('project.name')\n  },\n    /**\n    * Lead sentence to display next to
the title.\n    */\n    lead: {\n    type: String,\n    default: ''\n  },\n    /**\n    * Minimum height for the
iframe generated in the embed form.\n    */\n    iframeMinHeight: {\n    type: Number\n  },\n    /**\n    *
Minimum width for the iframe generated in the embed form.\n    */\n    iframeMinWidth: {\n    type: Number\n
  },\n    /**\n    * Target of the ICIJ logo and title links.\n    */\n    homeUrl: {\n    type: String,\n
default: () => config.get('app.home')\n  },\n    /**\n    * Sharing option values to bind to the sharing-options
component on the bottom-right corner.\n    */\n    sharingOptionsValues: {\n    type: Object,\n    default: ()
=> ({})\n  }\n  },\n  data () {\n    return {\n      showShareOptions: false\n    }\n  },\n  mounted () {\n
IframeResizer.create();\n  }\n}\n</script>\n<style lang="scss" scoped>\n @import './styles/lib';\n @import
'./styles/mixins';\n\n @include keyframes(slideup) {\n  0% {\n    transform: translateY(100%);\n    opacity:0;\n
}\n\n  100% {\n    transform: translateY(0%);\n    opacity:1;\n  }\n}\n\n .embeddable-footer {\n  display:
flex;\n  flex-direction: row;\n  align-items: center;\n\n  z-index: $zindex-sticky;\n  position: fixed;\n  bottom:
0;\n  left: 0;\n  width: 100%;\n  background: black;\n  color: white;\n  // Magic technique to have a minimum
font-size (10px-ish)\n  font-size: calc(10px + 1.5vh);\n\n  @media screen and (min-height: 800px) {\n    font-
size: 1rem;\n  }\n\n  &__brand {\n    padding-right: $spacer;\n    margin-right: $spacer;\n    border-right: 2px
solid white;\n    font-family: $headings-font-family;\n    font-size: 1.1em;\n  }\n\n  &__lead {\n    flex-grow:
1;\n    min-width: 0;\n    font-size: 0.9em;\n  }\n\n  &__share-btn {\n    border: 1px solid transparent;\n
height: 2.5em;\n    line-height: 2.5em;\n    width: 2.5em;\n    font-size: 80%;\n    text-align: center;\n    border-
radius: 50%;\n\n    &.active {\n      border-color: white;\n    }\n\n    &:hover {\n      background: rgba(white,
.1);\n    }\n  }\n\n  &/deep/ .sharing-options {\n    position: absolute;\n    bottom: 100%;\n    right: 0;\n
margin: $spacer * 0.25;\n\n    &__link {\n      opacity: 0;\n      animation:slideup 200ms forwards;\n\n    @include animation-delay-loop(0, 10, 50ms);\n    }\n  }\n}\n</style>\n", "import mod from \"-
!../../node_modules/cache-loader/dist/cjs.js??ref--12-0!../../node_modules/thread-
loader/dist/cjs.js!../../node_modules/babel-loader/lib/index.js!../../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbeddableFooter.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-
!../../node_modules/cache-loader/dist/cjs.js??ref--12-0!../../node_modules/thread-
loader/dist/cjs.js!../../node_modules/babel-loader/lib/index.js!../../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../../node_modules/vue-loader/lib/index.js??vue-loader-
options!./EmbeddableFooter.vue?vue&type=script&lang=js&\", \"import { render, staticRenderFns } from
\"./EmbeddableFooter.vue?vue&type=template&id=36cb84e2&scoped=true&\"\\nimport script from
\"./EmbeddableFooter.vue?vue&type=script&lang=js&\"\\nexport * from
\"./EmbeddableFooter.vue?vue&type=script&lang=js&\"\\nimport style0 from
\"./EmbeddableFooter.vue?vue&type=style&index=0&id=36cb84e2&lang=scss&scoped=true&\"\\n\\n/* normalize
component */\\nimport normalizer from \"!../../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\\nvar
component = normalizer(\\n  script,\\n  render,\\n  staticRenderFns,\\n  false,\\n  null,\\n  \"36cb84e2\",\\n  null\\n
\\n)\\n\\ncomponent.options.__file = \"EmbeddableFooter.vue\"\\nexport default component.exports\", \"var render =
function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{staticClass:\"follow-
us\"}),[_c('button',{staticClass:\"btn btn-link text-light follow-
us__close\",on:{\"click\":_vm.closeSignupPopover}},[_c('fa',{attrs:{\"icon\":\"times\"}})],1),_c('sign-up-
form',{staticClass:\"p-3\"}),_c('div',{staticClass:\"px-3 pb-1 text-uppercase text-muted font-weight-
bold\"}),[_vm._v(\\n\\n \\n+_vm._s(_vm.$t('follow-us-popover.heading'))+\\n\\n \\n)],_c('div',{staticClass:\"p-3 bg-
light container-fluid text-

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center"},[_c('div',{staticClass:"row"}),[_c('div',{staticClass:"col"}),[_c('a',{staticClass:"d-inline-block text-
primary border border-primary rounded-circle bg-white follow-us__social-
btn",attrs:{\"href\":\"https://twitter.com/icijorg\", \"target\":\"_blank\", \"title\":\"Twitter\"}},[_c('fa',{attrs:{\"icon\":\"[
fab', 'twitter'], \"size\":\"lg\"}}),_c('span',{staticClass:"sr-
only\"},[_vm._v(\"Twitter\"))],1)],_c('div',{staticClass:"col"}),[_c('a',{staticClass:"d-inline-block text-primary
border border-primary rounded-circle bg-white follow-us__social-
btn",attrs:{\"href\":\"https://www.facebook.com/ICIJ.org\", \"target\":\"_blank\", \"title\":\"Facebook\"}},[_c('fa',{attr
s:{\"icon\":\"[fab', 'facebook'], \"size\":\"lg\"}}),_c('span',{staticClass:"sr-
only\"},[_vm._v(\"Facebook\"))],1)],_c('div',{staticClass:"col"}),[_c('a',{staticClass:"d-inline-block text-primary
border border-primary rounded-circle bg-white follow-us__social-
btn",attrs:{\"href\":\"https://www.linkedin.com/company/1732242/\", \"target\":\"_blank\", \"title\":\"Linkedin\"}},[_c
('fa',{attrs:{\"icon\":\"[fab', 'linkedin'], \"size\":\"lg\"}}),_c('span',{staticClass:"sr-
only\"},[_vm._v(\"Linkedin\"))],1)]))],1)]))nvar staticRenderFns = []\n\nexport { render, staticRenderFns },\"var
render = function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return
_c('form',{staticClass:"sign-up-form\",class:{ 'sign-up-form--horizontal': _vm.horizontal
},on:{\"submit\":function($event){$event.preventDefault();_vm.subscribe($event)}}},[_c('fieldset',{attrs:{\"disab
le\":_vm.frozen}},[(!_vm.noLabel)?_c('label',{staticClass:\"text-uppercase text-muted font-weight-
bold\",attrs:{\"for\":\"input-email\"}},[_vm._v(\"\\n    \"+_vm._s(_vm.$t(\"sign-up-form.label\"))+\"\\n
\\n\"))]:_vm._e(),_c('div',{staticClass:\"sign-up-form__fieldset__group\",class:{ 'input-group': _vm.horizontal
}},[_c('input',{directives:[{name:\"model\",rawName:\"v-
model\",value:(_vm.email),expression:\"email\"}],staticClass:\"form-
control\",attrs:{\"name\":\"EMAIL\", \"type\":\"text\", \"placeholder\":_vm.$t('sign-up-
form.placeholder'),\"id\":\"input-
email\",domProps:{\"value\":(_vm.email)},on:{\"input\":function($event){if($event.target.composing){ return;
}_vm.email=$event.target.value}}}),_c('div',{staticClass:\"sign-up-form__fieldset__group__addon\",class:{ 'input-
group-append': _vm.horizontal }}),[_c('button',{staticClass:\"btn btn-primary text-uppercase font-weight-
bold\",attrs:{\"type\":\"submit\"}},[_vm._v(\"\\n    \"+_vm._s(_vm.$t(\"sign-up-form.submit\"))+\"\\n
\\n\"))]]))],_c('input',{attrs:{\"type\":\"hidden\", \"name\":\"group[9][1]\", \"value\":\"1\"}}),_c('input',{attrs:{\"type\":
\"hidden\", \"name\":\"SIGNUP\"},domProps:{\"value\":_vm.tracker}}),(_vm.errorMessage)?_c('p',{staticClass:\"aler
t alert-danger p-2 m-0 mt-
2\",domProps:{\"innerHTML\":_vm._s(_vm.errorMessage)}}):_vm._e(),(_vm.successMessage)?_c('p',{staticClass:
\"alert alert-success p-2 m-0 mt-2\",domProps:{\"innerHTML\":_vm._s(_vm.successMessage)}}):_vm._e())\n\nvar
staticRenderFns = []\n\nexport { render, staticRenderFns },\"<template>\n <form
@submit.prevent=\\\"subscribe($event)\\\" class=\\\"sign-up-form\\\" :class=\\\"{ 'sign-up-form--horizontal': horizontal
}\\\">\n <fieldset :disabled=\\\"frozen\\\">\n <label class=\\\"text-uppercase text-muted font-weight-bold\\\"
for=\\\"input-email\\\" v-if=\\\"!noLabel\\\">\n {{ $t('sign-up-form.label') }}\n </label>\n <div class=\\\"sign-
up-form__fieldset__group\\\" :class=\\\"{ 'input-group': horizontal }\\\">\n <input v-model=\\\"email\\\"
name=\\\"EMAIL\\\" type=\\\"text\\\" class=\\\"form-control\\\" :placeholder=\\\"$t('sign-up-form.placeholder')\\\" id=\\\"input-
email\\\" />\n <div class=\\\"sign-up-form__fieldset__group__addon\\\" :class=\\\"{ 'input-group-append': horizontal
}\\\">\n <button class=\\\"btn btn-primary text-uppercase font-weight-bold\\\" type=\\\"submit\\\">\n {{
$t('sign-up-form.submit') }}\n </button>\n </div>\n </div>\n </fieldset>\n <input
type=\\\"hidden\\\" name=\\\"group[9][1]\\\" value=\\\"1\\\" />\n <input type=\\\"hidden\\\" name=\\\"SIGNUP\\\"
:value=\\\"tracker\\\" />\n <p v-if=\\\"errorMessage\\\" class=\\\"alert alert-danger p-2 m-0 mt-2\\\" v-
html=\\\"errorMessage\\\"></p>\n <p v-if=\\\"successMessage\\\" class=\\\"alert alert-success p-2 m-0 mt-2\\\" v-
html=\\\"successMessage\\\"></p>\n </form>\n</template>\n\n<script>\nimport $ from 'jquery'\nimport last from
'lodash/last'\nimport config from './config'\nimport i18n from '@/i18n'\n\n/**\n * SignUpForm\n */\nexport default
{\n i18n,\n name: 'SignUpForm',\n props: {\n /**\n * Mailchimp URL to send the data to.\n */\n action:\n {\n type: String,\n default: () => config.get('signup-form.action')\n },\n /**\n * Disable the main label.\n

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*/\n noLabel: {\n type: Boolean\n },\n /**\n * Horizontal layout of the form.\n */\n horizontal: {\n
type: Boolean\n },\n /**\n * Mailchimp tracker tag to identify the origin.\n */\n tracker: {\n type:
String,\n default: () => config.get('signup-form.tracker')\n }\n },\n data () {\n return {\n email: ",\n
frozen: false,\n response: {},\n errorMessage: null,\n successMessage: null\n };,\n },\n computed: {\n
actionJsonp () {\n return this.action.replace('/post?', '/post-json?').concat('&c=?')\n }\n },\n methods: {\n
subscribe () {\n this.resetMessages()\n this.freeze()\n // Send the data, catch the result no matter what and
unfreeze the form\n this.send().always(this.done).always(this.unfreeze)\n },\n send () {\n return $.ajax({\n
type: 'POST',\n url: this.actionJsonp,\n data: $(this.$el).serialize(),\n dataType: 'jsonp'\n })\n
},\n done (res) {\n if (res.result === 'success') {\n this.email = "\n this.successMessage = res.msg;\n
} else {\n // Mailchimp formats errors in list\n this.errorMessage = last((res.msg || "Something's
wrong").split('0 -'))\n }\n },\n resetMessages () {\n this.errorMessage = null\n this.successMessage =
null\n },\n freeze () {\n this.frozen = true\n },\n unfreeze () {\n this.frozen = false\n }\n
}\n};\n</script>\n<style lang="scss">\n @import '../styles/lib.scss';\n\n .sign-up-form {\n\n .sign-up-
form__fieldset_group_addon_btn {\n font-size: 0.9em;\n }\n\n &:not(&--horizontal) {\n\n .sign-up-
form__fieldset_group_addon_btn {\n display: block;\n width: 100%;\n }\n }\n
}\n</style>\n", "import mod from '-!../node_modules/cache-loader/dist/cjs.js??ref--12-
0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-
loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SignUpForm.vue?vue&type=script&lang=js&'; export default mod; export * from '-
!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-
loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-
0!../node_modules/vue-loader/lib/index.js??vue-loader-
options!./SignUpForm.vue?vue&type=script&lang=js&'", "import { render, staticRenderFns } from
'./SignUpForm.vue?vue&type=template&id=3a583f00&'\nimport script from
'./SignUpForm.vue?vue&type=script&lang=js&'\nexport * from
'./SignUpForm.vue?vue&type=script&lang=js&'\nimport style0 from
'./SignUpForm.vue?vue&type=style&index=0&lang=scss&'\n\n\n/* normalize component */\nimport normalizer
from '!../node_modules/vue-loader/lib/runtime/componentNormalizer.js'\n\nvar component = normalizer(\n
script,\n render,\n staticRenderFns,\n false,\n null,\n null,\n null\n \n)\n\ncomponent.options.__file =
'./SignUpForm.vue'\n\nexport default component.exports", "<template>\n <div class="follow-us">\n <button
class="btn btn-link text-light follow-us__close" @click="closeSignupPopover">\n <fa icon="times" />\n
</button>\n <sign-up-form class="p-3"></sign-up-form>\n <div class="px-3 pb-1 text-uppercase text-muted
font-weight-bold">\n {{ $t('follow-us-popover.heading') }}\n </div>\n <div class="p-3 bg-light container-
fluid text-center">\n <div class="row">\n <div class="col">\n <a
href="https://twitter.com/icijorg" target="_blank" class="d-inline-block text-primary border border-primary
rounded-circle bg-white follow-us__social-btn" title="Twitter">\n <fa :icon="['fab', 'twitter']" size="lg"
/>\n <span class="sr-only">Twitter</span>\n </a>\n </div>\n <div class="col">\n <a
href="https://www.facebook.com/ICIJ.org" target="_blank" class="d-inline-block text-primary border border-
primary rounded-circle bg-white follow-us__social-btn" title="Facebook">\n <fa :icon="['fab',
'facebook']" size="lg" />\n <span class="sr-only">Facebook</span>\n </a>\n </div>\n <div
class="col">\n <a href="https://www.linkedin.com/company/1732242/" target="_blank" class="d-inline-
block text-primary border border-primary rounded-circle bg-white follow-us__social-btn" title="Linkedin">\n
<fa :icon="['fab', 'linkedin']" size="lg" />\n <span class="sr-only">Linkedin</span>\n </a>\n
</div>\n </div>\n </div>\n </div>\n</template>\n\nimport { faTimes } from '@fortawesome/free-
solid-svg-icons/faTimes'\n import { faTwitter } from '@fortawesome/free-brands-svg-icons/faTwitter'\n import {
faFacebook } from '@fortawesome/free-brands-svg-icons/faFacebook'\n import { faLinkedin } from
'@fortawesome/free-brands-svg-icons/faLinkedin'\n\n import i18n from '@/i18n'\n import SignUpForm from
'./SignUpForm.vue'\n import { library } from './Fa'\n\n /**\n * FollowUsPopover\n */\n export default {\n

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papers^\", \"target\": \"_blank\" }}, [_vm._v(\\n
\\)))]), _c('li', { staticClass: \"list-unstyled-item\" }, [_c('a', { attrs: { \"href\": \"https://www.icij.org/investigations/panama-
papers^\", \"target\": \"_blank\" }}, [_vm._v(\\n
\\)))]), _c('li', { staticClass: \"list-unstyled-item\" }, [_c('a', { attrs: { \"href\": \"https://www.icij.org/investigations/world-
bank^\", \"target\": \"_blank\" }}, [_vm._v(\\n
\\)))]), _c('li', { staticClass: \"list-unstyled-
item\" }, [_c('a', { attrs: { \"href\": \"https://www.icij.org/investigations/offshore^\", \"target\": \"_blank\" }}, [_vm._v(\\n
\\)))]), _c('li', { staticClass: \"list-unstyled-
item\" }, [_c('a', { attrs: { \"href\": \"https://www.facebook.com/ICIJ.org^\", \"target\": \"_blank\" }}, [_vm._v(\\n
\\)))]), _c('li', { staticClass: \"list-unstyled-
item\" }, [_c('a', { attrs: { \"href\": \"https://www.linkedin.com/company/1732242/^\", \"target\": \"_blank\" }}, [_vm._v(\\n
\\)))]), _c('li', { staticClass: \"list-unstyled-
item\" }, [_c('a', { attrs: { \"href\": \"https://twitter.com/icijorg^\", \"target\": \"_blank\" }}, [_vm._v(\\n
\\)))])))]])\nexport { render, staticRenderFns }\", <template>\n <footer class= \"generic-
footer\">\n <div class= \"container\">\n <div class= \"row\">\n <div class= \"col-md-5\">\n <h5
class= \"text-uppercase text-white clearfix generic-footer__icij mb-3\">\n <a href= \"https://icij.org\"
target= \"_blank\" class= \"generic-footer__icij__logo\">\n <img src= \"../assets/images/icij@2x.png\"
class= \"mw-100\" />\n </a>\n <a class= \"text-nowrap\" href= \"https://icij.org\" target= \"_blank\">\n
International Consortium of<br />\n Investigative Journalists\n </a>\n </h5>\n <p
class= \"\">\n 1710 Rhode Island Ave NW | 11th floor <br />\n Washington DC 20006 USA\n
</p>\n <p>\n <strong>\n <a href= \"mailto:contact@icij.org\" class= \"text-selective-
yellow\">contact@icij.org</a>\n </strong>\n </p>\n </div>\n <div class= \"col-md-7\">\n
<div class= \"row justify-content-end\">\n <div class= \"col-md-5\">\n <h5 class= \"text-selective-
yellow text-uppercase mb-3\">\n {{ $t('generic-footer.investigations') }}\n </h5>\n <!--
@slot List of investigations -->\n <slot name= \"investigations\">\n <ul class= \"list-unstyled\">\n
<li class= \"list-unstyled-item\">\n <a href= \"https://www.icij.org/investigations/paradise-
papers^\" target= \"_blank\">\n Paradise Papers\n </a>\n </li>\n <li
class= \"list-unstyled-item\">\n <a href= \"https://www.icij.org/investigations/panama-papers^\"
target= \"_blank\">\n Panama Papers\n </a>\n </li>\n <li class= \"list-
unstyled-item\">\n <a href= \"https://www.icij.org/investigations/world-bank\" target= \"_blank\">\n
Evicted and Abandoned\n </a>\n </li>\n <li class= \"list-unstyled-item\">\n
<a href= \"https://www.icij.org/investigations/offshore^\" target= \"_blank\">\n Secrecy for
Sale\n </a>\n </li>\n </ul>\n </slot>\n </div>\n <div
class= \"col-md-4\">\n <h5 class= \"text-selective-yellow text-uppercase mb-3\">\n {{ $t('generic-
footer.follow-us') }}\n </h5>\n <ul class= \"list-unstyled\">\n <li class= \"list-unstyled-
item\">\n <a href= \"https://www.facebook.com/ICIJ.org\" target= \"_blank\">\n Facebook\n
</a>\n </li>\n <li class= \"list-unstyled-item\">\n <a
href= \"https://www.linkedin.com/company/1732242/^\" target= \"_blank\">\n LinkedIn\n
</a>\n </li>\n <li class= \"list-unstyled-item\">\n <a href= \"https://twitter.com/icijorg\"
target= \"_blank\">\n Twitter\n </a>\n </li>\n </ul>\n </div>\n
</div>\n </div>\n </div>\n <p class= \"text-white text-md-right small mt-5\">\n <strong>© {{ year
}} — The International Consortium of Investigative Journalists.</strong>\n {{ $t('generic-footer.all-rights')
}}\n <br />\n <span v-if= \"version\" class= \"text-muted\">\n {{ $t('generic-footer.version', { version
}) }}\n </span>\n </p>\n </div>\n </footer>\n</template>\n<script>\nimport i18n from
'/i18n'\n\n/**\n * GenericFooter\n */\nexport default {\n i18n,\n name: 'GenericFooter',\n props: {\n /**\n *
Version of the app to display in the bottom-right corner of the footer\n *\n version: {\n type: String\n }\n
},\n computed: {\n year () {\n return (new Date()).getFullYear()\n }\n }\n}\n</script>\n<style
```

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lang="scss" scoped>\n @import './styles/lib';\n\n .generic-footer {\n  background: black;\n  color: #999;\n  padding: $spacer * 4 0;\n\n  @include media-breakpoint-down(md) {\n    padding: $spacer;\n  }\n\n  a {\n    color: inherit;\n  }\n\n  h5 {\n    font-family: $font-family-sans-serif;\n    font-size: 1rem;\n  }\n\n  &__icij\n  {\n    display: flex;\n    justify-content: start;\n    align-items: center;\n\n    @include media-breakpoint-down(xs) {\n      display: block;\n    }\n\n    &__logo {\n      display: block;\n      width: 54px;\n      flex: 0 0 54px;\n      margin-right: 8px;\n\n      @include media-breakpoint-down(xs) {\n        margin-bottom: $spacer;\n      }\n    }\n  }\n}</style>\n","import mod from \"!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./GenericFooter.vue?vue&type=script&lang=js&\"; export default mod; export * from \"!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0-0!../node_modules/vue-loader/lib/index.js??vue-loader-options!./GenericFooter.vue?vue&type=script&lang=js&\";\"import { render, staticRenderFns } from './GenericFooter.vue?vue&type=template&id=203025b4&scoped=true&\"\\nimport script from './GenericFooter.vue?vue&type=script&lang=js&\"\\nexport * from './GenericFooter.vue?vue&type=script&lang=js&\"\\nimport style0 from './GenericFooter.vue?vue&type=style&index=0&id=203025b4&lang=scss&scoped=true&\"\\n\\n/* normalize component */\\nimport normalizer from \"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\\nvar component = normalizer(\\n script,\\n render,\\n staticRenderFns,\\n false,\\n null,\\n \"203025b4\",\\n null\\n\\n)\\n\\ncomponent.__file = \"GenericFooter.vue\"\\nexport default component.exports,\"var render = function () { var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',[_c(_vm.rootElement,{ tag:'component',staticClass:'navbar navbar-expand-lg navbar-light imddb-header',class:{ 'headroom--frozen': !_vm.collapseNavbar },style:{ position: _vm.position }),attrs:{ 'id':'imddb-header','data-turbolinks-permanent':'','offset':100,'z-index':1020,'on-unpin':_vm.closeFollowUsPopover }],[_vm._t(\"brand\"],[_c('a',{ staticClass:'navbar-brand imddb-header__brand',attrs:{ 'href':_vm.homeUrl }],[_c('img',{ staticClass:'mr-3',attrs:{ 'src':require(\"../assets/images/icij-black@2x.png\"),'height':'25'}]),_vm._v(\"\\n\"+_vm._s(_vm.project)+\"\\n \")]))],_c('button',{ staticClass:'navbar-toggler',attrs:{ 'type':'button','aria-label':'Toggle navigation'},on:{ 'click':_vm.toggleNavbar }],[_c('span',{ staticClass:'navbar-toggler-icon'})]),_c('div',{ staticClass:'navbar-collapse',class:{ collapse: _vm.collapseNavbar }],[_vm._t(\"navbar\"],[_c('ul',{ staticClass:'navbar-nav mr-auto'}],[_c('b-nav-dropdown',{ on:{ 'show':function($event){_vm.$root.$emit('bv::hide::popover')} }],[_c('template',{ slot:'button-content'}],[_vm._v(\"\\n \"+_vm._s(_vm.title)+\"\\n\"+_vm._l(_vm.dropdownItems),function(item,$index){return _c('b-dropdown-item',_vm._b({ key:$index,attrs:{ 'href':item.href }},'b-dropdown-item',{ active: !!item.active },false),[_vm._v(\"\\n \"+_vm._s(item.label)+\"\\n \")]))],2),1]),_c('ul',{ staticClass:'navbar-nav'}],[_c('li',{ staticClass:'nav-link',attrs:{ 'href':'https://www.icij.org/leak','target':'_blank'} }],[_vm._v(\"\\n\"+_vm._s(_vm.$t('imddb-header.navbar.leak'))+\"\\n \")]))],_c('li',{ staticClass:'nav-item mr-lg-3'},[_c('a',{ staticClass:'nav-link',attrs:{ 'href':'#'},on:{ 'click':function($event){ $event.preventDefault();_vm.$refs.donateFormModal.show() } }],[_vm._v(\"\\n \"+_vm._s(_vm.$t('imddb-header.navbar.support'))+\"\\n\"+_vm._l(_vm.$t('imddb-header.navbar.support'))]),_c('li',{ staticClass:'nav-item'},[_c('button',{ staticClass:'btn btn-saddle-red btn-block font-weight-bold',attrs:{ 'id':'follow-icij'} }],[_vm._v(\"\\n \"+_vm._s(_vm.$t('imddb-header.navbar.follow'))+\"\\n\"+_vm._l(_vm.$t('imddb-header.navbar.follow'))]),_c('b-popover',{ attrs:{ 'container':'imddb-header','target':'follow-icij','placement':'bottomleft','show':_vm.showSignupPopover },on:{ 'update:show':function($event){_vm.showSignupPopover=$event } }],[_c('follow-us-

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popover', { attrs: { 'show': _vm.showSignupPopover }, on: { 'update:show': function($event) { _vm.showSignupPopov
er=$event } } ]], 1), 1) ]], 2), 2), _c('b-modal', { ref: 'donateFormModal', attrs: { 'hide-
footer': '', 'lazy': '', 'size': 'lg' } }, [_c('span', { staticClass: 'text-uppercase font-weight-bold text-
primary', attrs: { 'slot': 'modal-title', slot: 'modal-title' }, [_vm._v("\n  ") + _vm._s(_vm.$t('imddb-
header.navbar.support')) + "\n  "])], _c('donate-form', { attrs: { 'no-title': '' } } ]], 1), 1) } nvar staticRenderFns =
[]\n\nexport { render, staticRenderFns }, "import { mergeData } from 'vue-functional-data-merge';\nimport Link, {
propsFactory as linkPropsFactory } from './link/link';\n\nexport var props = linkPropsFactory();\n\nexport default
{\n  functional: true,\n  props: props,\n  render: function render(h, _ref) {\n    var props = _ref.props,\n    data =
_ref.data,\n    children = _ref.children;\n\n    return h(Link, mergeData(data, {\n      props: props,\n      staticClass:
'dropdown-item',\n      attrs: { role: 'menuitem' } \n    }), children);\n  }\n};", "export default {\n  mounted: function
mounted() {\n    if (typeof document !== 'undefined') {\n      document.documentElement.addEventListener('click',
this._clickOutListener);\n    }\n  },\n  beforeDestroy: function beforeDestroy() {\n    if (typeof document !==
'undefined') {\n      document.removeEventListener('click', this._clickOutListener);\n    }\n  },\n\n  methods: {\n    _clickOutListener: function _clickOutListener(e) {\n    if (!this.$el.contains(e.target)) {\n    if
(this.clickOutListener) {\n      this.clickOutListener();\n    }\n  }\n  }\n};", "import Popper from
'popper.js';\nimport clickoutMixin from './clickout';\nimport listenOnRootMixin from './listen-on-root';\nimport {
from as arrayFrom } from './utils/array';\nimport { assign } from './utils/object';\nimport KeyCodes from
'./utils/key-codes';\nimport BvEvent from './utils/bv-event.class';\nimport warn from './utils/warn';\nimport {
isVisible, closest, selectAll, getAttr, eventOn, eventOff } from './utils/dom';\n\n// Return an Array of visible
items\nfunction filterVisible(els) {\n  return (els || []).filter(isVisible);\n}\n\n// Dropdown item CSS selectors\n//
TODO: .dropdown-form handling\nvar ITEM_SELECTOR = '.dropdown-item:not(.disabled):not([disabled]);'\n\n//
Popper attachment positions\nvar AttachmentMap = {\n  // DropUp Left Align\n  TOP: 'top-start',\n  // DropUp
Right Align\n  TOPEND: 'top-end',\n  // Dropdown left Align\n  BOTTOM: 'bottom-start',\n  // Dropdown Right
Align\n  BOTTOMEND: 'bottom-end'\n};\n\nexport default {\n  mixins: [clickoutMixin, listenOnRootMixin],\n  props: {\n    disabled: {\n      type: Boolean,\n      default: false\n    },\n    text: {\n      // Button label\n      type:
String,\n      default: "\n    },\n    dropup: {\n      // place on top if possible\n      type: Boolean,\n      default: false\n    },\n    right: {\n      // Right align menu (default is left align)\n      type: Boolean,\n      default: false\n    },\n    offset:
{\n      // Number of pixels to offset menu, or a CSS unit value (i.e. 1px, 1rem, etc)\n      type: [Number, String],\n      default: 0\n    },\n    noFlip: {\n      // Disable auto-flipping of menu from bottom<=>top\n      type: Boolean,\n      default: false\n    },\n    popperOpts: {\n      type: Object,\n      default: function _default() {\n    }\n  },\n    data:
function data() {\n      return {\n        visible: false,\n        inNavbar: null,\n        visibleChangePrevented: false\n      };\n    },\n    created: function created() {\n      // Create non-reactive property\n      this._popper = null;\n    },\n    mounted:
function mounted() {\n      // To keep one dropdown opened on page\n      this.listenOnRoot('bv::dropdown::shown',
this.rootCloseListener);\n      // Hide when clicked on links\n      this.listenOnRoot('clicked::link',
this.rootCloseListener);\n      // Use new namespaced events\n      this.listenOnRoot('bv::link::clicked',
this.rootCloseListener);\n    },\n\n    /* istanbul ignore next: not easy to test */\n    deactivated: function deactivated() {\n      // In case we are inside a <keep-alive>\n      this.visible = false;\n      this.setTouchStart(false);\n      this.removePopper();\n    },\n\n    /* istanbul ignore next: not easy to test */\n    beforeDestroy: function beforeDestroy() {\n      this.visible = false;\n      this.setTouchStart(false);\n      this.removePopper();\n    },\n\n    watch: {\n      visible:
function visible(newValue, oldValue) {\n        if (this.visibleChangePrevented) {\n          this.visibleChangePrevented
= false;\n          return;\n        }\n        if (newValue !== oldValue) {\n          var evtName = newValue ? 'show' : 'hide';\n          var bvEvt = new BvEvent(evtName, {\n            cancelable: true,\n            vueTarget: this,\n            target:
this.$refs.menu,\n            relatedTarget: null\n          });\n          this.emitEvent(bvEvt);\n          if (bvEvt.defaultPrevented) {\n            // Reset value and exit if canceled\n            this.visibleChangePrevented = true;\n            this.visible =
oldValue;\n            return;\n          }\n          if (evtName === 'show') {\n            this.showMenu();\n          } else {\n            this.hideMenu();\n          }\n        }\n      },\n      disabled: function disabled(newValue, oldValue) {\n        if (newValue !==
oldValue && newValue && this.visible) {\n          // Hide dropdown if disabled changes to true\n          this.visible =
false;\n        }\n      },\n      computed: {\n        toggler: function toggler() {\n          return this.$refs.toggle.$el ||

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this.$refs.toggle;\n  }\n },\n methods: {\n // Event emitter\n emitEvent: function emitEvent(bvEvt) {\n var
type = bvEvt.type;\n this.$emit(type, bvEvt);\n this.emitOnRoot('bv::dropdown::' + type, bvEvt);\n },\n
showMenu: function showMenu() {\n if (this.disabled) {\n return;\n }\n // Ensure other menus are
closed\n this.emitOnRoot('bv::dropdown::shown', this);\n\n // Are we in a navbar ?\n if (this.inNavbar ===
null && this.isNav) {\n this.inNavbar = Boolean(closest('.navbar', this.$el));\n }\n\n // Disable totally
Popper.js for Dropdown in Navbar\n /* istbul ignore next: can't test popper in JSDOM */\n if
(!this.inNavbar) {\n if (typeof Popper === 'undefined') {\n warn('b-dropdown: Popper.js not found. Falling
back to CSS positioning.);\n } else {\n // for dropup with alignment we use the parent element as popper
container\n var element = this.dropup && this.right || this.split ? this.$el : this.$refs.toggle;\n // Make
sure we have a reference to an element, not a component!\n element = element.$el || element;\n //
Instantiate popper.js\n this.createPopper(element);\n }\n }\n\n this.setTouchStart(true);\n
this.$emit('shown');\n\n // Focus on the first item on show\n this.$nextTick(this.focusFirstItem);\n },\n
hideMenu: function hideMenu() {\n this.setTouchStart(false);\n this.emitOnRoot('bv::dropdown::hidden',
this);\n this.$emit('hidden');\n this.removePopper();\n },\n createPopper: function createPopper(element)
{\n this.removePopper();\n this._popper = new Popper(element, this.$refs.menu, this.getPopperConfig());\n
},\n removePopper: function removePopper() {\n if (this._popper) {\n // Ensure popper event listeners are
removed cleanly\n this._popper.destroy();\n }\n this._popper = null;\n },\n getPopperConfig /*
istanbul ignore next: can't test popper in JSDOM */: function getPopperConfig() {\n var placement =
AttachmentMap.BOTTOM;\n if (this.dropup && this.right) {\n // dropup + right\n placement =
AttachmentMap.TOPEND;\n } else if (this.dropup) {\n // dropup + left\n placement =
AttachmentMap.TOP;\n } else if (this.right) {\n // dropdown + right\n placement =
AttachmentMap.BOTTOMEND;\n }\n var popperConfig = {\n placement: placement,\n modifiers:
{\n offset: {\n offset: this.offset || 0\n },\n flip: {\n enabled: !this.noFlip\n }\n
}\n },\n if (this.boundary) {\n popperConfig.modifiers.preventOverflow = {\n boundariesElement:
this.boundary\n },\n }\n return assign(popperConfig, this.popperOpts || {});\n },\n setTouchStart:
function setTouchStart(on) {\n var _this = this;\n\n /*\n * If this is a touch-enabled device we add extra\n
* empty mouseover listeners to the body's immediate children;\n * only needed because of broken event
delegation on iOS\n * https://www.quirksmode.org/blog/archives/2014/02/mouse_event_bub.html\n */\n
if ('ontouchstart' in document.documentElement) {\n var children = arrayFrom(document.body.children);\n
children.forEach(function (el) {\n if (on) {\n eventOn('mouseover', _this._noop);\n } else {\n
eventOff('mouseover', _this._noop);\n }\n });\n },\n\n /* istbul ignore next: not easy to test
*/\n _noop: function _noop() {\n // Do nothing event handler (used in touchstart event handler)\n },\n
rootCloseListener: function rootCloseListener(vm) {\n if (vm !== this) {\n this.visible = false;\n }\n },\n
clickOutListener: function clickOutListener() {\n this.visible = false;\n },\n show: function show() {\n //
Public method to show dropdown\n if (this.disabled) {\n return;\n }\n this.visible = true;\n },\n
hide: function hide() {\n // Public method to hide dropdown\n if (this.disabled) {\n return;\n }\n
this.visible = false;\n },\n toggle: function toggle(evt) {\n // Called only by a button that toggles the menu\n
evt = evt || {};\n var type = evt.type;\n var key = evt.keyCode;\n if (type !== 'click' && !(type ===
'keydown' && (key === KeyCodes.ENTER || key === KeyCodes.SPACE || key === KeyCodes.DOWN))) {\n
// We only toggle on Click, Enter, Space, and Arrow Down\n return;\n }\n if (this.disabled) {\n
this.visible = false;\n return;\n }\n this.$emit('toggle', evt);\n if (evt.defaultPrevented) {\n // Exit if
canceled\n return;\n }\n evt.preventDefault();\n evt.stopPropagation();\n // Toggle visibility\n
this.visible = !this.visible;\n },\n click: function click(evt) {\n // Calle only in split button mode, for the split
button\n if (this.disabled) {\n this.visible = false;\n return;\n }\n this.$emit('click', evt);\n },\n\n
/* istbul ignore next: not easy to test */\n onKeydown: function onKeydown(evt) {\n // Called from
dropdown menu context\n var key = evt.keyCode;\n if (key === KeyCodes.ESC) {\n // Close on ESC\n
this.onEsc(evt);\n } else if (key === KeyCodes.TAB) {\n // Close on tab out\n this.onTab(evt);\n }
else if (key === KeyCodes.DOWN) {\n // Down Arrow\n this.focusNext(evt, false);\n } else if (key ===

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KeyCodes.UP) {\n    // Up Arrow\n    this.focusNext(evt, true);\n    }\n  },\n\n  /* istanbul ignore next: not
easy to test */\n  onEsc: function onEsc(evt) {\n    if (this.visible) {\n      this.visible = false;\n      evt.preventDefault();\n      evt.stopPropagation();\n      // Return focus to original trigger button\n      this.$nextTick(this.focusToggle);\n    }\n  },\n\n  /* istanbul ignore next: not easy to test */\n  onTab: function
onTab(evt) {\n    if (this.visible) {\n      // TODO: Need special handler for dealing with form inputs\n      // Tab,
if in a text-like input, we should just focus next item in the dropdown\n      // Note: Inputs are in a special
.dropdown-form container\n      this.visible = false;\n    }\n  },\n  onFocusOut: function onFocusOut(evt) {\n
if (this.$refs.menu.contains(evt.relatedTarget)) {\n    return;\n  }\n  this.visible = false;\n  },\n\n  /*
istanbul ignore next: not easy to test */\n  onMouseOver: function onMouseOver(evt) {\n    // Focus the item on
hover\n    // TODO: Special handling for inputs? Inputs are in a special .dropdown-form container\n    var item =
evt.target;\n    if (item.classList.contains('dropdown-item') && !item.disabled &&
!item.classList.contains('disabled') && item.focus) {\n      item.focus();\n    }\n  },\n  focusNext: function
focusNext(evt, up) {\n    var _this2 = this;\n\n    if (!this.visible) {\n      return;\n    }\n    evt.preventDefault();\n    evt.stopPropagation();\n    this.$nextTick(function () {\n      var items =
_this2.getItems();\n      if (items.length < 1) {\n        return;\n      }\n      var index = items.indexOf(evt.target);\n      if (up && index > 0) {\n        index--;\n      } else if (!up && index < items.length - 1) {\n        index++;\n      }\n      if (index < 0) {\n        index = 0;\n      }\n      _this2.focusItem(index, items);\n    });\n  },\n  focusItem: function focusItem(idx, items) {\n    var el = items.find(function (el, i) {\n      return i === idx;\n    });\n    if (el && getAttr(el, 'tabindex') !== '-1') {\n      el.focus();\n    }\n  },\n  getItems: function getItems()\n  {\n    // Get all items\n    return filterVisible(selectAll(ITEM_SELECTOR, this.$refs.menu));\n  },\n  getFirstItem: function getFirstItem() {\n    // Get the first non-disabled item\n    var item = this.getItems()[0];\n    return item || null;\n  },\n  focusFirstItem: function focusFirstItem() {\n    var item = this.getFirstItem();\n    if
(item) {\n      this.focusItem(0, [item]);\n    }\n  },\n  focusToggle: function focusToggle() {\n    var toggler =
this.toggler;\n    if (toggler && toggler.focus) {\n      toggler.focus();\n    }\n  }\n};\n\nimport idMixin from
'../mixins/id';\nimport dropdownMixin from '../mixins/dropdown';\nexport default {\n  mixins: [idMixin,
dropdownMixin],\n  render: function render(h) {\n    var button = h('a', {\n      class: this.toggleClasses,\n      ref:
'toggle',\n      attrs: {\n        href: '#',\n        id: this.safeId('_BV_button_'),\n        disabled: this.disabled,\n        'aria-
haspopup': 'true',\n        'aria-expanded': this.visible ? 'true' : 'false'\n      },\n      on: {\n        click: this.toggle,\n
keydown: this.toggle // space, enter, down\n      }, [this.$slots["button-content"] || this.$slots.text || h('span', {\n
domProps: { innerHTML: this.text } })]);\n    var menu = h('div', {\n      class: this.menuClasses,\n      ref: 'menu',\n
attrs: { 'aria-labelledby': this.safeId('_BV_button_') },\n      on: {\n        mouseover: this.onMouseOver,\n
keydown: this.onKeydown // tab, up, down, esc\n      }, [this.$slots.default]);\n    return h('li', {\n      attrs: { id:
this.safeId() }, class: this.dropdownClasses }, [button, menu]);\n  },\n\n  computed: {\n    isNav: function isNav() {\n
// Signal to dropdown mixin that we are in a navbar\n    return true;\n  },\n    dropdownClasses: function
dropdownClasses() {\n    return ['nav-item', 'b-nav-dropdown', 'dropdown', this.dropdown ? 'dropdown' : '', this.visible ?
'show' : ''];\n  },\n    toggleClasses: function toggleClasses() {\n    return ['nav-link', this.noCaret ? '' : 'dropdown-
toggle', this.disabled ? 'disabled' : '', this.extraToggleClasses ? this.extraToggleClasses : ''];\n  },\n    menuClasses:
function menuClasses() {\n    return ['dropdown-menu', this.right ? 'dropdown-menu-right' : 'dropdown-menu-left',
this.visible ? 'show' : '', this.extraMenuClasses ? this.extraMenuClasses : ''];\n  },\n  },\n  props: {\n    noCaret: {\n
type: Boolean,\n    default: false\n  },\n    extraToggleClasses: {\n    // Extra Toggle classes\n    type: String,\n
default: ""\n  },\n    extraMenuClasses: {\n    // Extra Menu classes\n    type: String,\n    default: ""\n  },\n    role:
{\n    type: String,\n    default: 'menu'\n  }\n  };\n\n  var _typeof = typeof Symbol === "function" && typeof
Symbol.iterator === "symbol" ? function (obj) { return typeof obj; } : function (obj) { return obj && typeof
Symbol === "function" && obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj;
};\n\nvar _createClass = function () { function defineProperties(target, props) { for (var i = 0; i < props.length; i++)
{ var descriptor = props[i]; descriptor.enumerable = descriptor.enumerable || false; descriptor.configurable = true; if
(!"value" in descriptor) descriptor.writable = true; Object.defineProperty(target, descriptor.key, descriptor); } }
return function (Constructor, protoProps, staticProps) { if (protoProps) defineProperties(Constructor.prototype,

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protoProps); if (staticProps) defineProperties(Constructor, staticProps); return Constructor; }; });\n\nfunction
_classCallCheck(instance, Constructor) { if (!(instance instanceof Constructor)) { throw new TypeError("Cannot
call a class as a function"); } }\n\nimport Popper from 'popper.js';\nimport BvEvent from './bv-event.class';\nimport
{ assign } from './object';\nimport { from as arrayFrom } from './array';\nimport { closest, select, isVisible,
isDisabled, getCS, addClass, removeClass, hasClass, setAttr, removeAttr, getAttr, eventOn, eventOff } from
 './dom';\n\nvar NAME = 'tooltip';\nvar CLASS_PREFIX = 'bs-tooltip';\nvar BSCLS_PREFIX_REGEX = new
RegExp('\\\\b' + CLASS_PREFIX + '\\\\S+', 'g');\n\nvar TRANSITION_DURATION = 150;\n\n// Modal $root
hidden event\nvar MODAL_CLOSE_EVENT = 'bv::modal::hidden';\n\n// Modal container for appending
tip/popover\nvar MODAL_CLASS = 'modal-content';\n\nvar AttachmentMap = {\n  AUTO: 'auto',\n  TOP: 'top',\n
  RIGHT: 'right',\n  BOTTOM: 'bottom',\n  LEFT: 'left',\n  TOPLEFT: 'top',\n  TOPRIGHT: 'top',\n  RIGHTTOP:
  'right',\n  RIGHTBOTTOM: 'right',\n  BOTTOMLEFT: 'bottom',\n  BOTTOMRIGHT: 'bottom',\n  LEFTTOP:
  'left',\n  LEFTBOTTOM: 'left'\n};\n\nvar OffsetMap = {\n  AUTO: 0,\n  TOPLEFT: -1,\n  TOP: 0,\n  TOPRIGHT:
  +1,\n  RIGHTTOP: -1,\n  RIGHT: 0,\n  RIGHTBOTTOM: +1,\n  BOTTOMLEFT: -1,\n  BOTTOM: 0,\n
  BOTTOMRIGHT: +1,\n  LEFTTOP: -1,\n  LEFT: 0,\n  LEFTBOTTOM: +1\n};\n\nvar HoverState = {\n  SHOW:
  'show',\n  OUT: 'out'\n};\n\nvar ClassName = {\n  FADE: 'fade',\n  SHOW: 'show'\n};\n\nvar Selector = {\n
  TOOLTIP: '.tooltip',\n  TOOLTIP_INNER: '.tooltip-inner',\n  ARROW: '.arrow'\n\n  // ESLINT: Not used\n  // const
  Trigger = {\n    // HOVER: 'hover',\n    // FOCUS: 'focus',\n    // CLICK: 'click',\n    // BLUR: 'blur',\n    //
    MANUAL: 'manual'\n  }\n};\n\nvar Defaults = {\n  animation: true,\n  template: '<div class="tooltip"
  role="tooltip">' + '<div class="arrow"></div>' + '<div class="tooltip-inner"></div>' + '</div>',\n
  trigger: 'hover\n  focus',\n  title: '',\n  delay: 0,\n  html: false,\n  placement: 'top',\n  offset: 0,\n  arrowPadding: 6,\n
  container: false,\n  fallbackPlacement: 'flip',\n  callbacks: {},\n  boundary: 'scrollParent'\n\n  // Transition Event names\n};\n\nvar
  TransitionEndEvents = {\n    WebkitTransition: ['webkitTransitionEnd'],\n    MozTransition: ['transitionend'],\n
    OTransition: ['otransitionend', 'oTransitionEnd'],\n    transition: ['transitionend']\n\n  // Client Side Tip ID counter for
  aria-describedby attribute\n  // Could use Alex's uid generator util\n  // Each tooltip requires a unique client side
  ID\n};\n\nvar NEXTID = 1;\n\n// istanbul ignore next *\nfunction generateId(name) {\n  return '__BV_' + name + '_' +
  NEXTID++ + '__';\n}\n\n// *\n\n// ToolTip Class definition\n\n// istanbul ignore next: difficult to test in
  Jest/JSDOM environment *\n\nvar ToolTip = function () {\n  // Main constructor\n  function ToolTip(element,
  config, $root) {\n    _classCallCheck(this, ToolTip);\n\n    // New tooltip object\n    this.$isEnabled = true;\n
    this.$fadeTimeout = null;\n    this.$hoverTimeout = null;\n    this.$visibleInterval = null;\n    this.$hoverState = '';\n
    this.$activeTrigger = {};\n    this.$popper = null;\n    this.$element = element;\n    this.$tip = null;\n    this.$id =
    generateId(this.constructor.NAME);\n    this.$root = $root || null;\n    this.$routeWatcher = null;\n    // We use a
    bound version of the following handlers for root/modal listeners to maintain the 'this' context\n    this.$forceHide =
    this.forceHide.bind(this);\n    this.$doHide = this.doHide.bind(this);\n    this.$doShow = this.doShow.bind(this);\n
    this.$doDisable = this.doDisable.bind(this);\n    this.$doEnable = this.doEnable.bind(this);\n    // Set the
    configuration\n    this.updateConfig(config);\n  }\n\n  // NOTE: Overridden by PopOver class\n\n  _createClass(ToolTip, [{\n    key: 'updateConfig',\n\n    // Update config\n    value: function updateConfig(config)
    {\n      // Merge config into defaults. We use "this" here because PopOver overrides Default\n      var
      updatedConfig = assign({}, this.constructor.Default, config);\n\n      // Sanitize delay\n      if (config.delay &&
      typeof config.delay === 'number') {\n        updatedConfig.delay = {\n          show: config.delay,\n          hide:
          config.delay\n        };\n      }\n\n      // Title for tooltip and popover\n      if (config.title && typeof config.title ===
      'number') {\n        updatedConfig.title = config.title.toString();\n      }\n\n      // Content only for popover\n      if
      (config.content && typeof config.content === 'number') {\n        updatedConfig.content =
      config.content.toString();\n      }\n\n      // Hide element original title if needed\n      this.fixTitle();\n\n      // Update the
      config\n      this.$config = updatedConfig;\n\n      // Stop/Restart listening\n      this.unlisten();\n      this.listen();\n
    }\n\n    // Destroy this instance\n  }, {\n    key: 'destroy',\n    value: function destroy() {\n      // Stop listening to
      trigger events\n      this.unlisten();\n\n      // Disable while open listeners/watchers\n      this.setWhileOpenListeners(false);\n\n      // Clear any timeouts\n      clearTimeout(this.$hoverTimeout);\n
      this.$hoverTimeout = null;\n      clearTimeout(this.$fadeTimeout);\n      this.$fadeTimeout = null;\n\n      // Remove

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popper\n    if (this.$popper) {\n        this.$popper.destroy();\n    }\n    this.$popper = null;\n    // Remove tip
from document\n    if (this.$tip && this.$tip.parentElement) {\n
this.$tip.parentElement.removeChild(this.$tip);\n    }\n    this.$tip = null;\n    // Null out other properties\n
this.$id = null;\n    this.$isEnabled = null;\n    this.$root = null;\n    this.$element = null;\n    this.$config =
null;\n    this.$hoverState = null;\n    this.$activeTrigger = null;\n    this.$forceHide = null;\n    this.$doHide =
null;\n    this.$doShow = null;\n    this.$doDisable = null;\n    this.$doEnable = null;\n    }\n }, {\n key:
'enable',\n value: function enable() {\n    // Create a non-cancelable BvEvent\n    var enabledEvt = new
BvEvent('enabled', {\n        cancelable: false,\n        target: this.$element,\n        relatedTarget: null\n    });\n
this.$isEnabled = true;\n    this.emitEvent(enabledEvt);\n    }\n }, {\n key: 'disable',\n value: function disable()
{\n    // Create a non-cancelable BvEvent\n    var disabledEvt = new BvEvent('disabled', {\n        cancelable:
false,\n        target: this.$element,\n        relatedTarget: null\n    });\n    this.$isEnabled = false;\n
this.emitEvent(disabledEvt);\n    }\n\n // Click toggler\n\n }, {\n key: 'toggle',\n value: function toggle(event)
{\n    if (!this.$isEnabled) {\n        return;\n    }\n    if (event) {\n        this.$activeTrigger.click =
!this.$activeTrigger.click;\n    }\n    if (this.isWithActiveTrigger()) {\n        this.enter(null);\n    } else {\n
this.leave(null);\n    }\n    } else {\n        if (hasClass(this.getTipElement(), ClassName.SHOW)) {\n
this.leave(null);\n        } else {\n            this.enter(null);\n        }\n    }\n\n // Show tooltip\n\n }, {\n key:
'show',\n value: function show() {\n    var _this = this;\n    if (!document.body.contains(this.$element) ||
!isVisible(this.$element)) {\n        // If trigger element isn't in the DOM or is not visible\n        return;\n    }\n    //
Build tooltip element (also sets this.$tip)\n    var tip = this.getTipElement();\n    this.fixTitle();\n
this.setContent(tip);\n    if (!this.isWithContent(tip)) {\n        // if No content, don't bother showing\n        this.$tip =
null;\n        return;\n    }\n    // Set ID on tip and aria-describedby on element\n    setAttr(tip, 'id', this.$id);\n
this.addAriaDescribedby();\n    // Set animation on or off\n    if (this.$config.animation) {\n        addClass(tip,
ClassName.FADE);\n    } else {\n        removeClass(tip, ClassName.FADE);\n    }\n    var placement =
this.getPlacement();\n    var attachment = this.constructor.getAttachment(placement);\n
this.addAttachmentClass(attachment);\n\n    // Create a cancelable BvEvent\n    var showEvt = new
BvEvent('show', {\n        cancelable: true,\n        target: this.$element,\n        relatedTarget: tip\n    });\n
this.emitEvent(showEvt);\n    if (showEvt.defaultPrevented) {\n        // Don't show if event cancelled\n        this.$tip
= null;\n        return;\n    }\n\n    // Insert tooltip if needed\n    var container = this.getContainer();\n    if
(!document.body.contains(tip)) {\n        container.appendChild(tip);\n    }\n\n    // Refresh popper\n
this.removePopper();\n    this.$popper = new Popper(this.$element, tip, this.getPopperConfig(placement, tip));\n\n
// Transitionend Callback\n    var complete = function complete() {\n        if (_this.$config.animation) {\n
_this.fixTransition(tip);\n        }\n        var prevHoverState = _this.$hoverState;\n        _this.$hoverState = null;\n
if (prevHoverState === HoverState.OUT) {\n            _this.leave(null);\n        }\n        // Create a non-cancelable
BvEvent\n        var shownEvt = new BvEvent('shown', {\n            cancelable: false,\n            target: _this.$element,\n
relatedTarget: tip\n        });\n        _this.emitEvent(shownEvt);\n    }; \n\n    // Enable while open
listeners/watchers\n    this.setWhileOpenListeners(true);\n\n    // Show tip\n    addClass(tip,
ClassName.SHOW);\n\n    // Start the transition/animation\n    this.transitionOnce(tip, complete);\n    }\n\n //
handler for periodic visibility check\n\n }, {\n key: 'visibleCheck',\n value: function visibleCheck(on) {\n    var
_this2 = this;\n    clearInterval(this.$visibleInterval);\n    this.$visibleInterval = null;\n    if (on) {\n
this.$visibleInterval = setInterval(function () {\n        var tip = _this2.getTipElement();\n        if (tip &&
!isVisible(_this2.$element) && hasClass(tip, ClassName.SHOW)) {\n            // Element is no longer visible, so
force-hide the tooltip\n            _this2.forceHide();\n        }\n    }, 100);\n    }\n    }\n }, {\n key:
'setWhileOpenListeners',\n value: function setWhileOpenListeners(on) {\n    // Modal close events\n
this.setModalListener(on);\n    // Periodic $element visibility check\n    // For handling when tip is in <keepalive>,
tabs, carousel, etc\n    this.visibleCheck(on);\n    // Route change events\n    this.setRouteWatcher(on);\n    //
Ontouch start listeners\n    this.setOnTouchStartListener(on);\n    if (on &&
/(focus|blur)/.test(this.$config.trigger)) {\n        // If focus moves between trigger element and tip container, dont
close\n        eventOn(this.$tip, 'focusout', this);\n    } else {\n        eventOff(this.$tip, 'focusout', this);\n    }\n

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}\n\n // force hide of tip (internal method)\n\n }, {\n  key: 'forceHide',\n  value: function forceHide() {\n    if (!this.$tip || !hasClass(this.$tip, ClassName.SHOW)) {\n      return;\n    }\n    // Disable while open listeners/watchers\n    this.setWhileOpenListeners(false);\n    // Clear any hover enter/leave event\n    clearTimeout(this.$hoverTimeout);\n    this.$hoverTimeout = null;\n    this.$hoverState = '';\n    // Hide the tip\n    this.hide(null, true);\n  }\n\n // Hide tooltip\n\n }, {\n  key: 'hide',\n  value: function hide(callback, force) {\n    var _this3 = this;\n    var tip = this.$tip;\n    if (!tip) {\n      return;\n    }\n    // Create a cancelable BvEvent\n    var hideEvt = new BvEvent('hide', {\n      // We disable cancelling if force is true\n      cancelable: !force,\n      target: this.$element,\n      relatedTarget: tip\n    });\n    this.emitEvent(hideEvt);\n    if (hideEvt.defaultPrevented) {\n      // Don't hide if event cancelled\n      return;\n    }\n    // Transitionend Callback\n    /* istanbul ignore next */\n    var complete = function complete() {\n      if (_this3.$hoverState !== HoverState.SHOW && tip.parentNode) {\n        // Remove tip from dom, and force recompile on next show\n        tip.parentNode.removeChild(tip);\n        _this3.removeAriaDescribedby();\n        _this3.removePopper();\n        _this3.$tip = null;\n      }\n      if (callback) {\n        callback();\n      }\n      // Create a non-cancelable BvEvent\n      var hiddenEvt = new BvEvent('hidden', {\n        cancelable: false,\n        target: _this3.$element,\n        relatedTarget: null\n      });\n      _this3.emitEvent(hiddenEvt);\n    }; \n    // Disable while open listeners/watchers\n    this.setWhileOpenListeners(false);\n    // If forced close, disable animation\n    if (force) {\n      removeClass(tip, ClassName.FADE);\n    }\n    // Hide tip\n    removeClass(tip, ClassName.SHOW);\n    this.$activeTrigger.click = false;\n    this.$activeTrigger.focus = false;\n    this.$activeTrigger.hover = false;\n    // Start the hide transition\n    this.transitionOnce(tip, complete);\n    this.$hoverState = '';\n  }\n\n }, {\n  key: 'emitEvent',\n  value: function emitEvent(evt) {\n    var evtName = evt.type;\n    if (this.$root && this.$root.$emit) {\n      // Emit an event on $root\n      this.$root.$emit('bv::' + this.constructor.NAME + ':' + evtName, evt);\n    }\n    var callbacks = this.$config.callbacks || {};\n    if (typeof callbacks[evtName] === 'function') {\n      callbacks[evtName](evt);\n    }\n  }\n\n }, {\n  key: 'getContainer',\n  value: function getContainer() {\n    var container = this.$config.container;\n    var body = document.body;\n    // If we are in a modal, we append to the modal instead of body, unless a container is specified\n    return container === false ? closest(MODAL_CLASS, this.$element) || body : select(container, body) || body;\n  }\n\n // Will be overridden by popover if needed\n\n }, {\n  key: 'addAriaDescribedby',\n  value: function addAriaDescribedby() {\n    // Add aria-describedby on trigger element, without removing any other IDs\n    var desc = getAttr(this.$element, 'aria-describedby') || '';\n    desc = desc.split(/\\s+/).concat(this.$id).join(' ').trim();\n    setAttr(this.$element, 'aria-describedby', desc);\n  }\n\n // Will be overridden by popover if needed\n\n }, {\n  key: 'removeAriaDescribedby',\n  value: function removeAriaDescribedby() {\n    var _this4 = this;\n    var desc = getAttr(this.$element, 'aria-describedby') || '';\n    desc = desc.split(/\\s+/).filter(function (d) {\n      return d !== _this4.$id;\n    }).join(' ').trim();\n    if (desc) {\n      setAttr(this.$element, 'aria-describedby', desc);\n    } else {\n      removeAttr(this.$element, 'aria-describedby');\n    }\n  }\n\n }, {\n  key: 'removePopper',\n  value: function removePopper() {\n    if (this.$popper) {\n      this.$popper.destroy();\n    }\n    this.$popper = null;\n  }\n\n /* istanbul ignore next */\n\n }, {\n  key: 'transitionOnce',\n  value: function transitionOnce(tip, complete) {\n    var _this5 = this;\n    var transEvents = this.getTransitionEndEvents();\n    var called = false;\n    clearTimeout(this.$fadeTimeout);\n    this.$fadeTimeout = null;\n    var fnOnce = function fnOnce() {\n      if (called) {\n        return;\n      }\n      called = true;\n      clearTimeout(_this5.$fadeTimeout);\n      _this5.$fadeTimeout = null;\n      transEvents.forEach(function (evtName) {\n        eventOff(tip, evtName, fnOnce);\n      });\n      // Call complete callback\n      complete();\n    }; \n    if (hasClass(tip, ClassName.FADE)) {\n      transEvents.forEach(function (evtName) {\n        eventOn(tip, evtName, fnOnce);\n      });\n      // Fallback to setTimeout\n      this.$fadeTimeout = setTimeout(fnOnce, TRANSITION_DURATION);\n    } else {\n      fnOnce();\n    }\n  }\n\n // What transitionend event(s) to use? (returns array of event names)\n\n }, {\n  key: 'getTransitionEndEvents',\n  value: function getTransitionEndEvents() {\n    for (var name in TransitionEndEvents) {\n      if (this.$element.style[name] !== undefined) {\n        return TransitionEndEvents[name];\n      }\n    }\n    // fallback\n    return [];\n  }\n\n }, {\n  key: 'update',\n  value: function update() {\n    if (this.$popper !== null) {\n      this.$popper.scheduleUpdate();\n    }\n  }\n\n }

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    }\n }\n\n // NOTE: Overridden by PopOver class\n\n }, {\n key: 'isWithContent',\n value: function
isWithContent(tip) {\n tip = tip || this.$tip;\n if (!tip) {\n return false;\n }\n return
Boolean((select(Selector.TOOLTIP_INNER, tip) || {}).innerHTML);\n }\n\n // NOTE: Overridden by PopOver
class\n\n }, {\n key: 'addAttachmentClass',\n value: function addAttachmentClass(attachment) {\n
addClass(this.getTipElement(), CLASS_PREFIX + '-' + attachment);\n }\n }, {\n key: 'getTipElement',\n
value: function getTipElement() {\n if (!this.$tip) {\n // Try and compile user supplied template, or fallback
to default template\n this.$tip = this.compileTemplate(this.$config.template) ||
this.compileTemplate(this.constructor.Default.template);\n }\n // Add tab index so tip can be focused, and to
allow it to be set as relatedTarget in focusin/out events\n this.$tip.tabIndex = -1;\n return this.$tip;\n }\n },
{\n key: 'compileTemplate',\n value: function compileTemplate(html) {\n if (!html || typeof html !== 'string')
{\n return null;\n }\n var div = document.createElement('div');\n div.innerHTML = html.trim();\n
var node = div.firstChild ? div.removeChild(div.firstChild) : null;\n div = null;\n return
node;\n }\n\n // NOTE: Overridden by PopOver class\n\n }, {\n key: 'setContent',\n value: function
setContent(tip) {\n this.setElementContent(select(Selector.TOOLTIP_INNER, tip), this.getTitle());\n
removeClass(tip, ClassName.FADE);\n removeClass(tip, ClassName.SHOW);\n }\n }, {\n key:
'setElementContent',\n value: function setElementContent(container, content) {\n if (!container) {\n // If
container element doesn't exist, just return\n return;\n }\n var allowHtml = this.$config.html;\n if
((typeof content === 'undefined' ? 'undefined' : _typeof(content)) === 'object' && content.nodeType) {\n //
content is a DOM node\n if (allowHtml) {\n if (content.parentElement !== container) {\n
container.innerHTML = ";\n container.appendChild(content);\n }\n } else {\n
container.innerText = content.innerText;\n }\n } else {\n // We have a plain HTML string or Text\n
container[allowHtml ? 'innerHTML' : 'innerText'] = content;\n }\n }\n\n // NOTE: Overridden by PopOver
class\n\n }, {\n key: 'getTitle',\n value: function getTitle() {\n var title = this.$config.title || ";\n if (typeof
title === 'function') {\n // Call the function to get the title value\n title = title(this.$element);\n }\n if
((typeof title === 'undefined' ? 'undefined' : _typeof(title)) === 'object' && title.nodeType &&
!title.innerHTML.trim()) {\n // We have a DOM node, but without inner content, so just return empty string\n
title = ";\n }\n if (typeof title === 'string') {\n title = title.trim();\n }\n if (!title) {\n // If an
explicit title is not given, try element's title attributes\n title = getAttr(this.$element, 'title') ||
getAttr(this.$element, 'data-original-title') || ";\n title = title.trim();\n }\n\n return title;\n }\n }, {\n
key: 'listen',\n value: function listen() {\n var _this6 = this;\n var triggers =
this.$config.trigger.trim().split(/\\s+/);\n var el = this.$element;\n // Listen for global show/hide events\n
this.setRootElement(true);\n\n // Using 'this' as the handler will get automagically directed to this.handleEvent\n
// And maintain our binding to 'this'\n triggers.forEach(function (trigger) {\n if (trigger === 'click') {\n
eventOn(el, 'click', _this6);\n } else if (trigger === 'focus') {\n eventOn(el, 'focusin', _this6);\n
eventOn(el, 'focusout', _this6);\n } else if (trigger === 'blur') {\n // Used to close $tip when element looses
focus\n eventOn(el, 'focusout', _this6);\n } else if (trigger === 'hover') {\n eventOn(el, 'mouseenter',
_this6);\n eventOn(el, 'mouseleave', _this6);\n }\n }, this);\n }\n }, {\n key: 'unListen',\n value:
function unListen() {\n var _this7 = this;\n var events = ['click', 'focusin', 'focusout', 'mouseenter',
'mouseleave'];\n // Using \"this\" as the handler will get automagically directed to this.handleEvent\n
events.forEach(function (evt) {\n eventOff(_this7.$element, evt, _this7);\n }, this);\n\n // Stop listening
for global show/hide/enable/disable events\n this.setRootElement(false);\n }\n }, {\n key: 'handleEvent',\n
value: function handleEvent(e) {\n // This special method allows us to use \"this\" as the event handlers\n if
(isDisabled(this.$element)) {\n // If disabled, don't do anything. Note: if tip is shown before element gets\n
// disabled, then tip not close until no longer disabled or forcefully closed.\n return;\n }\n if
(!this.$isEnabled) {\n // If not enable\n return;\n }\n var type = e.type;\n var target = e.target;\n
var relatedTarget = e.relatedTarget;\n var $element = this.$element;\n var $tip = this.$tip;\n if (type ===
'click') {\n this.toggle(e);\n } else if (type === 'focusin' || type === 'mouseenter') {\n this.enter(e);\n }
else if (type === 'focusout') {\n // target is the element which is loosing focus\n // And relatedTarget is the

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element gaining focus\n    if ($tip && $element && $element.contains(target) && $tip.contains(relatedTarget))
{\n    // If focus moves from $element to $tip, don't trigger a leave\n    return;\n    }\n    if ($tip &&
$element && $tip.contains(target) && $element.contains(relatedTarget)) {\n    // If focus moves from $tip to
$element, don't trigger a leave\n    return;\n    }\n    if ($tip && $tip.contains(target) &&
$tip.contains(relatedTarget)) {\n    // If focus moves within $tip, don't trigger a leave\n    return;\n    }\n
if ($element && $element.contains(target) && $element.contains(relatedTarget)) {\n    // If focus moves within
$element, don't trigger a leave\n    return;\n    }\n    // Otherwise trigger a leave\n    this.leave(e);\n    }
else if (type === 'mouseleave') {\n    this.leave(e);\n    }\n    }\n\n    /* istanbul ignore next */\n    }, {\n    key:
'setRouteWatcher',\n    value: function setRouteWatcher(on) {\n    var _this8 = this;\n\n    if (on) {\n
this.setRouteWatcher(false);\n    if (this.$root && Boolean(this.$root.$route)) {\n    this.$routeWatcher =
this.$root.$watch('$route', function (newVal, oldVal) {\n    if (newVal === oldVal) {\n    return;\n
}\n    // If route has changed, we force hide the tooltip/popover\n    _this8.forceHide();\n    });\n
}\n    } else {\n    if (this.$routeWatcher) {\n    // cancel the route watcher by calling hte stored reference\n
this.$routeWatcher();\n    this.$routeWatcher = null;\n    }\n    }\n    }\n\n    /* istanbul ignore next */\n    },
{\n    key: 'setModalListener',\n    value: function setModalListener(on) {\n    var modal =
closest(MODAL_CLASS, this.$element);\n    if (!modal) {\n    // If we are not in a modal, don't worry. be
happy\n    return;\n    }\n    // We can listen for modal hidden events on $root\n    if (this.$root) {\n
this.$root[on ? '$on' : '$off'](MODAL_CLOSE_EVENT, this.$forceHide);\n    }\n    }\n\n    /* istanbul ignore next
*/\n    }, {\n    key: 'setRootListener',\n    value: function setRootListener(on) {\n    // Listen for global
'bv:::hide|show):::tooltip|popover' hide request event\n    if (this.$root) {\n    this.$root[on ? '$on' :
'$off']('bv:::hide:::' + this.constructor.NAME, this.$doHide);\n    this.$root[on ? '$on' : '$off']('bv:::show:::' +
this.constructor.NAME, this.$doShow);\n    this.$root[on ? '$on' : '$off']('bv:::disable:::' + this.constructor.NAME,
this.$doDisable);\n    this.$root[on ? '$on' : '$off']('bv:::enable:::' + this.constructor.NAME, this.$doEnable);\n
}\n    }\n    }, {\n    key: 'doHide',\n    value: function doHide(id) {\n    // Programmatically hide tooltip or popover\n
if (!id) {\n    // Close all tooltips or popovers\n    this.forceHide();\n    } else if (this.$element &&
this.$element.id && this.$element.id === id) {\n    // Close this specific tooltip or popover\n    this.hide();\n
}\n    }\n    }, {\n    key: 'doShow',\n    value: function doShow(id) {\n    // Programmatically show tooltip or
popover\n    if (!id) {\n    // Open all tooltips or popovers\n    this.show();\n    } else if (id && this.$element
&& this.$element.id && this.$element.id === id) {\n    // Show this specific tooltip or popover\n
this.show();\n    }\n    }\n    }, {\n    key: 'doDisable',\n    value: function doDisable(id) {\n    // Programmatically
disable tooltip or popover\n    if (!id) {\n    // Disable all tooltips or popovers\n    this.disable();\n    } else if
(this.$element && this.$element.id && this.$element.id === id) {\n    // Disable this specific tooltip or popover\n
this.disable();\n    }\n    }\n    }, {\n    key: 'doEnable',\n    value: function doEnable(id) {\n    //
Programmatically enable tooltip or popover\n    if (!id) {\n    // Enable all tooltips or popovers\n
this.enable();\n    } else if (this.$element && this.$element.id && this.$element.id === id) {\n    // Enable this
specific tooltip or popover\n    this.enable();\n    }\n    }\n    }\n\n    /* istanbul ignore next */\n    }, {\n    key:
'setOnTouchListener',\n    value: function setOnTouchListener(on) {\n    var _this9 = this;\n\n    // if this
is a touch-enabled device we add extra\n    // empty mouseover listeners to the body's immediate children;\n    //
only needed because of broken event delegation on iOS\n    //
https://www.quirksmode.org/blog/archives/2014/02/mouse\_event\_bub.html\n    if ('ontouchstart' in
document.documentElement) {\n    arrayFrom(document.body.children).forEach(function (el) {\n    if (on) {\n
eventOn(el, 'mouseover', _this9._noop);\n    } else {\n    eventOff(el, 'mouseover', _this9._noop);\n
}\n    });\n    }\n    }\n\n    /* istanbul ignore next */\n    }, {\n    key: '_noop',\n    value: function _noop() {\n
// Empty noop handler for ontouchstart devices\n    }\n    }, {\n    key: 'fixTitle',\n    value: function fixTitle() {\n
var el = this.$element;\n    var titleType = _typeof(getAttr(el, 'data-original-title'));\n    if (getAttr(el, 'title') ||
titleType !== 'string') {\n    setAttr(el, 'data-original-title', getAttr(el, 'title') || '');\n    setAttr(el, 'title', '');\n
}\n    }\n\n    // Enter handler\n    /* istanbul ignore next */\n    }, {\n    key: 'enter',\n    value: function enter(e) {\n
var _this10 = this;\n\n    if (e) {\n    this.$activeTrigger[e.type === 'focusin' ? 'focus' : 'hover'] = true;\n    }\n
}

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if (hasClass(this.getTipElement(), ClassName.SHOW) || this.$shoverState === HoverState.SHOW) {\n
this.$shoverState = HoverState.SHOW;\n    return;\n } \n    clearTimeout(this.$shoverTimeout);\n
this.$shoverState = HoverState.SHOW;\n    if (!this.$config.delay || !this.$config.delay.show) {\n        this.show();\n        return;\n    } \n    this.$shoverTimeout = setTimeout(function () {\n        if (_this10.$shoverState ===\n        HoverState.SHOW) {\n            _this10.show();\n        } \n    }, this.$config.delay.show);\n } \n \n // Leave\nhandler \n /* istanbul ignore next */ \n }, {\n    key: 'leave',\n    value: function leave(e) {\n        var _this11 =\n        this;\n        if (e) {\n            this.$activeTrigger[e.type === 'focusout' ? 'focus' : 'hover'] = false;\n            if (e.type ===\n            'focusout' && /blur/.test(this.$config.trigger)) {\n                // Special case for `blur`: we clear out the other triggers\n                this.$activeTrigger.click = false;\n                this.$activeTrigger.hover = false;\n            } \n        } \n        if\n        (this.isWithActiveTrigger()) {\n            return;\n        } \n        clearTimeout(this.$shoverTimeout);\n        this.$shoverState =\n        HoverState.OUT;\n        if (!this.$config.delay || !this.$config.delay.hide) {\n            this.hide();\n            return;\n        } \n        this.$shoverTimeout = setTimeout(function () {\n            if (_this11.$shoverState === HoverState.OUT) {\n                _this11.hide();\n            } \n        }, this.$config.delay.hide);\n    } \n }, {\n    key: 'getPopperConfig',\n    value: function\n    getPopperConfig(placement, tip) {\n        var _this12 = this;\n        return {\n            placement:\n            this.constructor.getAttachment(placement),\n            modifiers: {\n                offset: { offset: this.getOffset(placement, tip)\n            },\n                flip: { behavior: this.$config.fallbackPlacement },\n                arrow: { element: '.arrow' },\n                preventOverflow: { boundariesElement: this.$config.boundary } \n            },\n            onCreate: function onCreate(data)\n            {\n                // Handle flipping arrow classes\n                if (data.originalPlacement !== data.placement) {\n                    _this12.handlePopperPlacementChange(data);\n                } \n            },\n            onUpdate: function onUpdate(data) {\n                // Handle flipping arrow classes\n                _this12.handlePopperPlacementChange(data);\n            } \n        }; \n    } \n }, {\n    key: 'getOffset',\n    value: function getOffset(placement, tip) {\n        if (!this.$config.offset) {\n            var arrow =\n            select(Selector.ARROW, tip);\n            var arrowOffset = parseFloat(getCS(arrow).width) +\n            parseFloat(this.$config.arrowPadding);\n            switch (OffsetMap[placement.toUpperCase()]) {\n                case +1:\n                    return '+50%p - ' + arrowOffset + 'px';\n                case -1:\n                    return '-50%p + ' + arrowOffset + 'px';\n                default:\n                    return 0;\n            } \n        } \n        return this.$config.offset;\n    } \n }, {\n    key: 'getPlacement',\n    value: function getPlacement() {\n        var placement = this.$config.placement;\n        if (typeof placement ===\n        'function') {\n            return placement.call(this, this.$tip, this.$element);\n        } \n        return placement;\n    } \n }, {\n    key: 'isWithActiveTrigger',\n    value: function isWithActiveTrigger() {\n        for (var trigger in this.$activeTrigger)\n        {\n            if (this.$activeTrigger[trigger]) {\n                return true;\n            } \n        } \n        return false;\n    } \n } \n \n // NOTE:\n// Overridden by PopOver class\n\n }, {\n    key: 'cleanTipClass',\n    value: function cleanTipClass() {\n        var tip =\n        this.getTipElement();\n        var tabClass = tip.className.match(BSCLS_PREFIX_REGEX);\n        if (tabClass !==\n        null && tabClass.length > 0) {\n            tabClass.forEach(function (cls) {\n                removeClass(tip, cls);\n            });\n        } \n    } \n }, {\n    key: 'handlePopperPlacementChange',\n    value: function handlePopperPlacementChange(data)\n    {\n        this.cleanTipClass();\n        this.addAttachmentClass(this.constructor.getAttachment(data.placement));\n    } \n }, {\n    key: 'fixTransition',\n    value: function fixTransition(tip) {\n        var initConfigAnimation =\n        this.$config.animation || false;\n        if (getAttr(tip, 'x-placement') !== null) {\n            return;\n        } \n        removeClass(tip, ClassName.FADE);\n        this.$config.animation = false;\n        this.hide();\n        this.show();\n        this.$config.animation = initConfigAnimation;\n    } \n }], [\n    {\n        key: 'getAttachment',\n        value: function\n        getAttachment(placement) {\n            return AttachmentMap[placement.toUpperCase()];\n        } \n    },\n    {\n        key:\n        'Default',\n        get: function get() {\n            return Defaults;\n        } \n    } \n ] \n \n // NOTE: Overridden by PopOver class\n\n },\n    {\n        key: 'NAME',\n        get: function get() {\n            return NAME;\n        } \n    } \n ]);\n\nreturn ToolTip;\n\n};\n\nexport\n    default ToolTip;\n\n";\n\nvar _typeof = typeof Symbol === "function" && typeof Symbol.iterator === "symbol" ?\nfunction (obj) {\n    return typeof obj;\n} : function (obj) {\n    return obj && typeof Symbol === "function" &&\n    obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj;\n};\n\nvar _createClass =\nfunction () {\n    function defineProperties(target, props) {\n        for (var i = 0; i < props.length; i++) {\n            var descriptor =\n            props[i];\n            descriptor.enumerable = descriptor.enumerable || false;\n            descriptor.configurable = true;\n            if (!"value" in\n            descriptor)\n                descriptor.writable = true;\n            Object.defineProperty(target, descriptor.key, descriptor);\n        } \n    } \n    return function\n    (Constructor, protoProps, staticProps) {\n        if (protoProps)\n            defineProperties(Constructor.prototype, protoProps);\n        if

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(staticProps) defineProperties(Constructor, staticProps); return Constructor; }; });\n\nfunction
_classCallCheck(instance, Constructor) { if (!(instance instanceof Constructor)) { throw new TypeError("Cannot
call a class as a function"); } }\n\nfunction _possibleConstructorReturn(self, call) { if (!self) { throw new
ReferenceError("\nthis hasn't been initialised - super() hasn't been called"); } return call && (typeof call ===
\nobject" || typeof call === \nfunction") ? call : self; }\n\nfunction _inherits(subClass, superClass) { if (typeof
superClass !== \nfunction" && superClass !== null) { throw new TypeError("Super expression must either be null
or a function, not \n" + typeof superClass); } subClass.prototype = Object.create(superClass &&
superClass.prototype, { constructor: { value: subClass, enumerable: false, writable: true, configurable: true } });
if (superClass) Object.setPrototypeOf ? Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ =
superClass; }\n\nimport Tooltip from './tooltip.class';\nimport { assign } from './object';\nimport { select, addClass,
removeClass, getAttr } from './dom';\n\nvar NAME = 'popover';\nvar CLASS_PREFIX = 'bs-popover';\nvar
BSCLS_PREFIX_REGEX = new RegExp("\\b" + CLASS_PREFIX + "\\S+", 'g');\n\nvar Defaults = assign({},
Tooltip.Default, {\n  placement: 'right',\n  trigger: 'click',\n  content: "",\n  template: '<div class=\n"popover"\n
role=\n"tooltip">' + '<div class=\n"arrow"></div>' + '<h3 class=\n"popover-header"></h3>' + '<div class=\n"popover-
body"></div></div>\n');\n\nvar ClassName = {\n  FADE: 'fade',\n  SHOW: 'show'\n};\n\nvar Selector = {\n
TITLE: '.popover-header',\n  CONTENT: '.popover-body'\n\n /* istanbul ignore next: difficult to test in Jest/JSDOM
environment *\n};\n\nvar PopOver = function (_Tooltip) {\n  _inherits(PopOver, _Tooltip);\n\n  function PopOver()\n  {\n    _classCallCheck(this, PopOver);\n\n    return _possibleConstructorReturn(this, (PopOver.__proto__ ||
Object.getPrototypeOf(PopOver)).apply(this, arguments));\n  }\n\n  _createClass(PopOver, [{\n    key:
'isWithContent',\n\n    // Method overrides\n\n    value: function isWithContent(tip) {\n      tip = tip || this.$tip;\n
if (!tip) {\n      return false;\n    }\n    var hasTitle = Boolean((select(Selector.TITLE, tip) || {}).innerHTML);\n
var hasContent = Boolean((select(Selector.CONTENT, tip) || {}).innerHTML);\n    return hasTitle || hasContent;\n
  } ], {\n    key: 'addAttachmentClass',\n    value: function addAttachmentClass(attachment) {\n
addClass(this.getTipElement(), CLASS_PREFIX + '-' + attachment);\n  } }, {\n    key: 'setContent',\n    value:
function setContent(tip) {\n      // we use append for html objects to maintain js events/components\n      this.setElementContent(select(Selector.TITLE, tip), this.getTitle());\n
      this.setElementContent(select(Selector.CONTENT, tip), this.getContent());\n\n      removeClass(tip,
ClassName.FADE);\n      removeClass(tip, ClassName.SHOW);\n    } }\n\n    // This method may look identical to
Tooltip version, but it uses a different RegEx defined above\n\n  }, {\n    key: 'cleanTipClass',\n    value: function
cleanTipClass() {\n      var tip = this.getTipElement();\n      var tabClass =
tip.className.match(BSCLS_PREFIX_REGEX);\n      if (tabClass !== null && tabClass.length > 0) {\n
tabClass.forEach(function (cls) {\n        removeClass(tip, cls);\n      });\n    } }\n\n  }, {\n    key: 'getTitle',\n
value: function getTitle() {\n      var title = this.$config.title || "";\n      if (typeof title === 'function') {\n
title = title(this.$element);\n    }\n      if ((typeof title === 'undefined' ? 'undefined' : _typeof(title)) === 'object' &&
title.nodeType && !title.innerHTML.trim()) {\n      // We have a dom node, but without inner content, so just
return an empty string\n      title = "";\n    }\n      if (typeof title === 'string') {\n      title = title.trim();\n    }\n
if (!title) {\n      // Try and grab element's title attribute\n      title = getAttr(this.$element, 'title') ||
getAttr(this.$element, 'data-original-title') || "";\n      title = title.trim();\n    }\n      return title;\n    } }\n\n    // New
methods\n\n  }, {\n    key: 'getContent',\n    value: function getContent() {\n      var content = this.$config.content ||
"";\n      if (typeof content === 'function') {\n      content = content(this.$element);\n    }\n      if ((typeof content
=== 'undefined' ? 'undefined' : _typeof(content)) === 'object' && content.nodeType &&
!content.innerHTML.trim()) {\n      // We have a dom node, but without inner content, so just return an empty
string\n      content = "";\n    }\n      if (typeof content === 'string') {\n      content = content.trim();\n    }\n
return content;\n    } }\n  }, [{\n    key: 'Default',\n\n    // Getter overrides\n\n    get: function get() {\n      return
Defaults;\n    } }, {\n    key: 'NAME',\n    get: function get() {\n      return NAME;\n    } }]);\n\n  return
PopOver;\n})(Tooltip);\n\nexport default PopOver;"/\n\n// Polyfills for SSR\n\nvar isSSR = typeof window ===
'undefined';\n\nexport var HTMLElement = isSSR ? Object : window.HTMLElement;"/\n\nvar _typeof = typeof
Symbol === \nfunction" && typeof Symbol.iterator === \nsymbol" ? function (obj) { return typeof obj; } :

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function (obj) { return obj && typeof Symbol === "function" && obj.constructor === Symbol && obj !==
Symbol.prototype ? "symbol" : typeof obj; };
import { Tooltip/Popover component mixin } from './utils/array';
import { assign } from './utils/object';
import { isArray } from './utils/array';
import { isElement, getById } from './utils/dom';
import { HTMLElement } from './utils/ssr';
import observeDom from './utils/observe-dom';
const PLACEMENTS = {
  top: 'top',
  topleft: 'topleft',
  topright: 'topright',
  right: 'right',
  righttop: 'righttop',
  rightbottom: 'rightbottom',
  bottom: 'bottom',
  bottomleft: 'bottomleft',
  bottomright: 'bottomright',
  left: 'left',
  lefttop: 'lefttop',
  leftbottom: 'leftbottom',
  auto: 'auto'
};
const OBSERVER_CONFIG = {
  subtree: true,
  childList: true,
  characterData: true,
  attributes: true,
  attributeFilter: ['class', 'style']
};
export default {
  props: {
    target: { // String ID of element, or element/component reference
      type: [String, Object, HTMLElement, Function],
      delay: { // type: [Number, Object, String], default: 0
        type: [Number, String],
        default: 0
      },
      noFade: { // type: Boolean, default: false
        type: Boolean,
        default: false
      },
      container: { // String ID of container, if null body is used (default)
        type: String,
        default: null
      },
      boundary: { // String: scrollParent, window, or viewport // Element: element reference
        type: [String, Object],
        default: 'scrollParent'
      },
      show: { // type: Boolean, default: false
        type: Boolean,
        default: false
      },
      disabled: { // type: Boolean, default: false
        type: Boolean,
        default: false
      },
      watch: { // show: function show(_show, old) { if (_show === old) return; }
        show: function show(_show, old) { if (_show === old) return; }
        _show ? this.onOpen() : this.onClose();
      },
      disabled: function disabled(_disabled, old) { if (_disabled === old) return; }
        _disabled ? this.onDisable() : this.onEnable();
      },
      created: function created() { // Create non-reactive property
        this._tooltip = null;
        this._obs_title = null;
        this._obs_content = null;
      },
      mounted: function mounted() { // We do this in a next tick to ensure DOM has rendered first
        this.$nextTick(function () { // Instantiate ToolTip/PopOver on target // The createTooltip method must exist in main component
          if (_this.createTooltip()) { if (_this.disabled) { // Initially disabled
            _this.onDisable(); // Listen to open signals from others
            _this.$on('open', _this.onOpen); // Listen to close signals from others
            _this.$on('close', _this.onClose); // Listen to disable signals from others
            _this.$on('disable', _this.onDisable); // Listen to disable signals from others
            _this.$on('enable', _this.onEnable); // Observe content Child changes so we can notify popper of possible size change
            _this.setObservers(true); // Set intially open state
            if (_this.show) { _this.onOpen(); }
          }
        });
      },
      updated: function updated() { // If content/props changes, etc
        if (this._tooltip) { this._tooltip.updateConfig(this.getConfig()); }
      },
      /* istanbul ignore next: not easy to test */
      activated: function activated() { // Called when component is inside a <keep-alive> and component brought offline
        this.setObservers(true);
      },
      /* istanbul ignore next: not easy to test */
      deactivated: function deactivated() { // Called when component is inside a <keep-alive> and component taken offline
        if (this._tooltip) { this.setObservers(false); this._tooltip.hide(); }
      },
      /* istanbul ignore next: not easy to test */
      beforeDestroy: function beforeDestroy() { // Shutdown our local event listeners
        this.$off('open', this.onOpen);
        this.$off('close', this.onClose);
        this.$off('disable', this.onDisable);
        this.$off('enable', this.onEnable);
        this.setObservers(false); // bring our content back if needed
        this.bringItBack();
        if (this._tooltip) { this._tooltip.destroy(); this._tooltip = null; }
      },
      computed: {
        baseConfig: function baseConfig() {
          var cont = this.container;
          var delay = _typeof(this.delay) === 'object' ? this.delay : parseInt(this.delay, 10) || 0;
          return { // Title prop
            title: (this.title || "").trim() || "", // Contnt prop (if popover)
            content: (this.content || "").trim() || "", // Tooltip/Popover placement
            placement: PLACEMENTS[this.placement] || 'auto', // Container curently needs to be an ID with '#' prepended, if null then body is used
            container: cont ? /^#/.test(cont) ? cont : '#' + cont : false, // boundariesElement passed to popper
            boundary: this.boundary, // Show/Hide delay
            delay: delay || 0, // Offset can be css distance. if no units, pixels are assumed
            offset: this.offset || 0, // Disable fade Animation?
            animation: !this.noFade, // Open/Close Trigger(s)
            trigger: isArray(this.triggers) ? this.triggers.join(' ') : this.triggers, // Callbacks so we can trigger events on component
            callbacks: {
              show: this.onShow,
              shown: this.onShown,
              hide: this.onHide,
              hidden: this.onHidden,
              enabled: this.onEnabled,
              disabled: this.onDisabled
            }
          };
        }
      }
    }
  };

```

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},\n methods: {\n getConfig: function getConfig() {\n var cfg = assign({}, this.baseConfig);\n if
(this.$refs.title && this.$refs.title.innerHTML.trim()) {\n // If slot has content, it overrides 'title' prop\n //
We use the DOM node as content to allow components!\n cfg.title = this.$refs.title;\n cfg.html = true;\n
}\n if (this.$refs.content && this.$refs.content.innerHTML.trim()) {\n // If slot has content, it overrides
'content' prop\n // We use the DOM node as content to allow components!\n cfg.content =
this.$refs.content;\n cfg.html = true;\n }\n return cfg;\n },\n onOpen: function onOpen() {\n if
(this._toolpop) {\n this._toolpop.show();\n }\n },\n onClose: function onClose(callback) {\n if
(this._toolpop) {\n this._toolpop.hide(callback);\n } else if (typeof callback === 'function') {\n
callback();\n }\n },\n onDisable: function onDisable() {\n if (this._toolpop) {\n
this._toolpop.disable();\n }\n },\n onEnable: function onEnable() {\n if (this._toolpop) {\n
this._toolpop.enable();\n }\n },\n updatePosition: function updatePosition() {\n if (this._toolpop) {\n //
Instruct popper to reposition popover if necessary\n this._toolpop.update();\n }\n },\n getTarget: function
getTarget() {\n var target = this.target;\n if (typeof target === 'function') {\n target = target();\n }\n
if (typeof target === 'string') {\n // Assume ID of element\n return getId(target);\n } else if ((typeof
target === 'undefined' ? 'undefined' : _typeof(target)) === 'object' && isElement(target.$el)) {\n // Component
reference\n return target.$el;\n } else if ((typeof target === 'undefined' ? 'undefined' : _typeof(target)) ===
'object' && isElement(target)) {\n // Element reference\n return target;\n }\n return null;\n },\n
onShow: function onShow(evt) {\n this.$emit('show', evt);\n },\n onShown: function onShown(evt) {\n
this.setObservers(true);\n this.$emit('update:show', true);\n this.$emit('shown', evt);\n },\n onHide:
function onHide(evt) {\n this.$emit('hide', evt);\n },\n onHidden: function onHidden(evt) {\n
this.setObservers(false);\n // bring our content back if needed to keep Vue happy\n // Tooltip class will move
it back to tip when shown again\n this.bringItBack();\n this.$emit('update:show', false);\n
this.$emit('hidden', evt);\n },\n onEnabled: function onEnabled(evt) {\n if (!evt || evt.type !== 'enabled') {\n
// Prevent possible endless loop if user mistakenly fires enabled instead of enable\n return;\n }\n
this.$emit('update:disabled', false);\n this.$emit('disabled');\n },\n onDisabled: function onDisabled(evt) {\n
if (!evt || evt.type !== 'disabled') {\n // Prevent possible endless loop if user mistakenly fires disabled instead of
disable\n return;\n }\n this.$emit('update:disabled', true);\n this.$emit('enabled');\n },\n
bringItBack: function bringItBack() {\n // bring our content back if needed to keep Vue happy\n if (this.$el
&& this.$refs.title) {\n this.$el.appendChild(this.$refs.title);\n }\n if (this.$el && this.$refs.content) {\n
this.$el.appendChild(this.$refs.content);\n }\n },\n // istanbul ignore next: not easy to test *\n
setObservers: function setObservers(on) {\n if (on) {\n if (this.$refs.title) {\n this._obs_title =
observeDom(this.$refs.title, this.updatePosition.bind(this), OBSERVER_CONFIG);\n }\n if
(this.$refs.content) {\n this._obs_content = observeDom(this.$refs.content, this.updatePosition.bind(this),
OBSERVER_CONFIG);\n }\n } else {\n if (this._obs_title) {\n this._obs_title.disconnect();\n
this._obs_title = null;\n }\n if (this._obs_content) {\n this._obs_content.disconnect();\n
this._obs_content = null;\n }\n }\n }\n },"import PopOver from '../utils/popover.class';\nimport
warn from '../utils/warn';\nimport toolpopMixin from '../mixins/toolpop';\nexport default {\n mixins:
[toolpopMixin],\n render: function render(h) {\n return h('div', {\n class: ['d-none'],\n style: { display: 'none'
},\n attrs: { 'aria-hidden': true }\n }, [h('div', { ref: 'title' }, this.$slots.title), h('div', { ref: 'content' },
this.$slots.default)]);\n },\n data: function data() {\n return {};\n },\n\n props: {\n title: {\n type: String,\n
default: ""\n },\n content: {\n type: String,\n default: ""\n },\n triggers: {\n type: [String, Array],\n
default: 'click'\n },\n placement: {\n type: String,\n default: 'right'\n }\n },\n methods: {\n
createToolpop: function createToolpop() {\n // getTarget is in toolpop mixin\n var target = this.getTarget();\n
if (target) {\n this._toolpop = new PopOver(target, this.getConfig(), this.$root);\n } else {\n
this._toolpop = null;\n warn("b-popover: 'target' element not found!");\n }\n return this._toolpop;\n }\n
}];","<template>\n <div>\n <component :is="rootElement" id="imddb-header" data-turbolinks-permanent
class="navbar navbar-expand-lg navbar-light imddb-header" :offset="100" :z-index="1020" :on-
unpin="closeFollowUsPopover" :class="{ 'headroom--frozen': !collapseNavbar }" :style="{ position: position

```



```

})>\n    <!-- @slot Redefines brand -->\n    <slot name="brand">\n        <a :href="homeUrl" class="navbar-brand imddb-header__brand">\n            \n            {{ project }}\n        </a>\n    </slot>\n    <button class="navbar-toggler" type="button" aria-label="Toggle navigation" @click="toggleNavbar">\n        <span class="navbar-toggler-icon"></span>\n    </button>\n    <div class="navbar-collapse" :class="{ collapse: collapseNavbar }">\n        <!-- @slot Redefines the main navbar block (containing the dropdown) -->\n        <slot name="navbar">\n            <ul class="navbar-nav mr-auto">\n                <b-nav-dropdown @show="$root.$emit('bv::hide::popover')">\n                    <template slot="button-content">\n                        {{ title }}\n                    </template>\n                    <b-dropdown-item v-for="(item, $index) in dropdownItems" :key="$index" :href="item.href" v-bind="{ active: !!item.active }">\n                        {{ item.label }}\n                    </b-dropdown-item>\n                </b-nav-dropdown>\n            </ul>\n        </slot>\n        <ul class="navbar-nav">\n            <li class="nav-item">\n                <a href="https://www.icij.org/leak" target="_blank" class="nav-link">\n                    {{ $(imddb-header.navbar.leak) }}\n                </a>\n            </li>\n            <li class="nav-item mr-lg-3">\n                <a @click.prevent="$refs.donateFormModal.show()" href="#" class="nav-link">\n                    {{ $(imddb-header.navbar.support) }}\n                </a>\n            </li>\n            <li class="nav-item">\n                <button class="btn btn-saddle-red btn-block font-weight-bold" id="follow-icij">\n                    {{ $(imddb-header.navbar.follow) }}\n                </button>\n            <b-popover container="imddb-header" target="follow-icij" placement="bottomleft" :show.sync="showSignupPopover">\n                <follow-us-popover :show.sync="showSignupPopover"></follow-us-popover>\n            </b-popover>\n        </li>\n    </ul>\n</div>\n</component>\n<b-modal hide-footer lazy ref="donateFormModal" size="lg">\n    <span slot="modal-title" class="text-uppercase font-weight-bold text-primary">\n        {{ $(imddb-header.navbar.support) }}\n    </span>\n    <donate-form no-title></donate-form>\n</b-modal>\n</div>\n</template>\n</script>\nimport bDropdownItem from 'bootstrap-vue/es/components/dropdown/dropdown-item'\nimport bModal from 'bootstrap-vue/es/components/modal/modal'\nimport bNavDropdown from 'bootstrap-vue/es/components/nav/nav-item-dropdown'\nimport bPopover from 'bootstrap-vue/es/components/popover/popover'\nimport i18n from '@/i18n'\nimport { headroom } from 'vue-headroom'\nimport DonateForm from './DonateForm.vue'\nimport FollowUsPopover from './FollowUsPopover.vue'\nimport config from './config'\n/**\n * ImddbHeader\n */\nexport default {\n    i18n,\n    name: 'ImddbHeader',\n    components: {\n        bDropdownItem,\n        bModal,\n        bNavDropdown,\n        bPopover,\n        headroom,\n        DonateForm,\n        FollowUsPopover\n    },\n    props: {\n        /**\n         * CSS position of the header. Can be <em>absolute</em>, <em>relative</em>, <em>static</em> or <em>fixed</em> (default).\n         */\n        position: {\n            type: String,\n            default: 'fixed'\n        },\n        /**\n         * Disable Headroom for hiding header until needed.\n         */\n        noHeadroom: {\n            type: Boolean\n        },\n        /**\n         * Project name, to display next to ICIJ logo\n         */\n        project: {\n            type: String,\n            default: () => config.get('project.name')\n        },\n        /**\n         * App name, to display next to project name\n         */\n        title: {\n            type: String,\n            default: () => config.get('app.name')\n        },\n        /**\n         * An array of objects defining dropdown items. Each item defines a <em>label</em> and a <em>href</em>.\n         */\n        dropdownItems: {\n            type: Array,\n            default: () => config.get('imddb-header.dropdown.items')\n        },\n        /**\n         * Target link of the ICIJ logo and project name.\n         */\n        homeUrl: {\n            type: String,\n            default: () => config.get('app.home')\n        }\n    },\n    data () {\n        return {\n            showSignupPopover: false,\n            collapseNavbar: true\n        }\n    },\n    methods: {\n        closeFollowUsPopover () {\n            this.showSignupPopover = false\n        },\n        toggleNavbar () {\n            this.collapseNavbar = !this.collapseNavbar\n        },\n        this.$root.$emit('bv::hide::popover')\n        this.$root.$emit('bv::hide::dropdwon')\n    }\n},\n    computed: {\n        rootElement () {\n            return this.noHeadroom ? 'div' : 'headroom'\n        }\n    }\n}\n</script>\n</style>\nlang="scss">\n@import '../styles/lib';\n.imddb-header {\n    background: rgba($mercury, 0.8);\n    box-shadow: 0 0 6px 0 rgba(#000, .1);\n    position: relative;\n    top: 0;\n    width: 100%;\n    z-index: $zindex-sticky;\n}\n.popover {\n    width: 100%;\n}\n@include media-breakpoint-down(md) {\n    background: $mercury;\n}\n&.headroom {\n    will-change: transform;\n    transition: transform 200ms linear;\n}\n&--unpinned {\n    transform: translateY(-100%) !important;\n}\n&--pinned {\n    transform: translateY(0%);\n}\n
```

```
&--frozen {\n    transform: translateY(0%) !important;\n  }\n }\n\n &__brand {\n    position: relative;\n    font-weight: bolder;\n    padding-right: $spacer * 1.5;\n\n    &:after {\n      content: \"\";\n      background: $body-color;\n      width: 2px;\n      height: 32px;\n      position: absolute;\n      right: 0;\n      top: 50%;\n      transform: translateY(-50%);\n\n      @include media-breakpoint-down(md) {\n        display: none;\n      }\n    }\n  }\n\n .navbar-toggler {\n    background: $mercury;\n    position: absolute;\n    right: $spacer;\n    top: $spacer / 2;\n    margin: 0;\n  }\n\n .dropdown-item {\n    white-space: normal;\n    width: 440px;\n    max-width: 90vw;\n\n    @include media-breakpoint-down(sm) {\n      width: 100%;\n    }\n  }\n\n .dropdown .nav-link {\n    @include media-breakpoint-up(lg) {\n      font-size: 1.2rem;\n      font-family: $headings-font-family;\n    }\n  }\n}\n</style>\n","import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-options!/ImddbHeader.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-options!/ImddbHeader.vue?vue&type=script&lang=js&\";","import { render, staticRenderFns } from \"/ImddbHeader.vue?vue&type=template&id=36e6b928&\";import script from \"/ImddbHeader.vue?vue&type=script&lang=js&\";export * from \"/ImddbHeader.vue?vue&type=script&lang=js&\";import style0 from \"/ImddbHeader.vue?vue&type=style&index=0&lang=scss&\";import normalize component */import normalizer from \"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\";var component = normalizer(\n script,\n render,\n staticRenderFns,\n false,\n null,\n null,\n null\n )\n\ncomponent.options.__file = \"/ImddbHeader.vue\";export default component.exports","var render = function () {var _vm=this;var _h=_vm.$createElement;var _c=_vm._self._c||_h;return _c('div',{attrs:{\"id\":_vm.iframeId}})}\n\nstaticRenderFns = []\n\nexport { render, staticRenderFns }","<template>\n <div :id=\"iframeId\"></div>\n</template>\n</script>\n\n import { injectAssets } from '../utils/assets'\n\n var iframeUniqueIdCounter = 0;\n\n /**\n  * ResponsiveIframe\n  */\n export default {\n   name: 'ResponsiveIframe',\n   props: {\n     /**\n      * URL of the generated iframe code.\n      */\n     url: {\n       type: String,\n       required: true\n     },\n     /**\n      * Option to pass to the constructor of the pymParent instance\n      */\n     options: {\n       type: Object,\n       default: () => ({})\n     },\n     data () {\n       return {\n         iframeId: `icij-iframe-${++iframeUniqueIdCounter}`\n       }\n     },\n     mounted () {\n       injectAssets('https://pym.nprapps.org/pym.v1.min.js').then(() => {\n         new pym.Parent(this.iframeId, this.url, this.options)\n       })\n     }\n   }\n }\n</script>\n","import mod from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-options!/ResponsiveIframe.vue?vue&type=script&lang=js&\"; export default mod; export * from \"-!../node_modules/cache-loader/dist/cjs.js??ref--12-0!../node_modules/thread-loader/dist/cjs.js!../node_modules/babel-loader/lib/index.js!../node_modules/cache-loader/dist/cjs.js??ref--0!../node_modules/vue-loader/lib/index.js??vue-loader-options!/ResponsiveIframe.vue?vue&type=script&lang=js&\";","import { render, staticRenderFns } from \"/ResponsiveIframe.vue?vue&type=template&id=2b5efd28&\";import script from \"/ResponsiveIframe.vue?vue&type=script&lang=js&\";export * from \"/ResponsiveIframe.vue?vue&type=script&lang=js&\";import normalize component */import normalizer from \"!../node_modules/vue-loader/lib/runtime/componentNormalizer.js\";var component = normalizer(\n script,\n render,\n staticRenderFns,\n false,\n null,\n null,\n null\n )\n\ncomponent.options.__file = \"/ResponsiveIframe.vue\";export default component.exports","<script>\nconst noop = () => (null)\n\n /**\n  * SlideUpDown\n  */\n export default {\n   name: 'SlideUpDown',\n   props: {\n     /**\n      * Toggler property. Set to <em>>false</em> to hide the component.\n      */\n     active: {\n       type: Boolean,\n     },\n     /**\n      * Duration of
```

```

the animation.\n
  *\/\n
  duration: {\n
    type: Number,\n
    default: 200\n
  },\n
  /**\n
   * HTML tag to render
this component to.\n
  *\/\n
  tag: {\n
    type: String,\n
    default: 'div'\n
  }\n
},\n
data () {\n
  return {\n
    state: 'post',\n
    mounted: false,\n
    scrollHeight: 0\n
  }\n
},\n
watch: {\n
  active (togglер) {\n
    this.triggerSlide()\n
  }\n
},\n
render (h) {\n
  return h(this.tag, { style: this.style, ref: 'container' },
this.$slots.default)\n
},\n
mounted () {\n
  this.deferredNextTick(() => {\n
    this.mounted = true\n
    this.cleanLayout()\n
    this.$container.addEventListener("transitionend", this.cleanLayout)\n
  })\n
},\n
computed: {\n
  stylePreTransition () {\n
    return {\n
      'overflow': 'hidden',\n
      'transition-property': 'height',\n
      'transition-duration': `${this.duration}ms`,\n
      'height': this.mounted ? `${this.$container.scrollHeight}px` :
0,\n
    }\n
  },\n
  styleActiveTransition () {\n
    return {\n
      'overflow': 'hidden',\n
      'transition-property':
'height',\n
      'transition-duration': `${this.duration}ms`,\n
      'height': this.mounted ? `${this.activeHeight}px` :
'auto',\n
    }\n
  },\n
  stylePostTransition () {\n
    // Reset style when the element is active\n
    return this.active ?
{\n
      } : this.styleActiveTransition\n
  },\n
  style () {\n
    switch (this.state) {\n
      case 'pre': return
this.stylePreTransition\n
      case 'active': return this.styleActiveTransition\n
      default: return
this.stylePostTransition\n
    }\n
  },\n
  activeHeight () {\n
    return this.active ? this.$container.scrollHeight : 0\n
  },\n
  $container () {\n
    return this.$refs.container\n
  }\n
},\n
methods: {\n
  triggerSlide () {\n
    this.state =
'pre'\n
    this.scrollHeight = this.$container.scrollHeight\n
    // Deferred next tick to let the component render
once\n
    this.deferredNextTick(() => this.state = 'active')\n
  },\n
  cleanLayout (e = null) {\n
    // This method can
be triggered by animated child elements in\n
    // which case, we should do anything\n
    if(!e || e.target ==
this.$container) {\n
      this.state = 'post'\n
      this.deferredNextTick()\n
    }\n
  },\n
  deferredNextTick (fn =
noop) {\n
    setTimeout(() => this.$nextTick(fn), 0)\n
  },\n
}\n
}\n
</script>\n
", "import mod from "\n
!././node_modules/cache-loader/dist/cjs.js??ref--12-0!././node_modules/thread-
loader/dist/cjs.js!././node_modules/babel-loader/lib/index.js!././node_modules/cache-loader/dist/cjs.js??ref--0-
0!././node_modules/vue-loader/lib/index.js??vue-loader-
options!./SlideUpDown.vue?vue&type=script&lang=js&"; export default mod; export * from "\n
!././node_modules/cache-loader/dist/cjs.js??ref--12-0!././node_modules/thread-
loader/dist/cjs.js!././node_modules/babel-loader/lib/index.js!././node_modules/cache-loader/dist/cjs.js??ref--0-
0!././node_modules/vue-loader/lib/index.js??vue-loader-
options!./SlideUpDown.vue?vue&type=script&lang=js&";", "var render, staticRenderFns\nimport script from
\"./SlideUpDown.vue?vue&type=script&lang=js&\"\nexport * from
\"./SlideUpDown.vue?vue&type=script&lang=js&\"\n\n\n/* normalize component */\nimport normalizer from
\"!././node_modules/vue-loader/lib/runtime/componentNormalizer.js\"\nvar component = normalizer(\n script,\n render,\n staticRenderFns,\n false,\n null,\n null,\n null\n )\n\n\ncomponent.options.__file =
\"SlideUpDown.vue\"\nexport default component.exports", "import ContentPlaceholder from
'./ContentPlaceholder.vue'\nimport DonateForm from './DonateForm.vue'\nimport EmbeddableFooter from
'./EmbeddableFooter.vue'\nimport EmbedForm from './EmbedForm.vue'\nimport FollowUsPopover from
'./FollowUsPopover.vue'\nimport Fa from './Fa'\nimport GenericFooter from './GenericFooter.vue'\nimport
ImddbHeader from './ImddbHeader.vue'\nimport ResponsiveIframe from './ResponsiveIframe.vue'\nimport
SharingOptions from './SharingOptions.vue'\nimport SignUpForm from './SignUpForm.vue'\nimport SlideUpDown
from './SlideUpDown.vue'\nexport {\n ContentPlaceholder,\n DonateForm,\n EmbeddableFooter,\n
EmbedForm,\n FollowUsPopover,\n Fa,\n GenericFooter,\n ImddbHeader,\n ResponsiveIframe,\n
SharingOptions,\n SignUpForm,\n SlideUpDown,\n}\n", "import VueI18n from 'vue-i18n'\nimport { basename,
extname } from 'path'\nimport i18n from './i18n'\nexport { default as config } from './config'\nexport { default as
ContentPlaceholder } from './components/ContentPlaceholder.vue'\nexport { default as DonateForm } from
'./components/DonateForm.vue'\nexport { default as EmbeddableFooter } from
'./components/EmbeddableFooter.vue'\nexport { default as EmbedForm } from
'./components/EmbedForm.vue'\nexport { default as FollowUsPopover } from
'./components/FollowUsPopover.vue'\nexport { default as Fa } from './components/Fa'\nexport { default as
GenericFooter } from './components/GenericFooter.vue'\nexport { default as ImddbHeader } from

```

```

./components/ImddbHeader.vue\nexport { default as ResponsiveIframe } from
./components/ResponsiveIframe.vue\nexport { default as SharingOptions } from
./components/SharingOptions.vue\nexport { default as SignUpForm } from
./components/SignUpForm.vue\nexport { default as SlideUpDown } from
./components/SlideUpDown.vue\n\nimport * as components from './components'\n\nclass Murmur {\n static
setLocaleMessage(lang, message) {\n return this.i18n.setLocaleMessage(lang, message)\n }\n static
mergeLocaleMessage(lang, message) {\n return this.i18n.mergeLocaleMessage(lang, message)\n }\n static
setLocale(lang) {\n return this.i18n.locale = lang\n }\n static getLocale() {\n return this.i18n.locale\n }\n static
get i18n() {\n return i18n\n }\n static get config() {\n return require('./config.js').default\n }\n static get
components() {\n return components\n }\n static install (Vue, options) {\n
Object.keys(components).forEach(key => Vue.component(key, components[key]))\n }\n}\n\nexport default
Murmur\n", "import './setPublicPath'\n\nimport mod from '~entry'\n\nexport default mod\n\nexport * from '~entry'\n", "var
assocIndexOf = require('./_assocIndexOf');\n\n/**\n * Checks if a list cache value for `key` exists.\n *\n *
@private\n * @name has\n * @memberOf ListCache\n * @param {string} key The key of the entry to check.\n *
@returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n *\n*/\nfunction listCacheHas(key) {\n
return assocIndexOf(this.__data__, key) > -1;\n}\n\nmodule.exports = listCacheHas;\n", "module.exports =
'\x09\x0A\x0B\x0C\x0D\x20\xA0\u1680\u180E\u2000\u2001\u2002\u2003'+\n
'\u2004\u2005\u2006\u2007\u2008\u2009\u200A\u202F\u205F\u3000\u2028\u2029\uFEFF';\n", "var
baseGetTag = require('./_baseGetTag'),\n isObjectLike = require('./isObjectLike');\n\n/** `Object#toString` result
references. *\nvar symbolTag = '[object Symbol]';\n\n/**\n * Checks if `value` is classified as a `Symbol` primitive
or object.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is a symbol, else `false`.\n * @example\n *\n *
_.isSymbol(Symbol.iterator);\n * // => true\n *\n * _.isSymbol('abc');\n * // => false\n *\n*/\nfunction isSymbol(value)
{\n return typeof value == 'symbol' ||\n (isObjectLike(value) && baseGetTag(value) ==
symbolTag);\n}\n\nmodule.exports = isSymbol;\n"], "sourceRoot": ""}

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1062149670_1592570080.27/0/murmur-1-1-0-
tgz/package/dist/lib/@icij/murmur.common.js.map

```

## 1.59 python-setuptools 57.4.0

### 1.59.1 Available under license :

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## 1.60 clockwork 0.2.2

### 1.60.1 Available under license :

No license file was found, but licenses were detected in source scan.

Clockwork - a clock process to replace cron

=====

Cron is non-ideal for running scheduled application tasks, especially in an app deployed to multiple machines. [More details.]([http://adam.heroku.com/past/2010/4/13/rethinking\\_cron/](http://adam.heroku.com/past/2010/4/13/rethinking_cron/))

Clockwork is a cron replacement. It runs as a lightweight, long-running Ruby process which sits alongside your web processes (Mongrel/Thin) and your worker processes (DJ/Resque/Minion/Stalker) to schedule recurring work at particular times or dates. For example, refreshing feeds on an hourly basis, or send reminder emails on a nightly basis, or generating invoices once a month on the 1st.

Quickstart

-----

Create clock.rb:

```
require 'clockwork'
include Clockwork

handler do |job|
  puts "Running #{job}"
end

every(10.seconds, 'frequent.job')
every(3.minutes, 'less.frequent.job')
every(1.hour, 'hourly.job')

every(1.day, 'midnight.job', :at => '00:00')
```

Run it with the clockwork binary:

```
$ clockwork clock.rb
[2010-05-25 18:16:46 -0700] Starting clock for 4 events: [ frequent.job less.frequent.job hourly.job midnight.job ]
[2010-05-25 18:16:46 -0700] -> frequent.job
```

## Use with queueing

-----

The clock process only makes sense as a place to schedule work to be done, not to do the work. It avoids locking by running as a single process, but this makes it impossible to parallelize. For doing the work, you should be using a job queueing system, such as

[Delayed Job](<http://www.therailsway.com/2009/7/22/do-it-later-with-delayed-job>),  
[Beanstalk/Stalker]([http://adam.heroku.com/past/2010/4/24/beanstalk\\_a\\_simple\\_and\\_fast\\_queueing\\_backend/](http://adam.heroku.com/past/2010/4/24/beanstalk_a_simple_and_fast_queueing_backend/)),  
[RabbitMQ/Minion]([http://adamblog.heroku.com/past/2009/9/28/background\\_jobs\\_with\\_rabbitmq\\_and\\_minion/](http://adamblog.heroku.com/past/2009/9/28/background_jobs_with_rabbitmq_and_minion/)),

or

[Resque](<http://github.com/blog/542-introducing-resque>). This design allows a simple clock process with no locks, but also offers near infinite horizontal scalability.

For example, if you're using Beanstalk/Staker:

```
require 'stalker'

handler { |job| Stalker.enqueue(job) }

every(1.hour, 'feeds.refresh')
every(1.day, 'reminders.send', :at => '01:30')
```

Using a queueing system which doesn't require that your full application be loaded is preferable, because the clock process can keep a tiny memory footprint. If you're using DJ or Resque, however, you can go ahead and load your full application environment, and use per-event blocks to call DJ or Resque enqueue methods. For example, with DJ/Rails:

```
require 'config/boot'
require 'config/environment'

every(1.hour, 'feeds.refresh') { Feed.send_later(:refresh) }
every(1.day, 'reminders.send', :at => '01:30') { Reminder.send_later(:send_reminders) }
```

## Anatomy of a clock file

-----

clock.rb is standard Ruby. Since we include the Clockwork module (the clockwork binary does this automatically, or you can do it explicitly), this exposes a small DSL ("handler" and "every") to define the handler for events, and then the events themselves.

The handler typically looks like this:

```
handler { |job| enqueue_your_job(job) }
```

This block will be invoked every time an event is triggered, with the job name passed in. In most cases, you should be able to pass the job name directly through to your queueing system.

The second part of the file are the events, which roughly resembles a crontab:

```
every(5.minutes, 'thing.do')
every(1.hour, 'otherthing.do')
```

In the first line of this example, an event will be triggered once every five minutes, passing the job name 'thing.do' into the handler. The handler shown above would thus call `enqueue_your_job('thing.do')`.

You can also pass a custom block to the handler, for job queueing systems that rely on classes rather than job names (i.e. DJ and Resque). In this case, you need not define a general event handler, and instead provide one with each event:

```
every(5.minutes, 'thing.do') { Thing.send_later(:do) }
```

If you provide a custom handler for the block, the job name is used only for logging.

You can also use blocks to do more complex checks:

```
every(1.day, 'check.leap.year') do
  Stalker.enqueue('leap.year.party') if Time.now.year % 4 == 0
end
```

In production

-----

Only one clock process should ever be running across your whole application deployment. For example, if your app is running on three VPS machines (two app servers and one database), your app machines might have the following process topography:

- \* App server 1: 3 web (thin start), 3 workers (rake jobs:work), 1 clock (clockwork clock.rb)
- \* App server 2: 3 web (thin start), 3 workers (rake jobs:work)

You should use Monit, God, Upstart, or Inittab to keep your clock process running the same way you keep your web and workers running.

Meta

----

Created by Adam Wiggins

Inspired by [rufus-scheduler](<http://rufus.rubyforge.org/rufus-scheduler/>) and [<http://github.com/bvandenbos/resque-scheduler>](resque-scheduler)

Design assistance from Peter van Hardenberg and Matthew Soldo

Patches contributed by Mark McGranaghan

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<http://github.com/adamwiggins/clockwork>

Found in path(s):

\* /opt/cola/permits/1215783807\_1634571130.71/0/clockwork-0-2-2-2-gem/data-tar-gz/README.md

## 1.61 sentry-go 0.9.0

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procs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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## 1.67 cpp 10.3.0-1ubuntu1~20.04

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## 1.72 zlib 1.2.12-r1

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```
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   version 1.2.12, March 11th, 2022
```

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

```
/* zutil.c -- target dependent utility functions for the compression library
```

```
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# Please keep the list sorted.

Aamir Khan <syst3m.w0rm@gmail.com>
Aaron Beitch <aaronb@arista.com>
Aaron Bieber <deftly@gmail.com>
Aaron Cannon <cannona@fireantproductions.com>
Aaron France <aaron.l.france@gmail.com>
Aaron Jacobs <jacobsa@google.com>
Aaron Kemp <kemp.aaron@gmail.com>
Aaron Stein <aaronstein12@gmail.com>
Aaron Torres <tcboox@gmail.com>
Aaron Zinman <aaron@azinman.com>
Aarti Parikh <aarti.parikh@gmail.com>
Abdullah Al Maruf <mymail.maruf@gmail.com>
Abe Haskins <abeisgreat@abeisgreat.com>
Abhinav Gupta <abhinav.g90@gmail.com>
Adam Azarchs <adam.azarchs@10xgenomics.com>
Adam Bender <abender@google.com>
Adam Eijdenberg <adam@continusec.com>
Adam Harvey <aharvey@php.net>
Adam Kisala <adam.kisala@gmail.com>
Adam Langley <agl@golang.org>
Adam Medzinski <adam.medzinski@gmail.com>
Adam Shannon <adamkshannon@gmail.com>
Adam Shelton <aashelt90@gmail.com>
Adam Sindelar <adamsh@google.com>
Adam Thomason <athomason@gmail.com>
```

Adam Williams <pwnfactory@gmail.com>  
Adam Woodbeck <adam@woodbeck.net>  
Adarsh Ravichandran <adarshravichandran91@gmail.com>  
Aditya Harindar <aditya.harindar@gmail.com>  
Aditya Mukerjee <dev@chimeracoder.net>  
Adrian Hesketh <adrianhesketh@hushmail.com>  
Adrian Nos <nos.adrian@gmail.com>  
Adrian O'Grady <elpollouk@gmail.com>  
Adrien Bustany <adrien-xx-google@bustany.org>  
Adrien Petel <peteladrien@gmail.com>  
Acio Jnior <aeciodantasjunior@gmail.com>  
Aeneas Rekkas (arekkas) <aeneas@ory.am>  
Afanasev Stanislav <phpprogger@gmail.com>  
Agis Anastasopoulos <agis.anast@gmail.com>  
Agniva De Sarker <agnivade@yahoo.co.in>  
Ahmed Wahed <oneofone@gmail.com>  
Ahmet Alp Balkan <ahmetb@google.com>  
Ahmet Soormally <ahmet@mangomm.co.uk>  
Ahmy Yulrizka <yulrizka@gmail.com>  
Ahsun Ahmed <ahmed.ahsun@gmail.com>  
Aiden Scandella <ai@uber.com>  
Ainar Garipov <gugl.zadolbal@gmail.com>  
Aishraj Dahal <aishraj@users.noreply.github.com>  
Akhil Indurti <aindurti@gmail.com>  
Akihiro Suda <suda.kyoto@gmail.com>  
Akshat Kumar <seed@mail.nanosouffle.net>  
Al Cutter <al@google.com>  
Alan Braithwaite <alan@ipaddr.org>  
Alan Donovan <adonovan@google.com>  
Alan Shreve <alan@inconshreveable.com>  
Albert Nigmatzianov <albertnigma@gmail.com>  
Albert Strasheim <fullung@gmail.com>  
Albert Teoh <albert.teoh@gmail.com>  
Albert Yu <yukinying@gmail.com>  
Alberto Bertogli <albertito@blitiri.com.ar>  
Alberto Donizetti <alb.donizetti@gmail.com>  
Alberto Garca Hierro <alberto@garciahierro.com> <alberto.garcia.hierro@gmail.com>  
Alec Benzer <alec.benzer@gmail.com>  
Aleksa Sarai <cyphar@cyphar.com>  
Aleksandar Dezelin <dezelin@gmail.com>  
Aleksandr Lukinykh <a.lukinykh@xsolla.com>  
Aleksandr Razumov <ar@cydev.ru>  
Alekseev Artem <a.artem060@gmail.com>  
Alessandro Arzilli <alessandro.arzilli@gmail.com>  
Alessandro Baffa <alessandro.baffa@gmail.com>  
Alex A Skinner <alex@lx.lc>  
Alex Brainman <alex.brainman@gmail.com>  
Alex Bramley <abramley@google.com>

Alex Browne <stephenalexbrowne@gmail.com>  
Alex Buchanan <buchanae@gmail.com>  
Alex Carol <alex.carol.c@gmail.com>  
Alex Gaynor <alex@alloy.us>  
Alex Harford <alex.harford@saucelabs.com>  
Alex Jin <toalexjin@gmail.com>  
Alex Kohler <alexjohnkohler@gmail.com>  
Alex Myasoedov <msoedov@gmail.com>  
Alex Plugaru <alex@plugaru.org> <alexandru.plugaru@gmail.com>  
Alex Schroeder <alex@gnu.org>  
Alex Sergeev <abc@alexsergeev.com>  
Alex Tokarev <aleksator@gmail.com>  
Alex Vaghin <crhyme@google.com>  
Alex Zhirov <azhirov@google.com>  
Alexander Demakin <alexander.demakin@gmail.com>  
Alexander Dring <email@alex.d.ch>  
Alexander F Rdseth <alexander.rodseth@appeartv.com>  
Alexander Guz <kalimatas@gmail.com>  
Alexander Kauer <alexander@affine.space>  
Alexander Kucherenko <alxkchr@gmail.com>  
Alexander Larsson <alexander.larsson@gmail.com>  
Alexander Lourier <aml@rulezz.ru>  
Alexander Menzhinsky <amenzhinsky@gmail.com>  
Alexander Morozov <lk4d4math@gmail.com>  
Alexander Neumann <alexander@bumper.de>  
Alexander Orlov <alexander.orlov@loxal.net>  
Alexander Pantyukhin <apantykhin@gmail.com>  
Alexander Polcyn <apolcyn@google.com>  
Alexander Rakoczy <alex@golang.org>  
Alexander Reece <awreece@gmail.com>  
Alexander Surma <surma@surmair.de>  
Alexander Zhavnerchik <alex.vizor@gmail.com>  
Alexander Zillion <alex@alexzillion.com>  
Alexander Zolotov <goldifit@gmail.com>  
Alexandr Mayorskiy <a.mayorskiy@corp.mail.ru>  
Alexandre Cesaro <alexandre.cesaro@gmail.com>  
Alexandre Fiori <fiorix@gmail.com>  
Alexandre Maari <draeron@gmail.com>  
Alexandre Normand <alexandre.normand@gmail.com>  
Alexandre Parentea <aubonbeurre@gmail.com>  
Alexandre Viau <alexandre@alexandreviau.net>  
Alexandru Mooi <brtznr@gmail.com>  
Alexei Sholik <alcosholik@gmail.com>  
Alexey Alexandrov <aalexand@google.com>  
Alexey Borzenkov <snaury@gmail.com>  
Alexey Naidonov <alexey.naidyonov@gmail.com>  
Alexey Neganov <neganovalexey@gmail.com>  
Alexey Palazhchenko <alexey.palazhchenko@gmail.com>

Alexis Hildebrandt <surryhill@gmail.com>  
Alexis Hunt <lexer@google.com>  
Alexis Imperial-Legrand <ail@google.com>  
Ali Rizvi-Santiago <arizvisa@gmail.com>  
Aliaksandr Valialkin <valyala@gmail.com>  
Alif Rachmawadi <subosito@gmail.com>  
Allan Simon <allan.simon@supinfo.com>  
Allen Li <ayatane@google.com>  
Alok Menghrajani <alok.menghrajani@gmail.com>  
Aman Gupta <aman@tmm1.net>  
Amir Mohammad Saied <amir@gluegadget.com>  
Amr Mohammed <merodiro@gmail.com>  
Amrut Joshi <amrut.joshi@gmail.com>  
An Xiao <hac@zju.edu.cn>  
Anand K. Mistry <anand@mistry.ninja>  
Anders Pearson <anders@columbia.edu>  
Anderson Queiroz <contato@andersonq.eti.br>  
Andr Carvalho <asantostc@gmail.com>  
Andre Nathan <andrenth@gmail.com>  
Andrea Nodari <andrea.nodari91@gmail.com>  
Andrea Spadaccini <spadaccio@google.com>  
Andreas Auernhammer <aead@mail.de>  
Andreas Jellinghaus <andreas@ionisiert.de> <anj@google.com>  
Andreas Litt <andreas.litt@gmail.com>  
Andrei Enshin <b1os@bk.ru>  
Andrei Gherzan <andrei@resin.io>  
Andrei Korzhevskii <a.korzhevskiy@gmail.com>  
Andrei Matei <andrei@cockroachlabs.com>  
Andrei Tudor Clin <mail@acln.ro>  
Andrei Vagin <avagin@google.com>  
Andrei Vieru <euvieru@gmail.com>  
Andres Erbsen <andreser@google.com>  
Andres Lowrie <andres.lowrie@gmail.com>  
Andrew Austin <andrewacht@gmail.com>  
Andrew Balholm <andybalholm@gmail.com>  
Andrew Benton <andrewmbenton@gmail.com>  
Andrew Bonventre <andybons@chromium.org>  
Andrew Braunstein <awbraunstein@gmail.com>  
Andrew Bursavich <abursavich@gmail.com>  
Andrew Ekstedt <andrew.ekstedt@gmail.com>  
Andrew Etter <andrew.etter@gmail.com>  
Andrew Gerrand <adg@golang.org>  
Andrew Harding <andrew@spacemonkey.com>  
Andrew Jackura <ajackura@google.com>  
Andrew Lutomirski <andy@luto.us>  
Andrew Medvedev <andrew.y.medvedev@gmail.com>  
Andrew Pilloud <andrewpilloud@igneoussystems.com>  
Andrew Pogrebnoy <absourd.noise@gmail.com>

Andrew Poydence <apoydence@pivotal.io>  
Andrew Pritchard <awpritchard@gmail.com>  
Andrew Radev <andrey.radev@gmail.com>  
Andrew Skiba <skibaa@gmail.com>  
Andrew Stormont <astormont@racktopsystems.com>  
Andrew Stribblehill <ads@wompom.org>  
Andrew Szeto <andrew@jabagawee.com>  
Andrew Todd <andrew.todd@wework.com>  
Andrew Werner <andrew@upthere.com> <awerner32@gmail.com>  
Andrew Wilkins <axwalk@gmail.com>  
Andrew Williams <williams.andrew@gmail.com>  
Andrew Z Allen <me@andrewzallen.com>  
Andrey Mirtchovski <mirtchovski@gmail.com>  
Andrey Petrov <andrey.petrov@shazow.net>  
Andrii Soldatenko <andrii.soldatenko@gmail.com>  
Andrii Soluk <isoluchok@gmail.com>  
Andriy Lytvynov <lytvynov.a.v@gmail.com>  
Andrzej eel <andrii.zhezhel@gmail.com>  
Andy Balholm <andy@balholm.com>  
Andy Davis <andy@bigandian.com>  
Andy Finkenstadt <afinkenstadt@zynga.com>  
Andy Lindeman <andy@lindeman.io>  
Andy Maloney <asmaloney@gmail.com>  
Andy Walker <walkeraj@gmail.com>  
Andzej Maciusovic <andzej.maciusovic@gmail.com>  
Anfernee Yongkun Gui <anfernee.gui@gmail.com>  
Angelo Bulfone <mbulfone@gmail.com>  
Anh Hai Trinh <anh.hai.trinh@gmail.com>  
Anit Gandhi <anitgandhi@gmail.com>  
Ankit Goyal <ankit3goyal@gmail.com>  
Anmol Sethi <anmol@aubble.com>  
Anschel Schaffer-Cohen <anschelse@gmail.com>  
Anthony Alves <cvballa3g0@gmail.com>  
Anthony Canino <anthony.canino1@gmail.com>  
Anthony Eufemio <anthony.eufemio@gmail.com>  
Anthony Fok <foka@debian.org>  
Anthony Martin <ality@pbrane.org>  
Anthony Sottile <asottile@umich.edu>  
Anthony Starks <ajstarks@gmail.com>  
Anthony Voutas <voutasaurus@gmail.com>  
Anthony Woods <awoods@raintank.io>  
Antoine GIRARD <sapk@sapk.fr>  
Antoine Martin <antoine97.martin@gmail.com>  
Anton Gyllenberg <anton@iki.fi>  
Antonin Amand <antonin.amand@gmail.com>  
Antonio Antelo <aantelov87@gmail.com>  
Antonio Bibiano <antbbn@gmail.com>  
Antonio Huete Jimenez <tuxillo@quantummachine.net>

Antonio Murdaca <runcom@redhat.com>  
Antonio Troina <thoeni@gmail.com>  
Aofei Sheng <aofei@aofeisheng.com>  
Apisak Darakananda <pongad@gmail.com>  
Aram Hvrneanu <aram@mgk.ro>  
Arash Bina <arash@arash.io>  
Arda Gl <ardaguclu@gmail.com>  
Areski Belaid <areski@gmail.com>  
Ariel Mashraki <ariel@mashraki.co.il>  
Arkadi Pyuro <arkadi@google.com>  
Arlo Breault <arlolra@gmail.com>  
Arnaud Ysmal <arnaud.ysmal@gmail.com>  
Arne Hormann <arnehormann@gmail.com>  
Arnout Engelen <arnout@bzzt.net>  
Aron Nopanen <aron.nopanen@gmail.com>  
Artem Alekseev <artem.alekseev@intel.com>  
Artem Kolin <artemkaxboy@gmail.com>  
Arthur Fabre <arthur@arthurfabre.com>  
Arthur Khashaev <arthur@khashaev.ru>  
Artyom Pervukhin <artyom.pervukhin@gmail.com>  
Arvindh Rajesh Tamilmanni <art@a-30.net>  
Ashish Gandhi <ag@ashishgandhi.org>  
Asim Shankar <asimshankar@gmail.com>  
Atin Malaviya <amalaviy@akamai.com>  
Ato Araki <ato.araki@gmail.com>  
Audrey Lim <audreylh@gmail.com>  
Audrius Butkevicius <audrius.butkevicius@gmail.com>  
Augusto Roman <aroman@gmail.com>  
Aulus Egnatius Varialus <varialus@gmail.com>  
Aurlien Rainone <aurelien.rainone@gmail.com>  
Austin Clements <austin@google.com> <aclements@csail.mit.edu>  
Avi Flax <avi@timehop.com>  
awaw fumin <awawfumin@gmail.com>  
Awn Umar <awn@cryptolosophy.io>  
Axel Wagner <axel.wagner.hh@googlemail.com>  
Ayan George <ayan@ayan.net>  
Ayanamist Yang <ayanamist@gmail.com>  
Ayke van Laethem <aykevanlaethem@gmail.com>  
Aymerick Jhanne <aymerick@jehanne.org>  
Azat Kaumov <kaumov.a.r@gmail.com>  
Baiju Muthukadan <baiju.m.mail@gmail.com>  
Balaram Makam <bmakam.qdt@qualcommdatacenter.com>  
Balazs Lecz <leczb@google.com>  
Baokun Lee <nototon@gmail.com>  
Barnaby Keene <accounts@southcla.ws>  
Bartosz Grzybowski <melkorm@gmail.com>  
Bartosz Oler <brtsz@google.com>  
Bastian Ike <bastian.ike@gmail.com>



Ben Burkert <ben@benburkert.com>  
Ben Eitzen <eitzenb@golang.org>  
Ben Fried <ben.fried@gmail.com>  
Ben Haines <bhainesva@gmail.com>  
Ben Hoyt <benhoyt@gmail.com>  
Ben Laurie <ben@links.org> <benl@google.com>  
Ben Lubar <ben.lubar@gmail.com>  
Ben Lynn <benlynn@gmail.com>  
Ben Olive <sionide21@gmail.com>  
Ben Schwartz <bemasc@google.com>  
Ben Shi <powerman1st@163.com>  
Ben Toews <mastahyeti@gmail.com>  
Benjamin Black <b@b3k.us>  
Benjamin Cable <cable.benjamin@gmail.com>  
Benjamin Hsieh <tanookiben@users.noreply.github.com>  
Benjamin Peterson <benjamin@python.org>  
Benjamin Prosnitz <bprosnitz@google.com>  
Benjamin Wester <bwester@squareup.com>  
Benjamin Wuethrich <benjamin.wuethrich@gmail.com>  
Benny Siegert <bsiegert@gmail.com>  
Benoit Sigoure <tsunenet@gmail.com>  
Berengar Lehr <Berengar.Lehr@gmx.de>  
Berkant Ipek <41230766+0xbkt@users.noreply.github.com>  
Bharath Thiruveedula <tbharath91@gmail.com>  
Bill Neubauer <wcn@golang.org> <wcn@google.com> <bill.neubauer@gmail.com>  
Bill O'Farrell <billo@ca.ibm.com>  
Bill Prin <waprin@google.com>  
Bill Thiede <couchmoney@gmail.com>  
Bill Zissimopoulos <billziss@navimatics.com>  
Billie Harold Cleek <bhcleek@gmail.com>  
Billy Lynch <wlynch@google.com>  
Bjrn Erik Pedersen <bjorn.erik.pedersen@gmail.com>  
Bjorn Tillenius <bjorn@tillenius.me>  
Bjorn Tipling <bjorn.tipling@gmail.com>  
Blain Smith <rebelgeek@blainsmith.com>  
Blake Gentry <blakesgentry@gmail.com>  
Blake Mesdag <blakemesdag@gmail.com>  
Blake Mizerany <blake.mizerany@gmail.com>  
Blixt <me@blixt.nyc>  
Bob Briski <rbriski@gmail.com>  
Bob Potter <bobby.potter@gmail.com>  
Bobby DeSimone <bobbydesimone@gmail.com>  
Bobby Powers <bobbypowers@gmail.com>  
Boris Nagaev <nagaev@google.com>  
Borja Clemente <borja.clemente@gmail.com>  
Brad Burch <brad.burch@gmail.com>  
Brad Fitzpatrick <bradfitz@golang.org> <bradfitz@gmail.com>  
Brad Garcia <bgarcia@golang.org>

Brad Jones <rbjones@google.com>  
Brad Morgan <brad@morgabra.com>  
Brad Whitaker <bwhitaker@fastly.com>  
Braden Bassingthwaite <bbassingthwaite@vendasta.com>  
Bradford Lamson-Scribner <brad.lamson@gmail.com>  
Bradley Falzon <brad@teambrod.net>  
Brady Catherman <brady@gmail.com>  
Brady Sullivan <brady@bsull.com>  
Brandon Bennett <bbennett@fb.com>  
Brandon Gilmore <varz@google.com>  
Brandon Philips <brandon@ifup.org>  
Brandon Ryan <bjryan19@gmail.com>  
Brendan Daniel Tracey <tracey.brendan@gmail.com>  
Brendan O'Dea <bod@golang.org>  
Brett Cannon <bcannon@gmail.com>  
Brett Merrill <brett.j.merrill94@gmail.com>  
Brian Dellisanti <briandellisanti@gmail.com>  
Brian Downs <brian.downs@gmail.com>  
Brian Falk <falk@logicparty.org>  
Brian G. Merrell <bgmerrell@gmail.com>  
Brian Gitonga Marete <marete@toshnix.com> <bgmarete@gmail.com> <bgm@google.com>  
Brian Kennedy <btkenedy@gmail.com>  
Brian Kessler <brian.m.kessler@gmail.com>  
Brian Ketelsen <bketelsen@gmail.com>  
Brian Slesinsky <skybrian@google.com>  
Brian Smith <ohohvi@gmail.com>  
Brian Starke <brian.starke@gmail.com>  
Bryan Alexander <Kozical@msn.com>  
Bryan C. Mills <bcmills@google.com>  
Bryan Chan <bryan.chan@ca.ibm.com>  
Bryan Ford <brynosaurus@gmail.com>  
Bryan Heden <b.heden@gmail.com>  
Bulat Gaifullin <gaifullinbf@gmail.com>  
Burak Guven <bguven@gmail.com>  
Caine Tighe <arctanofyourface@gmail.com>  
Caio Marcelo de Oliveira Filho <caio.oliveira@intel.com>  
Caleb Martinez <accounts@calebmartinez.com>  
Caleb Spare <cespare@gmail.com>  
Carl Chatfield <carlchatfield@gmail.com>  
Carl Henrik Lunde <chlunde@ifi.uio.no>  
Carl Jackson <carl@stripe.com>  
Carl Johnson <me@carlmjohnson.net>  
Carl Mastrangelo <notcarl@google.com>  
Carl Shapiro <cshapiro@google.com> <cshapiro@golang.org>  
Carlisia Campos <carlisia@grokkingtech.io>  
Carlo Alberto Ferraris <cafxx@strayorange.com>  
Carlos Amedee <carlos@golang.org>  
Carlos Castillo <cookieo9@gmail.com>

Carlos Cirello <uldericofilho@gmail.com>  
Carlos Eduardo <me@carlopedp.com>  
Carlos Eduardo Seo <cseo@linux.vnet.ibm.com>  
Carlos Souza <carloshrsouza@gmail.com>  
Carolyn Van Slyck <me@carolynvanslyck.com>  
Carrie Bynon <cbynon@gmail.com>  
Cary Hull <chull@google.com>  
Case Nelson <case.nelson@gmail.com>  
Casey Callendrello <squeed@gmail.com>  
Casey Marshall <casey.marshall@gmail.com>  
Catalin Nicutar <cnicutar@google.com>  
Catalin Patulea <catalinp@google.com>  
Cedric Staub <cs@squareup.com>  
Cezar S Espinola <cezarsa@gmail.com>  
Chad Rosier <mrosier.qdt@qualcommdatacenter.com>  
ChaiShushan <chaishushan@gmail.com>  
Changkun Ou <hi@changkun.us>  
Channing Kimble-Brown <channing@golang.org>  
Charles Fenwick Elliott <Charles@FenwickElliott.io>  
Charles Kenney <charlesc.kenney@gmail.com>  
Charles L. Dorian <cldorian@gmail.com>  
Charles Lee <zombie.fml@gmail.com>  
Charles Weill <weill@google.com>  
Chauncy Cullitan <chauncyc@google.com>  
Chen Zhihan <energiehund@gmail.com>  
Cherry Zhang <cherryyz@google.com>  
Chew Choon Keat <choonkeat@gmail.com>  
Cholerae Hu <choleraehyq@gmail.com>  
Chotepud Teo <AlexRouSg@users.noreply.github.com>  
Chris Ball <chris@printf.net>  
Chris Biscardi <chris@christopherbiscardi.com>  
Chris Broadfoot <cbro@golang.org>  
Chris Dollin <ehog.hedge@gmail.com>  
Chris Farmiloe <chrisfarms@gmail.com>  
Chris Hines <chris.cs.guy@gmail.com>  
Chris Howey <howeyc@gmail.com>  
Chris Hundt <hundt@google.com>  
Chris Jones <chris@cjones.org> <chris.jones.yar@gmail.com>  
Chris Kastorff <encryptio@gmail.com>  
Chris Lennert <calennert@gmail.com>  
Chris Liles <caveryliles@gmail.com>  
Chris Manghane <cmang@golang.org>  
Chris Marchesi <chrism@vanclueverttech.com>  
Chris McGee <sirnewton\_01@yahoo.ca> <newton688@gmail.com>  
Chris Raynor <raynor@google.com>  
Chris Roche <rodaine@gmail.com>  
Chris Smith <chrsmith@users.noreply.github.com>  
Chris Stockton <chrisstocktonaz@gmail.com>

Chris Zou <chriszou@ca.ibm.com>  
Christian Alexander <christian@linux.com>  
Christian Couder <chriscool@tuxfamily.org>  
Christian Himpel <chressie@googlemail.com> <chressie@gmail.com>  
Christian Muehlhaeuser <muesli@gmail.com>  
Christian Pellegrin <chri@evolware.org>  
Christian R. Petrin <christianpetrin@gmail.com>  
Christine Hansmann <chhansmann@gmail.com>  
Christoffer Buchholz <christoffer.buchholz@gmail.com>  
Christoph Blecker <admin@toph.ca>  
Christoph Hack <christoph@tux21b.org>  
Christopher Cahoon <chris.cahoon@gmail.com>  
Christopher Guiney <chris@guiney.net>  
Christopher Henderson <chris@chenderson.org>  
Christopher Koch <chrisko@google.com>  
Christopher Loessl <cloessl+github@gmail.com>  
Christopher Nelson <nadiasvertex@gmail.com>  
Christopher Nielsen <m4dh4tt3r@gmail.com>  
Christopher Redden <christopher.redden@gmail.com>  
Christopher Swenson <cswenson@google.com>  
Christopher Wedgwood <cw@f00f.org>  
Christos Zoulas <christos@zoulas.com> <zoulasc@gmail.com>  
Christy Perez <christy@linux.vnet.ibm.com>  
CL Sung <clsung@gmail.com> <cl\_sung@htc.com>  
Clment Chigot <clement.chigot@atos.net>  
Clement Skau <clementska@gmail.com>  
Clint J. Edwards <clint.j.edwards@gmail.com>  
Cody Oss <the.cody.oss@gmail.com>  
Colby Ranger <cranger@google.com>  
Colin Arnott <colin@urandom.co.uk>  
Colin Cross <ccross@android.com>  
Colin Edwards <colin@recursivepenguin.com>  
Colin Kennedy <moshen.colin@gmail.com>  
Colin Nelson <colnnelson@google.com>  
Colin Rice <clr@google.com>  
Conrad Irwin <conrad.irwin@gmail.com>  
Conrad Meyer <cemeyer@cs.washington.edu>  
Conrado Gouvea <conradopl@gmail.com>  
Constantin Konstantinidis <constantinkonstantinidis@gmail.com>  
Corey Thomasson <cthom.lists@gmail.com>  
Cosmos Nicolaou <cnicolaou@google.com>  
Costin Chirvasuta <ctin@google.com>  
Craig Citro <craigcitro@google.com>  
Cristian Staretu <unclejacksons@gmail.com>  
Cuihtlauac ALVARADO <cuihtlauac.alvarado@orange.com>  
Cyrill Schumacher <cyrrill@schumacher.fm>  
Daisuke Fujita <dtanshi45@gmail.com>  
Daisuke Suzuki <daisuzu@gmail.com>

Daker Fernandes Pinheiro <daker.fernandes.pinheiro@intel.com>  
Damian Gryski <dgryski@gmail.com>  
Damien Lespiau <damien.lespiau@gmail.com> <damien.lespiau@intel.com>  
Damien Mathieu <42@dmathieu.com>  
Damien Neil <dneil@google.com>  
Damien Tournoud <damien@platform.sh>  
Dan Ballard <dan@mindstab.net>  
Dan Caddigan <goldcaddy77@gmail.com>  
Dan Callahan <dan.callahan@gmail.com>  
Dan Harrington <harringtond@google.com>  
Dan Jacques <dnj@google.com>  
Dan Johnson <computerdruid@google.com>  
Dan Peterson <dpiddy@gmail.com>  
Dan Pupius <dan@medium.com>  
Dan Scales <danscales@google.com>  
Dan Sinclair <dan.sinclair@gmail.com>  
Daniel Cormier <danielc@knowbe4.com>  
Danil de Kok <me@danieldk.eu>  
Daniel Fleischman <danielfleischman@gmail.com>  
Daniel Ingram <ingramds@appstate.edu>  
Daniel Johansson <dajo2002@gmail.com>  
Daniel Kerwin <d.kerwin@gini.net>  
Daniel Krech <eikeon@eikeon.com>  
Daniel Langner <s8572327@gmail.com>  
Daniel Lidn <daniel.liden.87@gmail.com>  
Daniel Lublin <daniel@lublin.se>  
Daniel Mart <mvdan@mvdan.cc>  
Daniel Morsing <daniel.morsing@gmail.com>  
Daniel Nadasi <dnadasi@google.com>  
Daniel Nephin <dnephin@gmail.com>  
Daniel Ortiz Pereira da Silva <daniel.particular@gmail.com>  
Daniel Skinner <daniel@dasa.cc>  
Daniel Speichert <daniel@speichert.pl>  
Daniel Theophanes <kardianos@gmail.com>  
Daniel Upton <daniel@floppy.co>  
Daniela Petruzalek <daniela.petruzalek@gmail.com>  
Danny Rosseau <daniel.rosseau@gmail.com>  
Daria Kolistratova <daria.kolistratova@intel.com>  
Darien Raymond <admin@v2ray.com>  
Darren Elwood <darren@textnode.com>  
Darren Grant <darren.e.grant@gmail.com>  
Darren McCleary <darren.rmc@gmail.com>  
Darshan Parajuli <parajulidarshan@gmail.com>  
Datong Sun <dndx@idndx.com>  
Dave Borowitz <dborowitz@google.com>  
Dave Bort <dbort@golang.org>  
Dave Cheney <dave@cheney.net>  
Dave Day <djd@golang.org>

Dave Grijalva <dgrijalva@ngmoco.com>  
Dave MacFarlane <driusan@gmail.com>  
Dave Russell <forfuncsake@gmail.com>  
David Anderson <danderson@google.com>  
David Barnett <dbarnett@google.com>  
David Benjamin <davidben@google.com>  
David Bond <davidsbond93@gmail.com>  
David Brophy <dave@brophy.uk>  
David Brgin <676c7473@gmail.com>  
David Calavera <david.calavera@gmail.com>  
David Carlier <devnexen@gmail.com>  
David Chase <drchase@google.com>  
David Covert <davidhcovert@gmail.com>  
David Crawshaw <david.crawshaw@zentus.com> <crawshaw@google.com> <crawshaw@golang.org>  
David du Colombier <0intro@gmail.com>  
David Finkel <david.finkel@gmail.com>  
David Forsythe <dforsythe@gmail.com>  
David G. Andersen <dave.andersen@gmail.com>  
David Glasser <glasser@meteor.com>  
David Heuschmann <heuschmann.d@gmail.com>  
David Howden <dhowden@gmail.com>  
David Hubbard <dsp@google.com>  
David Jakob Fritz <david.jakob.fritz@gmail.com>  
David Jones <dxjones@gmail.com>  
David Lazar <lazard@golang.org>  
David Leon Gil <coruus@gmail.com>  
David McLeish <davemc@google.com>  
David Ndungu <dnjuguna@gmail.com>  
David NewHamlet <david@newhamlet.com>  
David Presotto <presotto@gmail.com>  
David R. Jenni <david.r.jenni@gmail.com>  
David Sansome <me@davidsansome.com>  
David Stainton <dstainton415@gmail.com>  
David Symonds <dsymonds@golang.org>  
David Thomas <davidthomas426@gmail.com>  
David Timm <dtimm@pivotal.io>  
David Titarenco <david.titarenco@gmail.com>  
David Tolpin <david.tolpin@gmail.com>  
David Url <david@urld.io>  
David Volquartz Lebech <david@lebech.info>  
David Wimmer <davidlwimmer@gmail.com>  
Davies Liu <davies.liu@gmail.com>  
Davor Kapsa <davor.kapsa@gmail.com>  
Dean Prichard <dean.prichard@gmail.com>  
Deepak Jois <deepak.jois@gmail.com>  
Denis Bernard <db047h@gmail.com>  
Denis Brandolini <denis.brandolini@gmail.com>  
Denis Isaev <idenx@yandex.com>

Denis Nagorny <denis.nagorny@intel.com>  
Dennis Kuhnert <mail.kuhnert@gmail.com>  
Denys Honsiorovskyi <honsiorovskyi@gmail.com>  
Denys Smirnov <denis.smirnov.91@gmail.com>  
Derek Buitenhuis <derek.buitenhuis@gmail.com>  
Derek Che <drc@yahoo-inc.com>  
Derek McGowan <derek@mcgstyle.net>  
Derek Parker <parkerderek86@gmail.com>  
Derek Phan <derekphan94@gmail.com>  
Derek Shockey <derek.shockey@gmail.com>  
Dev Ojha <dojha12@gmail.com>  
Dev Zhoujun <dev.zhoujun@gmail.com>  
Devon H. O'Dell <devon.odell@gmail.com>  
Dhaivat Pandit <dhaivatpandit@gmail.com>  
Dhananjay Nakrani <dhananjayn@google.com>  
Dhiru Kholia <dhiru.kholia@gmail.com>  
Dhruvdudd Jadhav <dhrvdudd.jadhav@gmail.com>  
Di Xiao <dixiao@google.com>  
Didier Spezia <didier.06@gmail.com>  
Diego Siqueira <diego9889@gmail.com>  
Dieter Plaetinck <dieter@raintank.io>  
Dimitri Sokolyuk <sokolyuk@gmail.com>  
Dimitri Tcaciuc <dtcaciuc@gmail.com>  
Dina Garmash <dgrmsh@gmail.com>  
Diogo Pinela <diogoid7400@gmail.com>  
Dirk Gadsden <dirk@esherido.com>  
Diwaker Gupta <diwakergupta@gmail.com>  
Dmitri Goutnik <dgoutnik@gmail.com>  
Dmitri Popov <operator@cv.dp-net.com>  
Dmitri Shuralyov <dmitshur@golang.org> <dmitri@shuralyov.com>  
Dmitriy Cherchenko <dcherchenko@gmail.com>  
Dmitriy Dudkin <dudkin.dmitriy@gmail.com>  
Dmitriy Shelenin <deemok@googlemail.com> <deemok@gmail.com>  
Dmitriy Vyukov <dvyukov@google.com>  
Dmitry Chestnykh <dchest@gmail.com>  
Dmitry Doroginin <doroginin@gmail.com>  
Dmitry Mottl <dmitry.mottl@gmail.com>  
Dmitry Neverov <dmitry.neverov@gmail.com>  
Dmitry Savintsev <dsavints@gmail.com>  
Dmitry Yakunin <nonamezeil@gmail.com>  
Domas Tamauskas <puerdomus@gmail.com>  
Domen Ipavec <domen@ipavec.net>  
Dominic Green <dominicgreen1@gmail.com>  
Dominik Honnef <dominik.honnef@gmail.com>  
Dominik Vogt <vogt@linux.vnet.ibm.com>  
Don Byington <don@dbyington.com>  
Donald Huang <don.hcd@gmail.com>  
Dong-hee Na <donghee.na92@gmail.com>

Donovan Hide <donovanhide@gmail.com>  
Doug Anderson <douga@google.com>  
Doug Fawley <dfawley@google.com>  
Douglas Danger Manley <doug.manley@gmail.com>  
Drew Flower <drewvanstone@gmail.com>  
Drew Hintz <adhintz@google.com>  
Duco van Amstel <duco.vanamstel@gmail.com>  
Duncan Holm <mail@frou.org>  
Dustin Carlino <dcarlino@google.com>  
Dustin Herbison <djherbis@gmail.com>  
Dustin Long <dustmop@gmail.com>  
Dustin Sallings <dsallings@gmail.com>  
Dustin Shields-Cloues <dcloues@gmail.com>  
Dvir Volk <dvir@everything.me> <dvirsky@gmail.com>  
Dylan Waits <dylan@waits.io>  
Edan Bedrik <3d4nb3@gmail.com>  
Eddie Scholtz <escholtz@google.com>  
Eden Li <eden.li@gmail.com>  
Eduard Urbach <e.urbach@gmail.com>  
Eduardo Ramalho <eduardo.ramalho@gmail.com>  
Eduardo Villaseor <evillasrmx@gmail.com>  
Edward Muller <edwardam@interlix.com>  
Egon Elbre <egonelbre@gmail.com>  
Ehren Kret <ehren.kret@gmail.com>  
Eitan Adler <lists@eitanadler.com>  
Eivind Uggedal <eivind@uggedal.com>  
Elbert Fliek <efliek@gmail.com>  
Eldar Rakhimberdin <ibeono@gmail.com>  
Elena Grahovac <elena@grahovac.me>  
Eli Bendersky <eliben@google.com>  
Elias Naur <mail@eliasnaur.com> <elias.naur@gmail.com>  
Elliot Morrison-Reed <elliottmr@gmail.com>  
Emerson Lin <linyintor@gmail.com>  
Emil Hessman <emil@hessman.se>  
Emil Mursalimov <mursalimovemeel@gmail.com>  
Emilien Kenler <hello@emilienkenler.com>  
Emmanuel Odeke <emm.odeke@gmail.com> <odeke@ualberta.ca>  
Eno Compton <enocom@google.com>  
Eoghan Sherry <ejsherry@gmail.com>  
Eric Biggers <ebiggers@google.com>  
Eric Brown <browne@vmware.com>  
Eric Chiang <eric.chiang.m@gmail.com>  
Eric Clark <zerohp@gmail.com>  
Eric Daniels <eric@erdaniels.com>  
Eric Engestrom <eric@engestrom.ch>  
Eric Garrido <ekg@google.com>  
Eric Koleda <ekoleda+devrel@google.com>  
Eric Lagergren <ericscottlagergren@gmail.com>



Eric Milliken <emilliken@gmail.com>  
Eric Pauley <eric@pauley.me>  
Eric Ponce <tricokun@gmail.com>  
Eric Rescorla <ekr@rtfm.com>  
Eric Roshan-Eisner <eric.d.eisner@gmail.com>  
Eric Rutherford <erutherford@gmail.com>  
Eric Rykwalder <e.rykwalder@gmail.com>  
Erik Aigner <aigner.erik@gmail.com>  
Erik Dubbelboer <erik@dubbelboer.com>  
Erik St. Martin <alakriti@gmail.com>  
Erik Staab <estaab@google.com>  
Erik Westrup <erik.westrup@gmail.com>  
Erin Masatsugu <erin.masatsugu@gmail.com>  
Ernest Chiang <ernest\_chiang@htc.com>  
Erwin Oegema <blablaechthema@hotmail.com>  
Esko Luontola <esko.luontola@gmail.com>  
Ethan Burns <eaburns@google.com>  
Ethan Miller <eamiller@us.ibm.com>  
Euan Kemp <euank@euank.com>  
Eugene Kalinin <e.v.kalinin@gmail.com>  
Evan Broder <evan@stripe.com>  
Evan Brown <evanbrown@google.com>  
Evan Digby <evandigby@gmail.com>  
Evan Hicks <evan.hicks2@gmail.com>  
Evan Jones <ej@evanjones.ca>  
Evan Klitzke <evan@eklitzke.org>  
Evan Kroske <evankroske@google.com>  
Evan Martin <evan.martin@gmail.com>  
Evan Phoenix <evan@phx.io>  
Evan Shaw <chickencha@gmail.com>  
Evgeniy Polyakov <zbr@ioremap.net>  
Ewan Chou <coocood@gmail.com>  
Ewan Valentine <ewan.valentine89@gmail.com>  
Eyal Posener <posener@gmail.com>  
Fabian Wickborn <fabian@wickborn.net>  
Fabian Zaremba <fabian@youreemail.eu>  
Fabrizio Milo <mistobaan@gmail.com>  
Faiyaz Ahmed <ahmedf@vmware.com>  
Fan Hongjian <fan.howard@gmail.com>  
Fangming Fang <fangming.fang@arm.com>  
Fannie Zhang <fannie.zhang@arm.com>  
Fatih Arslan <fatih@arslan.io>  
Fazal Majid <majid@apsalar.com>  
Fazlul Shahriar <fshahriar@gmail.com>  
Federico Bond <federicobond@gmail.com>  
Federico Simoncelli <fsimonce@redhat.com>  
Fedor Indutny <fedor@indutny.com>  
Fedor Korotkiy <dartslon@gmail.com>

Felipe Oliveira <felipeweb.programador@gmail.com>  
Felix Bnemann <Felix.Buenemann@gmail.com>  
Felix Geisendrfer <haimuiba@gmail.com>  
Felix Kollmann <fk@konsorten.de>  
Filip Gruszczyski <gruszczzy@gmail.com>  
Filip Haglund <drathier@users.noreply.github.com>  
Filip Stanis <fstanis@google.com>  
Filippo Valsorda <filippo@golang.org> <filippo@cloudflare.com> <hi@filippo.io>  
Firmansyah Adiputra <frm.adiputra@gmail.com>  
Florian Forster <octo@google.com>  
Florian Uekermann <florian@uekermann-online.de> <f1@uekermann-online.de>  
Florian Weimer <fw@deneb.enyo.de>  
Florin Patan <florinpatan@gmail.com>  
Folke Behrens <folke@google.com>  
Ford Hurley <ford.hurley@gmail.com>  
Francesc Campoy <campoy@golang.org>  
Francesco Renzi <rentziass@gmail.com>  
Francisco Claude <fclaude@recoded.cl>  
Francisco Rojas <francisco.rojas.gallegos@gmail.com>  
Francisco Souza <franciscossouza@gmail.com>  
Frank Schroeder <frank.schroeder@gmail.com>  
Frank Somers <fsomers@arista.com>  
Frederic Guillot <frederic.guillot@gmail.com>  
Frederick Kelly Mayle III <frederickmayle@gmail.com>  
Frederik Ring <frederik.ring@gmail.com>  
Frederik Zipp <fzipp@gmx.de>  
Fredrik Enestad <fredrik.enestad@soundtrackyourbrand.com>  
Fredrik Forsmo <fredrik.forsmo@gmail.com>  
Fredrik Wallgren <fredrik.wallgren@gmail.com>  
Frew Schmidt <github@frew.co>  
Frithjof Schulze <schulze@math.uni-hannover.de> <sfritjhjof@gmail.com>  
Frits van Bommel <fvbommel@gmail.com>  
Fujimoto Kyosuke <kyoro.f@gmail.com>  
Fumitoshi Ukai <ukai@google.com>  
G. Hussain Chinoy <ghchinoy@gmail.com>  
Gaal Yahas <gaal@google.com>  
Gabrel Arthr Ptursson <gabriel@system.is>  
Gabriel Aszalos <gabriel.aszalos@gmail.com>  
Gabriel Guzman <gabe.guzman@gmail.com>  
Gabriel Nelle <tehsphinx@web.de>  
Gabriel Nicolas Avellaneda <avellaneda.gabriel@gmail.com>  
Gabriel Rosenhouse <rosenhouse@gmail.com>  
Gabriel Russell <gabriel.russell@gmail.com>  
Gareth Paul Jones <gpj@foursquare.com>  
Garret Kelly <gdk@google.com>  
Garrick Evans <garrick@google.com>  
Gary Burd <gary@beagledreams.com> <gary.burd@gmail.com>  
Gary Elliott <garyelliott@google.com>

Gaurish Sharma <contact@aurishsharma.com>  
Gautham Thambidorai <gautham.dorai@gmail.com>  
Gauthier Jolly <gauthier.jolly@gmail.com>  
Geert-Johan Riemer <gjr19912@gmail.com>  
Genevieve Luyt <genevieve.luyt@gmail.com>  
Gengliang Wang <ltnwgl@gmail.com>  
Geoff Berry <gberry.qdt@qualcommdatacenter.com>  
Geoffroy Lorieux <lorieux.g@gmail.com>  
Geon Kim <geon0250@gmail.com>  
Georg Reinke <guelfey@gmail.com>  
George Gkirtsou <ggirtsou@gmail.com>  
George Hartzell <hartzell@alerce.com>  
George Shammass <george@shamm.as> <georgyo@gmail.com>  
Gerasimos (Makis) Maropoulos <kataras2006@hotmail.com>  
Gerasimos Dimitriadis <gedimitr@gmail.com>  
Gergely Brautigam <skarlso777@gmail.com>  
Gernot Vormayr <gvormayr@gmail.com>  
Gert Cuykens <gert.cuykens@gmail.com>  
Getulio Snchez <valentin2507@gmail.com>  
Ghazni Nattarshah <ghazni.nattarshah@gmail.com>  
Gianguido Sora` <g.sora4@gmail.com>  
Gideon Jan-Wessel Redelinghuys <gjredelinghuys@gmail.com>  
Giles Lean <giles.lean@pobox.com>  
Giovanni Bajo <rasky@develer.com>  
GitHub User @ajnrp (1688456) <ajnrp@users.noreply.github.com>  
GitHub User @ajz01 (4744634) <ajzdenek@gmail.com>  
GitHub User @alkesh26 (1019076) <alkesh26@gmail.com>  
GitHub User @andig (184815) <cpuidle@gmx.de>  
GitHub User @andrius4669 (4699695) <andrius4669@gmail.com>  
GitHub User @as (8127015) <as.utf8@gmail.com>  
GitHub User @bakape (7851952) <bakape@gmail.com>  
GitHub User @bgadrian (830001) <aditza8@gmail.com>  
GitHub User @bontequero (2674999) <bontequero@gmail.com>  
GitHub User @cch123 (384546) <buaa.cch@gmail.com>  
GitHub User @chanxuehong (3416908) <chanxuehong@gmail.com>  
GitHub User @DQNEO (188741) <dqneo@gmail.com>  
GitHub User @dupoxy (1143957) <dupoxy@users.noreply.github.com>  
GitHub User @erifan (31343225) <eric.fang@arm.com>  
GitHub User @esell (9735165) <eujon.sellers@gmail.com>  
GitHub User @frenkie (6499251) <mail@rhab.de>  
GitHub User @hengwu0 (41297446) <41297446+hengwu0@users.noreply.github.com>  
GitHub User @itchyny (375258) <itchyny@hatena.ne.jp>  
GitHub User @jinmiaoluo (39730824) <jinmiaoluo@icloud.com>  
GitHub User @jobbrown (6345470) <msshane2008@gmail.com>  
GitHub User @kazysr (30496953) <kazysr0301@gmail.com>  
GitHub User @kc1212 (1093806) <kc1212@users.noreply.github.com>  
GitHub User @Kropekk (13366453) <kamilkropiewnicki@gmail.com>  
GitHub User @linguohua (3434367) <lghchinaidea@gmail.com>

GitHub User @LotusFenn (13775899) <fenn.lotus@gmail.com>  
GitHub User @madiganz (18340029) <zacharywmadigan@gmail.com>  
GitHub User @maltalex (10195391) <code@bit48.net>  
GitHub User @Matt966 (28551465) <Matt966@users.noreply.github.com>  
GitHub User @micnncim (21333876) <micnncim@gmail.com>  
GitHub User @mkishere (224617) <224617+mkishere@users.noreply.github.com>  
GitHub User @OlgaVIPetrova (44112727) <OVPPetrova@gmail.com>  
GitHub User @pityonline (438222) <pityonline@gmail.com>  
GitHub User @po3rin (29445112) <abctail30@gmail.com>  
GitHub User @pokutuna (57545) <popopopokutuna@gmail.com>  
GitHub User @pytimer (17105586) <lixin20101023@gmail.com>  
GitHub User @ramenjuniti (32011829) <ramenjuniti@gmail.com>  
GitHub User @saitarunreddy (21041941) <saitarunreddypalla@gmail.com>  
GitHub User @shogo-ma (9860598) <Chorama194@gmail.com>  
GitHub User @skanehira (7888591) <sho19921005@gmail.com>  
GitHub User @tatsumack (4510569) <tatsu.mack@gmail.com>  
GitHub User @tell-k (26263) <ffk2005@gmail.com>  
GitHub User @uhei (2116845) <uhei@users.noreply.github.com>  
GitHub User @uropek (39370426) <uropek@gmail.com>  
GitHub User @utkarsh-extc (53217283) <utkarsh.extc@gmail.com>  
GitHub User @witchard (4994659) <witchard@hotmail.co.uk>  
GitHub User @yah01 (12216890) <kagaminehuan@gmail.com>  
GitHub User @yuanhh (1298735) <yuan415030@gmail.com>  
GitHub User @zikaeroh (48577114) <zikaeroh@gmail.com>  
GitHub User @ZZMarquis (7624583) <zhonglingjian3821@163.com>  
Giulio Iotti <dullgiulio@gmail.com>  
Giulio Micheloni <giulio.micheloni@gmail.com>  
Giuseppe Valente <gvalente@arista.com>  
Gleb Stepanov <glebstepanov1992@gmail.com>  
Glenn Brown <glennb@google.com>  
Glenn Lewis <gmlewis@google.com>  
Gordon Klaus <gordon.klaus@gmail.com>  
Gordon Tyler <gordon@doxxx.net>  
Graham King <graham4king@gmail.com>  
Graham Miller <graham.miller@gmail.com>  
Grant Griffiths <ggp493@gmail.com>  
Greg Poirier <greg.istehbest@gmail.com>  
Greg Steuck <gnezdo+github@google.com>  
Greg Thelen <gthelen@google.com>  
Greg Ward <greg@gerg.ca>  
Grgoire Delattre <gregoire.delattre@gmail.com>  
Gregory Man <man.gregory@gmail.com>  
Guilherme Caruso <gui.martinscaruso@gmail.com>  
Guilherme Garnier <guilherme.garnier@gmail.com>  
Guilherme Goncalves <guilhermeaugustosg@gmail.com>  
Guilherme Rezende <guilhermebr@gmail.com>  
Guillaume J. Charmes <guillaume@charmes.net>  
Gntner Noack <gnoack@google.com>

Guobiao Mei <meiguobiao@gmail.com>  
Guoliang Wang <iamwgliang@gmail.com>  
Gustav Paul <gustav.paul@gmail.com>  
Gustav Westling <gustav@westling.xyz>  
Gustavo Franco <gustavorfranco@gmail.com>  
Gustavo Niemeyer <gustavo@niemeyer.net> <n13m3y3r@gmail.com>  
Gwenael Treguier <gwenn.kahz@gmail.com>  
Gyu-Ho Lee <gyuhox@gmail.com>  
H. brahim Gngr <igungor@gmail.com>  
Hajime Hoshi <hajimehoshi@gmail.com>  
Hallgrimur Gunnarsson <halg@google.com>  
HAMANO Tsukasa <hamano@osstech.co.jp>  
Han-Wen Nienhuys <hanwen@google.com>  
Hang Qian <hangqian90@gmail.com>  
Hanjun Kim <hallazzang@gmail.com>  
Haosdent Huang <haosdent@gmail.com>  
Harald Nordgren <haraldnordgren@gmail.com>  
Hari haran <hariharan.uno@gmail.com>  
Hariharan Srinath <srinathh@gmail.com>  
Harley Laue <losinggeneration@gmail.com>  
Harry Moreno <morenoh149@gmail.com>  
Harshavardhana <hrshvardhana@gmail.com>  
Hasan Ozgan <hasan@ozgan.net>  
Hasit Bhatt <hasit.p.bhatt@gmail.com>  
Hauke Lffler <hloeffler@users.noreply.github.com>  
Hvard Haugen <havard.haugen@gmail.com>  
He Liu <liulonnie@gmail.com>  
Hector Chu <hectorchu@gmail.com>  
Hector Martin Cantero <hector@marcansoft.com>  
Henning Schmiedehausen <henning@schmiedehausen.org>  
Henrik Edwards <henrik.edwards@gmail.com>  
Henrik Hodne <henrik@hodne.io>  
Henry Adi Sumarto <henry.adisumarto@gmail.com>  
Henry Bubert <google@mindeco.de>  
Henry Chang <mr.changyuheng@gmail.com>  
Henry Clifford <h.a.clifford@gmail.com>  
Henry Wong <liushuai.wang@elastic.co>  
Herbert Georg Fischer <herbert.fischer@gmail.com>  
Herbie Ong <herbie@google.com>  
Heschi Kreinick <heschi@google.com>  
Hidetatsu Yaginuma <ygnmhdt@gmail.com>  
Hilko Bengen <bengen@hilluzination.de>  
Hiroaki Nakamura <hnakamur@gmail.com>  
Hiromichi Ema <ema.hiro@gmail.com>  
Hironao OTSUBO <motemen@gmail.com>  
Hiroshi Ioka <hirochachacha@gmail.com>  
Hitoshi Mitake <mitake.hitoshi@gmail.com>  
Holden Huang <ttyh061@gmail.com>

Hong Ruiqi <hongruiqi@gmail.com>  
Hongfei Tan <feilengcui008@gmail.com>  
Horst Rutter <hhrutter@gmail.com>  
Hossein Sheikh Attar <hattar@google.com>  
Howard Zhang <howard.zhang@arm.com>  
Hsin Tsao <tsao@google.com>  
Hsin-Ho Yeh <yhh92u@gmail.com>  
Hu Keping <hukeping@huawei.com>  
Huan Du <i@huandu.me>  
Hugues Bruant <hugues.bruant@gmail.com>  
Huy Le <huy.dinh.le.89@gmail.com>  
Hyang-Ah Hana Kim <hakim@google.com> <hyangah@gmail.com>  
Ian Cottrell <iancottrell@google.com>  
Ian Davis <nospam@iandavis.com>  
Ian Gudger <ian@loosescre.ws>  
Ian Haken <ihaken@netflix.com>  
Ian Kent <iankent85@gmail.com>  
Ian Lance Taylor <iant@golang.org>  
Ian Leue <ian@appboy.com>  
Ian Zapolsky <ianzapolsky@gmail.com>  
Ibrahim AshShohail <ibra.sho@gmail.com>  
Icarus Sparry <golang@icarus.freeuk.com>  
Iccha Sethi <icchasethi@gmail.com>  
Idora Shinatose <idora.shinatose@gmail.com>  
Ignacio Hagopian <jsign.uy@gmail.com>  
Igor Bernstein <igorbernstein@google.com>  
Igor Dolzhikov <bluesriverz@gmail.com>  
Igor Vashyst <ivashyst@gmail.com>  
Igor Zhilianin <igor.zhilianin@gmail.com>  
Ilya Yalovyy <yalovoy@gmail.com>  
Ilya Sinelnikov <sidhmangh@gmail.com>  
Ilya Tocar <ilya.tocar@intel.com>  
INADA Naoki <songofacandy@gmail.com>  
Inanc Gumus <m@inanc.io>  
Ingo Gottwald <in.gottwald@gmail.com>  
Ingo Krabbe <ikrabbe.ask@gmail.com>  
Ingo Oeser <nightlyone@googlemail.com> <nightlyone@gmail.com>  
Ioannis Georgoulas <geototti21@hotmail.com>  
Irbe Krumina <irbekrm@gmail.com>  
Irfan Sharif <irfanmahmoudsharif@gmail.com>  
Irieda Noboru <irieda@gmail.com>  
Isaac Ardis <isaac.ardis@gmail.com>  
Isaac Wagner <ibw@isaacwagner.me>  
Isfan Azhabil <isfan.azhabil@tokopedia.com>  
Iskander Sharipov <iskander.sharipov@intel.com> <quasilyte@gmail.com>  
Issac Trotts <issactrotts@google.com>  
Ivan Babrou <ivan@cloudflare.com>  
Ivan Bertona <ivan.bertona@gmail.com>

Ivan Krasin <krasin@golang.org>  
Ivan Kutuzov <arbrix@gmail.com>  
Ivan Markin <sw@nogoegst.net>  
Ivan Moscoso <moscoso@gmail.com>  
Ivan Osadchii <ivan.osadchii@gmail.com>  
Ivan Sharavuev <shpiwan@gmail.com>  
Ivan Trubach <mr.trubach@icloud.com>  
Ivan Ukhov <ivan.ukhov@gmail.com>  
Ivy Evans <ivy@ivyevans.net>  
Jaana Burcu Dogan <jbd@google.com> <jbd@golang.org> <burcujdogan@gmail.com>  
Jaap Aarts <jaap.aarts1@gmail.com>  
Jack Britton <jackxbritton@gmail.com>  
Jack Lindamood <jlindamo@justin.tv>  
Jacob Baskin <jbaskin@google.com>  
Jacob Blain Christen <dweomer5@gmail.com>  
Jacob H. Haven <jacob@cloudflare.com>  
Jacob Hoffman-Andrews <github@hoffman-andrews.com>  
Jacob Walker <jacobwalker0814@gmail.com>  
Jae Kwon <jae@tendermint.com>  
Jake B <doogie1012@gmail.com>  
Jakob Borg <jakob@nym.se>  
Jakob Weisblat <jakobw@mit.edu>  
Jakub ajka <jcajka@redhat.com>  
Jakub Ryszard Czarnowicz <j.czarnowicz@gmail.com>  
Jamal Carvalho <jamal.a.carvalho@gmail.com>  
James Aguilar <jaguilar@google.com>  
James Bardin <j.bardin@gmail.com>  
James Chacon <jchacon@google.com>  
James Clarke <jrtc27@jrtc27.com>  
James Cowgill <James.Cowgill@imgtec.com>  
James Craig Burley <james-github@burleyarch.com>  
James David Chalfant <james.chalfant@gmail.com>  
James Eady <jmeady@google.com>  
James Fysh <james.fysh@gmail.com>  
James Gray <james@james4k.com>  
James Hartig <fastest963@gmail.com>  
James Lawrence <jljatone@gmail.com>  
James Meneghello <rawrz0r@gmail.com>  
James Myers <jfmyers9@gmail.com>  
James Neve <jamesoneve@gmail.com>  
James Nugent <james@jen20.com>  
James P. Cooper <jamespcooper@gmail.com>  
James Robinson <jamesr@google.com> <jamesr.gatech@gmail.com>  
James Schofield <james@shoeboxapp.com>  
James Smith <jrs1995@icloud.com>  
James Sweet <james.sweet88@googlemail.com>  
James Toy <nil@opensesame.st>  
James Treanor <jtreanor3@gmail.com>

James Tucker <raggi@google.com>  
James Whitehead <jnwhiteh@gmail.com>  
Jamie Beverly <jamie.r.beverly@gmail.com>  
Jamie Gennis <jgennis@google.com> <jgennis@gmail.com>  
Jamie Kerr <jkerr113@googlemail.com>  
Jamie Liu <jamieliu@google.com>  
Jamie Stackhouse <contin673@gmail.com>  
Jamie Turner <jamwt@dropbox.com>  
Jamie Wilkinson <jaq@spacepants.org>  
Jamil Djadala <djadala@gmail.com>  
Jan Berktold <jan@berktold.co>  
Jan H. Hosang <jan.hosang@gmail.com>  
Jan Kratochvil <jan.kratochvil@redhat.com>  
Jan Lehnardt <jan@apache.org>  
Jan Mercl <0xjnm@gmail.com> <befelemepeseveze@gmail.com>  
Jan Newmarch <jan.newmarch@gmail.com>  
Jan Pilzer <jan.pilzer@gmx.de>  
Jan Steinke <jan.steinke@gmail.com>  
Jan Ziak <0xe2.0x9a.0x9b@gmail.com>  
Jani Monoses <jani.monoses@ubuntu.com> <jani.monoses@gmail.com>  
Jannis Andrija Schnitzer <jannis@schnitzer.im>  
Jared Culp <jculp14@gmail.com>  
Jaroslavas Poepko <jp@webmaster.ms>  
Jason A. Donenfeld <Jason@zx2c4.com>  
Jason Baker <jason-baker@users.noreply.github.com>  
Jason Barnett <jason.w.barnett@gmail.com>  
Jason Buberel <jbuberel@google.com>  
Jason Chu <jasonchujc@gmail.com>  
Jason Del Ponte <delpontej@gmail.com>  
Jason Hall <jasonhall@google.com>  
Jason Keene <jasonkeene@gmail.com>  
Jason LeBrun <jblebrun@gmail.com>  
Jason Smale <jsmale@zendesk.com>  
Jason Travis <infomaniac7@gmail.com>  
Jason Wangsadinata <jwangsadinata@gmail.com>  
Javier Kohen <jkohen@google.com>  
Javier Revillas <jrevillas@massivedynamic.io>  
Javier Segura <javism@gmail.com>  
Jay Conrod <jayconrod@google.com>  
Jay Taylor <outtatime@gmail.com>  
Jay Weiskopf <jay@jayschwa.net>  
Jean de Klerk <deklerk@google.com>  
Jean-Andr Santoni <jean.andre.santoni@gmail.com>  
Jean-Franois Bustarret <jf@bustarret.com>  
Jean-Francois Cantin <jfcantin@gmail.com>  
Jean-Marc Eurin <jmeurin@google.com>  
Jean-Nicolas Moal <jn.moal@gmail.com>  
Jed Denlea <jed@fastly.com>



Jdrzej Szczepaniak <jbszczepaniak@gmail.com>  
Jeet Parekh <jeetparekh96@gmail.com>  
Jeevanandam M <jeeva@myjeeva.com>  
Jeff (Zhefu) Jiang <jeffjiang@google.com>  
Jeff Craig <jeffcraig@google.com>  
Jeff Dupont <jeff.dupont@gmail.com>  
Jeff Hodges <jeff@somethingsimilar.com>  
Jeff Johnson <jrjohnson@google.com>  
Jeff R. Allen <jra@nella.org> <jeff.allen@gmail.com>  
Jeff Sickel <jas@corpus-callosum.com>  
Jeff Wendling <jeff@spacemonkey.com>  
Jeffrey H <jeffreyh192@gmail.com>  
Jelte Fennema <github-tech@jeltef.nl>  
Jens Frederich <jfrederich@gmail.com>  
Jeremiah Harmsen <jeremiah@google.com>  
Jeremy Banks <\_@jeremy.ca>  
Jeremy Canady <jcanady@gmail.com>  
Jeremy Faller <jeremy@golang.org>  
Jeremy Jackins <jeremyjackins@gmail.com>  
Jeremy Jay <jeremy@pbnjay.com>  
Jeremy Schlatter <jeremy.schlatter@gmail.com>  
Jeroen Bobbeldijk <jerbob92@gmail.com>  
Jeroen Simonetti <jeroen@simonetti.nl>  
Jerrin Shaji George <jerrinsg@gmail.com>  
Jess Frazelle <me@jessfraz.com>  
Jesse Szwedko <jesse.szwedko@gmail.com>  
Jess Espino <jespinog@gmail.com>  
Jianing Yu <jnyu@google.com>  
Jianqiao Li <jianqiaoli@google.com>  
Jihyun Yu <yjh0502@gmail.com>  
Jim Cote <jfcote87@gmail.com>  
Jim Kingdon <jim@bolt.me>  
Jim McGrath <jimmc2@gmail.com>  
Jim Minter <jminter@redhat.com>  
Jimmy Frasche <soapboxcicero@gmail.com>  
Jimmy Zelinskie <jimmyzelinskie@gmail.com>  
Jin-wook Jeong <jeweljar@hanmail.net>  
Jingcheng Zhang <diogin@gmail.com>  
Jingguo Yao <yaojingguo@gmail.com>  
Jingnan Si <jingnan.si@gmail.com>  
Jinkun Zhang <franksnolf@gmail.com>  
Jiong Du <londdevil@gmail.com>  
Jirka Dank <dnk@mail.muni.cz>  
Jiulong Wang <jiulongw@gmail.com>  
Joakim Sernbrant <serbaut@gmail.com>  
Joe Bowbeer <joe.bowbeer@gmail.com>  
Joe Cortopassi <joe@joecortopassi.com>  
Joe Farrell <joe2farrell@gmail.com>

Joe Harrison <joehazzers@gmail.com>  
Joe Henke <joed.henke@gmail.com>  
Joe Kyo <xunianzu@gmail.com>  
Joe Poirier <jdpoirier@gmail.com>  
Joe Richey <joerichey@google.com>  
Joe Shaw <joe@joeshaw.org>  
Joe Sylve <joe.sylve@gmail.com>  
Joe Tsai <joetsai@digital-static.net>  
Joel Sing <joel@sing.id.au> <jsing@google.com>  
Jol Stemmer <jstemmer@google.com>  
Joel Stemmer <stemmertech@gmail.com>  
Joey Geiger <jgeiger@users.noreply.github.com>  
Johan Brandhorst <johan.brandhorst@gmail.com>  
Johan Euphrosine <proppy@google.com>  
Johan Jansson <johan.jansson@iki.fi>  
Johan Sageryd <j@1616.se>  
John Asmuth <jasmuth@gmail.com>  
John Beisley <huin@google.com>  
John C Barstow <jbowtie@amathaine.com>  
John DeNero <denero@google.com>  
John Dethridge <jcd@golang.org>  
John Gibb <johngibb@gmail.com>  
John Gilik <john@jgilik.com>  
John Graham-Cumming <jgc@jgc.org> <jgrahamc@gmail.com>  
John Howard Palevich <jack.palevich@gmail.com>  
John Jeffery <jjeffery@sp.com.au>  
John Jenkins <twodopeshaggy@gmail.com>  
John Leidegren <john.leidegren@gmail.com>  
John Moore <johnkenneth.moore@gmail.com>  
John Newlin <jnewlin@google.com>  
John Papandriopoulos <jpap.code@gmail.com>  
John Potocny <johnp@vividcortex.com>  
John R. Lenton <jlenton@gmail.com>  
John Schnake <schnake.john@gmail.com>  
John Shahid <jvshahid@gmail.com>  
John Tuley <john@tuley.org>  
John Weldon <johnweldon4@gmail.com>  
Johnny Luo <johnnyluo1980@gmail.com>  
Jon Chen <jchen@justin.tv>  
Jonas Bernoulli <jonas@bernoul.li>  
Jonathan Allie <jonallie@google.com>  
Jonathan Amsterdam <jba@google.com>  
Jonathan Boulle <jonathanboulle@gmail.com>  
Jonathan Chen <dijonkitchen@users.noreply.github.com>  
Jonathan Feinberg <feinberg@google.com>  
Jonathan Gold <jgold.bg@gmail.com>  
Jonathan Hseu <jhseu@google.com>  
Jonathan Mark <jhmark@xenops.com> <jhmark000@gmail.com>

Jonathan Nieder <jrn@google.com>  
Jonathan Pentecost <pentecostjonathan@gmail.com>  
Jonathan Pittman <jmpittman@google.com> <jonathan.mark.pittman@gmail.com>  
Jonathan Rudenberg <jonathan@titanous.com>  
Jonathan Stacks <jonstacks13@gmail.com>  
Jonathan Wills <runningwild@gmail.com>  
Jonathon Lacher <jonathon.lacher@gmail.com>  
Jongmin Kim <atomaths@gmail.com>  
Joonas Kuorilehto <joneskoo@derbian.fi>  
Joop Kiefte <ikojba@gmail.com> <joop@kiefte.net>  
Jordan Krage <jmank88@gmail.com>  
Jordan Lewis <jordanthelewis@gmail.com>  
Jordan Liggitt <liggitt@google.com>  
Jordan Rhee <jordanrh@microsoft.com>  
Jordi Martin <jordimartin@gmail.com>  
Jorge Araya <jorgejavieran@yahoo.com.mx>  
Jorge L. Fatta <jorge.fatta@auth0.com>  
Jos Visser <josv@google.com>  
Josa Gesell <josa@gesell.me>  
Jose Luis Vzquez Gonzlez <josvazg@gmail.com>  
Joseph Bonneau <jcb@google.com>  
Joseph Holsten <joseph@josephholsten.com>  
Josh Bleecher Snyder <josharian@gmail.com>  
Josh Chorlton <jchorlton@gmail.com>  
Josh Deprez <josh.deprez@gmail.com>  
Josh Goebel <dreamer3@gmail.com>  
Josh Hoak <jhoak@google.com>  
Josh Holland <jrh@joshh.co.uk>  
Josh Roppo <joshroppo@gmail.com>  
Josh Varga <josh.varga@gmail.com>  
Joshua Boelter <joshua.boelter@intel.com>  
Joshua Chase <jcoshuachase@gmail.com>  
Joshua M. Clulow <josh.clulow@joyent.com>  
Joshua Rubin <joshua@rubixconsulting.com>  
Josselin Costanzi <josselin@costanzi.fr>  
Jostein Stuhauug <js@solidsystem.no>  
JP Sugarbroad <jpsugar@google.com>  
JT Olds <jtolds@xnet5.com>  
JT Olio <hello@jtolio.com>  
Juan Carlos <juanjcsr@gmail.com>  
Juan Pablo Civile <elementohb@gmail.com>  
Jude Pereira <judebpereira@gmail.com>  
Jukka-Pekka Kekkonen <karatepekka@gmail.com>  
Julia Hansbrough <flowerhack@google.com>  
Julian Kornberger <jk+github@digineo.de>  
Julian Pastarmov <pastarmovj@google.com>  
Julian Phillips <julian@quantumfyre.co.uk>  
Julian Tibble <julian.tibble@gmail.com>

Julie Qiu <julie@golang.org>  
Julien Kauffmann <julien.kauffmann@freelan.org>  
Julien Salleyron <julien.salleyron@gmail.com>  
Julien Schmidt <google@julienschmidt.com>  
Julio Montes <julio.montes@intel.com>  
Jun Zhang <jim.zoumo@gmail.com>  
Junda Liu <junda@celer.network>  
Jungho Ahn <jhahn@google.com>  
Junya Hayashi <ledmonster@gmail.com>  
Juraj Sukop <sukop@users.noreply.github.com>  
Jure Ham <jure.ham@zemanta.com>  
Justin Gracenin <jgracenin@gmail.com>  
Justin Li <git@justinli.net>  
Justin Nu <nuss.justin@gmail.com>  
Justyn Temme <justyntemme@gmail.com>  
Kai Backman <kaib@golang.org>  
Kai Dong <dokia2357@gmail.com>  
Kai Trukenmiller <ktye78@gmail.com>  
Kale Blankenship <kale@lemnisis.com>  
Kaleb Elwert <kelwert@atlassian.com>  
Kalman Bekesi <kalmanb@google.com>  
Kamal Aboul-Hosn <aboulhosn@google.com>  
Kamil Chmielewski <kamil.chm@gmail.com>  
Kamil Kisiel <kamil@kamilkisiel.net> <kamil.kisiel@gmail.com>  
Kamil Rytarowski <krytarowski@users.noreply.github.com>  
Kang Hu <hukangustc@gmail.com>  
Kanta Ebihara <kantaebihara@gmail.com>  
Karan Dhiman <karandhi@ca.ibm.com>  
Karel Pazdera <pazderak@gmail.com>  
Karoly Negyesi <chx1975@gmail.com>  
Karsten Khler <karsten.koehler95@gmail.com>  
Karthik Nayak <karthik.188@gmail.com>  
Kashav Madan <kshvmdn@gmail.com>  
Kate Manson <kate.manson@izettle.com>  
Katharine Berry <ktbry@google.com>  
Katie Hockman <katie@golang.org>  
Kato Kazuyoshi <kato.kazuyoshi@gmail.com>  
Katrina Owen <katrina.owen@gmail.com>  
Kaviraj Kanagaraj <kavirajkanagaraj@gmail.com>  
Kay Zhu <kayzhu@google.com>  
Kazuhiro Sera <seratch@gmail.com>  
KB Sriram <kbsriram@google.com>  
Keegan Carruthers-Smith <keegan.csmith@gmail.com>  
Kei Son <hey.calmdown@gmail.com>  
Keiji Yoshida <keijiyoshida.mail@gmail.com>  
Keisuke Kishimoto <keisuke.kishimoto@gmail.com>  
Keith Ball <inflatablewoman@gmail.com>  
Keith Randall <khr@golang.org>

Keith Rarick <kr@xph.us>  
Kelly Heller <pestophagous@gmail.com>  
Kelsey Hightower <kelsey.hightower@gmail.com>  
Kelvin Foo Chuan Lyi <vmirage@gmail.com>  
Ken Friedenbach <kenliz@cruzio.com>  
Ken Rockot <ken@oz.gs> <ken.rockot@gmail.com>  
Ken Sedgwick <ken@bonsai.com>  
Ken Thompson <ken@golang.org>  
Kenichi Tsunokawa <kenichi.tsunokawa@gmail.com>  
Kenji Kaneda <kenji.kaneda@gmail.com>  
Kenji Yano <kenji.yano@gmail.com>  
Kenneth Shaw <kenshaw@gmail.com>  
Kenny Grant <kennygrant@gmail.com>  
Kenta Mori <zoncoen@gmail.com>  
Ketan Parmar <ketanbparmar@gmail.com>  
Kevan Swanberg <kevswanberg@gmail.com>  
Kevin Ballard <kevin@sb.org>  
Kevin Burke <kev@inburke.com>  
Kvin Dunglas <dunglas@gmail.com>  
Kevin Gillette <extemporalgenome@gmail.com>  
Kevin Kirsche <kev.kirsche@gmail.com>  
Kevin Klues <klueska@gmail.com> <klueska@google.com>  
Kevin Malachowski <chowski@google.com>  
Kevin Ruffin <kruffin@gmail.com>  
Kevin Vu <kevin.m.vu@gmail.com>  
Kevin Zita <bleedgreenandgold@gmail.com>  
Kieran Colford <kieran@kcolford.com>  
Kim Shrier <kshrier@racktopsystems.com>  
Kim Yongbin <kybinz@gmail.com>  
Kir Kolyshkin <kolyshkin@gmail.com>  
Kirill Motkov <Motkov.Kirill@gmail.com>  
Kirill Smelkov <kirr@nexedi.com>  
Kirill Tatchihin <kirabsuir@gmail.com>  
Kirk Han <kirk91.han@gmail.com>  
Kirklin McDonald <kirklin.mcdonald@gmail.com>  
Klaus Post <klauspost@gmail.com>  
Kodie Goodwin <kodiegoodwin@gmail.com>  
Koichi Shiraishi <zchee.io@gmail.com>  
Koki Ide <niconegoto@yahoo.co.jp>  
Koki Tomoshige <tomocy.dev@gmail.com>  
Komu Wairagu <komuw05@gmail.com>  
Konstantin <konstantin8105@gmail.com>  
Konstantin Shaposhnikov <k.shaposhnikov@gmail.com>  
Koya IWAMURA <kiwamura0314@gmail.com>  
Kris Kwiatkowski <kris@cloudflare.com>  
Kris Nova <kris@nivenly.com>  
Kris Rousey <krousey@google.com>  
Kristopher Watts <traetox@gmail.com>

Kshitij Saraogi <kshitij@saraogi@gmail.com>  
Kun Li <likunarmstrong@gmail.com>  
Kunpei Sakai <namusyaka@gmail.com>  
Kuntal Majumder <hellozee@disroot.org>  
Kyle Consalus <consalus@gmail.com>  
Kyle Isom <kyle@gokyle.net>  
Kyle Jones <kyle@kyledj.com>  
Kyle Lemons <kyle@kylelemons.net> <kevlar@google.com>  
Kyle Shannon <kyle@pobox.com>  
Kyle Spiers <eiais@google.com>  
Kyle Wood <kyle@kylewood.cc>  
Kyohei Kadota <lufia@lufia.org>  
Kyrylo Silin <silin@kyrylo.org>  
L Campbell <unpantsu@gmail.com>  
Lai Jiangshan <eag0628@gmail.com>  
Lajos Papp <lalyos@yahoo.com>  
Lakshay Garg <lakshay.garg.1996@gmail.com>  
Lann Martin <lanm@google.com>  
Lanre Adelowo <yo@lanre.wtf>  
Larry Clapp <larry@theclapp.org>  
Larry Hosken <lahosken@golang.org>  
Lars Jeppesen <jeppesen.lars@gmail.com>  
Lars Lehtonen <lars.lehtonen@gmail.com>  
Lars Wiegman <lars@namsral.com>  
Larz Conwell <larzconwell@gmail.com>  
Laurent Voisin <lpvoisin@gmail.com>  
Laurie Clark-Michalek <laurie@qubit.com>  
LE Manh Cuong <cuong.manhle.vn@gmail.com>  
Lee Hinman <hinman@gmail.com>  
Lee Packham <lpackham@gmail.com>  
Lehner Florian <dev@der-flo.net>  
Leigh McCulloch <leighmcc@gmail.com>  
Leo Antunes <leo@costela.net>  
Leo Rudberg <ljr@google.com>  
Leon Klingele <git@leonklingele.de>  
Leonardo Comelli <leonardo.comelli@gmail.com>  
Leonel Quinteros <leonel.quinteros@gmail.com>  
Lev Shamardin <shamardin@gmail.com>  
Lewin Bormann <lewin.bormann@gmail.com>  
Lion Yang <lion@aosc.xyz>  
Liz Rice <liz@lizrice.com>  
Lloyd Dewolf <foolswisdom@gmail.com>  
Lorenz Bauer <lmb@cloudflare.com>  
Lorenz Brun <lorenz@brun.one>  
Lorenz Nickel <mail@lorenznickel.de>  
Lorenzo Masini <rugginoso@develer.com>  
Lorenzo Stoakes <lstoakes@gmail.com>  
Louis Kruger <louisk@google.com>

Luan Santos <cfcluan@gmail.com>  
Lubomir I. Ivanov <neolit123@gmail.com>  
Luca Bruno <luca.bruno@coreos.com>  
Luca Greco <luca.greco@alcacoop.it>  
Lucas Bremgartner <lucas.bremgartner@gmail.com>  
Lucas Clemente <lclemente@google.com>  
Lucien Stuker <lucien.stuker@gmail.com>  
Lucio De Re <lucio.dere@gmail.com>  
Ludi Rehak <ludi317@gmail.com>  
Luigi Riefolo <luigi.riefolo@gmail.com>  
Luit van Drongelen <luitvd@gmail.com>  
Luka Zakrajek <tr00.g33k@gmail.com>  
Luka Zitnik <luka.zitnik@gmail.com>  
Lukasz Milewski <lmmilewski@gmail.com>  
Luke Champine <luke.champine@gmail.com>  
Luke Curley <qpingu@gmail.com>  
Luke Granger-Brown <git@lukegb.com>  
Luke Young <bored-engineer@users.noreply.github.com>  
Luna Duclos <luna.duclos@palmstonegames.com>  
Luuk van Dijk <lvd@golang.org> <lvd@google.com>  
Lyle Franklin <lylejfranklin@gmail.com>  
Lynn Boger <laboger@linux.vnet.ibm.com>  
Ma Peiqi <mapeiqi2017@gmail.com>  
Maarten Bezemer <maarten.bezemer@gmail.com>  
Maciej Dbski <maciejd@google.com>  
Madhu Rajanna <madhupr007@gmail.com>  
Magnus Hiie <magnus.hiie@gmail.com>  
Maicon Costa <maiconscosta@gmail.com>  
Mak Kolybabi <mak@kolybabi.com>  
Maksym Trykur <maksym.trykur@gmail.com>  
Mal Curtis <mal@mal.co.nz>  
Manfred Touron <m@42.am>  
Manigandan Dharmalingam <manigandan.jeff@gmail.com>  
Manish Goregaokar <manishsmail@gmail.com>  
Manoj Dayaram <platform-dev@moovweb.com> <manoj.dayaram@moovweb.com>  
Mansour Rahimi <rahimi.mnr@gmail.com>  
Manu Garg <manugarg@google.com>  
Manu S Ajith <neo@codingarena.in>  
Manuel Mendez <mmendez534@gmail.com>  
Marat Khabibullin <marat.khabibullin@jetbrains.com>  
Marc Sanmiquel <marcsanmiquel@gmail.com>  
Marc Weistroff <marc@weistroff.net>  
Marc-Antoine Ruel <maruel@chromium.org>  
Marcel Edmund Franke <marcel.edmund.franke@gmail.com>  
Marcel van Lohuizen <mpvl@golang.org>  
Marcelo Cantos <marcelo.cantos@gmail.com>  
Marcelo E. Magallon <marcelo.magallon@gmail.com>  
Marco Hennings <marco.hennings@freiheit.com>

Marcus Willock <crazcalm@gmail.com>  
Marga Manterola <marga@google.com>  
Mariano Cano <mariano@smallstep.com>  
Marin Bai <marin.basic02@gmail.com>  
Mario Arranz <marioarranzr@gmail.com>  
Marius A. Eriksen <marius@grailbio.com>  
Marius Nuennerich <mnu@google.com>  
Mark Adams <mark@markadams.me>  
Mark Bucciarelli <mkbucc@gmail.com>  
Mark Glines <mark@glines.org>  
Mark Harrison <marhar@google.com>  
Mark Percival <m@mdp.im>  
Mark Pulford <mark@kyne.com.au>  
Mark Rushakoff <mark.rushakoff@gmail.com>  
Mark Ryan <mark.d.ryan@intel.com>  
Mark Severson <miquella@gmail.com>  
Mark Theunissen <mark.theunissen@gmail.com>  
Mark Villacampa <m@markvillacampa.com>  
Mark Wolfe <mark@wolfe.id.au>  
Mark Zavislak <zavislak@google.com>  
Marko Juhani Silokunnas <marko.silokunnas@gmail.com>  
Marko Kevac <marko@kevac.org>  
Marko Kungla <marko.kungla@gmail.com>  
Marko Mikulicic <mkm@google.com>  
Marko Mudrinic <mudrinic.mare@gmail.com>  
Marko Tiikkaja <marko@joh.to>  
Markus Duft <markus.duft@salomon.at>  
Markus Sonderegger <marraison@gmail.com>  
Markus Zimmermann <zimmski@gmail.com>  
Marten Seemann <martenseemann@gmail.com>  
Martin Bertschler <mbertschler@gmail.com>  
Martin Garton <garton@gmail.com>  
Martin Habbecke <marhab@google.com>  
Martin Hamrle <martin.hamrle@gmail.com>  
Martin Hoefling <martin.hoefling@gmx.de>  
Martin Kreichgauer <martinkr@google.com>  
Martin Kunc <martinkunc@users.noreply.github.com>  
Martin Lindhe <martin.j.lindhe@gmail.com>  
Martin Mohrmann <moehrmann@google.com> <martisch@uos.de>  
Martin Neubauer <m.ne@gmx.net>  
Martin Olsen <github.com@martinolsen.net>  
Martin Olsson <martin@minimum.se>  
Martin Probst <martin@probst.io>  
Martin Sucha <anty.sk+git@gmail.com>  
Martin Tournoij <martin@arp242.net>  
Martins Sipenko <martins.sipenko@gmail.com>  
Martynas Budrinas <mabu@google.com>  
Marvin Stenger <marvin.stenger94@gmail.com>



Marwan Sulaiman <marwan.sulaiman@work.co>  
Maryan Hratson <gmarik@gmail.com>  
Masahiro Furudate <masahiro.furudate@gmail.com>  
Masahiro Wakame <vvakame@gmail.com>  
Masaki Yoshida <yoshida.masaki@gmail.com>  
Mat Byczkowski <mbyczkowski@gmail.com>  
Mat Ryer <thatmatryer@gmail.com>  
Mt Gulys <mgulyas86@gmail.com>  
Matej Bao <matejbaco@gmail.com>  
Mateus Amin <mateus.amin@gmail.com>  
Mateusz Czapliski <czapkofan@gmail.com>  
Mathias Beke <git@denbeke.be>  
Mathias Hall-Andersen <mathias@hall-andersen.dk>  
Mathias Leppich <mleppich@muhqu.de>  
Mathieu Lonjaret <mathieu.lonjaret@gmail.com>  
Mats Lidell <mats.lidell@cag.se> <mats.lidell@gmail.com>  
Matt Aimonetti <mattaimonetti@gmail.com>  
Matt Blair <me@matthewblair.net>  
Matt Bostock <matt@mattbostock.com>  
Matt Brown <mdbrown@google.com>  
Matt Dee <mdee@hioscar.com>  
Matt Drollette <matt@drollette.com>  
Matt Harden <matt.harden@gmail.com>  
Matt Jibson <matt.jibson@gmail.com>  
Matt Joiner <anacrolix@gmail.com>  
Matt Jones <mrjones@google.com>  
Matt Juran <thepciet@gmail.com>  
Matt Layher <mdllyher@gmail.com>  
Matt Reiferson <mreiferson@gmail.com>  
Matt Robenolt <matt@ydekproductions.com>  
Matt Strong <mstrong1341@gmail.com>  
Matt T. Proud <matt.proud@gmail.com>  
Matt Williams <gh@mattyw.net> <mattyjwilliams@gmail.com>  
Matthew Brennan <matty.brennan@gmail.com>  
Matthew Broberg <matthewbbroberg@gmail.com>  
Matthew Cottingham <mattcottingham@gmail.com>  
Matthew Dempsky <mdempsky@google.com>  
Matthew Denton <mdenton@skyportsystems.com>  
Matthew Holt <Matthew.Holt+git@gmail.com>  
Matthew Horsnell <matthew.horsnell@gmail.com>  
Matthew Waters <mwwaters@gmail.com>  
Matthieu Hauglustaine <matt.hauglustaine@gmail.com>  
Matthieu Olivier <olivier.matthieu@gmail.com>  
Matthijs Kooijman <matthijs@stdin.nl>  
Max Riveiro <kavu13@gmail.com>  
Max Schmitt <max@schmitt.mx>  
Max Semenik <maxsem.wiki@gmail.com>  
Max Ushakov <ushmax@gmail.com>

Maxim Eryomenko <moeryomenko@gmail.com>  
Maxim Khitrov <max@mxcrypt.com>  
Maxim Pimenov <mpimenov@google.com>  
Maxim Ushakov <ushakov@google.com>  
Maxime de Roucy <maxime.deroucy@gmail.com>  
Mximo Cuadros Ortiz <mcuadros@gmail.com>  
Maxwell Krohn <themax@gmail.com>  
Maya Rashish <maya@NetBSD.org>  
Mayank Kumar <krmayankk@gmail.com>  
Meir Fischer <meirfischer@gmail.com>  
Meng Zhuo <mengzhuo1203@gmail.com>  
Mhd Sulhan <m.shulhan@gmail.com>  
Micah Stetson <micah.stetson@gmail.com>  
Michael Anthony Knyszek <mknyszek@google.com>  
Michael Brandenburg <mbrandenburg@bolste.com>  
Michael Chaten <mchaten@gmail.com>  
Michael Cook <code@mdcook.net>  
Michael Darakananda <pongad@google.com>  
Michael Dorner <mail@michaeldorf.de>  
Michael Edwards <medwards@walledcity.ca>  
Michael Elkins <michael.elkins@gmail.com>  
Michael Ellis <micellis@justin.tv>  
Michael Fraenkel <michael.fraenkel@gmail.com>  
Michael Fromberger <michael.j.fromberger@gmail.com>  
Michael Gehring <mg@ebfe.org> <gnirheg.leahcim@gmail.com>  
Michael Henderson <mdhender@users.noreply.github.com>  
Michael Hendricks <michael@ndrix.org>  
Michael Hoisie <hoisie@gmail.com>  
Michael Hudson-Doyle <michael.hudson@linaro.org>  
Michael Kasch <michael.kasch@gmail.com>  
Michael Kufl <golang@c.michael-kaeufl.de>  
Michael Kelly <mjk@google.com>  
Michael Lewis <mikelikespie@gmail.com>  
Michael MacInnis <Michael.P.MacInnis@gmail.com>  
Michael Marineau <michael.marineau@coreos.com>  
Michael Matloob <matloob@google.com>  
Michael McConville <momconville@gmail.com>  
Michael McGreevy <mcgreevy@golang.org>  
Michael McLoughlin <mmcloughlin@gmail.com>  
Michael Munday <mike.munday@ibm.com>  
Michael Pearson <mipearson@gmail.com>  
Michael Piatek <piatek@google.com>  
Michael Pratt <mpratt@google.com>  
Michael Schaller <michael@5challer.de>  
Michael Schurter <michael.schurter@gmail.com>  
Michael Shields <mshields@google.com>  
Michael Stapelberg <michael@stapelberg.de> <mstplbrg@googlemail.com>  
Michael Steinert <mike.steinert@gmail.com>

Michael T. Jones <mtj@google.com> <michael.jones@gmail.com>  
Michael Teichgrber <mteichgrber@gmx.de> <mt4swm@googlemail.com>  
Michael Traver <mtraver@google.com>  
Michael Vetter <g.bluehut@gmail.com>  
Michael Vogt <mvo@ubuntu.com>  
Michal Bohuslvek <mbohuslvek@gmail.com>  
Michal Cierniak <cierniak@google.com>  
Micha Derkacz <ziutek@inet.pl>  
Michal Franc <lam.michal.franc@gmail.com>  
Michal Pristas <michal.pristas@gmail.com>  
Michal Rostecki <mrostecki@suse.de>  
Michalis Kargakis <michaliskargakis@gmail.com>  
Michel Lespinasse <>walken@google.com>  
Mickael Kerjean <mickael.kerjean@gmail.com>  
Mickey Reiss <mickeyreiss@gmail.com>  
Miek Gieben <miek@miek.nl> <remigius.gieben@gmail.com>  
Miguel Mendez <stxmendez@gmail.com>  
Miguel Molina <hi@mvader.me>  
Mihai Borobocea <MihaiBorobocea@gmail.com>  
Mihai Moldovan <ionic@ionic.de>  
Mihai Todor <todormihai@gmail.com>  
Mihail Minaev <minaev.mike@gmail.com>  
Mikael Tillenius <mikti42@gmail.com>  
Mike Andrews <mra@xoba.com>  
Mike Appleby <mike@app.leby.org>  
Mike Danese <mikedanese@google.com>  
Mike Houston <mike@kothar.net>  
Mike Kabischev <kabischev@gmail.com>  
Mike Rosset <mike.rosset@gmail.com>  
Mike Samuel <mikesamuel@gmail.com>  
Mike Solomon <msolo@gmail.com>  
Mike Strosaker <strosake@us.ibm.com>  
Mike Tsao <mike@sowbug.com>  
Mike Wiacek <mjwiacek@google.com>  
Mikhail Fesenko <proggga@gmail.com>  
Mikhail Gusarov <dottedmag@dottedmag.net>  
Mikhail Panchenko <m@mihasya.com>  
Miki Tebeka <miki.tebeka@gmail.com>  
Mikio Hara <mikioh.mikioh@gmail.com>  
Mikkel Krautz <mikkel@krautz.dk> <krautz@gmail.com>  
Mikoaj Baranowski <mikolajb@gmail.com>  
Milan Knezevic <milan.knezevic@mips.com>  
Milutin Jovanovic <jovanovic.milutin@gmail.com>  
MinJae Kwon <mingrammer@gmail.com>  
Miquel Sabat Sol <mikisabate@gmail.com>  
Mirko Hansen <baaazen@gmail.com>  
Miroslav Genov <mgenov@gmail.com>  
Misty De Meo <mistydemeo@gmail.com>

Mohit Agarwal <mohit@sdf.org>  
Mohit kumar Bajoria <mohitbajo36@gmail.com>  
Mohit Verma <vmohit.93@gmail.com>  
Momchil Velikov <momchil.velikov@gmail.com>  
Monis Khan <mkhan@redhat.com>  
Monty Taylor <mordred@inaugust.com>  
Moritz Fain <moritz@fain.io>  
Moriyoshi Koizumi <mozo@mozo.jp>  
Morten Siebuhr <sbhr@sbhr.dk>  
Mshe van der Sterre <moshevds@gmail.com>  
Mostyn Bramley-Moore <mostyn@antipode.se>  
Mrunal Patel <mrunalp@gmail.com>  
Muhammad Falak R Wani <falakreyaz@gmail.com>  
Muhammed Uluyol <uluyol0@gmail.com>  
Muir Manders <muir@mnd.rs>  
Mura Li <mura\_li@castech.com.tw>  
Mykhailo Lesyk <mikhail@lesyk.org>  
Nan Deng <monnand@gmail.com>  
Nao Yonashiro <owan.orisano@gmail.com>  
Naoki Kanatani <k12naoki@gmail.com>  
Nate Wilkinson <nathanwilk7@gmail.com>  
Nathan Cantelmo <n.cantelmo@gmail.com>  
Nathan Caza <mastercactus@gmail.com>  
Nathan Dias <nathan.dias@orijtech.com>  
Nathan Humphreys <nkhumphreys@gmail.com>  
Nathan John Youngman <nj@nathany.com>  
Nathan Otterness <otterness@cs.unc.edu>  
Nathan P Finch <nate.finch@gmail.com>  
Nathan VanBenschoten <nvanbenschoten@gmail.com>  
Nathan Youngman <git@nathany.com>  
Nathan(yinian) Hu <nathanhu@google.com>  
Nathaniel Cook <nvcook42@gmail.com>  
Naveen Kumar Sangi <naveenkumarsangi@protonmail.com>  
Neelesh Chandola <neelesh.c98@gmail.com>  
Neil Lyons <nwjlyons@googlemail.com>  
Neuman Vong <neuman.vong@gmail.com>  
Neven Sajko <nsajko@gmail.com>  
Nevins Bartolomeo <nevins.bartolomeo@gmail.com>  
Niall Sheridan <nsheridan@gmail.com>  
Nic Day <nic.day@me.com>  
Nicholas Katsaros <nick@nickkatsaros.com>  
Nicholas Maniscalco <nicholas@maniscalco.com>  
Nicholas Ng <nickng@nickng.io>  
Nicholas Presta <nick@nickpresta.ca> <nick1presta@gmail.com>  
Nicholas Sullivan <nicholas.sullivan@gmail.com>  
Nicholas Waples <nwaples@gmail.com>  
Nick Anthony <Liberatys@outlook.com>  
Nick Cooper <nmvc@google.com>

Nick Craig-Wood <nick@craig-wood.com> <nickcw@gmail.com>  
Nick Harper <nharper@google.com>  
Nick Kubala <nkubala@google.com>  
Nick Leli <nicholasleli@gmail.com>  
Nick Miyake <nmiyake@users.noreply.github.com>  
Nick Patavalis <nick.patavalis@gmail.com>  
Nick Petroni <npetroni@cs.umd.edu>  
Nick Robinson <nrobinson13@gmail.com>  
Nick Smolin <nick27surgut@gmail.com>  
Nicolas BRULEZ <n.brulez@gmail.com>  
Nicolas Kaiser <nikai@nikai.net>  
Nicolas Owens <mischief@offblast.org>  
Nicolas S. Dade <nic.dade@gmail.com>  
Niek Sanders <niek.sanders@gmail.com>  
Niels Widger <niels.widger@gmail.com>  
Nigel Kerr <nigel.kerr@gmail.com>  
Nigel Tao <nigeltao@golang.org>  
Nik Nyby <nnyby@columbia.edu>  
Nikhil Benesch <nikhil.benesch@gmail.com>  
Nikita Kryuchkov <nkryuchkov10@gmail.com>  
Nikita Vanyasin <nikita.vanyasin@gmail.com>  
Niklas Schnelle <niklas.schnelle@gmail.com>  
Niko Dziemba <niko@dziemba.com>  
Nikolay Turpitko <nikolay@turpitko.com>  
Nils Larsgrd <nilsmagnus@gmail.com>  
Nir Soffer <nirsof@gmail.com>  
Niranjan Godbole <niranjan8192@gmail.com>  
Nishanth Shanmugham <nishanth.gerrard@gmail.com>  
Noah Campbell <noahcampbell@gmail.com>  
Noble Johnson <noblepoly@gmail.com>  
Nodir Turakulov <nodir@google.com>  
Noel Georgi <git@frezbo.com>  
Norberto Lopes <nlopes.ml@gmail.com>  
Norman B. Lancaster <qbradq@gmail.com>  
Nuno Cruces <ncruces@users.noreply.github.com>  
Odin Ugedal <odin@ugedal.com>  
Oleg Bulatov <dmage@yandex-team.ru>  
Oleg Vakheta <helginet@gmail.com>  
Oleku Konko <oleku.konko@gmail.com>  
Oling Cat <olingcat@gmail.com>  
Oliver Hookins <ohookins@gmail.com>  
Oliver Powell <oliverpowell84@gmail.com>  
Oliver Stenbom <ostenbom@pivotal.io>  
Oliver Tonnhofer <olt@bogosoftware.com>  
Olivier Antoine <olivier.antoine@gmail.com>  
Olivier Duperray <duperray.olivier@gmail.com>  
Olivier Poitrey <rs@dailymotion.com>  
Olivier Saingre <osaingre@gmail.com>

Omar Jarjur <ojarjur@google.com>  
Oryan Moshe <iamoryanmoshe@gmail.com>  
Osamu TONOMORI <osamingo@gmail.com>  
zgr Kesim <oec-go@kesim.org>  
Pablo Lalloni <plalloni@gmail.com>  
Pablo Rozas Larraondo <pablo.larraondo@anu.edu.au>  
Pablo Santiago Blum de Aguiar <scorplus@gmail.com>  
Padraig Kitterick <padraigkitterick@gmail.com>  
Pallat Anchaleechamaikorn <yod.pallat@gmail.com>  
Panos Georgiadis <pgeorgiadis@suse.de>  
Pantelis Sampaziotis <psampaz@gmail.com>  
Paolo Giarrusso <p.giarrusso@gmail.com>  
Paolo Martini <mrtnpaolo@gmail.com>  
Parker Moore <parkrmoore@gmail.com>  
Parminder Singh <parmsingh101@gmail.com>  
Pascal Dierich <pascal@pascaldierich.com>  
Pascal S. de Kloe <pascal@quies.net>  
Pat Moroney <pat@pat.email>  
Patrick Barker <barkerp@vmware.com>  
Patrick Crosby <patrick@stathat.com>  
Patrick Gavlin <pgavlin@gmail.com>  
Patrick Higgins <patrick.allen.higgins@gmail.com>  
Patrick Lee <pattyshack101@gmail.com>  
Patrick Mzard <patrick@mezard.eu>  
Patrick Mylund Nielsen <patrick@patrickmn.com>  
Patrick Pelletier <pp.pelletier@gmail.com>  
Patrick Riley <pfr@google.com>  
Patrick Smith <pat42smith@gmail.com>  
Patrik Lundin <patrik@sigterm.se>  
Paul A Querna <paul.querna@gmail.com>  
Paul Borman <borman@google.com>  
Paul Boyd <boyd.paul2@gmail.com>  
Paul Chang <paulchang@google.com>  
Paul Hammond <paul@paulhammond.org>  
Paul Hankin <paulhankin@google.com>  
Paul Jolly <paul@myitcv.org.uk>  
Paul Lalonde <paul.a.lalonde@gmail.com>  
Paul M Furley <paul@paulfurley.com>  
Paul Marks <pmarks@google.com>  
Paul Meyer <paul.meyer@microsoft.com>  
Paul Nasrat <pnasrat@google.com>  
Paul PISCUC <paul.piscuc@gmail.com>  
Paul Querna <pquerna@apache.org>  
Paul Rosania <paul.rosania@gmail.com>  
Paul Ruest <pruest@gmail.com>  
Paul Sbarra <Sbarra.Paul@gmail.com>  
Paul Smith <paulsmith@pobox.com> <paulsmith@gmail.com>  
Paul Tyng <paul@paultyng.net>

Paul van Brouwershaven <paul@vanbrouwershaven.com>  
Paul Wankadia <junyer@google.com>  
Paulo Casaretto <pcasaretto@gmail.com>  
Paulo Flabiano Smorigo <pfsmorigo@linux.vnet.ibm.com>  
Paulo Gomes <paulo.gomes.uk@gmail.com>  
Pavel Paulau <pavel.paulau@gmail.com>  
Pavel Zinovkin <pavel.zinovkin@gmail.com>  
Pavlo Sumkin <ymkins@gmail.com>  
Pawel Knap <pawelknap88@gmail.com>  
Pawel Szczur <filemon@google.com>  
Percy Wegmann <ox.to.a.cart@gmail.com>  
Perry Abbott <perry.j.abbott@gmail.com>  
Petar Maymoukov <petarm@gmail.com>  
Peter Armitage <peter.armitage@gmail.com>  
Peter Bourgon <peter@bourgon.org>  
Peter Collingbourne <pcc@google.com>  
Peter Conerly <pconerly@gmail.com>  
Peter Dotchev <dotchev@gmail.com>  
Peter Froehlich <peter.hans.froehlich@gmail.com>  
Peter Gonda <pgonda@google.com>  
Peter Hoyes <pahoyes@gmail.com>  
Peter Kleiweg <pkleiweg@xs4all.nl>  
Peter McKenzie <petermck@google.com>  
Peter Moody <pmoody@uber.com>  
Peter Morjan <pmorjan@gmail.com>  
Peter Mundy <go.peter.90@gmail.com>  
Peter Nguyen <peter@mictis.com>  
Pter Surnyi <speter.go1@gmail.com>  
Pter Szab <pts@google.com>  
Pter Szilgyi <peterke@gmail.com>  
Peter Teichman <pteichman@fastly.com>  
Peter Tseng <ptseng@squareup.com>  
Peter Waldschmidt <peter@waldschmidt.com>  
Peter Waller <peter.waller@gmail.com>  
Peter Weinberger <pjw@golang.org>  
Peter Williams <pwil3058@gmail.com>  
Peter Wu <pwu@cloudflare.com>  
Peter Zhang <i@ddatsh.com>  
Petr Jedin <petr.jediny@gmail.com>  
Petrica Voicu <pvoicu@paypal.com>  
Phil Pearl <philip.j.r.pearl@gmail.com>  
Phil Pennock <pdp@golang.org>  
Philip Brgesen <philip.brgesen@gmail.com>  
Philip Brown <phil@bolthole.com>  
Philip Hofer <phofer@umich.edu>  
Philip K. Warren <pkwarren@gmail.com>  
Philip Nelson <me@pnelson.ca>  
Philipp Stephani <phst@google.com>

Pierre Durand <pierredurand@gmail.com>  
Pierre Prinetti <pierreprinetti@gmail.com>  
Pierre Roullon <pierre.roullon@gmail.com>  
Piers <google@hellopiers.pro>  
Pieter Droogendijk <pieter@binky.org.uk>  
Pietro Gagliardi <pietro10@mac.com>  
Piyush Mishra <piyush@codeitout.com>  
Plekhanov Maxim <kishtatix@gmail.com>  
Pontus Leitzler <leitzler@gmail.com>  
Prasanna Swaminathan <prasanna@mediamath.com>  
Prashant Agrawal <prashant.a.vjti@gmail.com>  
Prashant Varanasi <prashant@prashantv.com>  
Pravendra Singh <hackpravj@gmail.com>  
Preetam Jinka <pj@preet.am>  
Pure White <wu.purewhite@gmail.com>  
Qais Patankar <qaisjp@gmail.com>  
Qiuxuan Zhu <ilsh1022@gmail.com>  
Quan Tran <qeed.quan@gmail.com>  
Quan Yong Zhai <qyzhai@gmail.com>  
Quentin Perez <qperez@ocs.online.net>  
Quentin Renard <contact@asticode.com>  
Quentin Smith <quentin@golang.org>  
Quinn Slack <sq@sourcegraph.com>  
Quinten Yearsley <qyearsley@chromium.org>  
Quoc-Viet Nguyen <afelion@gmail.com>  
Radek Sohlich <sohlich@gmail.com>  
Radu Berinde <radu@cockroachlabs.com>  
Rafal Jeczalik <rjeczalik@gmail.com>  
Raghavendra Nagaraj <jamdagni86@gmail.com>  
Rahul Chaudhry <rahulchaudhry@chromium.org>  
Raif S. Naffah <go@naffah-raif.name>  
Rajat Goel <rajat.goel2010@gmail.com>  
Rajath Agasthya <rajathagasthya@gmail.com>  
Rajender Reddy Kompally <rajenderreddykompally@gmail.com>  
Ralph Corderoy <ralph@inputplus.co.uk>  
Ramazan AYYILDIZ <rayyildiz@gmail.com>  
Ramesh Dharan <dharan@google.com>  
Raph Levien <raph@google.com>  
Raphael Geronimi <raphael.geronimi@gmail.com>  
Raul Silvera <rsilvera@google.com>  
Ravil Bikbulatov <weeellz12@gmail.com>  
RaviTeja Pothana <ravi.tezu@gmail.com>  
Ray Tung <rtung@thoughtworks.com>  
Raymond Kazlauskas <raima220@gmail.com>  
Rebecca Stambler <rstambler@golang.org>  
Reilly Watson <reillywatson@gmail.com>  
Reinaldo de Souza Jr <juniorz@gmail.com>  
Remi Gillig <remigillig@gmail.com>



Rmy Oudompheng <oudomphe@phare.normalesup.org> <remyoudompheng@gmail.com>  
Rens Rikkerink <Ikkerens@users.noreply.github.com>  
Rhys Hiltner <rhys@justin.tv>  
Ricardo Padilha <ricardospadilha@gmail.com>  
Ricardo Seriani <ricardo.seriani@gmail.com>  
Richard Barnes <rlb@ipv.sx>  
Richard Crowley <r@rcrowley.org>  
Richard Dingwall <rdingwall@gmail.com>  
Richard Eric Gavaletz <gavaletz@gmail.com>  
Richard Gibson <richard.gibson@gmail.com>  
Richard Miller <miller.research@gmail.com>  
Richard Musiol <mail@richard-musiol.de> <neelance@gmail.com>  
Rick Arnold <rickarnoldjr@gmail.com>  
Rick Hudson <rlh@golang.org>  
Rick Sayre <whorfin@gmail.com>  
Rijnard van Tonder <rvantonder@gmail.com>  
Riku Voipio <riku.voipio@linaro.org>  
Risto Jaakko Saarelmä <rsaarelm@gmail.com>  
Rob Earhart <earhart@google.com>  
Rob Findley <rfindley@google.com>  
Rob Norman <rob.norman@infinitycloud.com>  
Rob Phoenix <rob@robphoenix.com>  
Rob Pike <r@golang.org>  
Robert Ayrapetyan <robert.ayrapetyan@gmail.com>  
Robert Daniel Kortschak <dan.kortschak@adelaide.edu.au> <dan@kortschak.io>  
Robert Dinu <r@varp.se>  
Robert Figueiredo <robfig@gmail.com>  
Robert Griesemer <gri@golang.org>  
Robert Hencke <robert.hencke@gmail.com>  
Robert Iannucci <iannucci@google.com>  
Robert Obryk <robryk@gmail.com>  
Robert Seseek <rseseek@google.com>  
Robert Snedegar <roberts@google.com>  
Robert Stepanek <robert.stepanek@gmail.com>  
Robert van Gent <rvangent@google.com>  
Robert-Andr Mauchin <zebob.m@gmail.com>  
Roberto Clapis <robclap8@gmail.com>  
Roberto Selbach <roberto@selbach.ca>  
Robin Eklind <r.eklind.87@gmail.com>  
Robin Zhong <robin@robinzhong.co>  
Rodolfo Carvalho <rhcavalho@gmail.com>  
Rodolfo Rodriguez <rodolfobgibson@gmail.com>  
Rodrigo Moraes de Oliveira <rodrigo.moraes@gmail.com>  
Rodrigo Rafael Monti Kochenburger <divoxx@gmail.com>  
Roger Pau Monn <royger@gmail.com>  
Roger Peppe <rogpeppe@gmail.com>  
Rohan Challa <rohan@golang.org>  
Rohan Verma <rohanverma2004@gmail.com>

Roland Illig <roland.illig@gmx.de>  
Roland Shoemaker <rolandshoemaker@gmail.com>  
Romain Bague <romain.bague@elwinar.com>  
Roman Budnikov <romanyx90@yandex.ru>  
Roman Kollr <roman.kollar.0@gmail.com>  
Roman Shchekin <mrqtros@gmail.com>  
Ron Hashimoto <mail@h2so5.net>  
Ron Minnich <rminnich@gmail.com>  
Ross Chater <rdchater@gmail.com>  
Ross Light <light@google.com> <rlight2@gmail.com>  
Ross Smith II <ross@smithii.com>  
Rowan Marshall <rowanajmarshall@gmail.com>  
Rowan Worth <sqweek@gmail.com>  
Rudi Kramer <rudi.kramer@gmail.com>  
Rui Ueyama <ruiui@google.com>  
Ruixin Bao <ruixin.bao@ibm.com>  
Ruslan Nigmatullin <elessar@dropbox.com>  
Russ Cox <rsc@golang.org>  
Russell Haering <russellhaering@gmail.com>  
Ryan Bagwell <ryanbagwell@outlook.com>  
Ryan Barrett <ryanb@google.com>  
Ryan Boehning <ryan.boehning@apcera.com>  
Ryan Brown <ribrd@b@gmail.com>  
Ryan Canty <jrcanty@gmail.com>  
Ryan Dahl <ry@tinyclouds.org>  
Ryan Hitchman <hitchmanr@gmail.com>  
Ryan Lower <rpjlower@gmail.com>  
Ryan Roden-Corrent <ryan@rcorre.net>  
Ryan Seys <ryan@ryanseys.com>  
Ryan Slade <ryanslade@gmail.com>  
Ryan Zhang <ryan.zhang@docker.com>  
Ryoichi KATO <ryo1kato@gmail.com>  
Ryuji Iwata <qt.luigi@gmail.com>  
Ryuma Yoshida <ryuma.y1117@gmail.com>  
Ryuzo Yamamoto <ryuzo.yamamoto@gmail.com>  
S.alar Onur <caglar@10ur.org>  
Sabin Mihai Rapan <sabin.rapan@gmail.com>  
Sad Pencil <qh06@qq.com>  
Sai Cheemalapati <saicheems@google.com>  
Sakeven Jiang <jc5930@sina.cn>  
Salmn Aljammz <s@0x65.net>  
Sam Arnold <sarnold64@bloomberg.net>  
Sam Boyer <tech@samboyer.org>  
Sam Ding <samding@ca.ibm.com>  
Sam Hug <samuel.b.hug@gmail.com>  
Sam Thorogood <thorogood@google.com> <sam.thorogood@gmail.com>  
Sam Whited <sam@samwhited.com>  
Sameer Ajmani <sameer@golang.org> <ajmani@gmail.com>

Sami Commerot <samic@google.com>  
Sami Pnknen <sami.ponkanen@gmail.com>  
Samuel Kelemen <SCKelemen@users.noreply.github.com>  
Samuel Tan <samueltan@google.com>  
Samuele Pedroni <pedronis@lucediaruna.net>  
Sander van Harmelen <sander@vanharmelen.nl>  
Sanjay Menakuru <balasanjay@gmail.com>  
Santhosh Kumar Tekuri <santhosh.tekuri@gmail.com>  
Sarah Adams <shadams@google.com>  
Sardorbek Pulatov <sardorbek.pulatov@outlook.com>  
Sascha Brawer <sascha@brawer.ch>  
Sasha Lionheart <lionhearts@google.com>  
Sasha Sobol <sasha@scaledinference.com>  
Scott Barron <scott.barron@github.com>  
Scott Bell <scott@sctsm.com>  
Scott Crunkleton <crunk1@gmail.com>  
Scott Ferguson <scottwferg@gmail.com>  
Scott Lawrence <bytbox@gmail.com>  
Scott Mansfield <smansfield@netflix.com>  
Scott Ragan <ragansa@fb.com>  
Scott Schwartz <scotts@golang.org>  
Scott Van Woudenberg <scottvw@google.com>  
Sean Burford <sburford@google.com>  
Sean Chen <oohcode@gmail.com>  
Sean Chittenden <seanc@joyent.com>  
Sean Christopherson <sean.j.christopherson@intel.com>  
Sean Dolphin <Sean.Dolphin@kpcompass.com>  
Sean Harger <sharger@google.com>  
Sean Liao <seankhliao@gmail.com>  
Sean Rees <sean@erifax.org>  
Sebastiaan van Stijn <github@gone.nl>  
Sebastian Chlopecki <sebsebmc@gmail.com>  
Sebastian Kinne <skinne@google.com>  
Sebastian Schmidt <yath@google.com>  
Sebastien Binet <seb.binet@gmail.com>  
Sbastien Paolacci <sebastien.paolacci@gmail.com>  
Sebastien Williams-Wynn <sebastien@cytora.com>  
Segev Finer <segev208@gmail.com>  
Seiji Takahashi <timaki.st@gmail.com>  
Sergei Lemeshkin <sergeilem@gmail.com>  
Sergei Skorobogatov <skorobo@rambler.ru>  
Sergei Zagurskii <gvozdoder@gmail.com>  
Sergey 'Snake' Gromov <snake.scaly@gmail.com>  
Sergey Arseev <sergey.arseev@intel.com>  
Sergey Dobrodey <sergey.dobrodey@synesis.ru>  
Sergey Frolov <sfrolov@google.com>  
Sergey Ivanov <ser1325@gmail.com>  
Sergey Lukjanov <me@slukjanov.name>

Sergey Mishin <sergeymishine@gmail.com>  
Sergey Mudrik <sergey.mudrik@gmail.com>  
Sergey Semin <gray12511@gmail.com>  
Sergey Yanykin <syanykin@ozon.ru>  
Sergio Luis O. B. Correia <sergio@correia.cc>  
Sergiusz Bazanski <bazanski@gmail.com>  
Serhat Giydiren <serhatgydiren@gmail.com>  
Serhii Aheienko <serhii.aheienko@gmail.com>  
Seth Hoenig <seth.a.hoenig@gmail.com>  
Seth Vargo <sethvargo@gmail.com>  
Shahar Kohanim <skohanim@gmail.com>  
Shamil Garatuev <garatuev@gmail.com>  
Shane Hansen <shanemhansen@gmail.com>  
Shaozhen Ding <dsz0111@gmail.com>  
Shaun Dunning <shaun.dunning@uservoice.com>  
Shawn Elliott <selliot@microsoft.com>  
Shawn Ledbetter <sledbetter@google.com>  
Shawn Smith <shawn.p.smith@gmail.com>  
Shawn Walker-Salas <shawn.walker@oracle.com>  
Shenghou Ma <minux@golang.org> <minux.ma@gmail.com>  
Shengjing Zhu <zs950618@gmail.com>  
Shengyu Zhang <shengyu.zhang@chaitin.com>  
Shi Han Ng <shihanng@gmail.com>  
Shijie Hao <haormj@gmail.com>  
Shinji Tanaka <shinji.tanaka@gmail.com>  
Shintaro Kaneko <kaneshin0120@gmail.com>  
Shivakumar GN <shivakumar.gn@gmail.com>  
Shivani Singhal <shivani.singhal2804@gmail.com>  
Shivansh Rai <shivansh@freebsd.org>  
Shivashis Padhi <shivashispadhi@gmail.com>  
Shubham Sharma <shubham.sha12@gmail.com>  
Shun Fan <sfan@google.com>  
Silvan Jegen <s.jegen@gmail.com>  
Simarpreet Singh <simar@linux.com>  
Simon Ferquel <simon.ferquel@docker.com>  
Simon Jefford <simon.jefford@gmail.com>  
Simon Rawet <simon@rawet.se>  
Simon Rozman <simon@rozman.si>  
Simon Thulbourn <simon+github@thulbourn.com>  
Simon Whitehead <chemnova@gmail.com>  
Sina Siadat <siadat@gmail.com>  
Sjoerd Siebinga <sjoerd.siebinga@gmail.com>  
Sokolov Yura <funny.falcon@gmail.com>  
Song Gao <song@gao.io>  
Spencer Kocot <spencerkocot@gmail.com>  
Spencer Nelson <s@spenczar.com>  
Spencer Tung <spencertung@google.com>  
Spring Mc <heresy.mc@gmail.com>

Srdjan Petrovic <spetrovic@google.com>  
Sridhar Venkatakrishnan <sridhar@laddoo.net>  
Srinidhi Kaushik <shrinidhi.kaushik@gmail.com>  
StalkR <stalkr@stalkr.net>  
Stan Schwertly <stan@schwertly.com>  
Stanislav Afanasev <php.progger@gmail.com>  
Steeve Morin <steeve.morin@gmail.com>  
Stefan Baebler <sbaebler@outbrain.com>  
Stefan Nilsson <snilsson@nada.kth.se> <trolleriprofessorn@gmail.com>  
Stepan Shabalin <neverliberty@gmail.com>  
Stephan Renatus <srenatus@chef.io>  
Stephan Zuercher <zuercher@gmail.com>  
Stphane Travostino <stephane.travostino@gmail.com>  
Stephen Lewis <stephen@sock.org.uk>  
Stephen Lu <steuhs@users.noreply.github.com>  
Stephen Ma <stephenm@golang.org>  
Stephen McQuay <stephen@mcquay.me>  
Stephen Searles <stephens2424@gmail.com>  
Stephen Weinberg <stephen@q5comm.com>  
Steve Francia <spf@golang.org>  
Steve Gilbert <stevegilbert23@gmail.com>  
Steve LoFurno <slofurno@gmail.com>  
Steve McCoy <mccoyst@gmail.com>  
Steve Mynott <steve.mynott@gmail.com>  
Steve Newman <snewman@google.com>  
Steve Phillips <elimisteve@gmail.com>  
Steve Streeting <steve@stevestreeting.com>  
Steven Buss <sbuss@google.com>  
Steven Elliot Harris <seharris@gmail.com>  
Steven Erenst <stevenerenst@gmail.com>  
Steven Hartland <steven.hartland@multiplay.co.uk>  
Steven Littiebrant <imgroxx@gmail.com>  
Steven Wilkin <stevenwilkin@gmail.com>  
Stuart Jansen <sjansen@buscaluz.org>  
Sue Spence <virtuallysue@gmail.com>  
Sugu Sougoumarane <ssougou@gmail.com>  
Suharsh Sivakumar <suharshs@google.com>  
Sukrit Handa <sukrit.handa@utoronto.ca>  
Sunny <me@darkowlzz.space>  
Suriyaa Sundararuban <suriyaasundararuban@gmail.com>  
Suyash <dextrous93@gmail.com>  
Suzy Mueller <suzmue@golang.org>  
Sven Almgren <sven@tras.se>  
Sven Blumenstein <svbl@google.com>  
Sven Taute <sven.taute@gmail.com>  
Sylvain Zimmer <sylvain@sylvainzimmer.com>  
Syohei YOSHIDA <syohex@gmail.com>  
Szabolcs Nagy <nsz@port70.net>

Taavi Kivisik <taavi.kivisik@gmail.com>  
Tad Fisher <tadfisher@gmail.com>  
Tad Glines <tad.glines@gmail.com>  
Tadas Valiukas <tadovas@gmail.com>  
Taesu Pyo <pyotaesu@gmail.com>  
Tai Le <letientai299@gmail.com>  
Taj Khattra <taj.khattra@gmail.com>  
Takashi Matsuo <tmatsuo@google.com>  
Takayoshi Nishida <takayoshi.nishida@gmail.com>  
Takeshi YAMANASHI <9.nashi@gmail.com>  
Takuto Ikuta <tikuta@google.com>  
Takuya Ueda <uedatakuya@gmail.com>  
Tal Shprecher <tshprecher@gmail.com>  
Tamir Duberstein <tamird@gmail.com>  
Tao Qingyun <qingyunha@gmail.com>  
Tao Shen <shentaoskyking@gmail.com>  
Tao Wang <twang2218@gmail.com>  
Tarmigan Casebolt <tarmigan@gmail.com>  
Taro Aoki <aizu.s1230022@gmail.com>  
Taru Karttunen <taruti@taruti.net>  
Tatsuhiko Tsujikawa <tatsuhiko.t@gmail.com>  
Tatsuya Kaneko <m.ddotx.f@gmail.com>  
Taufiq Rahman <taufiqrx8@gmail.com>  
Teague Cole <tnc1443@gmail.com>  
Ted Kornish <golang@tedkornish.com>  
Tejasvi Nareddy <tejunareddy@gmail.com>  
Terin Stock <terinjokes@gmail.com>  
Terrel Shumway <gopher@shumway.us>  
Tetsuo Kiso <tetsuokiso9@gmail.com>  
Than McIntosh <thanm@google.com>  
Thanabodee Charoenpiriyakij <wingyminus@gmail.com>  
Thanatat Tamtan <acoshift@gmail.com>  
Thiago Avelino <t@avelino.xxx>  
Thiago Fransosi Farina <thiago.farina@gmail.com> <tfarina@chromium.org>  
Thomas Alan Copeland <talan.copeland@gmail.com>  
Thomas Bonfort <thomas.bonfort@gmail.com>  
Thomas Bouldin <inlined@google.com>  
Thomas Bruyelle <thomas.bruyelle@gmail.com>  
Thomas Bushnell, BSG <tbushnell@google.com>  
Thomas de Zeeuw <thomasdezeeuw@gmail.com>  
Thomas Desrosiers <thomasdesr@gmail.com>  
Thomas Habets <habets@google.com>  
Thomas Kappler <tkappler@gmail.com>  
Thomas Meson <zllak@hycik.org>  
Thomas Symborski <thomas.symborski@gmail.com>  
Thomas Wanielista <tomwans@gmail.com>  
Thorben Krueger <thorben.krueger@gmail.com>  
Thordur Bjornsson <thorduri@secnorth.net>

Tiago Queiroz <contato@tiago.eti.br>  
Tianji Wu <the729@gmail.com>  
Tianon Gravi <admwiggin@gmail.com>  
Tilman Dilo <tilman.dilo@gmail.com>  
Tim Cooijmans <timcooijmans@gmail.com>  
Tim Cooper <tim.cooper@layeh.com>  
Tim Ebringer <tim.ebringer@gmail.com>  
Tim Heckman <t@heckman.io>  
Tim Henderson <tim.tadh@gmail.com>  
Tim Hockin <thockin@google.com>  
Tim Swast <swast@google.com>  
Tim Wright <tenortim@gmail.com>  
Tim Xu <xiaoxubeii@gmail.com>  
Timo Savola <timo.savola@gmail.com>  
Timo Truys <alkaloid.btx@gmail.com>  
Timothy Studd <tim@timstudd.com>  
Tipp Moseley <tipp@google.com>  
Tobias Assarsson <tobias.assarsson@gmail.com>  
Tobias Columbus <tobias.columbus@gmail.com> <tobias.columbus@googlemail.com>  
Tobias Klauser <tklauser@distanz.ch>  
Toby Burrell <kurin@google.com>  
Todd Kulesza <tkulesza@google.com>  
Todd Neal <todd@tneal.org>  
Todd Wang <toddwang@gmail.com>  
Tom Anthony <git@tomanthony.co.uk>  
Tom Bergan <tombergan@google.com>  
Tom Heng <zhm20070928@gmail.com>  
Tom Lanyon <tomlanyon@google.com>  
Tom Levy <tomlevy93@gmail.com>  
Tom Limoncelli <tal@whatexit.org>  
Tom Linfoord <tomlinfoord@gmail.com>  
Tom Payne <twpayne@gmail.com>  
Tom Szymanski <tgs@google.com>  
Tom Thorogood <me+google@tomthorogood.co.uk>  
Tom Wilkie <tom@weave.works>  
Tomas Dabasinskas <tomas@dabasinskas.net>  
Tommy Schaefer <tommy.schaefer@teecom.com>  
Tomohiro Kusumoto <zabio1192@gmail.com>  
Tomoya Ishizaki <zaq1tomo@gmail.com>  
Tonis Tiigi <tonistiigi@gmail.com>  
Tony Reix <tony.reix@bull.net>  
Tony Walker <walkert.uk@gmail.com>  
Tooru Takahashi <tooru.takahashi134@gmail.com>  
Tor Andersson <tor.andersson@gmail.com>  
Tormod Erevik Lea <tormodlea@gmail.com>  
Toshihiro Shiino <shiino.toshihiro@gmail.com>  
Toshiki Shima <hayabusa1419@gmail.com>  
Totoro W <tw19881113@gmail.com>

Travis Bischel <travis.bischel@gmail.com>  
Travis Cline <travis.cline@gmail.com>  
Trevor Strohman <trevor.strohman@gmail.com>  
Trey Lawrence <lawrence.trey@gmail.com>  
Trey Roessig <trey.roessig@gmail.com>  
Trey Tacon <ttacon@gmail.com>  
Tristan Amini <tamini01@ca.ibm.com>  
Tristan Colgate <tcolgate@gmail.com>  
Tristan Oohry <ooohry@gmail.com>  
Tristan Rice <rice@fn.lc>  
Troels Thomsen <troels@thomsen.io>  
Trung Nguyen <trung.n.k@gmail.com>  
Tudor Golubenco <tudor.g@gmail.com>  
Tugdual Saunier <tugdual.saunier@gmail.com>  
Tuo Shan <sturbo89@gmail.com> <shantuo@google.com>  
Tyler Bui-Palsulich <tpalsulich@google.com>  
Tyler Bunnell <tylerbunnell@gmail.com>  
Tyler Treat <ttreat31@gmail.com>  
Tzu-Jung Lee <roylee17@currant.com>  
Udalov Max <re.udalov@gmail.com>  
Ugorji Nwoke <ugorji@gmail.com>  
Ulf Holm Nielsen <doktor@dyregod.dk>  
Ulrich Kunitz <uli.kunitz@gmail.com>  
Umang Parmar <umangjparmar@gmail.com>  
Uriel Mangado <uriel@berlinblue.org>  
Urvil Patel <patelurvil38@gmail.com>  
Uttam C Pawar <uttam.c.pawar@intel.com>  
Vadim Grek <vadimprog@gmail.com>  
Vadim Vygonets <unixdj@gmail.com>  
Val Polouchkine <vpolouch@justin.tv>  
Valentin Vidic <vvidic@valentin-vidic.from.hr>  
Vega Garcia Luis Alfonso <vegacom@gmail.com>  
Venil Noronha <veniln@vmware.com>  
Veselkov Konstantin <kostozyb@gmail.com>  
Viacheslav Poturaev <vearutop@gmail.com>  
Victor Chudnovsky <vchudnov@google.com>  
Victor Vrantchan <vrancean+github@gmail.com>  
Vignesh Ramachandra <vickyramachandra@gmail.com>  
Vikas Kedia <vikask@google.com>  
Ville Skytt <ville.skytta@iki.fi>  
Vincent Ambo <tazjin@googlemail.com>  
Vincent Batts <vbatts@hashbangbash.com> <vbatts@gmail.com>  
Vincent Vanackere <vincent.vanackere@gmail.com>  
Vinu Rajashekhar <vinutheraj@gmail.com>  
Vish Subramanian <vish@google.com>  
Vishvananda Ishaya <vishvananda@gmail.com>  
Visweswara R <r.visweswara@gmail.com>  
Vitaly Zdanevich <zdanevich.vitaly@ya.ru>



Vitor De Mario <vitordemario@gmail.com>  
Vivek Sekhar <vsekhar@google.com>  
Vlad Krasnov <vlad@cloudflare.com>  
Vladimir Evgrafov <evgrafov.vladimir@gmail.com>  
Vladimir Kovpak <cn007b@gmail.com>  
Vladimir Kuzmin <vkuzmin@uber.com>  
Vladimir Mihailenco <vladimir.webdev@gmail.com>  
Vladimir Nikishenko <vova616@gmail.com>  
Vladimir Stefanovic <vladimir.stefanovic@imgtec.com>  
Vladimir Varankin <nek.narqo@gmail.com>  
Vojtech Bocek <vbocek@gmail.com>  
Volker Dobler <dr.volker.dobler@gmail.com>  
Volodymyr Paprotski <vpaprots@ca.ibm.com>  
W. Trevor King <wking@tremily.us>  
Wade Simmons <wade@wades.im>  
Wagner Riffel <wgriffel@gmail.com>  
Walter Poupore <wpoupore@google.com>  
Wander Lairson Costa <wcosta@mozilla.com>  
Wang Xuerui <git@xen0n.name>  
Warren Fernandes <warren.f.fernandes@gmail.com>  
Wayne Ashley Berry <wayneashleyberry@gmail.com>  
Wedson Almeida Filho <wedsonaf@google.com>  
Weerasak Chongnguluam <singpor@gmail.com>  
Wi Cngru <crvv.mail@gmail.com>  
Wei Fu <fhfuwei@163.com>  
Wei Guangjing <vcc.163@gmail.com>  
Wei Xiao <wei.xiao@arm.com>  
Wei Xikai <xykwei@gmail.com>  
Weichao Tang <tevic.tt@gmail.com>  
Wembley G. Leach, Jr <wembley.gl@gmail.com>  
Wenlei (Frank) He <wlhe@google.com>  
Wenzel Lowe <lowewenzel@gmail.com>  
Wil Selwood <wselwood@gmail.com>  
Wilfried Teiken <wteiken@google.com>  
Will Beason <willbeason@gmail.com>  
Will Chan <willchan@google.com>  
Will Faught <will.faught@gmail.com>  
Will Morrow <wmorrow.qdt@qualcommdatacenter.com>  
Will Norris <willnorris@google.com>  
Will Storey <will@summercat.com>  
Willem van der Schyff <willemvds@gmail.com>  
William Chan <willchan@chromium.org>  
William Chang <mr.williamchang@gmail.com>  
William Josephson <wjosephson@gmail.com>  
William Orr <will@worrbase.com> <ay1244@gmail.com>  
William Poussier <william.poussier@gmail.com>  
Wisdom Omuya <deafgoat@gmail.com>  
Wu Yunzhou <yunzhouwu@gmail.com>

Xi Ruoyao <xry23333@gmail.com>  
Xia Bin <snyh@snyh.org>  
Xiangdong Ji <xiangdong.ji@arm.com>  
Xing Xing <mikespook@gmail.com>  
Xingqiang Bai <bxq2011hust@qq.com>  
Xu Fei <badgangkiller@gmail.com>  
Xudong Zhang <felixmelon@gmail.com>  
Xudong Zheng <7pkvm5aw@slicealias.com>  
Xuyang Kang <xuyangkang@gmail.com>  
Yamagishi Kazutoshi <ykzts@desire.sh>  
Yan Zou <yzou@google.com>  
Yang Tian <linuxty@gmail.com>  
Yann Hodique <yhodique@google.com>  
Yann Kerherv <yann.kerherve@gmail.com>  
Yann Salan <yannsalaun1@gmail.com>  
Yao Zhang <lunaria21@gmail.com>  
Yaron de Leeuw <jarondl@google.com>  
Yasha Bubnov <girokompas@gmail.com>  
Yasser Abdolmaleki <yasser@yasser.ca>  
Yasuharu Goto <matope.ono@gmail.com>  
Yasuhiro Matsumoto <mattn.jp@gmail.com>  
Yasuyuki Oka <yasuyk@gmail.com>  
Yazen Shunnar <yazen.shunnar@gmail.com>  
Yestin Sun <ylh@pdx.edu>  
Yesudeep Mangalapilly <yesudeep@google.com>  
Yissakhar Z. Beck <yissakhar.beck@gmail.com>  
Yo-An Lin <yoanlin93@gmail.com>  
Yohei Takeda <yo.tak0812@gmail.com>  
Yongjian Xu <i3dmaster@gmail.com>  
Yorman Arias <cixtords@gmail.com>  
Yoshiyuki Kanno <nekotaroh@gmail.com> <yoshiyuki.kanno@stoic.co.jp>  
Yoshiyuki Mineo <yoshiyuki.mineo@gmail.com>  
Yosuke Akatsuka <yosuke.akatsuka@gmail.com>  
Yu Heng Zhang <annita.zhang@cn.ibm.com>  
Yu Xuan Zhang <zyxsh@cn.ibm.com>  
Yuichi Nishiwaki <yuichi.nishiwaki@gmail.com>  
Yuji Yaginuma <yuuji.yaginuma@gmail.com>  
Yuki OKUSHI <huyuumi.dev@gmail.com>  
Yuki Yogui Sonoda <yugui@google.com>  
Yukihiro Nishinaka <6elpinal@gmail.com>  
Yury Smolsky <yury@smolsky.by>  
Yusuke Kagiwada <block.rxckin.beats@gmail.com>  
Yuusei Kuwana <kuwana@kumama.org>  
Yuval Pavel Zholkover <paulzhol@gmail.com>  
Yves Junqueira <yvesj@google.com> <yves.junqueira@gmail.com>  
Zac Bergquist <zbergquist99@gmail.com>  
Zach Bintliff <zbintliff@gmail.com>  
Zach Gershman <zachgersh@gmail.com>

Zach Jones <zachj1@gmail.com>  
Zachary Amsden <zach@thundertoken.com>  
Zachary Gershman <zgershman@pivotal.io>  
Zak <zrjknill@gmail.com>  
Zakatell Kanda <hi@zkanda.io>  
Zellyn Hunter <zellyn@squareup.com> <zellyn@gmail.com>  
Zev Goldstein <zev.goldstein@gmail.com>  
Zheng Dayu <davidzheng23@gmail.com>  
Zheng Xu <zheng.xu@arm.com>  
Zhengyu He <hzy@google.com>  
Zhongpeng Lin <zplin@uber.com>  
Zhongtao Chen <chenzhongtao@126.com>  
Zhongwei Yao <zhongwei.yao@arm.com>  
Zhou Peng <p@ctruple.cn>  
Ziad Hatahet <hatahet@gmail.com>  
Ziheng Liu <lzhfromustc@gmail.com>  
Zorion Arrizabalaga <zorionk@gmail.com>  
<a.maksadbek@gmail.com>  
<max.faceless.frei@gmail.com>  
<hagen1778@gmail.com>  
<tbunyk@gmail.com>  
<faxriddinjon@gmail.com>  
<zs349596@gmail.com>  
<bronze1man@gmail.com>  
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# Name <email address>  
Raul Silvera <rsilvera@google.com>  
Tipp Moseley <tipp@google.com>  
Hyoun Kyu Cho <netforce@google.com>  
Martin Spier <spiermar@gmail.com>  
Taco de Wolff <tacodewolff@gmail.com>  
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## 1.78 rainycapc-unidecode 0.0.0- 20150907023854-cb7f23ec59be

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# 1.79 pythonurllib 1.25.8 2ubuntu0.1

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```
# Contributions to the urllib3 project
```

```
## Creator & Maintainer
```

```
* Andrey Petrov <andrey.petrov@shazow.net>
```

```
## Contributors
```

In chronological order:

```
* victor.vde <http://code.google.com/u/victor.vde/>
```



- \* HTTPS patch (which inspired HTTPSConnectionPool)
- \* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
- \* niphlod <niphlod@gmail.com>
- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers
- \* btoconnor <brian@btoconnor.net>
- \* Non-multipart encoding for POST requests
- \* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>
- \* Code review, PEP8 compliance, benchmark fix
- \* kennethreitz <me@kennethreitz.com>
- \* Bugfixes, suggestions, Requests integration
- \* georgemarshall <<https://github.com/georgemarshall>>
- \* Bugfixes, Improvements and Test coverage
- \* Thomas Kluyver <thomas@kluyver.me.uk>
- \* Python 3 support
- \* brandon-rhodes <<http://rhodesmill.org/brandon>>
- \* Design review, bugfixes, test coverage.
- \* studer <theo.studer@gmail.com>
- \* IPv6 url support and test coverage
- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
- \* Support for explicitly closing pooled connections
- \* hartator <hartator@gmail.com>
- \* Corrected multipart behavior for params
- \* Thomas Weischuh <thomas@t-8ch.de>
- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
- \* Marc Schlaich <marc.schlaich@gmail.com>

- \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
  - \* Correct six.moves conflict
  - \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
  - \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<https://lukasa.co.uk/about/>>
  - \* Stream method for Response objects.
  - \* Return native strings in header values.
  - \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
  - \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  - \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  - \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
  - \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
  - \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  - \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
  - \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
  - \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <<https://dbrgn.ch/>>
  - \* Disabled TLS compression by default on Python 3.2+
  - \* Disabled TLS compression in pyopenssl contrib module
  - \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  - \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
  - \* Use the platform-specific CA certificate locations

- \* Josh Schneier <<https://github.com/jschneier>>
  - \* HTTPHeaderDict and associated tests and docs
  - \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <<http://tahia.tk/>>
  - \* Added Timeout examples in docs
  
- \* Arthur Grunseid <<https://grunseid.com>>
  - \* source\_address support and tests (with <https://github.com/bui>)
  
- \* Ian Cordasco <[graffatcolmingov@gmail.com](mailto:graffatcolmingov@gmail.com)>
  - \* PEP8 Compliance and Linting
  - \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <[erik.tollerud@gmail.com](mailto:erik.tollerud@gmail.com)>
  - \* Support for standard library io module.
  
- \* Krishna Prasad <[kprasad.iitd@gmail.com](mailto:kprasad.iitd@gmail.com)>
  - \* Google App Engine documentation
  
- \* Aaron Meurer <[asmeurer@gmail.com](mailto:asmeurer@gmail.com)>
  - \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <[abacabadabacaba@gmail.com](mailto:abacabadabacaba@gmail.com)>
  - \* Bugfixes
  
- \* Benjamin Meyer <[bm\\_witness@yahoo.com](mailto:bm_witness@yahoo.com)>
  - \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <[github@sornars.com](mailto:github@sornars.com)>
  - \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <[alex.gaynor@gmail.com](mailto:alex.gaynor@gmail.com)>
  - \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <[ttomecek@redhat.com](mailto:ttomecek@redhat.com)>
  - \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <<https://github.com/tlynn>>
  - \* Respect the warning preferences at import.
  
- \* David D. Riddle <[ddriddle@illinois.edu](mailto:ddriddle@illinois.edu)>
  - \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <[magicalgirl@google.com](mailto:magicalgirl@google.com)>
  - \* App Engine environment tests.
  - \* Documentation re-write.

- \* John Krauss <<https://github.com/talos>>
  - \* Clues to debugging problems with `cryptography` dependency in docs
- \* Disassem <<https://github.com/Disassem>>
  - \* Fix pool-default headers not applying for url-encoded requests like GET.
- \* James Atherfold <[jlatherfold@hotmail.com](mailto:jlatherfold@hotmail.com)>
  - \* Bugfixes relating to cleanup of connections during errors.
- \* Christian Pedersen <<https://github.com/chripede>>
  - \* IPv6 HTTPS proxy bugfix
- \* Jordan Moldow <<https://github.com/jmoldow>>
  - \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
  - \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
  - \* Creation of ``HTTPConnectionPool.ResponseCls``.
- \* Predrag Gruevski <<https://github.com/obi1kenobi>>
  - \* Made cert digest comparison use a constant-time algorithm.
- \* Adam Talsma <<https://github.com/a-tal>>
  - \* Bugfix to ca\_cert file paths.
- \* Evan Meagher <<https://evanmeagher.net>>
  - \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
- \* John Vandenberg <[jayvdb@gmail.com](mailto:jayvdb@gmail.com)>
  - \* Python 2.6 fixes; pyflakes and pep8 compliance
- \* Andy Caldwell <[andy.m.caldwell@gmail.com](mailto:andy.m.caldwell@gmail.com)>
  - \* Bugfix related to reusing connections in indeterminate states.
- \* Ville Skytt <[ville.skytta@iki.fi](mailto:ville.skytta@iki.fi)>
  - \* Logging efficiency improvements, spelling fixes, Travis config.
- \* Shige Takeda <[smtakeda@gmail.com](mailto:smtakeda@gmail.com)>
  - \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
- \* Jess Shapiro <[jesse@jesseshapiro.net](mailto:jesse@jesseshapiro.net)>
  - \* Various character-encoding fixes/tweaks
  - \* Disabling IPv6 DNS when IPv6 connections not supported
- \* David Foster <<http://dafoster.net/>>
  - \* Ensure order of request and response headers are preserved.
- \* Jeremy Cline <[jeremy@jcline.org](mailto:jeremy@jcline.org)>
  - \* Added connection pool keys by scheme

- \* Aviv Palivoda <palaviv@gmail.com>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <nate.prewitt@gmail.com>
- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <sethmichaellarson@protonmail.com>
- \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <alex.dias@smarkets.com>
- \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
- \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
- \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite

- \* Will Bond <will@wbond.net>
  - \* Add Python 2.6 support to ``contrib.securetransport``
  
  - \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  - \* using auth info for socks proxy
  
  - \* Chris Wilcox <git@crwilcox.com>
  - \* Improve contribution guide
  - \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
  - \* Bruce Merry <https://www.brucemerry.org.za>
  - \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
  - \* Hugo van Kemenade <https://github.com/hugovk>
  - \* Drop support for EOL Python 2.6
  
  - \* Tim Bell <https://github.com/timb07>
  - \* Bugfix for responses with Content-Type: message/\* logging warnings
  
  - \* Justin Bramley <https://github.com/jbramleycl>
  - \* Add ability to handle multiple Content-Encodings
  
  - \* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
  - \* Remove Authorization header regardless of case when redirecting to cross-site
  
  - \* James Meickle <https://permadeath.com/>
  - \* Improve handling of Retry-After header
  
  - \* Chris Jerdonek <chris.jerdonek@gmail.com>
  - \* Remove a spurious TypeError from the exception chain inside  
HTTPConnectionPool.\_make\_request(), also for BaseExceptions.
  
  - \* [Your name or handle] <[email or website]>
  - \* [Brief summary of your changes]
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## 1.80 Iz4 3.1.0

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## 1.83 gogo-status 1.0.3

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# 1.84 gstreamer 1.16.2-2

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Upstream-Contact: Anibal Monsalve Salazar <[anibal@debian.org](mailto:anibal@debian.org)>

Source: <https://alioth.debian.org/projects/collab-maint/sensible-utils.git>

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Aaron L <aaron@bettercoder.net>  
Alan Shreve <alan@inconshreveable.com>  
Andy Walker <walkeraj@gmail.com>  
Andy Watson <andrewmoorewatson@gmail.com>  
Carl Veazey <Carl\_Veazey@cable.comcast.com>  
Chris Hines <github@cs-guy.com>  
Christoph Hack <christoph@tux21b.org>  
Ciaran Downey <me@ciarand.me>  
Dmitry Chestnykh <dmitry@codingrobots.com>  
Evan Shaw <edsrzf@gmail.com>  
Gonzalo Serrano <boikot@gmail.com>  
Jeremy <jrbudnack@starkandwayne.com>  
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Marc Abramowitz <marc@marc-abramowitz.com>  
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## 1.90 py3-lockfile 0.12.2-4.ph4

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jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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## 1.96 jsreport 3.0.1

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## 1.97 go-resiliency 1.2.0

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## 1.98 py3-distlib 0.3.3-r0

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived	Year	Owner	GPL-
	from			compatible? (1)

0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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3.1.2	3.1	2010	PSF	yes
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*  
*/  
  
/// If set, grpc is free to use the HTTP GET verb for sending the request,
```

Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc_root/include/grpcpp/impl/codegen/client_context.h  
No license file was found, but licenses were detected in source scan.
```

```

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 */

```

Found in path(s):

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/impl/codegen/completion_queue_tag.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/impl/codegen/method_handler_impl.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/impl/codegen/call_hook.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/impl/codegen/serialization_traits.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/impl/server_builder_plugin.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/impl/codegen/status_code_enum.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/alarm.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/security/auth_metadata_processor.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/impl/rpc_service_method.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpcpp/impl/codegen/interceptor_common.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
1.41.1/grpc_root/include/grpc++/impl/service_type.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

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1.41.1/grpc\_root/include/grpc++/create\_channel.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc++/impl/codegen/proto\_utils.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc++/impl/method\_handler\_impl.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc++/support/channel\_arguments.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc++/impl/codegen/grpc\_library.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc++/impl/codegen/core\_codegen\_interface.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc++/impl/codegen/string\_ref.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc++/server\_posix.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc++/channel.h  
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1.41.1/grpc\_root/include/grpcpp/impl/codegen/client\_interceptor.h  
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```
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1.41.1/third\_party/protobuf/src/google/protobuf/stubs/structurally\_valid\_unittest.cc  
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- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/map.h
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- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/compiler/command\_line\_interface.h
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- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/stubs/statusor.cc
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- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/map\_entry\_lite.h
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- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec\_helpers.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/compiler/plugin.cc
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/wire\_format\_unittest.cc
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/repeated\_field\_reflection\_unittest.cc
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/\_proto/google/protobuf/api.proto
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- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/util/internal/testdata/oneofs.proto
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third\_party/protobuf/src/google/protobuf/compiler/package\_info.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_helpers_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/ruby/ruby_generator_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/casts.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_generator_unittest.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/map_util.h
```

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```

Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_map_field.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/csharp/csharp_map_field.cc
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/compiler/objectivec/objectivec_map_field.cc
```

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```
/*
```

```
*
```

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```

```
*
```

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```

```
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```

```
*
```



1.41.1/third\_party/protobuf/src/google/protobuf/stubs/platform\_macros.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/third\_party/protobuf/src/google/protobuf/stubs/stringprintf\_unittest.cc  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/third\_party/protobuf/src/google/protobuf/stubs/stringprintf.cc  
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*  
*/
```

Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/src/compiler/cpp\_plugin.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/support/validate\_service\_config.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/security/cronet\_credentials.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/src/compiler/config\_protobuf.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/impl/codegen/server\_context.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/opencensus.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/impl/codegen/sync.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/impl/codegen/delegating\_channel.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/security/alts\_context.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/security/alts\_util.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-  
1.41.1/grpc\_root/include/grpcpp/impl/codegen/message\_allocator.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/test/default\_reactor\_test\_peer.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/message\_allocator.h  
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```

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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/sync\_abseil.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/sync\_abseil.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/test/channel\_test\_peer.h  
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```

\*  
\*/

Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/census.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/server\_builder.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/completion\_queue.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/grpc.h

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Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/event\_engine/slice\_allocator.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/test/simplest.proto  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/xds\_server\_builder.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/ext/admin\_services.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/main.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/event\_engine/port.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/test/simpler.proto  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/event\_engine/endpoint\_config.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/test/simple.proto  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/test/complicated.proto  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/security/authorization\_policy\_provider.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/test/flawed.proto  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/security/tls\_certificate\_provider.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/event\_engine/event\_engine.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/main.cc

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Metadata-Version: 1.1

Name: grpcio-tools

Version: 1.41.1

Summary: Protobuf code generator for gRPC

Home-page: <https://grpc.io>

Author: The gRPC Authors

Author-email: [grpc-io@googlegroups.com](mailto:grpc-io@googlegroups.com)

License: Apache License 2.0

Description: gRPC Python Tools

=====

Package for gRPC Python tools.

Supported Python Versions

-----

Python >= 3.6

Installation

-----

The gRPC Python tools package is available for Linux, Mac OS X, and Windows.

Installing From PyPI

~~~~~

If you are installing locally...

::

```
$ pip install grpcio-tools
```

Else system wide (on Ubuntu)...

::

```
$ sudo pip install grpcio-tools
```

If you're on Windows make sure that you installed the `pip.exe` component when you installed Python (if not go back and install it!) then invoke:

::

```
$ pip.exe install grpcio-tools
```

Windows users may need to invoke `pip.exe` from a command line ran as administrator.

n.b. On Windows and on Mac OS X one *must* have a recent release of `pip` to retrieve the proper wheel from PyPI. Be sure to upgrade to the latest version!

You might also need to install Cython to handle installation via the source distribution if gRPC Python's system coverage with wheels does not happen to include your system.

### Installing From Source

~~~~~

Building from source requires that you have the Python headers (usually a package named `python-dev`) and Cython installed. It further requires a GCC-like compiler to go smoothly; you can probably get it to work without GCC-like stuff, but you may end up having a bad time.

::

```
$ export REPO_ROOT=grpc # REPO_ROOT can be any directory of your choice
$ git clone -b RELEASE_TAG_HERE https://github.com/grpc/grpc $REPO_ROOT
$ cd $REPO_ROOT
$ git submodule update --init
```

```
$ cd tools/distrib/python/grpcio_tools
$ python ../make_grpcio_tools.py
```

```
# For the next command do `sudo pip install` if you get permission-denied errors
$ GRPC_PYTHON_BUILD_WITH_CYTHON=1 pip install .
```

You cannot currently install Python from source on Windows. Things might work out for you in MSYS2 (follow the Linux instructions), but it isn't officially supported at the moment.

### Troubleshooting

~~~~~

Help, I ...

```
* **... see a** pkg_resources.VersionConflict **when I try to install
grpc**
```

This is likely because `pip` doesn't own the offending dependency, which in turn is likely because your operating system's package manager owns it. You'll need to force the installation of the dependency:

```
:code:`pip install --ignore-installed $OFFENDING_DEPENDENCY`
```

For example, if you get an error like the following:

```
::
```

```
Traceback (most recent call last):
```

```
File "<string>", line 17, in <module>
```

```
...
```

```
File "/usr/lib/python2.7/dist-packages/pkg_resources.py", line 509, in find
```

```
    raise VersionConflict(dist, req)
```

```
pkg_resources.VersionConflict: (six 1.8.0 (/usr/lib/python2.7/dist-packages), Requirement.parse('six>=1.10'))
```

You can fix it by doing:

```
::
```

```
sudo pip install --ignore-installed six
```

**\*\*... see compiler errors on some platforms when either installing from source or from the source distribution\*\***

If you see

```
::
```

```
/tmp/pip-build-U8pSsr/cython/Cython/Plex/Scanners.c:4:20: fatal error: Python.h: No such file or directory
```

```
#include "Python.h"
```

```
^
```

```
compilation terminated.
```

You can fix it by installing `python-dev` package. i.e

```
::
```

```
sudo apt-get install python-dev
```

If you see something similar to:

```
::
```

```
third_party/protobuf/src/google/protobuf/stubs/mathlimits.h:173:31: note: in expansion of macro  
'SIGNED_INT_MAX'
```

```
    static const Type kPosMax = SIGNED_INT_MAX(Type); \\  
    ^
```

And your toolchain is GCC (at the time of this writing, up through at least GCC 6.0), this is probably a bug where GCC chokes on constant expressions



when the `-fwrapv` flag is specified. You should consider setting your environment with `CFLAGS=-fno-wrapv` or using clang (`CC=clang`).

## Usage

-----

Given protobuf include directories `$INCLUDE`, an output directory `$OUTPUT`, and proto files `$PROTO_FILES`, invoke as:

::

```
$ python -m grpc.tools.protoc -I$INCLUDE --python_out=$OUTPUT --grpc_python_out=$OUTPUT $PROTO_FILES
```

To use as a build step in distutils-based projects, you may use the provided command class in your `setup.py`:

::

```
setuptools.setup(
    # ...
    cmdclass={
        'build_proto_modules': grpc.tools.command.BuildPackageProtos,
    }
    # ...
)
```

Invocation of the command will walk the project tree and transpile every `.proto` file into a `._pb2.py` file in the same directory.

Note that this particular approach requires `grpcio-tools` to be installed on the machine before the setup script is invoked (i.e. no combination of `setup_requires` or `install_requires` will provide access to `grpc.tools.command.BuildPackageProtos` if it isn't already installed). One way to work around this can be found in our `grpcio-health-checking` package <<https://pypi.python.org/pypi/grpcio-health-checking>>\_:

::

```
class BuildPackageProtos(setuptools.Command):
    """Command to generate project *_pb2.py modules from proto files."""
    # ...
    def run(self):
        from grpc.tools import command
        command.build_package_protos(self.distribution.package_dir[""])
```

Now including `grpcio-tools` in `setup_requires` will provide the

command on-setup as desired.

For more information on command classes, consult ``distutils`` and ``setuptools`` documentation.

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 3

Classifier: License :: OSI Approved :: Apache Software License

Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/PKG-INFO  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpcio\_tools.egg-info/PKG-INFO

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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/health\_check\_service\_interface.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/resource\_quota.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/rpc\_service\_method.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/gpr\_types.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/node\_generator\_helpers.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/status\_code\_enum.h

- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/core\_codegen.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/compression\_types.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/server\_builder\_plugin.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/php\_generator.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/rpc\_service\_method.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/php\_generator\_helpers.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/gpr\_slice.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/node\_generator.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/create\_channel\_posix.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/test/server\_context\_test\_spouse.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/php\_plugin.cc
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/status.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/server\_posix.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/node\_generator.cc
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/connectivity\_state.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/grpc\_cronet.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/propagation\_bits.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/ext/health\_check\_service\_server\_builder\_option.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/grpc\_posix.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/grpc\_security\_constants.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/server\_initializer.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/php\_generator.cc
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/channel\_interface.h
- \* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/sync.h

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/config.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/grpc_library.h
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/template_util.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/mutex.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/third_party/protobuf/src/google/protobuf/stubs/template_util_unittest.cc
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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/async_unary_call.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
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1.41.1/grpc\_root/src/compiler/ruby\_generator\_string-inl.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/sync.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/log\_windows.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/csharp\_plugin.cc  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/atm.h  
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\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/compression.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/cpp\_generator.cc  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/time.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/objective\_c\_generator.cc  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/byte\_buffer.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/atm\_gcc\_sync.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/csharp\_generator.cc  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/server\_interface.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/slice.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/security/credentials.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/cpp\_plugin.cc  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-



1.41.1/grpc\_root/include/grpcpp/impl/codegen/security/auth\_context.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/method\_handler.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/objective\_c\_plugin.cc  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/async\_stream.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/create\_auth\_context.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/service\_type.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/completion\_queue.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/security/server\_credentials.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/client\_unary\_call.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/client\_unary\_call.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/config\_protobuf.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/objective\_c\_generator.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/status.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/interceptor.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/async\_unary\_call.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/config.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/generator\_helpers.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/python\_generator.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/channel\_arguments.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/byte\_buffer\_reader.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/port\_platform.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/log.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/core\_codegen\_interface.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/src/compiler/csharp\_generator.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

1.41.1/grpc\_root/src/compiler/ruby\_generator.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

1.41.1/grpc\_root/src/compiler/python\_plugin.cc

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Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

1.41.1/grpc\_root/include/grpcpp/test/client\_context\_test\_peer.h

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Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-

1.41.1/grpc\_root/include/grpcpp/impl/codegen/client\_callback.h

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/async_stream.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/server_callback.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/sync_stream.h
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpcpp/impl/codegen/server_callback_handlers.h
```

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*/
/** Signal that the call is cacheable. GRPC is free to use GET verb */
```

Found in path(s):

```
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/include/grpc/impl/codegen/grpc_types.h
```

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* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_tools/_protoc_compiler.pyx
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/_parallel_compile_patch.py
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc_root/src/compiler/BUILD
* /opt/cola/permits/1222770154_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-
```

1.41.1/grpc\_tools/command.py  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/test/protoc\_test.py  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/test/BUILD.bazel  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/setup.py  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/protoc\_lib\_deps.py  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/\_\_init\_\_.py  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_tools/protoc.py  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_version.py  
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*  
*/
```

Found in path(s):

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/sync\_custom.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/support/error\_details.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/support/sync\_custom.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/codegen/byte\_buffer.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/impl/codegen/fork.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/fork.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/impl/channel\_argument\_option.h

\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpc/load\_reporting.h  
\* /opt/cola/permits/1222770154\_1635764364.44/0/grpcio-tools-1-41-1-tar-gz/grpcio-tools-1.41.1/grpc\_root/include/grpcpp/test/mock\_stream.h

# 1.107 groupcache 0.0.0-20200121045136-8c9f03a8e57e

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## 1.109 glob 0.2.3

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
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Version 2.1, February 1999
```

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Everyone is permitted to copy and distribute verbatim copies
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```

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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```
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# 1.114 grr 4.0.0a-2

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# 1.115 python3-asn1crypto 0.24.0

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## 1.116 distro-info-data 0.43ubuntu1.10

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Upstream-Name: distro-info-data

Upstream-Contact: Benjamin Drung <bdrung@debian.org>

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## 1.117 py3-parsing 2.4.7-r2

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# 1.118 zstd 1.4.4+dfsg-3ubuntu0.1

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\*/

/\* checkTag : validation tool for libzstd

\* command :

\* \$ ./checkTag tag

\* checkTag validates tags of following format : v[0-9].[0-9].[0-9]{any }

\* The tag is then compared to zstd version number.

\* They are compatible if first 3 digits are identical.

\* Anything beyond that is free, and doesn't impact validation.

\* Example : tag v1.8.1.2 is compatible with version 1.8.1

\* When tag and version are not compatible, program exits with error code 1.

\* When they are compatible, it exists with a code 0.

\* checkTag is intended to be used in automated testing environment.

\*/

# 1.119 golang-genproto 0.0.0-20210602131652-f16073e35f0c

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# 1.120 python-pip 20.0.2

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related

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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
| 2.5.3   | 2.5.2        | 2008 | PSF   | yes                 |
| 2.6     | 2.5          | 2008 | PSF   | yes                 |
| 2.6.1   | 2.6          | 2008 | PSF   | yes                 |
| 2.6.2   | 2.6.1        | 2009 | PSF   | yes                 |
| 2.6.3   | 2.6.2        | 2009 | PSF   | yes                 |
| 2.6.4   | 2.6.3        | 2009 | PSF   | yes                 |
| 2.6.5   | 2.6.4        | 2010 | PSF   | yes                 |
| 3.0     | 2.6          | 2008 | PSF   | yes                 |
| 3.0.1   | 3.0          | 2009 | PSF   | yes                 |
| 3.1     | 3.0.1        | 2009 | PSF   | yes                 |
| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
| 3.1.2   | 3.1.1        | 2010 | PSF   | yes                 |
| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |
| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
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| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |



|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4   | 2.3   | 2004 | PSF | yes |
| 2.4.1 | 2.4   | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting  
Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands  
as a successor of a language called ABC. Guido remains Python's  
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for  
National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)  
in Reston, Virginia where he released several versions of the  
software.

In May 2000, Guido and the Python core development team moved to  
BeOpen.com to form the BeOpen PythonLabs team. In October of the same  
year, the PythonLabs team moved to Digital Creations (now Zope  
Corporation, see <http://www.zope.com>). In 2001, the Python Software  
Foundation (PSF, see <http://www.python.org/psf/>) was formed, a  
non-profit organization created specifically to own Python-related  
Intellectual Property. Zope Corporation is a sponsoring member of  
the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for  
the Open Source Definition). Historically, most, but not all, Python  
releases have also been GPL-compatible; the table below summarizes  
the various releases.

| Release        | Derived<br>from | Year      | Owner      | GPL-<br>compatible? (1) |
|----------------|-----------------|-----------|------------|-------------------------|
| 0.9.0 thru 1.2 |                 | 1991-1995 | CWI        | yes                     |
| 1.3 thru 1.5.2 | 1.2             | 1995-1999 | CNRI       | yes                     |
| 1.6            | 1.5.2           | 2000      | CNRI       | no                      |
| 2.0            | 1.6             | 2000      | BeOpen.com | no                      |
| 1.6.1          | 1.6             | 2001      | CNRI       | yes (2)                 |

|       |           |           |     |     |
|-------|-----------|-----------|-----|-----|
| 2.1   | 2.0+1.6.1 | 2001      | PSF | no  |
| 2.0.1 | 2.0+1.6.1 | 2001      | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001      | PSF | yes |
| 2.2   | 2.1.1     | 2001      | PSF | yes |
| 2.1.2 | 2.1.1     | 2002      | PSF | yes |
| 2.1.3 | 2.1.2     | 2002      | PSF | yes |
| 2.2.1 | 2.2       | 2002      | PSF | yes |
| 2.2.2 | 2.2.1     | 2002      | PSF | yes |
| 2.2.3 | 2.2.2     | 2003      | PSF | yes |
| 2.3   | 2.2.2     | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3       | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1     | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2     | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3     | 2004      | PSF | yes |
| 2.3.5 | 2.3.4     | 2005      | PSF | yes |
| 2.4   | 2.3       | 2004      | PSF | yes |
| 2.4.1 | 2.4       | 2005      | PSF | yes |
| 2.4.2 | 2.4.1     | 2005      | PSF | yes |
| 2.4.3 | 2.4.2     | 2006      | PSF | yes |
| 2.4.4 | 2.4.3     | 2006      | PSF | yes |
| 2.5   | 2.4       | 2006      | PSF | yes |
| 2.5.1 | 2.5       | 2007      | PSF | yes |
| 2.5.2 | 2.5.1     | 2008      | PSF | yes |
| 2.5.3 | 2.5.2     | 2008      | PSF | yes |
| 2.6   | 2.5       | 2008      | PSF | yes |
| 2.6.1 | 2.6       | 2008      | PSF | yes |
| 2.6.2 | 2.6.1     | 2009      | PSF | yes |
| 2.6.3 | 2.6.2     | 2009      | PSF | yes |
| 2.6.4 | 2.6.3     | 2009      | PSF | yes |
| 2.6.5 | 2.6.4     | 2010      | PSF | yes |
| 3.0   | 2.6       | 2008      | PSF | yes |
| 3.0.1 | 3.0       | 2009      | PSF | yes |
| 3.1   | 3.0.1     | 2009      | PSF | yes |
| 3.1.1 | 3.1       | 2009      | PSF | yes |
| 3.1.2 | 3.1       | 2010      | PSF | yes |
| 3.2   | 3.1       | 2010      | PSF | yes |

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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## 1.131 jinja2 3.0.2

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[metadata]

name = Jinja2

```
version = attr: jinja2.__version__
url = https://palletsprojects.com/p/jinja/
project_urls =
  Donate = https://palletsprojects.com/donate
  Documentation = https://jinja.palletsprojects.com/
  Changes = https://jinja.palletsprojects.com/changes/
  Source Code = https://github.com/pallets/jinja/
  Issue Tracker = https://github.com/pallets/jinja/issues/
  Twitter = https://twitter.com/PalletsTeam
  Chat = https://discord.gg/pallets
license = BSD-3-Clause
license_files = LICENSE.rst
author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
description = A very fast and expressive template engine.
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
  Development Status :: 5 - Production/Stable
  Environment :: Web Environment
  Intended Audience :: Developers
  License :: OSI Approved :: BSD License
  Operating System :: OS Independent
  Programming Language :: Python
  Topic :: Internet :: WWW/HTTP :: Dynamic Content
  Topic :: Text Processing :: Markup :: HTML

[options]
packages = find:
package_dir = = src
include_package_data = true
python_requires = >= 3.6

[options.packages.find]
where = src

[options.entry_points]
babel.extractors =
  jinja2 = jinja2.ext:babel_extract[i18n]

[tool:pytest]
testpaths = tests
filterwarnings =
  error
  ignore:The loop argument:DeprecationWarning:asyncio[.]base_events:542
```

[coverage:run]

branch = True

source =

  jinja2

  tests

[coverage:paths]

source =

  src

  \*/site-packages

[flake8]

select = B, E, F, W, B9, ISC

ignore =

  E203

  E501

  E722

  W503

max-line-length = 80

per-file-ignores =

  src/jinja2/\_\_init\_\_.py: F401

[mypy]

files = src/jinja2

python\_version = 3.6

disallow\_subclassing\_any = True

disallow\_untyped\_calls = True

disallow\_untyped\_defs = True

disallow\_incomplete\_defs = True

no\_implicit\_optional = True

local\_partial\_types = True

no\_implicit\_reexport = True

strict\_equality = True

warn\_redundant\_casts = True

warn\_unused\_configs = True

warn\_unused\_ignores = True

warn\_return\_any = True

warn\_unreachable = True

[mypy-jinja2.defaults]

no\_implicit\_reexport = False

[mypy-markupsafe]

no\_implicit\_reexport = False

[egg\_info]

tag\_build =

tag\_date = 0

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Metadata-Version: 2.1

Name: Jinja2

Version: 3.0.2

Summary: A very fast and expressive template engine.

Home-page: <https://palletsprojects.com/p/jinja/>

Author: Armin Ronacher

Author-email: [armin.ronacher@active-4.com](mailto:armin.ronacher@active-4.com)

Maintainer: Pallets

Maintainer-email: [contact@palletsprojects.com](mailto:contact@palletsprojects.com)

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Project-URL: Documentation, <https://jinja.palletsprojects.com/>

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Project-URL: Twitter, <https://twitter.com/PalletsTeam>

Project-URL: Chat, <https://discord.gg/pallets>

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content

Classifier: Topic :: Text Processing :: Markup :: HTML

Requires-Python: >=3.6

Description-Content-Type: text/x-rst

Provides-Extra: i18n

License-File: LICENSE.rst

Jinja

=====

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted

user input.

- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

## Installing

-----

Install and update using `pip`\_:

.. code-block:: text

```
$ pip install -U Jinja2
```

.. \_pip: <https://pip.pypa.io/en/stable/getting-started/>

## In A Nutshell

-----

.. code-block:: jinja

```
{% extends "base.html" % }
{% block title % }Members{% endblock % }
{% block content % }
<ul>
  {% for user in users % }
    <li><a href="{{ user.url }}">{{ user.username }}</a></li>
  {% endfor % }
</ul>
{% endblock % }
```

## Donate

-----

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packages. In order to grow the community of contributors and users, and allow the maintainers to devote more time to the projects, `please donate today`\_.

.. \_please donate today: <https://palletsprojects.com/donate>

## Links

-----

- Documentation: <https://jinja.palletsprojects.com/>
- Changes: <https://jinja.palletsprojects.com/changes/>
- PyPI Releases: <https://pypi.org/project/Jinja2/>
- Source Code: <https://github.com/pallets/jinja/>
- Issue Tracker: <https://github.com/pallets/jinja/issues/>
- Website: <https://palletsprojects.com/p/jinja/>
- Twitter: <https://twitter.com/PalletsTeam>
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Found in path(s):

- \* /opt/cola/permits/1210557185\_1633418177.62/0/jinja2-3-0-2-tar-gz/Jinja2-3.0.2/PKG-INFO
- \* /opt/cola/permits/1210557185\_1633418177.62/0/jinja2-3-0-2-tar-gz/Jinja2-3.0.2/src/Jinja2.egg-info/PKG-INFO

# 1.132 py3-toml 0.10.2-r2

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## 1.133 python-certifi 2021.10.08

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

## 1.134 html5lib 1.1

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## 1.135 python-pip 21.2.3

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Version 2.0, January 2004

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.4   | 2.3   | 2004 | PSF | yes |
| 2.4.1 | 2.4   | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1   | 2010 | PSF | yes |
| 3.2   | 3.1   | 2010 | PSF | yes |

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

# 1.136 cpp 9.4.0-1ubuntu1~20.04.1

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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The "Corresponding Source" for a work in object code form means all



the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item

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@item

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@item

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@item

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@item

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DRuntime: Runtime Library for the D Programming Language

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iconv (Charset Conversion Library) v2.0

(28) Artem Bityuckiy (--enable-newlib-iconv)

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libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)  
 svn://gcc.gnu.org/svn/gcc/ (for prereleases)  
 ftp://sourceware.org/pub/newlib/ (for newlib)  
 git://git.savannah.gnu.org/gm2.git (for Modula-2)

The current gcc-9 source package is taken from the SVN gcc-9-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

| Language      | Compiler package | Library package | Documentation    |
|---------------|------------------|-----------------|------------------|
| Ada           | gnat-9           | libgnat-9       | gnat-9-doc       |
| BRIG          | gccbrig-9        | libhsail-rt0    |                  |
| C             | gcc-9            |                 | gcc-9-doc        |
| C++           | g++-9            | libstdc++6      | libstdc++6-9-doc |
| D             | gdc-9            |                 |                  |
| Fortran 95    | gfortran-9       | libgfortran3    | gfortran-9-doc   |
| Go            | gccgo-9          | libgo0          |                  |
| Objective C   | gobjc-9          | libobjc2        |                  |
| Objective C++ | gobjc++-9        |                 |                  |
| Modula-2      | gm2-9            | libgm2          |                  |

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

| Language | Sources | Development      | Debugging        | Position-Independent |
|----------|---------|------------------|------------------|----------------------|
| C++      |         | libstdc++6-9-dev | libstdc++6-9-dbg | libstdc++6-9-pic     |
| D        |         | libphobos-9-dev  |                  |                      |

Additional packages include:

All languages:

libgcc1, libgcc2, libgcc4 GCC intrinsics (platform-dependent)  
 gcc-9-base Base files common to all compilers  
 gcc-9-soft-float Software floating point (ARM only)  
 gcc-9-source The sources with patches

Ada:

libgnatvsn-dev, libgnatvsn9 GNAT version library

C:

cpp-9, cpp-9-doc GNU C Preprocessor  
libssp0-dev, libssp0 GCC stack smashing protection library  
libquadmath0 Math routines for the \_\_float128 type  
fixincludes Fix non-ANSI header files

C, C++ and Fortran 95:

libgomp1-dev, libgomp1 GCC OpenMP (GOMP) support library  
libitm1-dev, libitm1 GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-9 Ada support library and libgnatvsn library.
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Version 3.1, 31 March 2009

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Written by Tobias Burnus <burnus@net-b.de>

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coshq.c, erfq.c, jnq.c, lgammaq.c, powq.c, roundq.c:

Changes for 128-bit \_\_float128 are

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ldexpq.c:

- \* Conversion to long double by Ulrich Drepper,
- \* Cygnus Support, drepper@cygnus.com.

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c, sinq\_kernel.c, truncq.c:

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isinfq.c:

- \* Written by J.T. Conklin <jtc@netbsd.org>.
- \* Change for long double by Jakub Jelinek <jj@ultra.linux.cz>
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llroundq.c, lroundq.c, tgammaq.c:

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log10q.c:

Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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D:

|                 |                            |
|-----------------|----------------------------|
| gdc-9           | GNU D Compiler             |
| libphobos-9-dev | D standard runtime library |

The D source package is made up of the following components.

The D front-end for GCC:

- d/\*

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The Zlib data compression library:

- d/phobos/etc/c/zlib/\*

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- d/phobos/\*

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## 1.137 google-cloud-go 0.70.0

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```



```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "math"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/iterator"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
    "google.golang.org/protobuf/proto"
)

var newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
    Delete      []gax.CallOption
    Get         []gax.CallOption
    GetIamPolicy []gax.CallOption
    Insert      []gax.CallOption
    List        []gax.CallOption
    SetIamPolicy []gax.CallOption
    TestIamPermissions []gax.CallOption
}

func defaultLicensesRESTCallOptions() *LicensesCallOptions {
    return &LicensesCallOptions{
        Delete:      []gax.CallOption{ },
        Get:         []gax.CallOption{ },
        GetIamPolicy: []gax.CallOption{ },
        Insert:      []gax.CallOption{ },
        List:        []gax.CallOption{ },
    }
}

```

```

    SetIamPolicy: []gax.CallOption{ },
    TestIamPermissions: []gax.CallOption{ },
}
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
    Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption) (*computepb.License, error)
    GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
    List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
    SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
//
// The Licenses API.
type LicensesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicensesClient

    // The call options for this service.
    CallOptions *LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

```

```

}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {
    return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This

```

```

resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licensesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string

    // The http client.
    httpClient *http.Client

    // operationClient is used to call the operation-specific management service.
    operationClient *GlobalOperationsClient

    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD

    // Points back to the CallOptions field of the containing LicensesClient
    CallOptions **LicensesCallOptions
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
    clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    callOpts := defaultLicensesRESTCallOptions()
    c := &licensesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
        CallOptions: &callOpts,

```

```

}
c.setGoogleClientInfo()

o := []option.ClientOption{
    option.WithHTTPClient(httpClient),
    option.WithEndpoint(endpoint),
}
opC, err := NewGlobalOperationsRESTClient(ctx, o...)
if err != nil {
    return nil, err
}
c.operationClient = opC

return &LicensesClient{internalClient: c, CallOptions: callOpts}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
        internaloption.WithDefaultScopes(DefaultAuthScopes()...),
    }
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
    kv := append([]string{"gl-go", versionGo()}, keyval...)
    kv = append(kv, "gapi", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
    c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
    // Replace httpClient with nil to force cleanup.
    c.httpClient = nil
    if err := c.operationClient.Close(); err != nil {
        return err
    }
    return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.

```

```

func (c *licensesRESTClient) Connection() *grpc.ClientConn {
    return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
    baseUrl, err := url.Parse(c.endpoint)
    if err != nil {
        return nil, err
    }
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    params := url.Values{ }
    if req != nil && req.RequestId != nil {
        params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
    }

    baseUrl.RawQuery = params.Encode()

    // Build HTTP headers from client and context metadata.
    md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "license", url.QueryEscape(req.GetLicense())))

    headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
    opts = append((*c.CallOptions).Delete[0:len((*c.CallOptions).Delete):len((*c.CallOptions).Delete)], opts...)
    unmarshalOptions := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
    resp := &computepb.Operation{ }
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        if settings.Path != "" {
            baseUrl.Path = settings.Path
        }
        httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header = headers

        httpRsp, err := c.httpClient.Do(httpReq)
        if err != nil {
            return err
        }
        defer httpRsp.Body.Close()

        if err = googleapi.CheckResponse(httpRsp); err != nil {
            return err
        }
    })
}

```

```

}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
}
op := &Operation{
    &globalOperationsHandle{
        c:    c.operationClient,
        proto: resp,
        project: req.GetProject(),
    },
}
return op, nil
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, err := url.Parse(c.endpoint)
    if err != nil {
        return nil, err
    }
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    // Build HTTP headers from client and context metadata.
    md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
    url.QueryEscape(req.GetProject()), "license", url.QueryEscape(req.GetLicense())))

    headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
    opts = append((*c.CallOptions).Get[0:len((*c.CallOptions).Get):len((*c.CallOptions).Get)], opts...)
    unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.License{}
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        if settings.Path != "" {
            baseUrl.Path = settings.Path
        }

```

```

httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
    return err
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, err := url.Parse(c.endpoint)
    if err != nil {
        return nil, err
    }
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{ }
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }
}

```



```

}

baseUrl.RawQuery = params.Encode()

// Build HTTP headers from client and context metadata.
md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource())))

headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
opts =
append((*c.CallOptions).GetIamPolicy[0:len((*c.CallOptions).GetIamPolicy):len((*c.CallOptions).GetIamPolicy)],
opts...)
unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
resp := &computepb.Policy{}
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
if settings.Path != "" {
baseUrl.Path = settings.Path
}
httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
return err
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
return nil, e

```

```

}
return resp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
m := protojson.MarshalOptions{AllowPartial: true}
body := req.GetLicenseResource()
jsonReq, err := m.Marshal(body)
if err != nil {
return nil, err
}

baseUrl, err := url.Parse(c.endpoint)
if err != nil {
return nil, err
}
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{ }
if req != nil && req.RequestId != nil {
params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

// Build HTTP headers from client and context metadata.
md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v", "project",
url.QueryEscape(req.GetProject())))

headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
opts = append((*c.CallOptions).Insert[0:len((*c.CallOptions).Insert):len((*c.CallOptions).Insert)], opts...)
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &computepb.Operation{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
if settings.Path != "" {
baseUrl.Path = settings.Path
}
httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
return err
}
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

httpRsp, err := c.httpClient.Do(httpReq)

```

```

if err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unmarshal(buf, resp); err != nil {
    return maybeUnmarshal(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
op := &Operation{
    &globalOperationsHandle{
        c: c.operationClient,
        proto: resp,
        project: req.GetProject(),
    },
}
return op, nil
}

```

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
    it := &LicenseIterator{}
    req = proto.Clone(req).(*computepb.ListLicensesRequest)
    unmarshalOptions := unmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
        resp := &computepb.LicensesListResponse{}
        if pageToken != "" {
            req.PageToken = proto.String(pageToken)
        }
    }
}

```

```

if pageSize > math.MaxInt32 {
    req.MaxResults = proto.Uint32(math.MaxInt32)
} else if pageSize != 0 {
    req.MaxResults = proto.Uint32(uint32(pageSize))
}
baseUrl, err := url.Parse(c.endpoint)
if err != nil {
    return nil, "", err
}
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{}
if req != nil && req.Filter != nil {
    params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
}
if req != nil && req.MaxResults != nil {
    params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
}
if req != nil && req.OrderBy != nil {
    params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
}
if req != nil && req.PageToken != nil {
    params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
}
if req != nil && req.ReturnPartialSuccess != nil {
    params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
}

baseUrl.RawQuery = params.Encode()

// Build HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    if settings.Path != "" {
        baseUrl.Path = settings.Path
    }
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

```

```

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, "", e
}
it.Response = resp
return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
    items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
    if err != nil {
        return "", err
    }
    it.items = append(it.items, items...)
    return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetGlobalSetPolicyRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }
}

```

```

baseUrl, err := url.Parse(c.endpoint)
if err != nil {
    return nil, err
}
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())

// Build HTTP headers from client and context metadata.
md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource())))

headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
opts =
append((*c.CallOptions).SetIamPolicy[0:len((*c.CallOptions).SetIamPolicy):len((*c.CallOptions).SetIamPolicy)],
opts...)
unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true}
resp := &computepb.Policy{}
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    if settings.Path != "" {
        baseUrl.Path = settings.Path
    }
    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }
}

```

```

return nil
}, opts...)
if e != nil {
return nil, e
}
return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
m := protojson.MarshalOptions{ AllowPartial: true}
body := req.GetTestPermissionsRequestResource()
jsonReq, err := m.Marshal(body)
if err != nil {
return nil, err
}

baseUrl, err := url.Parse(c.endpoint)
if err != nil {
return nil, err
}
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

// Build HTTP headers from client and context metadata.
md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource())))

headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
opts =
append((*c.CallOptions).TestIamPermissions[0:len((*c.CallOptions).TestIamPermissions):len((*c.CallOptions).Tes
tIamPermissions)], opts...)
unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true}
resp := &computepb.TestPermissionsResponse{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
if settings.Path != "" {
baseUrl.Path = settings.Path
}
httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
return err
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

```

```

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License
    pageInfo *iterator.PageInfo
    nextFunc func() error

    // Response is the raw response for the current page.
    // It must be cast to the RPC response type.
    // Calling Next() or InternalFetch() updates this value.
    Response interface{ }

    // InternalFetch is for use by the Google Cloud Libraries only.
    // It is not part of the stable interface of this package.
    //
    // InternalFetch returns results from a single call to the underlying RPC.
    // The number of results is no greater than pageSize.
    // If there are no more results, nextPageToken is empty and err is nil.
    InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.

```



```

func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
    return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
    var item *computepb.License
    if err := it.nextFunc(); err != nil {
        return item, err
    }
    item = it.items[0]
    it.items = it.items[1:]
    return item, nil
}

func (it *LicenseIterator) bufLen() int {
    return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
    b := it.items
    it.items = nil
    return b
}

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"

```

```

)

func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicenseCodesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
    }
    resp, err := c.Get(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.TestIamPermissionsLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
    }
}

```

```
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}
```

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```

// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    "google.golang.org/api/iterator"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicensesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicensesClient_Delete() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.DeleteLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
    }
    op, err := c.Delete(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }

    err = op.Wait(ctx)
    if err != nil {
        // TODO: Handle error.
    }
}

func ExampleLicensesClient_Get() {

```

```

ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
    // TODO: Handle error.
}
defer c.Close()

req := &computepb.GetLicenseRequest{
    // TODO: Fill request struct fields.
    // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_GetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
    // TODO: Handle error.
}
defer c.Close()

req := &computepb.GetIamPolicyLicenseRequest{
    // TODO: Fill request struct fields.
    // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
}
resp, err := c.GetIamPolicy(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_Insert() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
    // TODO: Handle error.
}
defer c.Close()

req := &computepb.InsertLicenseRequest{

```

```

// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
}
op, err := c.Insert(ctx, req)
if err != nil {
// TODO: Handle error.
}

err = op.Wait(ctx)
if err != nil {
// TODO: Handle error.
}
}

func ExampleLicensesClient_List() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &compute.ListLicensesRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
}
it := c.List(ctx, req)
for {
resp, err := it.Next()
if err == iterator.Done {
break
}
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}
}

func ExampleLicensesClient_SetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()
}

```

```

req := &computepb.SetIamPolicyLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
}
resp, err := c.SetIamPolicy(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.TestIamPermissionsLicenseRequest{
// TODO: Fill request struct fields.
// See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

```

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package compute

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
)

var newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
    Get          []gax.CallOption
    TestIamPermissions []gax.CallOption
}

func defaultLicenseCodesRESTCallOptions() *LicenseCodesCallOptions {
    return &LicenseCodesCallOptions{
        Get:          []gax.CallOption{ },
        TestIamPermissions: []gax.CallOption{ },
    }
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {

```

```

Close() error
setGoogleClientInfo(...string)
Connection() *grpc.ClientConn
Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
// The internal transport-dependent client.
internalClient internalLicenseCodesClient

// The call options for this service.
CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
return c.internalClient.Connection()
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {

```

```

return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licenseCodesRESTClient struct {
// The http endpoint to connect to.
endpoint string

// The http client.
httpClient *http.Client

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD

// Points back to the CallOptions field of the containing LicenseCodesClient
CallOptions **LicenseCodesCallOptions
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
if err != nil {
return nil, err
}

callOpts := defaultLicenseCodesRESTCallOptions()
c := &licenseCodesRESTClient{
endpoint: endpoint,
httpClient: httpClient,
CallOptions: &callOpts,
}
c.setGoogleClientInfo()

return &LicenseCodesClient{internalClient: c, CallOptions: callOpts}, nil
}

```

```

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
    internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
    internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
    internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
    internaloption.WithDefaultScopes(DefaultAuthScopes()...),
}
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
baseUrl, err := url.Parse(c.endpoint)
if err != nil {
return nil, err
}
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

// Build HTTP headers from client and context metadata.
md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "license_code", url.QueryEscape(req.GetLicenseCode())))

```

```

headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
opts = append((*c.CallOptions).Get[0:len((*c.CallOptions).Get):len((*c.CallOptions).Get)], opts...)
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &computepb.LicenseCode{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    if settings.Path != "" {
        baseUrl.Path = settings.Path
    }
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {

```



```

m := protojson.MarshalOptions{ AllowPartial: true }
body := req.GetTestPermissionsRequestResource()
jsonReq, err := m.Marshal(body)
if err != nil {
    return nil, err
}

baseUrl, err := url.Parse(c.endpoint)
if err != nil {
    return nil, err
}
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

// Build HTTP headers from client and context metadata.
md := metadata.Pairs("x-goog-request-params", fmt.Sprintf("%s=%v&%s=%v", "project",
url.QueryEscape(req.GetProject()), "resource", url.QueryEscape(req.GetResource())))

headers := buildHeaders(ctx, c.xGoogMetadata, md, metadata.Pairs("Content-Type", "application/json"))
opts =
append((*c.CallOptions).TestIamPermissions[0:len((*c.CallOptions).TestIamPermissions):len((*c.CallOptions).Tes
tIamPermissions)], opts...)
unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
resp := &computepb.TestPermissionsResponse{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    if settings.Path != "" {
        baseUrl.Path = settings.Path
    }
    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

```

```

}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

```

## 1.138 compress 1.13.6

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```

```
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# Please keep the list sorted.
```

```
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Damian Gryski <dgryski@gmail.com>
Eric Buth <eric@topos.com>
Jan Mercl <0xjnm@gmail.com>
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Upstream-Name: libxml2

Source: <ftp://xmlsoft.org/libxml2/>

Files-Excluded:

result

test

Comment:

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## 1.149 blang-semver 3.5.1+incompatible

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### 0.0.0-20201213122252-bcd7e1b9601e

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# 1.154 cloud-google-com-go 0.70.0

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```

```
package cloud
```

```
import (
    "bytes"
```

```

"io/ioutil"
"os"
"path/filepath"
"strings"
"testing"
)

var sentinels = []string{
    "Copyright",
    "Google",
    `Licensed under the Apache License, Version 2.0 (the "License");`,
}

func TestLicense(t *testing.T) {
    t.Parallel()
    err := filepath.Walk(".", func(path string, fi os.FileInfo, err error) error {
        if err != nil {
            return err
        }

        if ext := filepath.Ext(path); ext != ".go" && ext != ".proto" {
            return nil
        }
        if strings.HasSuffix(path, ".pb.go") {
            // .pb.go files are generated from the proto files.
            // .proto files must have license headers.
            return nil
        }
        if path == "bigtable/cmd/cbt/cbt.doc.go" {
            // Automatically generated.
            return nil
        }
        if path == "cmd/go-cloud-debug-agent/internal/debug/elf/elf.go" {
            // BSD license, which is compatible, is embedded in the file.
            return nil
        }
        src, err := ioutil.ReadFile(path)
        if err != nil {
            return nil
        }
        src = src[:300] // Ensure all of the sentinel values are at the top of the file.

        // Find license
        for _, sentinel := range sentinels {
            if !bytes.Contains(src, []byte(sentinel)) {
                t.Errorf("%v: license header not present. want %q", path, sentinel)
                return nil
            }
        }
    })
}

```

```
}  
  
return nil  
})  
if err != nil {  
    t.Fatal(err)  
}  
}
```

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# 1.155 opentracing-contrib-go-grpc 0.0.0-20180928155321-4b5a12d3ff02

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WEV @@ WEV[B "1

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# 1.163 python-webencodings 0.5.1

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## Commands to generate dependency files  
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)  
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)  
  
## Flags for position independent code  
SHAREDLIBCFLAGS = -fPIC  
SHAREDLIBCXXFLAGS = -fPIC  
SHAREDLIBCPPFLAGS = -DPIC
```

```

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.${STATIC_O}: $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O}: $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.${SO}.${SO_TARGET_VERSION_MAJOR}: %.${SO}.${SO_TARGET_VERSION}

```

```
$(RM) $@ && ln -s ${<F} $@
%.(SO): %.(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
This package was debianized by Jay Berkenbilt <qjb@debian.org> on
August 5, 2005.
The packaging was taken over by Laszlo Boszormenyi (GCS) <gcs@debian.org> on
Tue, 17 Mar 2015.

The original source was downloaded from
http://site.icu-project.org/download

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# 1.167 libogg 1.3.4 0ubuntu1

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Upstream Authors:

Christopher Montgomery <monty@xiph.org>

Greg Maxwell <greg@xiph.org>

Ralph Giles <giles@xiph.org>

Cristian Adam <cristian.adam@gmail.com>

Tim Terriberry <tterribe@xiph.org>

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## 1.170 importlib-metadata 4.8.1

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Link: <https://github.com/salesforce/secure-filters/blob/master/lib/secure-filters.js>

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- reference implementation

Name: jshrink  
Link: <https://github.com/tedivm/jshrink>  
License: BSD-3-Clause

Name: Sparkline  
Link: <https://github.com/jamiebicknell/Sparkline>  
License: MIT

Name: sprintf  
Link: <http://www.diveintojavascript.com/projects/javascript-sprintf>  
License: New BSD

Name: upgrade.php  
Link: <http://upgradephp.berlios.de/>  
License: Public domain

Name: Archive Tar  
Link: [https://pear.php.net/package/Archive\\_Tar](https://pear.php.net/package/Archive_Tar)  
License: New BSD

Name: Event Dispatcher (and Notification)  
Link: [https://pear.php.net/package/Event\\_Dispatcher/](https://pear.php.net/package/Event_Dispatcher/)  
License: New BSD

Name: HTML Common2  
Link: [https://pear.php.net/package/HTML\\_Common2/](https://pear.php.net/package/HTML_Common2/)  
License: New BSD

Name: HTML QuickForm2  
Link: [https://pear.php.net/package/HTML\\_QuickForm2/](https://pear.php.net/package/HTML_QuickForm2/)  
License: New BSD

Name: HTML QuickForm2\_Renderer\_Smarty  
Link: <http://www.phcomp.co.uk/tmp/Smarty.phps>  
License: New BSD

Name: MaxMindGeoIP  
Link: <https://dev.maxmind.com/geoip/legacy/downloadable/#PHP-7>  
License: LGPL

Name: PclZip  
Link: <http://www.phpconcept.net/pclzip/>  
License: LGPL  
Notes:  
- GPL version not explicitly stated but tarball contains LGPL v2.1

Name: PEAR (base system)  
Link: <https://pear.php.net/package/PEAR>  
License: New BSD

Name: PhpSecInfo  
Link: <http://phpsec.org/projects/phpsecinfo/>  
License: New BSD

Name: RankChecker  
Link: <http://www.getrank.org/free-pagerank-script>  
License: GPL

Name: Twig  
Link: <https://twig.symfony.com/>  
License: BSD

Name: TCPDF



Link: <https://sourceforge.net/projects/tcpdf/>

License: LGPL v3 or later

Name: Zend Framework

Link: <https://framework.zend.com/>

License: New BSD

Name: pChart 2.1.4

Link: <http://www.pchart.net>

License: GPL v3

Name: Chroma.js

Link: <https://github.com/gka/chroma.js>

License: GPL v3

Name: qTip2 - Pretty powerful tooltips

Link: <http://craigsworks.com/projects/qltip2/>

License: GPL

Name: Kartograph.js

Link: <http://kartograph.org/>

License: LGPL v3 or later

Name: Raphael - JavaScript Vector Library

Link: [http://raphaeljs.com/](http://dmitrybaranovskiy.github.io/raphael/)

License: MIT (Expat)

Name: iFrame Resizer

Link: <https://github.com/davidjbradshaw/iframe-resizer>

License: MIT

Name: lessphp

Link: <http://leafo.net/lessphp>

License: GPL3, MIT (Expat)

Name: Symfony Console Component

Link: <https://github.com/symfony/Console>

License: MIT (Expat)

Name: AngularJS

Link: <https://github.com/angular/angular.js>

License: MIT (Expat)

Name: Mousetrap

Link: <https://github.com/ccampbell/mousetrap>

License: Apache 2.0

Name: PHP-DI

Link: <http://php-di.org/>

License: MIT (Expat)

### THIRD-PARTY CONTENT

Name: FamFamFam icons - Mark James

Link: <http://www.famfamfam.com/lab/icons/>

License: CC BY 3.0

Name: Solar System icons - Dan Wiersema

Link: <http://www.iconspedia.com/icon/neptune-4672.html>

License: Free for non-commercial use

Notes:

- used in Matomo's ExampleUI plugin

Name: flag-icon-css - Lipis

Link: <https://github.com/lipis/flag-icon-css>

License: MIT (Expat)

Notes:

- used for flag PNGs

Name: Wine project - tahoma.ttf font

Link: [http://source.winehq.org/git/wine.git/blob\\_plain/HEAD:/fonts/tahoma.ttf](http://source.winehq.org/git/wine.git/blob_plain/HEAD:/fonts/tahoma.ttf)

License: LGPL v2.1

Notes:

- used in ImageGraph plugin

Name: plugins/Feedback/angularjs/ratefeature/thumbs-down.png

Link: [https://www.iconfinder.com/icons/216428/down\\_thumbs\\_icon](https://www.iconfinder.com/icons/216428/down_thumbs_icon)

License: Creative Commons (Attribution-Share Alike 3.0 Unported)

Name: plugins/Feedback/angularjs/ratefeature/thumbs-up.png

Link: [https://www.iconfinder.com/icons/216429/thumbs\\_up\\_icon](https://www.iconfinder.com/icons/216429/thumbs_up_icon)

License: Creative Commons (Attribution-Share Alike 3.0 Unported)

Name: plugins/Insights/images/idea.png

Link: [https://www.iconfinder.com/icons/6074/brainstorm\\_bulb\\_idea\\_jabber\\_light\\_icon](https://www.iconfinder.com/icons/6074/brainstorm_bulb_idea_jabber_light_icon)

License: GPL

By: Alessandro Rei - <http://www.kde-look.org/usermanager/search.php?username=mentalrey>

Name: Material icons ("icon-info2", "icon-outline", "icon-settings", "icon-form", "icon-play", "icon-pause", "icon-replay", "icon-skip-next", "icon-skip-forward", "icon-stop", "icon-fast-forward", "icon-fast-rewind", "icon-bug", "icon-upload", "icon-segmented-visits-log", "icon-clock") in plugins/Morpheus/fonts, and plugins/Morpheus/images/compare.svg

Link: <https://design.google.com/icons/>

License: Apache License Version 2.0

Name: IcoMoon - Free icons ("icon-funnel", "icon-lab", "icon-archive", "icon-rocket", "icon-embed", "icon-page-performance", "icon-github") in plugins/Morpheus/fonts

Link: <https://icomoon.io/#icons-icomoon>

License: GPL

Name: FontAwesome icons ("icon-minus-square", "icon-plus-square", "icon-arrowup", "icon-arrowdown", "icon-outlink") in plugins/Morpheus/fonts

Link: <https://fontawesome.com/>

License: CC BY 4.0

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chroma.js - JavaScript library for color conversions

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## 1.173 xz 5.2.4 1ubuntu1

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.\"
```

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```
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\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/misc.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/job.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/compat.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/do\_command.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/user.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/config.h

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/entry.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.h

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/env.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.c

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\*/

\$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp \$

Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/man1, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows \_PATH\_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. you should check this out.

say:  
make all

su and say:  
make install

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created. Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
```

```
crontab -u news -r /usr/lib/news/crontab.src
```

```
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r' command. (2) The crontab command will affect the crontab of the person using the command unless `USER' is given; `-u' only works for root. When using most `su' commands under most BSD's, `crontab' will still think of you as yourself even though you may think of yourself as root -- so use `-u' liberally. (3) the `-r' option stands for `replace'; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

```
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.\ " *
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```
.\ " * I'll try to keep a version up to date. I can be reached as follows:
```

```
.\ " * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
```

```
.\ " */
```

```
.\ "
```

.\\$Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp \$

.\

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\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/pathnames.h

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/externs.h

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.\\$Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp \$

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\*  
\* @(#)bitstring.h 5.2 (Berkeley) 4/4/90  
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.\n $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $\n
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```
*/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.5
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Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up and rip out all the 'su' commands, collapse the lengthy lists into ranges with steps -- basically, this step is as much work as you want to make it)

start up the new cron

(must be done as root)

watch it. test it with 'crontab -r' and watch the daemon track your changes.

if you like it, change your /etc/{rc,rc.local} to use it instead of the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

Found in path(s):

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/README

## 1.177 centrifuge 0.2.3

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## 1.178 ngx-vis 3.0.1

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 1991, 1992 Linus Torvalds  
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 1992 A. V. Le Blanc (LeBlanc@mcc.ac.uk)  
 1992-1997 Michael K. Johnson, johnsonm@redhat.com  
 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002,  
 2003, 2004, 2005, 2008 Theodore Ts'o <tytso@mit.edu>  
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 1994 Salvatore Valente <svalente@mit.edu>  
 1994,1996 Alessandro Rubini (rubini@ipvvis.unipv.it)  
 1994-2005 Jeff Tranter (tranter@pobox.com)  
 1995, 1999, 2000 Andries E. Brouwer <aeb@cwi.nl>  
 1997-2005 Frodo Looijaard <frodo@frodo.looijaard.name>  
 1998 Danek Duvall <duvall@alumni.princeton.edu>  
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term-utils/mesg.c  
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term-utils/write.c  
text-utils/col.c  
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text-utils/hexdump.c  
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2011 Philipp Marek <philipp.marek@linbit.com>

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# 1.184 pycparser 2.20

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pycparser -- A C parser in Python

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# 1.185 go-grpc-prometheus 1.2.1-

## 0.20191002090509-6af20e3a5340

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A list of the supported algorithms, their origins and licenses (from the manual):

.

### AES

The implementation of the AES cipher (also known as rijndael) is written by Rafael Sevilla. Assembler for x86 by Rafael Sevilla and Niels Mller, Sparc assembler by Niels Mller. Released under the LGPL.

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### ARCFOUR

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## CAMELLIA

The C implementation is by Nippon Telegraph and Telephone Corporation (NTT), heavily modified by Niels Mller. Assembler for x86 and x86\_64 by Niels Mller. Released under the LGPL.

## CAST128

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## DES

The implementation of the DES cipher is written by Dana L. How, and released under the LGPL.

## MD2

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## MD4

This is almost the same code as for MD5 below, with modifications by Marcus Comstedt. Released into the public domain.

## MD5

The implementation of the MD5 message digest is written by Colin Plumb. It has been hacked some more by Andrew Kuchling and Niels Mller. Released into the public domain.

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## SHA1

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## SHA224, SHA256, SHA384, and SHA512

Written by Niels Mller, using Peter Gutmann's SHA1 code as a model. Released under the LGPL.

## TWOFISH

The implementation of the TWOFISH cipher is written by Ruud de Rooij. Released under the LGPL.

## RSA

Written by Niels Mller, released under the LGPL. Uses the GMP library for bignum operations.

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Metadata-Version: 1.1

Name: jsonpath-ng

Version: 1.4.3

Summary: A final implementation of JSONPath for Python that aims to be standard compliant, including arithmetic and binary comparison operators and providing clear AST for metaprogramming.

Home-page: <https://github.com/h2non/jsonpath-ng>

Author: Tomas Aparicio

Author-email: [tomas@aparicio.me](mailto:tomas@aparicio.me)

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Description: Python JSONPath Next-Generation |[Build Status](#)| [PyPI](#)| [Coverage Status](#)|

=====

A final implementation of JSONPath for Python that aims to be standard compliant, including arithmetic and binary comparison operators, as defined in the original `JSONPath proposal`\_.

This packages merges both `jsonpath-rw`\_ and `jsonpath-rw-ext`\_ and provides several AST API enhancements, such as the ability to update or removes nodes in the tree.

About

-----

This library provides a robust and significantly extended implementation of JSONPath for Python. It is tested with CPython 2.6, 2.7 & 3.x.

This library differs from other JSONPath implementations in that it is a

full *language* implementation, meaning the JSONPath expressions are first class objects, easy to analyze, transform, parse, print, and extend.

## Quick Start

-----

To install, use pip:

```
.. code:: bash
```

```
$ pip install --upgrade jsonpath-ng
```

## Usage

-----

Basic examples:

```
.. code:: python
```

```
$ python
```

```
>>> from jsonpath_ng import jsonpath, parse
```

```
# A robust parser, not just a regex. (Makes powerful extensions possible; see below)
```

```
>>> jsonpath_expr = parse('foo[*].baz')
```

```
# Extracting values is easy
```

```
>>> [match.value for match in jsonpath_expr.find({'foo': [{'baz': 1}, {'baz': 2}]})]  
[1, 2]
```

```
# Matches remember where they came from
```

```
>>> [str(match.full_path) for match in jsonpath_expr.find({'foo': [{'baz': 1}, {'baz': 2}]})]  
['foo.[0].baz', 'foo.[1].baz']
```

```
# And this can be useful for automatically providing ids for bits of data that do not have them (currently a  
global switch)
```

```
>>> jsonpath.auto_id_field = 'id'
```

```
>>> [match.value for match in parse('foo[*].id').find({'foo': [{'id': 'bizzle'}, {'baz': 3}]})]  
['foo.bizzle', 'foo.[1]']
```

```
# A handy extension: named operators like `parent`
```

```
>>> [match.value for match in parse('a.*.b.`parent`.c').find({'a': {'x': {'b': 1, 'c': 'number one'}}, 'y': {'b': 2, 'c':  
'number two'}})]  
['number two', 'number one']
```

```
# You can also build expressions directly quite easily
```

```
>>> from jsonpath_ng.jsonpath import Fields
>>> from jsonpath_ng.jsonpath import Slice

>>> jsonpath_expr_direct = Fields('foo').child(Slice('*')).child(Fields('baz')) # This is equivalent
```

Using the extended parser:

```
.. code:: python
```

```
$ python
```

```
>>> from jsonpath_ng.ext import parse
```

```
# A robust parser, not just a regex. (Makes powerful extensions possible; see below)
```

```
>>> jsonpath_expr = parse('foo[*].baz')
```

## JSONPath Syntax

-----

The JSONPath syntax supported by this library includes some additional features and omits some problematic features (those that make it unportable). In particular, some new operators such as ``|`` and ``where`` are available, and parentheses are used for grouping not for callbacks into Python, since with these changes the language is not trivially associative. Also, fields may be quoted whether or not they are contained in brackets.

Atomic expressions:

| Syntax        | Meaning                                                                                   |
|---------------|-------------------------------------------------------------------------------------------|
| ``\$``        | The root object                                                                           |
| ``this``      | The "current" object.                                                                     |
| ``foo``       | More generally, this syntax allows "named operators" to extend JSONPath in arbitrary ways |
| *field*       | Specified field(s), described below                                                       |
| ``[*field*]`` | Same as *field*                                                                           |
| ``[*idx*]``   | Array access, described below (this is always unambiguous with field access)              |

Jsonpath operators:

| Syntax                                       | Meaning                                                                                                    |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <code>*jsonpath1* ** *jsonpath2*</code>      | All nodes matched by <code>*jsonpath2*</code> starting at any node matching <code>*jsonpath1*</code>       |
| <code>*jsonpath* `[` *whatever* `]`</code>   | Same as <code>*jsonpath*\`.\` *whatever*</code>                                                            |
| <code>*jsonpath1* **..* *jsonpath2*</code>   | All nodes matched by <code>*jsonpath2*</code> that descend from any node matching <code>*jsonpath1*</code> |
| <code>*jsonpath1* `where` *jsonpath2*</code> | Any nodes matching <code>*jsonpath1*</code> with a child matching <code>*jsonpath2*</code>                 |
| <code>*jsonpath1* ` ` *jsonpath2*</code>     | Any nodes matching the union of <code>*jsonpath1*</code> and <code>*jsonpath2*</code>                      |

Field specifiers ( `*field*` ):

| Syntax                          | Meaning                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------|
| <code>`fieldname`</code>        | the field <code>`fieldname`</code> (from the "current" object)                                |
| <code>`"fieldname"`</code>      | same as above, for allowing special characters in the fieldname                               |
| <code>`'fieldname'`</code>      | ditto                                                                                         |
| <code>`*`</code>                | any field                                                                                     |
| <code>*field*`,` *field*</code> | either of the named fields (you can always build equivalent jsonpath using <code>` `</code> ) |

Array specifiers ( `*idx*` ):

| Syntax                                   | Meaning                                                                                |
|------------------------------------------|----------------------------------------------------------------------------------------|
| <code>[` *n* `]`</code>                  | array index (may be comma-separated list)                                              |
| <code>[` *start* `?:` *end* `?`]`</code> | array slicing (note that <code>*step*</code> is unimplemented only due to lack of need |

thus far) |

```
+-----+
| ``[*]``          | any array index          |
+-----+
```

## Programmatic JSONPath

-----

If you are programming in Python and would like a more robust way to create JSONPath expressions that does not depend on a parser, it is very easy to do so directly, and here are some examples:

- ``Root()``
- ``Slice(start=0, end=None, step=None)``
- ``Fields('foo', 'bar')``
- ``Index(42)``
- ``Child(Fields('foo'), Index(42))``
- ``Where(Slice(), Fields('subfield'))``
- ``Descendants(jsonpath, jsonpath)``

## Extras

-----

- *\*Path data\**: The result of ``JsonPath.find`` provide detailed context and path data so it is easy to traverse to parent objects, print full paths to pieces of data, and generate automatic ids.
- *\*Automatic Ids\**: If you set ``jsonpath\_ng.auto\_id\_field`` to a value other than None, then for any piece of data missing that field, it will be replaced by the JSONPath to it, giving automatic unique ids to any piece of data. These ids will take into account any ids already present as well.
- *\*Named operators\**: Instead of using ``@`` to reference the currently object, this library uses ``this``. In general, any string contained in backquotes can be made to be a new operator, currently by extending the library.

## Extensions

-----

```
+-----+
| name      | Example                                |
+=====+
| len      | - $.objects.`len`                    |
+-----+
| sub      | - $.field.`sub(/foo\\|\\+(.*)/, \\|1)` |
+-----+
```



```

| split    | - $.field.`split(+, 2, -1)`      |
|          | - $.field.`split(sep, segement, maxsplit)` |
+-----+
| sorted   | - $.objects.`sorted`            |
|          | - $.objects[\\some_field]       |
|          | - $.objects[\\some_field/other_field] |
+-----+
| filter   | - $.objects[?(@some_field > 5)] |
|          | - $.objects[?some_field = "foobar")] |
|          | - $.objects[?some_field > 5 & other < 2)] |
+-----+
| arithmetic | - $.foo + "_" + $.bar          |
| (+*/ )    | - $.foo * 12                   |
|          | - $.objects[*].cow + $.objects[*].cat |
+-----+

```

### About arithmetic and string

-----

Operations are done with python operators and allows types that python allows, and return [] if the operation can be done due to incompatible types.

When operators are used, a jsonpath must be fully defined otherwise jsonpath-rw-ext can't know if the expression is a string or a jsonpath field, in this case it will choose string as type.

Example with data::

```

{
  'cow': 'foo',
  'fish': 'bar'
}

```

```

| **cow + fish** returns **cowfish**
| **$.cow + $.fish** returns **foobar**
| **$.cow + "_" + $.fish** returns **foo_bar**
| **$.cow + "_" + fish** returns **foo_fish**

```

### About arithmetic and list

-----

Arithmetic can be used against two lists if they have the same size.

Example with data::

```

{'objects': [
  {'cow': 2, 'cat': 3},
  {'cow': 4, 'cat': 6}
]}

```

```
  ]}
```

```
| **$.objects[*].cow + $.objects[*].cat** returns **[6, 9]**
```

More to explore

-----

There are way too many JSONPath implementations out there to discuss. Some are robust, some are toy projects that still work fine, some are exercises. There will undoubtedly be many more. This one is made for use in released, maintained code, and in particular for programmatic access to the abstract syntax and extension. But JSONPath at its simplest just isn't that complicated, so you can probably use any of them successfully. Why not this one?

The original proposal, as far as I know:

- `JSONPath - XPath for JSON` <<http://goessner.net/articles/JSONPath/>>` \_\_ by Stefan Goessner.

Other examples

-----

Loading json data from file

.. code:: python

```
import json
d = json.loads('{"foo": [{"baz": 1}, {"baz": 2}]}')
# or
with open('myfile.json') as f:
    d = json.load(f)
```

Special note about PLY and docstrings

-----

The main parsing toolkit underlying this library, `PLY` <<https://github.com/dabeaz/ply>>` \_\_, does not work with docstrings removed. For example, ``PYTHONOPTIMIZE=2`` and ``python -OO`` will both cause a failure.

Contributors

-----

This package is authored and maintained by:

- `Kenn Knowles` <<https://github.com/kennknowles>>` \_\_  
( @kennknowles <<https://twitter.com/KennKnowles>>` \_\_)

- `Tomas Aparicio <<https://github.com/h2non>>`

with the help of patches submitted by `these contributors <<https://github.com/kennknowles/python-jsonpath-ng/graphs/contributors>>`\_\_.

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.. `JSONPath proposal` : <http://goessner.net/articles/JsonPath/>

.. `jsonpath-rw` : <https://github.com/kennknowles/python-jsonpath-rw>

.. `jsonpath-rw-ext` : <https://pypi.python.org/pypi/jsonpath-rw-ext/>

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Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

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Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.2

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Found in path(s):

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# 1.191 python-certifi 2021.05.30

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities

(CA). These were automatically extracted from Mozilla's root certificates

file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore

can be directly used with curl / libcurl / php\_curl, or with

an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

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## 20201227073835-cf1acfcdf475

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# 1.195 google-uuid 1.1.5

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Paul Borman <borman@google.com>

bmatsuo

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## 1.196 pgx 3.6.2

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## 1.197 python-pip 20.0.2-5ubuntu1.6

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of

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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
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| 2.6     | 2.5          | 2008 | PSF   | yes                 |
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| 2.6.5   | 2.6.4        | 2010 | PSF   | yes                 |
| 3.0     | 2.6          | 2008 | PSF   | yes                 |
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| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
| 3.2     | 3.1          | 2011 | PSF   | yes                 |
| 3.2.1   | 3.2          | 2011 | PSF   | yes                 |
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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived | Year | Owner | GPL- |
|---------|---------|------|-------|------|
|---------|---------|------|-------|------|

|                | from      |           |            | compatible? (1) |
|----------------|-----------|-----------|------------|-----------------|
| 0.9.0 thru 1.2 |           | 1991-1995 | CWI        | yes             |
| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes             |
| 1.6            | 1.5.2     | 2000      | CNRI       | no              |
| 2.0            | 1.6       | 2000      | BeOpen.com | no              |
| 1.6.1          | 1.6       | 2001      | CNRI       | yes (2)         |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no              |
| 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes             |
| 2.1.1          | 2.1+2.0.1 | 2001      | PSF        | yes             |
| 2.2            | 2.1.1     | 2001      | PSF        | yes             |
| 2.1.2          | 2.1.1     | 2002      | PSF        | yes             |
| 2.1.3          | 2.1.2     | 2002      | PSF        | yes             |
| 2.2.1          | 2.2       | 2002      | PSF        | yes             |
| 2.2.2          | 2.2.1     | 2002      | PSF        | yes             |
| 2.2.3          | 2.2.2     | 2003      | PSF        | yes             |
| 2.3            | 2.2.2     | 2002-2003 | PSF        | yes             |
| 2.3.1          | 2.3       | 2002-2003 | PSF        | yes             |
| 2.3.2          | 2.3.1     | 2002-2003 | PSF        | yes             |
| 2.3.3          | 2.3.2     | 2002-2003 | PSF        | yes             |
| 2.3.4          | 2.3.3     | 2004      | PSF        | yes             |
| 2.3.5          | 2.3.4     | 2005      | PSF        | yes             |
| 2.4            | 2.3       | 2004      | PSF        | yes             |
| 2.4.1          | 2.4       | 2005      | PSF        | yes             |
| 2.4.2          | 2.4.1     | 2005      | PSF        | yes             |
| 2.4.3          | 2.4.2     | 2006      | PSF        | yes             |
| 2.4.4          | 2.4.3     | 2006      | PSF        | yes             |
| 2.5            | 2.4       | 2006      | PSF        | yes             |
| 2.5.1          | 2.5       | 2007      | PSF        | yes             |
| 2.5.2          | 2.5.1     | 2008      | PSF        | yes             |
| 2.5.3          | 2.5.2     | 2008      | PSF        | yes             |
| 2.6            | 2.5       | 2008      | PSF        | yes             |
| 2.6.1          | 2.6       | 2008      | PSF        | yes             |
| 2.6.2          | 2.6.1     | 2009      | PSF        | yes             |
| 2.6.3          | 2.6.2     | 2009      | PSF        | yes             |
| 2.6.4          | 2.6.3     | 2009      | PSF        | yes             |
| 2.6.5          | 2.6.4     | 2010      | PSF        | yes             |
| 3.0            | 2.6       | 2008      | PSF        | yes             |
| 3.0.1          | 3.0       | 2009      | PSF        | yes             |
| 3.1            | 3.0.1     | 2009      | PSF        | yes             |
| 3.1.1          | 3.1       | 2009      | PSF        | yes             |
| 3.1.2          | 3.1       | 2010      | PSF        | yes             |
| 3.2            | 3.1       | 2010      | PSF        | yes             |

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |

|               |           |          |     |     |
|---------------|-----------|----------|-----|-----|
| 2.1           | 2.0+1.6.1 | 2001     | PSF | no  |
| 2.0.1         | 2.0+1.6.1 | 2001     | PSF | yes |
| 2.1.1         | 2.1+2.0.1 | 2001     | PSF | yes |
| 2.1.2         | 2.1.1     | 2002     | PSF | yes |
| 2.1.3         | 2.1.2     | 2002     | PSF | yes |
| 2.2 and above | 2.1.1     | 2001-now | PSF | yes |

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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## 1.204 idna 2.8

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```
* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/LICENSE.rst
```

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A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

\*\*\*\*

```
import io, sys
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```

'author': 'Kim Davies',
'author_email': 'kim@cynosure.com.au',
'license': 'BSD-like',
'url': 'https://github.com/kjd/idna',
'classifiers': [
    'Development Status :: 5 - Production/Stable',
    'Intended Audience :: Developers',
    'Intended Audience :: System Administrators',
    'License :: OSI Approved :: BSD License',
    'Operating System :: OS Independent',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Topic :: Internet :: Name Service (DNS)',
    'Topic :: Software Development :: Libraries :: Python Modules',
    'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
'test_suite': 'tests',
}

```

```
setup(**arguments)
```

```

if __name__ == '__main__':
    main()

```

Found in path(s):

\* /opt/cola/permits/1110810307\_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

## 1.205 Iz4 3.3.4

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## 1.206 python-stdlib-extensions 3.8.10- Oubuntu1~20.04

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```

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/driver.py
```

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/driver.py
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```

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/grammar.py
```

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/pgen.py
```

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/parse.py
```



\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/parse.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/literals.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/\_\_init\_\_.py  
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\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/pgen.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/parse.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/conv.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/grammar.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/literals.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/\_\_init\_\_.py  
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Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pygram.py  
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('binary-only', None,  
"cannot supply both '--source-only' and '--binary-only'")  
'License: ' + self.distribution.get\_license(),

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\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist\_rpm.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist\_rpm.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist\_rpm.py

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# A grammar to describe tree matching patterns.  
# Not shown here:  
# - 'TOKEN' stands for any token (leaf node)

# - 'any' stands for any node (leaf or interior)  
# With 'any' we can still specify the sub-structure.

# The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative ('| Alternative)\*

Alternative: (Unit | NegatedUnit)+

Unit: [NAME '='] ( STRING [Repeater]  
| NAME [Details] [Repeater]  
| '(' Alternatives ')' [Repeater]  
| '[' Alternatives '']  
)

NegatedUnit: 'not' (STRING | NAME [Details] | '(' Alternatives ')')

Repeater: '\*' | '+' | '{' NUMBER [, NUMBER ]}'

Details: '<' Alternatives '>'

Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/PatternGrammar.txt

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/PatternGrammar.txt

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/PatternGrammar.txt

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\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Modules/\_tkinter.c

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Modules/\_tkinter.c

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Modules/\_tkinter.c

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- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist\_wininst.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist\_msi.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist\_msi.py
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- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist\_wininst.py
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\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_types.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_filter.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_map.py

No license file was found, but licenses were detected in source scan.

executable.

Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/spawn.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/spawn.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/spawn.py

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file.write('License: %s\n' % self.get\_license())

Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/dist.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/dist.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/dist.py

No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-

extensions-3.8.2/3.6/Lib/lib2to3/pgen2/tokenize.py

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-

extensions-3.8.2/3.8/Lib/lib2to3/pgen2/tokenize.py

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/tokenize.py

# 1.207 keyutils 1.6 6ubuntu1

## 1.207.1 Available under license :

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Upstream-Contact: David Howells <dhowells@redhat.com>

Source: <http://people.redhat.com/~dhowells/keyutils/>

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## 1.209 lib-pq 1.9.0

### 1.209.1 Available under license :

```
// +build go1.10

package pq

import (
    "context"
    "database/sql/driver"
)

// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
    return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A
// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
// on it.
type NoticeHandlerConnector struct {
    driver.Connector
    noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
```

```

c, err := n.Connector.Connect(ctx)
if err == nil {
    SetNoticeHandler(c, n.noticeHandler)
}
return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and setting the notice
// handler. A nil notice handler may be used to unset it.
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        c.noticeHandler = handler
        return c
    }
    return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}

```

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## 1.211 isl 0.22.1-1

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The End

## 1.214 libsodium 1.0.18

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/\*

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

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## 1.217 f-list-protobufjs 6.9.0

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The End

# 1.219 tenacity 8.0.1

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## 1.220 chardet 3.0.4

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Other contributors include:

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<one line to give the program's name and a brief idea of what it does.>  
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```

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If the program is interactive, make it output a short notice like this  
when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate  
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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.226 typing-extensions 3.10.0.2

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### A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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## 1.227 cryptsetup 2.2.2-3ubuntu2.4

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ASM: a very small and fast Java bytecode manipulation framework

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analysis/common/src/resources/org/apache/lucene/analysis/snowball  
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The full snowball package is available from  
<http://snowball.tartarus.org/>

The KStem stemmer in

analysis/common/src/org/apache/lucene/analysis/en  
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)  
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default  
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers  
(common) are based on BSD-licensed reference implementations created by Jacques Savoy and  
Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed  
by the Egothor project <http://egothor.sf.net/>, created by Leo Galambos, Martin Kvapil,  
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default  
stopword list that is BSD-licensed created by the Carrot2 project. The file resides  
in `stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt`.  
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The SmartChineseAnalyzer source code (smartcn) was  
provided by Xiaoping Gao and copyright 2009 by [www.imdict.net](http://www.imdict.net).

WordBreakTestUnicode\_\*.java (under `modules/analysis/common/src/test/`)  
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The Morfologik analyzer (morfologik) includes BSD-licensed software  
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Licensing Information User Manual

MySQL Connector/J 8.0

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## Introduction

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Last updated: June 2020

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`ftp://ftp.csx.cam.ac.uk/pub/software/programming/pcre/`

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# 1.248 gpm 1.20.7-5

## 1.248.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: gpm - general purpose mouse

Upstream-Contact: gpm@lists.linux.it

Source: <https://nico.schottelius.org/software/gpm/archives/>

Files: \*

Copyright: 1993 Andrew Haylett <ajh@gec-mrc.co.uk>

1994-2000 Alessandro Rubini <rubini@linux.it>

1998-1999 Ian Zimmerman <itz@rahul.net>

2001-2012 Nico Schottelius <nico@schottelius.org>

License: GPL-2.0+

Files: scripts/git-archiv-tarbz2.sh scripts/report\_success.sh

Copyright: 2008 Nico Schottelius <nico@schottelius.org>

License: GPL-3.0+

Files: debian/\*

Copyright: 1996-1997 Martin Schulze <joe@debian.org>

1997-1999 James Troup <james@nocrew.org>

1998 Franois Gouget <fgouget@mygale.org>

1999-2002 Zephaniah E. Hull <warp@debian.org>

2004-2008 Guillem Jover <guillem@debian.org>

2004-2012 Peter Samuelson <peter@p12n.org>

2008-2017 Samuel Thibault <sthibault@debian.org>

2017 Axel Beckert <abe@debian.org>

License: GPL-2.0+

Comment: It is assumed that the packaging is licensed under the same terms as the upstream code unless stated otherwise.

Files: debian/gpm-microtouch-setup.8

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## 1.249 ca-certificates 20211220-r0

### 1.249.1 Available under license :

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```
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# * furnished to do so, under the terms of the COPYING file.
```

Found in path(s):

```
* /opt/cola/permits/1255209723_1642677937.1/0/ca-certificates-20211220-r0-tgz/src/ca-certificates-20211220/mk-ca-bundle.pl
```

```
* /opt/cola/permits/1255209723_1642677937.1/0/ca-certificates-20211220-r0-tgz/src/ca-certificates-20211220-tar-bz2/ca-certificates-20211220/mk-ca-bundle.pl
```

No license file was found, but licenses were detected in source scan.

```
#
```

```
# This Source Code Form is subject to the terms of the Mozilla Public  
# License, v. 2.0. If a copy of the MPL was not distributed with this  
# file, You can obtain one at http://mozilla.org/MPL/2.0/.
```

```

#
# certdata.txt
#
# This file contains the object definitions for the certs and other
# information "built into" NSS.
#
# Object definitions:
#
# Certificates
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS            CK_OBJECT_CLASS  CKO_CERTIFICATE
# CKA_TOKEN            CK_BBOOL        CK_TRUE
# CKA_PRIVATE          CK_BBOOL        CK_FALSE
# CKA_MODIFIABLE      CK_BBOOL        CK_FALSE
# CKA_LABEL            UTF8            (varies)
# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# CKA_SUBJECT          DER+base64      (varies)
# CKA_ID               byte array      (varies)
# CKA_ISSUER           DER+base64      (varies)
# CKA_SERIAL_NUMBER   DER+base64      (varies)
# CKA_VALUE            DER+base64      (varies)
# CKA_NSS_EMAIL        ASCII7         (unused here)
# CKA_NSS_SERVER_DISTRUST_AFTER DER+base64      (varies)
# CKA_NSS_EMAIL_DISTRUST_AFTER DER+base64      (varies)
#
# Trust
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS            CK_OBJECT_CLASS  CKO_TRUST
# CKA_TOKEN            CK_BBOOL        CK_TRUE
# CKA_PRIVATE          CK_BBOOL        CK_FALSE
# CKA_MODIFIABLE      CK_BBOOL        CK_FALSE
# CKA_LABEL            UTF8            (varies)
# CKA_ISSUER           DER+base64      (varies)
# CKA_SERIAL_NUMBER   DER+base64      (varies)
# CKA_CERT_HASH       binary+base64    (varies)
# CKA_EXPIRES         CK_DATE          (not used here)
# CKA_TRUST_DIGITAL_SIGNATURE CK_TRUST      (varies)
# CKA_TRUST_NON_REPUDIATION CK_TRUST      (varies)
# CKA_TRUST_KEY_ENCIPHERMENT CK_TRUST      (varies)
# CKA_TRUST_DATA_ENCIPHERMENT CK_TRUST      (varies)
# CKA_TRUST_KEY_AGREEMENT CK_TRUST      (varies)
# CKA_TRUST_KEY_CERT_SIGN CK_TRUST      (varies)
# CKA_TRUST_CRL_SIGN  CK_TRUST      (varies)
# CKA_TRUST_SERVER_AUTH CK_TRUST      (varies)
# CKA_TRUST_CLIENT_AUTH CK_TRUST      (varies)
# CKA_TRUST_CODE_SIGNING CK_TRUST      (varies)

```

```

# CKA_TRUST_EMAIL_PROTECTION CK_TRUST      (varies)
# CKA_TRUST_IPSEC_END_SYSTEM CK_TRUST      (varies)
# CKA_TRUST_IPSEC_TUNNEL    CK_TRUST      (varies)
# CKA_TRUST_IPSEC_USER     CK_TRUST      (varies)
# CKA_TRUST_TIME_STAMPING  CK_TRUST      (varies)
# CKA_TRUST_STEP_UP_APPROVED CK_BBOOL      (varies)
# (other trust attributes can be defined)
#

#
# The object to tell NSS that this is a root list and we don't
# have to go looking for others.
#
BEGINDATA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_BUILTIN_ROOT_LIST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Mozilla Builtin Roots"

#
# Certificate "GlobalSign Root CA"
#
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:01:15:4b:5a:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
# Fingerprint (MD5): 3E:45:52:15:09:51:92:E1:B7:5D:37:9F:B1:87:29:8A
# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154

```

\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003  
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031  
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147  
\156\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\025\113\132\303\224

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\165\060\202\002\135\240\003\002\001\002\002\013\004  
\000\000\000\000\001\025\113\132\303\224\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\060\127\061\013\060\011\006  
\003\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004  
\012\023\020\107\154\157\142\141\154\123\151\147\156\040\156\166  
\055\163\141\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\033\060\031\006\003\125\004\003\023\022  
\107\154\157\142\141\154\123\151\147\156\040\122\157\157\164\040  
\103\101\060\036\027\015\071\070\060\071\060\061\061\062\060\060  
\060\060\132\027\015\062\070\060\061\062\070\061\062\060\060\060  
\060\132\060\127\061\013\060\011\006\003\125\004\006\023\002\102  
\105\061\031\060\027\006\003\125\004\012\023\020\107\154\157\142  
\141\154\123\151\147\156\040\156\166\055\163\141\061\020\060\016  
\006\003\125\004\013\023\007\122\157\157\164\040\103\101\061\033  
\060\031\006\003\125\004\003\023\022\107\154\157\142\141\154\123  
\151\147\156\040\122\157\157\164\040\103\101\060\202\001\042\060  
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202  
\001\017\000\060\202\001\012\002\202\001\001\000\332\016\346\231  
\215\316\243\343\117\212\176\373\361\213\203\045\153\352\110\037  
\361\052\260\271\225\021\004\275\360\143\321\342\147\146\317\034  
\335\317\033\110\053\356\215\211\216\232\257\051\200\145\253\351  
\307\055\022\313\253\034\114\160\007\241\075\012\060\315\025\215  
\117\370\335\324\214\120\025\034\357\120\356\304\056\367\374\351  
\122\362\221\175\340\155\325\065\060\216\136\103\163\362\101\351  
\325\152\343\262\211\072\126\071\070\157\006\074\210\151\133\052  
\115\305\247\124\270\154\211\314\233\371\074\312\345\375\211\365  
\022\074\222\170\226\326\334\164\156\223\104\141\321\215\307\106  
\262\165\016\206\350\031\212\325\155\154\325\170\026\225\242\351  
\310\012\070\353\362\044\023\117\163\124\223\023\205\072\033\274  
\036\064\265\213\005\214\271\167\213\261\333\037\040\221\253\011  
\123\156\220\316\173\067\164\271\160\107\221\042\121\143\026\171  
\256\261\256\101\046\010\310\031\053\321\106\252\110\326\144\052  
\327\203\064\377\054\052\301\154\031\103\112\007\205\347\323\174  
\366\041\150\357\352\362\122\237\177\223\220\317\002\003\001\000  
\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004  
\024\140\173\146\032\105\015\227\312\211\120\057\175\004\315\064  
\250\377\374\375\113\060\015\006\011\052\206\110\206\367\015\001

```
\001\005\005\000\003\202\001\001\000\326\163\347\174\117\166\320
\215\277\354\272\242\276\064\305\050\062\265\174\374\154\234\054
\053\275\011\236\123\277\153\136\252\021\110\266\345\010\243\263
\312\075\141\115\323\106\011\263\076\303\240\343\143\125\033\362
\272\357\255\071\341\103\271\070\243\346\057\212\046\073\357\240
\120\126\371\306\012\375\070\315\304\013\160\121\224\227\230\004
\337\303\137\224\325\025\311\024\101\234\304\135\165\144\025\015
\377\125\060\354\206\217\377\015\357\054\271\143\106\366\252\374
\337\274\151\375\056\022\110\144\232\340\225\360\246\357\051\217
\001\261\025\265\014\035\245\376\151\054\151\044\170\036\263\247
\034\161\142\356\312\310\227\254\027\135\212\302\370\107\206\156
\052\304\126\061\225\320\147\211\205\053\371\154\246\135\106\235
\014\252\202\344\231\121\335\160\267\333\126\075\141\344\152\341
\134\326\366\376\075\336\101\314\007\256\143\122\277\123\123\364
\053\351\307\375\266\367\202\137\205\322\101\030\333\201\263\004
\034\305\037\244\200\157\025\040\311\336\014\210\012\035\326\146
\125\342\374\110\311\051\046\151\340
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "GlobalSign Root CA"
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
# Fingerprint (MD5): 3E:45:52:15:09:51:92:E1:B7:5D:37:9F:B1:87:29:8A
# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\274\226\213\324\364\235\142\052\250\232\201\362\025\001\122
\244\035\202\234
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\105\122\025\011\121\222\341\267\135\067\237\261\207\051\212
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
```

```

\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\025\113\132\303\224
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Verisign Class 1 Public Primary Certification Authority - G3"
#
# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): B1:47:BC:18:57:D1:18:A0:78:2D:EC:71:E8:2A:95:73
# Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125

```



\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145  
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\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
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CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110  
\316\261\244

END

CKA\_VALUE MULTILINE\_OCTAL

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\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126\145  
\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145\164  
\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061\050  
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\151\147\156\040\103\154\141\163\163\040\061\040\120\165\142\154  
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\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
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\061\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066  
\062\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003  
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\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060  
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\131\015\254\006\010\302\224\321\063\037\360\203\065\037\156\033  
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\224\310\030\071\355\376\102\030\126\337\344\114\111\020\170\116  
\001\166\065\143\022\066\335\146\274\001\004\066\243\125\150\325  
\242\066\011\254\253\041\046\124\006\255\077\312\024\340\254\312  
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\031\077\043\351\134\333\051\275\255\125\310\033\124\214\143\366  
\350\246\352\307\067\022\134\243\051\036\002\331\333\037\073\264  
\327\017\126\107\201\025\004\112\257\203\047\321\305\130\210\301  
\335\366\252\247\243\030\332\150\252\155\021\121\341\277\145\153  
\237\226\166\321\075\002\003\001\000\001\060\015\006\011\052\206  
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\252\331\252\106\046\017\161\355\245\255\123\126\142\001\107\052  
\104\351\376\077\164\013\023\233\271\364\115\033\262\321\137\262  
\266\322\210\134\263\237\315\313\324\247\331\140\225\204\072\370  
\301\067\035\141\312\347\260\305\345\221\332\124\246\254\061\201  
\256\227\336\315\010\254\270\300\227\200\177\156\162\244\347\151  
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\236\316\315\147\174\117\145\002\377\221\205\124\163\307\377\066  
\367\206\055\354\320\136\117\377\021\237\162\006\326\270\032\361  
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\274\070\335\260\056\021\261\153\262\102\314\232\274\371\110\042  
\171\112\031\017\262\034\076\040\164\331\152\303\276\362\050\170  
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\363\334\017\337\012\207\304\357\206\005\325\070\024\140\231\243  
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# For Email Distrust After: Wed Aug 31 00:00:00 2022

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER MULTILINE\_OCTAL

\062\062\060\070\063\061\060\060\060\060\060\060\132

END

# Trust for Certificate "Verisign Class 1 Public Primary Certification Authority - G3"

# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4

# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

```

# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): B1:47:BC:18:57:D1:18:A0:78:2D:EC:71:E8:2A:95:73
# Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\040\102\205\334\367\353\166\101\225\127\216\023\153\324\267\321
\351\216\106\245
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\261\107\274\030\127\321\030\240\170\055\354\161\350\052\225\163
END
CKA_ISSUER MULTILINE_OCTAL
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\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
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CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110
\316\261\244
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Verisign Class 2 Public Primary Certification Authority - G3"
#
# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a
# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

```

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# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): F8:BE:C4:63:22:C9:A8:46:74:8B:B8:1D:1E:4A:2B:F6
# Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
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\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
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\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
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\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
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\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
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\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055  
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\260\177\373\066\045\332\225\320\361\044\024\027\335\030\200\153
\106\043\071\124\365\216\142\011\004\035\224\220\246\233\346\045
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END

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
# For Email Distrust After: Wed Aug 31 00:00:00 2022
CKA_NSS_EMAIL_DISTRICT_AFTER MULTILINE_OCTAL
\062\062\060\070\063\061\060\060\060\060\060\060\132
END
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```
# Trust for Certificate "Verisign Class 2 Public Primary Certification Authority - G3"
# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a
# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): F8:BE:C4:63:22:C9:A8:46:74:8B:B8:1D:1E:4A:2B:F6
# Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\141\357\103\327\177\312\324\141\121\274\230\340\303\131\022\257
\237\353\143\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\276\304\143\042\311\250\106\164\213\270\035\036\112\053\366
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
```

```
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\141\160\313\111\214\137\230\105\051\347\260\246\331\120
\133\172
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Entrust.net Premium 2048 Secure Server CA"

#

# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net  
Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net  
# Serial Number: 946069240 (0x3863def8)

# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net  
Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net

# Not Valid Before: Fri Dec 24 17:50:51 1999

# Not Valid After : Tue Jul 24 14:15:12 2029

# Fingerprint (MD5): EE:29:31:BC:32:7E:9A:E6:E8:B5:F7:51:B4:34:71:90

# Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
```

\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164  
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164  
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\050\062\060\064\070\051

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156  
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125  
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056  
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143  
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151  
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006  
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105  
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164  
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164  
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\050\062\060\064\070\051

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\070\143\336\370

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\052\060\202\003\022\240\003\002\001\002\002\004\070  
\143\336\370\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\060\201\264\061\024\060\022\006\003\125\004\012\023\013  
\105\156\164\162\165\163\164\056\156\145\164\061\100\060\076\006  
\003\125\004\013\024\067\167\167\167\056\145\156\164\162\165\163  
\164\056\156\145\164\057\103\120\123\137\062\060\064\070\040\151  
\156\143\157\162\160\056\040\142\171\040\162\145\146\056\040\050  
\154\151\155\151\164\163\040\154\151\141\142\056\051\061\045\060  
\043\006\003\125\004\013\023\034\050\143\051\040\061\071\071\071  
\040\105\156\164\162\165\163\164\056\156\145\164\040\114\151\155  
\151\164\145\144\061\063\060\061\006\003\125\004\003\023\052\105  
\156\164\162\165\163\164\056\156\145\164\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\050\062\060\064\070\051\060\036\027\015\071\071\061  
\062\062\064\061\067\065\060\065\061\132\027\015\062\071\060\067  
\062\064\061\064\061\065\061\062\132\060\201\264\061\024\060\022  
\006\003\125\004\012\023\013\105\156\164\162\165\163\164\056\156  
\145\164\061\100\060\076\006\003\125\004\013\024\067\167\167\167  
\056\145\156\164\162\165\163\164\056\156\145\164\057\103\120\123  
\137\062\060\064\070\040\151\156\143\157\162\160\056\040\142\171  
\040\162\145\146\056\040\050\154\151\155\151\164\163\040\154\151  
\141\142\056\051\061\045\060\043\006\003\125\004\013\023\034\050  
\143\051\040\061\071\071\071\040\105\156\164\162\165\163\164\056



\156\145\164\040\114\151\155\151\164\145\144\061\063\060\061\006  
\003\125\004\003\023\052\105\156\164\162\165\163\164\056\156\145  
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\040\050\062\060\064\070\051  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001  
\000\255\115\113\251\022\206\262\352\243\040\007\025\026\144\052  
\053\113\321\277\013\112\115\216\355\200\166\245\147\267\170\100  
\300\163\102\310\150\300\333\123\053\335\136\270\166\230\065\223  
\213\032\235\174\023\072\016\037\133\267\036\317\345\044\024\036  
\261\201\251\215\175\270\314\153\113\003\361\002\014\334\253\245  
\100\044\000\177\164\224\241\235\010\051\263\210\013\365\207\167  
\235\125\315\344\303\176\327\152\144\253\205\024\206\225\133\227  
\062\120\157\075\310\272\146\014\343\374\275\270\111\301\166\211  
\111\031\375\300\250\275\211\243\147\057\306\237\274\161\031\140  
\270\055\351\054\311\220\166\146\173\224\342\257\170\326\145\123  
\135\074\326\234\262\317\051\003\371\057\244\120\262\324\110\316  
\005\062\125\212\375\262\144\114\016\344\230\007\165\333\177\337  
\271\010\125\140\205\060\051\371\173\110\244\151\206\343\065\077  
\036\206\135\172\172\025\275\357\000\216\025\042\124\027\000\220  
\046\223\274\016\111\150\221\277\370\107\323\235\225\102\301\016  
\115\337\157\046\317\303\030\041\142\146\103\160\326\325\300\007  
\341\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\125\344\201\321\021\200\276\330\211\271  
\010\243\061\371\241\044\011\026\271\160\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\073\233  
\217\126\233\060\347\123\231\174\172\171\247\115\227\327\031\225  
\220\373\006\037\312\063\174\106\143\217\226\146\044\372\100\033  
\041\047\312\346\162\163\362\117\376\061\231\375\310\014\114\150  
\123\306\200\202\023\230\372\266\255\332\135\075\361\316\156\366  
\025\021\224\202\014\356\077\225\257\021\253\017\327\057\336\037  
\003\217\127\054\036\311\273\232\032\104\225\353\030\117\246\037  
\315\175\127\020\057\233\004\011\132\204\265\156\330\035\072\341  
\326\236\321\154\171\136\171\034\024\305\343\320\114\223\073\145  
\074\355\337\075\276\246\345\225\032\303\265\031\303\275\136\133  
\273\377\043\357\150\031\313\022\223\047\134\003\055\157\060\320  
\036\266\032\254\336\132\367\321\252\250\047\246\376\171\201\304  
\171\231\063\127\272\022\260\251\340\102\154\223\312\126\336\376  
\155\204\013\010\213\176\215\352\327\230\041\306\363\347\074\171  
\057\136\234\321\114\025\215\341\354\042\067\314\232\103\013\227  
\334\200\220\215\263\147\233\157\110\010\025\126\317\277\361\053  
\174\136\232\166\351\131\220\305\174\203\065\021\145\121

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```
# Trust for "Entrust.net Premium 2048 Secure Server CA"
# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Serial Number: 946069240 (0x3863def8)
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029
# Fingerprint (MD5): EE:29:31:BC:32:7E:9A:E6:E8:B5:F7:51:B4:34:71:90
# Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\120\060\006\011\035\227\324\365\256\071\367\313\347\222\175\175
\145\055\064\061
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\356\051\061\274\062\176\232\346\350\265\367\121\264\064\161\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\070\143\336\370
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Baltimore CyberTrust Root"
#
```

```
# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Serial Number: 33554617 (0x20000b9)
# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Not Valid Before: Fri May 12 18:46:00 2000
# Not Valid After : Mon May 12 23:59:00 2025
# Fingerprint (MD5): AC:B6:94:A5:9C:17:E0:D7:91:52:9B:B1:97:06:A6:E4
# Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Baltimore CyberTrust Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\002\000\000\271
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\004\002
\000\000\271\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\111
\105\061\022\060\020\006\003\125\004\012\023\011\102\141\154\164
\151\155\157\162\145\061\023\060\021\006\003\125\004\013\023\012
\103\171\142\145\162\124\162\165\163\164\061\042\060\040\006\003
\125\004\003\023\031\102\141\154\164\151\155\157\162\145\040\103
\171\142\145\162\124\162\165\163\164\040\122\157\157\164\060\036
\027\015\060\060\060\065\061\062\061\070\064\066\060\060\132\027
\015\062\065\060\065\061\062\062\063\065\071\060\060\132\060\132
\061\013\060\011\006\003\125\004\006\023\002\111\105\061\022\060
\020\006\003\125\004\012\023\011\102\141\154\164\151\155\157\162
\145\061\023\060\021\006\003\125\004\013\023\012\103\171\142\145
\162\124\162\165\163\164\061\042\060\040\006\003\125\004\003\023
```

\031\102\141\154\164\151\155\157\162\145\040\103\171\142\145\162  
\124\162\165\163\164\040\122\157\157\164\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\243\004\273\042\253  
\230\075\127\350\046\162\232\265\171\324\051\342\341\350\225\200  
\261\260\343\133\216\053\051\232\144\337\241\135\355\260\011\005  
\155\333\050\056\316\142\242\142\376\264\210\332\022\353\070\353  
\041\235\300\101\053\001\122\173\210\167\323\034\217\307\272\271  
\210\265\152\011\347\163\350\021\100\247\321\314\312\142\215\055  
\345\217\013\246\120\322\250\120\303\050\352\365\253\045\207\212  
\232\226\034\251\147\270\077\014\325\367\371\122\023\057\302\033  
\325\160\160\360\217\300\022\312\006\313\232\341\331\312\063\172  
\167\326\370\354\271\361\150\104\102\110\023\322\300\302\244\256  
\136\140\376\266\246\005\374\264\335\007\131\002\324\131\030\230  
\143\365\245\143\340\220\014\175\135\262\006\172\363\205\352\353  
\324\003\256\136\204\076\137\377\025\355\151\274\371\071\066\162  
\165\317\167\122\115\363\311\220\054\271\075\345\311\043\123\077  
\037\044\230\041\134\007\231\051\275\306\072\354\347\156\206\072  
\153\227\164\143\063\275\150\030\061\360\170\215\166\277\374\236  
\216\135\052\206\247\115\220\334\047\032\071\002\003\001\000\001  
\243\105\060\103\060\035\006\003\125\035\016\004\026\004\024\345  
\235\131\060\202\107\130\314\254\372\010\124\066\206\173\072\265  
\004\115\360\060\022\006\003\125\035\023\001\001\377\004\010\060  
\006\001\001\377\002\001\003\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\205\014\135\216\344  
\157\121\150\102\005\240\335\273\117\047\045\204\003\275\367\144  
\375\055\327\060\343\244\020\027\353\332\051\051\266\171\077\166  
\366\031\023\043\270\020\012\371\130\244\324\141\160\275\004\141  
\152\022\212\027\325\012\275\305\274\060\174\326\351\014\045\215  
\206\100\117\354\314\243\176\070\306\067\021\117\355\335\150\061  
\216\114\322\263\001\164\356\276\165\136\007\110\032\177\160\377  
\026\134\204\300\171\205\270\005\375\177\276\145\021\243\017\300  
\002\264\370\122\067\071\004\325\251\061\172\030\277\240\052\364  
\022\231\367\243\105\202\343\074\136\365\235\236\265\310\236\174  
\056\310\244\236\116\010\024\113\155\375\160\155\153\032\143\275  
\144\346\037\267\316\360\362\237\056\273\033\267\362\120\210\163  
\222\302\342\343\026\215\232\062\002\253\216\030\335\351\020\021  
\356\176\065\253\220\257\076\060\224\172\320\063\075\247\145\017  
\365\374\216\236\142\317\107\104\054\001\135\273\035\265\062\322  
\107\322\070\056\320\376\201\334\062\152\036\265\356\074\325\374  
\347\201\035\031\303\044\102\352\143\071\251

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Baltimore CyberTrust Root"

```

# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Serial Number: 33554617 (0x20000b9)
# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Not Valid Before: Fri May 12 18:46:00 2000
# Not Valid After : Mon May 12 23:59:00 2025
# Fingerprint (MD5): AC:B6:94:A5:9C:17:E0:D7:91:52:9B:B1:97:06:A6:E4
# Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Baltimore CyberTrust Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\324\336\040\320\136\146\374\123\376\032\120\210\054\170\333\050
\122\312\344\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\254\266\224\245\234\027\340\327\221\122\233\261\227\006\246\344
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\002\000\000\271
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority"
#
# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US
# Serial Number: 1164660820 (0x456b5054)
# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US
# Not Valid Before: Mon Nov 27 20:23:42 2006
# Not Valid After : Fri Nov 27 20:53:42 2026
# Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4
# Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
```

END

CKA\_ID UTF8 "0"

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\004\105\153\120\124
```

END

CKA\_VALUE MULTILINE\_OCTAL

```
\060\202\004\221\060\202\003\171\240\003\002\001\002\002\004\105
\153\120\124\060\015\006\011\052\206\110\206\367\015\001\001\005
\005\000\060\201\260\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164
\162\165\163\164\054\040\111\156\143\056\061\071\060\067\006\003
\125\004\013\023\060\167\167\167\056\145\156\164\162\165\163\164
\056\156\145\164\057\103\120\123\040\151\163\040\151\156\143\157
\162\160\157\162\141\164\145\144\040\142\171\040\162\145\146\145
\162\145\156\143\145\061\037\060\035\006\003\125\004\013\023\026
\050\143\051\040\062\060\060\066\040\105\156\164\162\165\163\164
```

\054\040\111\156\143\056\061\055\060\053\006\003\125\004\003\023  
\044\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171\060\036\027\015\060\066\061\061\062\067\062  
\060\062\063\064\062\132\027\015\062\066\061\061\062\067\062\060  
\065\063\064\062\132\060\201\260\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015  
\105\156\164\162\165\163\164\054\040\111\156\143\056\061\071\060  
\067\006\003\125\004\013\023\060\167\167\167\056\145\156\164\162  
\165\163\164\056\156\145\164\057\103\120\123\040\151\163\040\151  
\156\143\157\162\160\157\162\141\164\145\144\040\142\171\040\162  
\145\146\145\162\145\156\143\145\061\037\060\035\006\003\125\004  
\013\023\026\050\143\051\040\062\060\060\066\040\105\156\164\162  
\165\163\164\054\040\111\156\143\056\061\055\060\053\006\003\125  
\004\003\023\044\105\156\164\162\165\163\164\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\266\225\266\103\102\372\306  
\155\052\157\110\337\224\114\071\127\005\356\303\171\021\101\150  
\066\355\354\376\232\001\217\241\070\050\374\367\020\106\146\056  
\115\036\032\261\032\116\306\321\300\225\210\260\311\377\061\213  
\063\003\333\267\203\173\076\040\204\136\355\262\126\050\247\370  
\340\271\100\161\067\305\313\107\016\227\052\150\300\042\225\142  
\025\333\107\331\365\320\053\377\202\113\311\255\076\336\114\333  
\220\200\120\077\011\212\204\000\354\060\012\075\030\315\373\375  
\052\131\232\043\225\027\054\105\236\037\156\103\171\155\014\134  
\230\376\110\247\305\043\107\134\136\375\156\347\036\264\366\150  
\105\321\206\203\133\242\212\215\261\343\051\200\376\045\161\210  
\255\276\274\217\254\122\226\113\252\121\215\344\023\061\031\350  
\116\115\237\333\254\263\152\325\274\071\124\161\312\172\172\177  
\220\335\175\035\200\331\201\273\131\046\302\021\376\346\223\342  
\367\200\344\145\373\064\067\016\051\200\160\115\257\070\206\056  
\236\177\127\257\236\027\256\353\034\313\050\041\137\266\034\330  
\347\242\004\042\371\323\332\330\313\002\003\001\000\001\243\201  
\260\060\201\255\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\053\006\003\125\035\020\004\044\060\042  
\200\017\062\060\060\066\061\061\062\067\062\060\062\063\064\062  
\132\201\017\062\060\062\066\061\061\062\067\062\060\065\063\064  
\062\132\060\037\006\003\125\035\043\004\030\060\026\200\024\150  
\220\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373  
\204\275\155\060\035\006\003\125\035\016\004\026\004\024\150\220  
\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373\204  
\275\155\060\035\006\011\052\206\110\206\366\175\007\101\000\004  
\020\060\016\033\010\126\067\056\061\072\064\056\060\003\002\004  
\220\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\223\324\060\260\327\003\040\052\320\371\143

```
\350\221\014\005\040\251\137\031\312\173\162\116\324\261\333\320
\226\373\124\132\031\054\014\010\367\262\274\205\250\235\177\155
\073\122\263\052\333\347\324\204\214\143\366\017\313\046\001\221
\120\154\364\137\024\342\223\164\300\023\236\060\072\120\343\264
\140\305\034\360\042\104\215\161\107\254\310\032\311\351\233\232
\000\140\023\377\160\176\137\021\115\111\033\263\025\122\173\311
\124\332\277\235\225\257\153\232\330\236\351\361\344\103\215\342
\021\104\072\277\257\275\203\102\163\122\213\252\273\247\051\317
\365\144\034\012\115\321\274\252\254\237\052\320\377\177\177\332
\175\352\261\355\060\045\301\204\332\064\322\133\170\203\126\354
\234\066\303\046\342\021\366\147\111\035\222\253\214\373\353\377
\172\356\205\112\247\120\200\360\247\134\112\224\056\137\005\231
\074\122\101\340\315\264\143\317\001\103\272\234\203\334\217\140
\073\363\132\264\264\173\256\332\013\220\070\165\357\201\035\146
\322\367\127\160\066\263\277\374\050\257\161\045\205\133\023\376
\036\177\132\264\074
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Entrust Root Certification Authority"
```

```
# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US
```

```
# Serial Number: 1164660820 (0x456b5054)
```

```
# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US
```

```
# Not Valid Before: Mon Nov 27 20:23:42 2006
```

```
# Not Valid After : Fri Nov 27 20:53:42 2026
```

```
# Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4
```

```
# Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Entrust Root Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\263\036\261\267\100\343\154\204\002\332\334\067\324\115\365\324
\147\111\122\371
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\326\245\303\355\135\335\076\000\301\075\207\222\037\035\077\344
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
```



```
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\004\105\153\120\124
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Certum Root CA"

#

# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

# Serial Number: 65568 (0x10020)

# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

# Not Valid Before: Tue Jun 11 10:46:39 2002

# Not Valid After : Fri Jun 11 10:46:39 2027

# Fingerprint (MD5): 2C:8F:9F:66:1D:18:90:B1:47:26:9D:8E:86:82:8C:A9

# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\003\001\000\040
```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\014\060\202\001\364\240\003\002\001\002\002\003\001  
\000\040\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145  
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060  
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103  
\101\060\036\027\015\060\062\060\066\061\061\061\060\064\066\063  
\071\132\027\015\062\067\060\066\061\061\061\060\064\066\063\071  
\132\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145  
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060  
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103  
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\316\261\301\056\323\117\174\315\045\316\030\076\117\304  
\214\157\200\152\163\310\133\121\370\233\322\334\273\000\134\261  
\240\374\165\003\356\201\360\210\356\043\122\351\346\025\063\215  
\254\055\011\305\166\371\053\071\200\211\344\227\113\220\245\250  
\170\370\163\103\173\244\141\260\330\130\314\341\154\146\176\234  
\363\011\136\125\143\204\325\250\357\363\261\056\060\150\263\304  
\074\330\254\156\215\231\132\220\116\064\334\066\232\217\201\210  
\120\267\155\226\102\011\363\327\225\203\015\101\113\260\152\153  
\370\374\017\176\142\237\147\304\355\046\137\020\046\017\010\117  
\360\244\127\050\316\217\270\355\105\366\156\356\045\135\252\156  
\071\276\344\223\057\331\107\240\162\353\372\246\133\257\312\123  
\077\342\016\306\226\126\021\156\367\351\146\251\046\330\177\225  
\123\355\012\205\210\272\117\051\245\102\214\136\266\374\205\040  
\000\252\150\013\241\032\205\001\234\304\106\143\202\210\266\042  
\261\356\376\252\106\131\176\317\065\054\325\266\332\135\367\110  
\063\024\124\266\353\331\157\316\315\210\326\253\033\332\226\073  
\035\131\002\003\001\000\001\243\023\060\021\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\270\215\316\357\347\024\272\317\356\260\104\222\154\264\071\076  
\242\204\156\255\270\041\167\322\324\167\202\207\346\040\101\201  
\356\342\370\021\267\143\321\027\067\276\031\166\044\034\004\032  
\114\353\075\252\147\157\055\324\315\376\145\061\160\305\033\246  
\002\012\272\140\173\155\130\302\232\111\376\143\062\013\153\343  
\072\300\254\253\073\260\350\323\011\121\214\020\203\306\064\340  
\305\053\340\032\266\140\024\047\154\062\167\214\274\262\162\230  
\317\315\314\077\271\310\044\102\024\326\127\374\346\046\103\251  
\035\345\200\220\316\003\124\050\076\367\077\323\370\115\355\152  
\012\072\223\023\233\073\024\043\023\143\234\077\321\207\047\171  
\345\114\121\343\001\255\205\135\032\073\261\325\163\020\244\323  
\362\274\156\144\365\132\126\220\250\307\016\114\164\017\056\161  
\073\367\310\107\364\151\157\025\362\021\136\203\036\234\174\122

```
\256\375\002\332\022\250\131\147\030\333\274\160\335\233\261\151
\355\200\316\211\100\110\152\016\065\312\051\146\025\041\224\054
\350\140\052\233\205\112\100\363\153\212\044\354\006\026\054\163
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Certum Root CA"
# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Serial Number: 65568 (0x10020)
# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Not Valid Before: Tue Jun 11 10:46:39 2002
# Not Valid After : Fri Jun 11 10:46:39 2027
# Fingerprint (MD5): 2C:8F:9F:66:1D:18:90:B1:47:26:9D:8E:86:82:8C:A9
# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\142\122\334\100\367\021\103\242\057\336\236\367\064\216\006\102
\121\261\201\030
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\054\217\237\146\035\030\220\261\107\046\235\216\206\202\214\251
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\000\040
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Comodo AAA Services root"
#
# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number: 1 (0x1)
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
```

```
# Not Valid Before: Thu Jan 01 00:00:00 2004
# Not Valid After : Sun Dec 31 23:59:59 2028
# Fingerprint (MD5): 49:79:04:B0:EB:87:19:AC:47:B0:BC:11:51:9B:74:D0
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\062\060\202\003\032\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040\103
\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003\125
\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151\143
\141\164\145\040\123\145\162\166\151\143\145\163\060\036\027\015
\060\064\060\061\060\061\060\060\060\060\060\060\132\027\015\062
\070\061\062\063\061\062\063\065\071\065\071\132\060\173\061\013
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006
```

\003\125\004\010\014\022\107\162\145\141\164\145\162\040\115\141  
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004  
\007\014\007\123\141\154\146\157\162\144\061\032\060\030\006\003  
\125\004\012\014\021\103\157\155\157\144\157\040\103\101\040\114  
\151\155\151\164\145\144\061\041\060\037\006\003\125\004\003\014  
\030\101\101\101\040\103\145\162\164\151\146\151\143\141\164\145  
\040\123\145\162\166\151\143\145\163\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\276\100\235\364\156\341  
\352\166\207\034\115\105\104\216\276\106\310\203\006\235\301\052  
\376\030\037\216\344\002\372\363\253\135\120\212\026\061\013\232  
\006\320\305\160\042\315\111\055\124\143\314\266\156\150\106\013  
\123\352\313\114\044\300\274\162\116\352\361\025\256\364\124\232  
\022\012\303\172\262\063\140\342\332\211\125\363\042\130\363\336  
\334\317\357\203\206\242\214\224\117\237\150\362\230\220\106\204  
\047\307\166\277\343\314\065\054\213\136\007\144\145\202\300\110  
\260\250\221\371\141\237\166\040\120\250\221\307\146\265\353\170  
\142\003\126\360\212\032\023\352\061\243\036\240\231\375\070\366  
\366\047\062\130\157\007\365\153\270\373\024\053\257\267\252\314  
\326\143\137\163\214\332\005\231\250\070\250\313\027\170\066\121  
\254\351\236\364\170\072\215\317\017\331\102\342\230\014\253\057  
\237\016\001\336\357\237\231\111\361\055\337\254\164\115\033\230  
\265\107\305\345\051\321\371\220\030\307\142\234\276\203\307\046  
\173\076\212\045\307\300\335\235\346\065\150\020\040\235\217\330  
\336\322\303\204\234\015\136\350\057\311\002\003\001\000\001\243  
\201\300\060\201\275\060\035\006\003\125\035\016\004\026\004\024  
\240\021\012\043\076\226\361\007\354\342\257\051\357\202\245\177  
\320\060\244\264\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\173\006\003\125\035\037\004\164\060\162  
\060\070\240\066\240\064\206\062\150\164\164\160\072\057\057\143  
\162\154\056\143\157\155\157\144\157\143\141\056\143\157\155\057  
\101\101\101\103\145\162\164\151\146\151\143\141\164\145\123\145  
\162\166\151\143\145\163\056\143\162\154\060\066\240\064\240\062  
\206\060\150\164\164\160\072\057\057\143\162\154\056\143\157\155  
\157\144\157\056\156\145\164\057\101\101\101\103\145\162\164\151  
\146\151\143\141\164\145\123\145\162\166\151\143\145\163\056\143  
\162\154\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\003\202\001\001\000\010\126\374\002\360\233\350\377\244\372  
\326\173\306\104\200\316\117\304\305\366\000\130\314\246\266\274  
\024\111\150\004\166\350\346\356\135\354\002\017\140\326\215\120  
\030\117\046\116\001\343\346\260\245\356\277\274\164\124\101\277  
\375\374\022\270\307\117\132\364\211\140\005\177\140\267\005\112  
\363\366\361\302\277\304\271\164\206\266\055\175\153\314\322\363  
\106\335\057\306\340\152\303\303\064\003\054\175\226\335\132\302  
\016\247\012\231\301\005\213\253\014\057\363\134\072\317\154\067  
\125\011\207\336\123\100\154\130\357\374\266\253\145\156\004\366  
\033\334\074\340\132\025\306\236\331\361\131\110\060\041\145\003

```
\154\354\351\041\163\354\233\003\241\340\067\255\240\025\030\217
\372\272\002\316\247\054\251\020\023\054\324\345\010\046\253\042
\227\140\370\220\136\164\324\242\232\123\275\362\251\150\340\242
\156\302\327\154\261\243\017\236\277\353\150\347\126\362\256\362
\343\053\070\072\011\201\265\153\205\327\276\055\355\077\032\267
\262\143\342\365\142\054\202\324\152\000\101\120\361\071\203\237
\225\351\066\226\230\156
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Comodo AAA Services root"
```

```
# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
```

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
```

```
# Not Valid Before: Thu Jan 01 00:00:00 2004
```

```
# Not Valid After : Sun Dec 31 23:59:59 2028
```

```
# Fingerprint (MD5): 49:79:04:B0:EB:87:19:AC:47:B0:BC:11:51:9B:74:D0
```

```
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Comodo AAA Services root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\321\353\043\244\155\027\326\217\331\045\144\302\361\361\140\027
\144\330\343\111
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\111\171\004\260\353\207\031\254\107\260\274\021\121\233\164\320
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "QuoVadis Root CA 2"

#

# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM

# Serial Number: 1289 (0x509)

# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM

# Not Valid Before: Fri Nov 24 18:27:00 2006

# Not Valid After : Mon Nov 24 18:23:33 2031

# Fingerprint (MD5): 5E:39:7B:DD:F8:BA:EC:82:E9:AC:62:BA:0C:54:00:2B

# Fingerprint (SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\005\011

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\267\060\202\003\237\240\003\002\001\002\002\002\005  
\011\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062\060\036\027\015\060\066\061\061\062  
\064\061\070\062\067\060\060\132\027\015\063\061\061\061\062\064  
\061\070\062\063\063\063\132\060\105\061\013\060\011\006\003\125  
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023  
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145

\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126  
\141\144\151\163\040\122\157\157\164\040\103\101\040\062\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\232  
\030\312\113\224\015\000\055\257\003\051\212\360\017\201\310\256  
\114\031\205\035\010\237\253\051\104\205\363\057\201\255\062\036  
\220\106\277\243\206\046\032\036\376\176\034\030\072\134\234\140  
\027\052\072\164\203\063\060\175\141\124\021\313\355\253\340\346  
\322\242\176\365\153\157\030\267\012\013\055\375\351\076\357\012  
\306\263\020\351\334\302\106\027\370\135\375\244\332\377\236\111  
\132\234\346\063\346\044\226\367\077\272\133\053\034\172\065\302  
\326\147\376\253\146\120\213\155\050\140\053\357\327\140\303\307  
\223\274\215\066\221\363\177\370\333\021\023\304\234\167\166\301  
\256\267\002\152\201\172\251\105\203\342\005\346\271\126\301\224  
\067\217\110\161\143\042\354\027\145\007\225\212\113\337\217\306  
\132\012\345\260\343\137\136\153\021\253\014\371\205\353\104\351  
\370\004\163\362\351\376\134\230\214\365\163\257\153\264\176\315  
\324\134\002\053\114\071\341\262\225\225\055\102\207\327\325\263  
\220\103\267\154\023\361\336\335\366\304\370\211\077\321\165\365  
\222\303\221\325\212\210\320\220\354\334\155\336\211\302\145\161  
\226\213\015\003\375\234\277\133\026\254\222\333\352\376\171\174  
\255\353\257\367\026\313\333\315\045\053\345\037\373\232\237\342  
\121\314\072\123\014\110\346\016\275\311\264\166\006\122\346\021  
\023\205\162\143\003\004\340\004\066\053\040\031\002\350\164\247  
\037\266\311\126\146\360\165\045\334\147\301\016\141\140\210\263  
\076\321\250\374\243\332\035\260\321\261\043\124\337\104\166\155  
\355\101\330\301\262\042\266\123\034\337\065\035\334\241\167\052  
\061\344\055\365\345\345\333\310\340\377\345\200\327\013\143\240  
\377\063\241\017\272\054\025\025\352\227\263\322\242\265\276\362  
\214\226\036\032\217\035\154\244\141\067\271\206\163\063\327\227  
\226\236\043\175\202\244\114\201\342\241\321\272\147\137\225\007  
\243\047\021\356\026\020\173\274\105\112\114\262\004\322\253\357  
\325\375\014\121\316\120\152\010\061\371\221\332\014\217\144\134  
\003\303\072\213\040\077\156\215\147\075\072\326\376\175\133\210  
\311\136\373\314\141\334\213\063\167\323\104\062\065\011\142\004  
\222\026\020\330\236\047\107\373\073\041\343\370\353\035\133\002  
\003\001\000\001\243\201\260\060\201\255\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003\125  
\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016\004  
\026\004\024\032\204\142\274\110\114\063\045\004\324\356\320\366  
\003\304\031\106\321\224\153\060\156\006\003\125\035\043\004\147  
\060\145\200\024\032\204\142\274\110\114\063\045\004\324\356\320  
\366\003\304\031\106\321\224\153\241\111\244\107\060\105\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\033\060\031\006\003\125\004\003\023  
\022\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\062\202\002\005\011\060\015\006\011\052\206\110\206\367



\015\001\001\005\005\000\003\202\002\001\000\076\012\026\115\237  
\006\133\250\256\161\135\057\005\057\147\346\023\105\203\304\066  
\366\363\300\046\014\015\265\107\144\135\370\264\162\311\106\245  
\003\030\047\125\211\170\175\166\352\226\064\200\027\040\334\347  
\203\370\215\374\007\270\332\137\115\056\147\262\204\375\331\104  
\374\167\120\201\346\174\264\311\015\013\162\123\370\166\007\007  
\101\107\226\014\373\340\202\046\223\125\214\376\042\037\140\145  
\174\137\347\046\263\367\062\220\230\120\324\067\161\125\366\222  
\041\170\367\225\171\372\370\055\046\207\146\126\060\167\246\067  
\170\063\122\020\130\256\077\141\216\362\152\261\357\030\176\112  
\131\143\312\215\242\126\325\247\057\274\126\037\317\071\301\342  
\373\012\250\025\054\175\115\172\143\306\154\227\104\074\322\157  
\303\112\027\012\370\220\322\127\242\031\121\245\055\227\101\332  
\007\117\251\120\332\220\215\224\106\341\076\360\224\375\020\000  
\070\365\073\350\100\341\264\156\126\032\040\314\157\130\215\355  
\056\105\217\326\351\223\077\347\261\054\337\072\326\042\214\334  
\204\273\042\157\320\370\344\306\071\351\004\210\074\303\272\353  
\125\172\155\200\231\044\365\154\001\373\370\227\260\224\133\353  
\375\322\157\361\167\150\015\065\144\043\254\270\125\241\003\321  
\115\102\031\334\370\165\131\126\243\371\250\111\171\370\257\016  
\271\021\240\174\267\152\355\064\320\266\046\142\070\032\207\014  
\370\350\375\056\323\220\177\007\221\052\035\326\176\134\205\203  
\231\260\070\010\077\351\136\371\065\007\344\311\142\156\127\177  
\247\120\225\367\272\310\233\346\216\242\001\305\326\146\277\171  
\141\363\074\034\341\271\202\134\135\240\303\351\330\110\275\031  
\242\021\024\031\156\262\206\033\150\076\110\067\032\210\267\135  
\226\136\234\307\357\047\142\010\342\221\031\134\322\361\041\335  
\272\027\102\202\227\161\201\123\061\251\237\366\175\142\277\162  
\341\243\223\035\314\212\046\132\011\070\320\316\327\015\200\026  
\264\170\245\072\207\114\215\212\245\325\106\227\362\054\020\271  
\274\124\042\300\001\120\151\103\236\364\262\357\155\370\354\332  
\361\343\261\357\337\221\217\124\052\013\045\301\046\031\304\122  
\020\005\145\325\202\020\352\302\061\315\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "QuoVadis Root CA 2"  
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM  
# Serial Number: 1289 (0x509)  
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM  
# Not Valid Before: Fri Nov 24 18:27:00 2006  
# Not Valid After : Mon Nov 24 18:23:33 2031  
# Fingerprint (MD5): 5E:39:7B:DD:F8:BA:EC:82:E9:AC:62:BA:0C:54:00:2B  
# Fingerprint (SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\312\072\373\317\022\100\066\113\104\262\026\040\210\200\110\071
\031\223\174\367
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\136\071\173\335\370\272\354\202\351\254\142\272\014\124\000\053
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\011
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3"
#
# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Serial Number: 1478 (0x5c6)
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 19:11:23 2006
# Not Valid After : Mon Nov 24 19:06:44 2031
# Fingerprint (MD5): 31:85:3C:62:94:97:63:B9:AA:FD:89:4E:AF:6F:E0:CF
# Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
END

```

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\005\306

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\235\060\202\004\205\240\003\002\001\002\002\002\005  
\306\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\063\060\036\027\015\060\066\061\061\062  
\064\061\071\061\061\062\063\132\027\015\063\061\061\061\062\064  
\061\071\060\066\064\064\132\060\105\061\013\060\011\006\003\125  
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023  
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145  
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126  
\141\144\151\163\040\122\157\157\164\040\103\101\040\063\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\314  
\127\102\026\124\234\346\230\323\323\115\356\376\355\307\237\103  
\071\112\145\263\350\026\210\064\333\015\131\221\164\317\222\270  
\004\100\255\002\113\061\253\274\215\221\150\330\040\016\032\001  
\342\032\173\116\027\135\342\212\267\077\231\032\315\353\141\253  
\302\145\246\037\267\267\275\267\217\374\375\160\217\013\240\147  
\276\001\242\131\317\161\346\017\051\166\377\261\126\171\105\053  
\037\236\172\124\350\243\051\065\150\244\001\117\017\244\056\067  
\357\033\277\343\217\020\250\162\253\130\127\347\124\206\310\311  
\363\133\332\054\332\135\216\156\074\243\076\332\373\202\345\335  
\362\134\262\005\063\157\212\066\316\320\023\116\377\277\112\014  
\064\114\246\303\041\275\120\004\125\353\261\273\235\373\105\036  
\144\025\336\125\001\214\002\166\265\313\241\077\102\151\274\057  
\275\150\103\026\126\211\052\067\141\221\375\246\256\116\300\313  
\024\145\224\067\113\222\006\357\004\320\310\234\210\333\013\173  
\201\257\261\075\052\304\145\072\170\266\356\334\200\261\322\323  
\231\234\072\356\153\132\153\263\215\267\325\316\234\302\276\245  
\113\057\026\261\236\150\073\006\157\256\175\237\370\336\354\314  
\051\247\230\243\045\103\057\357\361\137\046\341\210\115\370\136  
\156\327\331\024\156\031\063\151\247\073\204\211\223\304\123\125  
\023\241\121\170\100\370\270\311\242\356\173\272\122\102\203\236  
\024\355\005\122\132\131\126\247\227\374\235\077\012\051\330\334

\117\221\016\023\274\336\225\244\337\213\231\276\254\233\063\210  
\357\265\201\257\033\306\042\123\310\366\307\356\227\024\260\305  
\174\170\122\310\360\316\156\167\140\204\246\351\052\166\040\355  
\130\001\027\060\223\351\032\213\340\163\143\331\152\222\224\111  
\116\264\255\112\205\304\243\042\060\374\011\355\150\042\163\246  
\210\014\125\041\130\305\341\072\237\052\335\312\341\220\340\331  
\163\253\154\200\270\350\013\144\223\240\234\214\031\377\263\322  
\014\354\221\046\207\212\263\242\341\160\217\054\012\345\315\155  
\150\121\353\332\077\005\177\213\062\346\023\134\153\376\137\100  
\342\042\310\264\264\144\117\326\272\175\110\076\250\151\014\327  
\273\206\161\311\163\270\077\073\235\045\113\332\377\100\353\002  
\003\001\000\001\243\202\001\225\060\202\001\221\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\201\341  
\006\003\125\035\040\004\201\331\060\201\326\060\201\323\006\011  
\053\006\001\004\001\276\130\000\003\060\201\305\060\201\223\006  
\010\053\006\001\005\005\007\002\002\060\201\206\032\201\203\101  
\156\171\040\165\163\145\040\157\146\040\164\150\151\163\040\103  
\145\162\164\151\146\151\143\141\164\145\040\143\157\156\163\164  
\151\164\165\164\145\163\040\141\143\143\145\160\164\141\156\143  
\145\040\157\146\040\164\150\145\040\121\165\157\126\141\144\151  
\163\040\122\157\157\164\040\103\101\040\063\040\103\145\162\164  
\151\146\151\143\141\164\145\040\120\157\154\151\143\171\040\057  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\120  
\162\141\143\164\151\143\145\040\123\164\141\164\145\155\145\156  
\164\056\060\055\006\010\053\006\001\005\005\007\002\001\026\041  
\150\164\164\160\072\057\057\167\167\167\056\161\165\157\166\141  
\144\151\163\147\154\157\142\141\154\056\143\157\155\057\143\160  
\163\060\013\006\003\125\035\017\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\362\300\023\340\202\103\076  
\373\356\057\147\062\226\065\134\333\270\313\002\320\060\156\006  
\003\125\035\043\004\147\060\145\200\024\362\300\023\340\202\103  
\076\373\356\057\147\062\226\065\134\333\270\313\002\320\241\111  
\244\107\060\105\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\033\060\031  
\006\003\125\004\003\023\022\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\063\202\002\005\306\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001  
\000\117\255\240\054\114\372\300\362\157\367\146\125\253\043\064  
\356\347\051\332\303\133\266\260\203\331\320\320\342\041\373\363  
\140\247\073\135\140\123\047\242\233\366\010\042\052\347\277\240  
\162\345\234\044\152\061\261\220\172\047\333\204\021\211\047\246  
\167\132\070\327\277\254\206\374\356\135\203\274\006\306\321\167  
\153\017\155\044\057\113\172\154\247\007\226\312\343\204\237\255  
\210\213\035\253\026\215\133\146\027\331\026\364\213\200\322\335  
\370\262\166\303\374\070\023\252\014\336\102\151\053\156\363\074  
\353\200\047\333\365\246\104\015\237\132\125\131\013\325\015\122  
\110\305\256\237\362\057\200\305\352\062\120\065\022\227\056\301

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\341\377\361\043\210\121\070\237\362\146\126\166\347\017\121\227
\245\122\014\115\111\121\225\066\075\277\242\113\014\020\035\206
\231\114\252\363\162\021\223\344\352\366\233\332\250\135\247\115
\267\236\002\256\163\000\310\332\043\003\350\371\352\031\164\142
\000\224\313\042\040\276\224\247\131\265\202\152\276\231\171\172
\251\362\112\044\122\367\164\375\272\116\346\250\035\002\156\261
\015\200\104\301\256\323\043\067\137\273\205\174\053\222\056\350
\176\245\213\335\231\341\277\047\157\055\135\252\173\207\376\012
\335\113\374\216\365\046\344\156\160\102\156\063\354\061\236\173
\223\301\344\311\151\032\075\300\153\116\042\155\356\253\130\115
\306\320\101\301\053\352\117\022\207\136\353\105\330\154\365\230
\002\323\240\330\125\212\006\231\031\242\240\167\321\060\236\254
\314\165\356\203\365\260\142\071\317\154\127\342\114\322\221\013
\016\165\050\033\232\277\375\032\103\361\312\167\373\073\217\141
\270\151\050\026\102\004\136\160\052\034\041\330\217\341\275\043
\133\055\164\100\222\331\143\031\015\163\335\151\274\142\107\274
\340\164\053\262\353\175\276\101\033\265\300\106\305\241\042\313
\137\116\301\050\222\336\030\272\325\052\050\273\021\213\027\223
\230\231\140\224\134\043\317\132\047\227\136\013\005\006\223\067
\036\073\151\066\353\251\236\141\035\217\062\332\216\014\326\164
\076\173\011\044\332\001\167\107\304\073\315\064\214\231\365\312
\341\045\141\063\262\131\033\342\156\327\067\127\266\015\251\022
\332
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "QuoVadis Root CA 3"
# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Serial Number: 1478 (0x5c6)
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 19:11:23 2006
# Not Valid After : Mon Nov 24 19:06:44 2031
# Fingerprint (MD5): 31:85:3C:62:94:97:63:B9:AA:FD:89:4E:AF:6F:E0:CF
# Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\037\111\024\367\330\164\225\035\335\256\002\300\276\375\072\055
\202\165\121\205
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\061\205\074\142\224\227\143\271\252\375\211\116\257\157\340\317
```

END

```

CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\306
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Security Communication Root CA"
#
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Not Valid Before: Tue Sep 30 04:20:49 2003
# Not Valid After : Sat Sep 30 04:20:49 2023
# Fingerprint (MD5): F1:BC:63:6A:54:E0:B5:27:F5:CD:E7:1A:E3:4D:6E:4A
# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
END

```

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\132\060\202\002\102\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061\030  
\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040\124  
\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125\004  
\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155\155  
\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103\101  
\061\060\036\027\015\060\063\060\071\063\060\060\064\062\060\064  
\071\132\027\015\062\063\060\071\063\060\060\064\062\060\064\071  
\132\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120  
\061\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115  
\040\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003  
\125\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157  
\155\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164  
\103\101\061\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\263\263\376\177\323\155\261\357\026\174\127\245  
\014\155\166\212\057\113\277\144\373\114\356\212\360\363\051\174  
\365\377\356\052\340\351\351\272\133\144\042\232\232\157\054\072  
\046\151\121\005\231\046\334\325\034\152\161\306\232\175\036\235  
\335\174\154\306\214\147\147\112\076\370\161\260\031\047\251\011  
\014\246\225\277\113\214\014\372\125\230\073\330\350\042\241\113  
\161\070\171\254\227\222\151\263\211\176\352\041\150\006\230\024  
\226\207\322\141\066\274\155\047\126\236\127\356\300\300\126\375  
\062\317\244\331\216\302\043\327\215\250\363\330\045\254\227\344  
\160\070\364\266\072\264\235\073\227\046\103\243\241\274\111\131  
\162\114\043\060\207\001\130\366\116\276\034\150\126\146\257\315  
\101\135\310\263\115\052\125\106\253\037\332\036\342\100\075\333  
\315\175\271\222\200\234\067\335\014\226\144\235\334\042\367\144  
\213\337\141\336\025\224\122\025\240\175\122\311\113\250\041\311  
\306\261\355\313\303\225\140\321\017\360\253\160\370\337\313\115  
\176\354\326\372\253\331\275\177\124\362\245\351\171\372\331\326  
\166\044\050\163\002\003\001\000\001\243\077\060\075\060\035\006  
\003\125\035\016\004\026\004\024\240\163\111\231\150\334\205\133  
\145\343\233\050\057\127\237\275\063\274\007\110\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\150\100  
\251\250\273\344\117\135\171\263\005\265\027\263\140\023\353\306  
\222\135\340\321\323\152\376\373\276\233\155\277\307\005\155\131  
\040\304\034\360\267\332\204\130\002\143\372\110\026\357\117\245  
\013\367\112\230\362\077\236\033\255\107\153\143\316\010\107\353  
\122\077\170\234\257\115\256\370\325\117\317\232\230\052\020\101  
\071\122\304\335\331\233\016\357\223\001\256\262\056\312\150\102

```
\044\102\154\260\263\072\076\315\351\332\110\304\025\313\351\371
\007\017\222\120\111\212\335\061\227\137\311\351\067\252\073\131
\145\227\224\062\311\263\237\076\072\142\130\305\111\255\142\016
\161\245\062\252\057\306\211\166\103\100\023\023\147\075\242\124
\045\020\313\361\072\362\331\372\333\111\126\273\246\376\247\101
\065\303\340\210\141\311\210\307\337\066\020\042\230\131\352\260
\112\373\126\026\163\156\254\115\367\042\241\117\255\035\172\055
\105\047\345\060\301\136\362\332\023\313\045\102\121\225\107\003
\214\154\041\314\164\102\355\123\377\063\213\217\017\127\001\026
\057\317\246\356\311\160\042\024\275\375\276\154\013\003
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Security Communication Root CA"
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Not Valid Before: Tue Sep 30 04:20:49 2003
# Not Valid After : Sat Sep 30 04:20:49 2023
# Fingerprint (MD5): F1:BC:63:6A:54:E0:B5:27:F5:CD:E7:1A:E3:4D:6E:4A
# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\066\261\053\111\371\201\236\327\114\236\274\070\017\306\126\217
\135\254\262\367
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\361\274\143\152\124\340\265\047\365\315\347\032\343\115\156\112
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```



CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Camerfirma Chambers of Commerce Root"

#

# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Serial Number: 0 (0x0)

# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Not Valid Before: Tue Sep 30 16:13:43 2003

# Not Valid After : Wed Sep 30 16:13:44 2037

# Fingerprint (MD5): B0:01:EE:14:D9:AF:29:18:94:76:8E:F1:69:33:2A:84

# Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Camerfirma Chambers of Commerce Root"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\275\060\202\003\245\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047  
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145  
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070  
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013  
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060\040  
\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163\040  
\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157\164  
\060\036\027\015\060\063\060\071\063\060\061\066\061\063\064\063  
\132\027\015\063\067\060\071\063\060\061\066\061\063\064\064\132  
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164\060\202\001\040\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\015\000\060\202\001\010\002\202\001  
\001\000\267\066\125\345\245\135\030\060\340\332\211\124\221\374  
\310\307\122\370\057\120\331\357\261\165\163\145\107\175\033\133  
\272\165\305\374\241\210\044\372\057\355\312\010\112\071\124\304  
\121\172\265\332\140\352\070\074\201\262\313\361\273\331\221\043  
\077\110\001\160\165\251\005\052\255\037\161\363\311\124\075\035  
\006\152\100\076\263\014\205\356\134\033\171\302\142\304\270\066  
\216\065\135\001\014\043\004\107\065\252\233\140\116\240\146\075  
\313\046\012\234\100\241\364\135\230\277\161\253\245\000\150\052  
\355\203\172\017\242\024\265\324\042\263\200\260\074\014\132\121  
\151\055\130\030\217\355\231\236\361\256\342\225\346\366\107\250  
\326\014\017\260\130\130\333\303\146\067\236\233\221\124\063\067  
\322\224\034\152\110\311\311\362\245\332\245\014\043\367\043\016  
\234\062\125\136\161\234\204\005\121\232\055\375\346\116\052\064  
\132\336\312\100\067\147\014\124\041\125\167\332\012\014\314\227  
\256\200\334\224\066\112\364\076\316\066\023\036\123\344\254\116  
\072\005\354\333\256\162\234\070\213\320\071\073\211\012\076\167  
\376\165\002\001\003\243\202\001\104\060\202\001\100\060\022\006  
\003\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001  
\014\060\074\006\003\125\035\037\004\065\060\063\060\061\240\057  
\240\055\206\053\150\164\164\160\072\057\057\143\162\154\056\143  
\150\141\155\142\145\162\163\151\147\156\056\157\162\147\057\143  
\150\141\155\142\145\162\163\162\157\157\164\056\143\162\154\060  
\035\006\003\125\035\016\004\026\004\024\343\224\365\261\115\351  
\333\241\051\133\127\213\115\166\006\166\341\321\242\212\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021  
\006\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000

\007\060\047\006\003\125\035\021\004\040\060\036\201\034\143\150  
\141\155\142\145\162\163\162\157\157\164\100\143\150\141\155\142  
\145\162\163\151\147\156\056\157\162\147\060\047\006\003\125\035  
\022\004\040\060\036\201\034\143\150\141\155\142\145\162\163\162  
\157\157\164\100\143\150\141\155\142\145\162\163\151\147\156\056  
\157\162\147\060\130\006\003\125\035\040\004\121\060\117\060\115  
\006\013\053\006\001\004\001\201\207\056\012\003\001\060\076\060  
\074\006\010\053\006\001\005\005\007\002\001\026\060\150\164\164  
\160\072\057\057\143\160\163\056\143\150\141\155\142\145\162\163  
\151\147\156\056\157\162\147\057\143\160\163\057\143\150\141\155  
\142\145\162\163\162\157\157\164\056\150\164\155\154\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\014\101\227\302\032\206\300\042\174\237\373\220\363\032\321  
\003\261\357\023\371\041\137\004\234\332\311\245\215\047\154\226  
\207\221\276\101\220\001\162\223\347\036\175\137\366\211\306\135  
\247\100\011\075\254\111\105\105\334\056\215\060\150\262\011\272  
\373\303\057\314\272\013\337\077\167\173\106\175\072\022\044\216  
\226\217\074\005\012\157\322\224\050\035\155\014\300\056\210\042  
\325\330\317\035\023\307\360\110\327\327\005\247\317\307\107\236  
\073\074\064\310\200\117\324\024\273\374\015\120\367\372\263\354  
\102\137\251\335\155\310\364\165\317\173\301\162\046\261\001\034  
\134\054\375\172\116\264\001\305\005\127\271\347\074\252\005\331  
\210\351\007\106\101\316\357\101\201\256\130\337\203\242\256\312  
\327\167\037\347\000\074\235\157\216\344\062\011\035\115\170\064  
\170\064\074\224\233\046\355\117\161\306\031\172\275\040\042\110  
\132\376\113\175\003\267\347\130\276\306\062\116\164\036\150\335  
\250\150\133\263\076\356\142\175\331\200\350\012\165\172\267\356  
\264\145\232\041\220\340\252\320\230\274\070\265\163\074\213\370  
\334

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
# For Email Distrust After: Mon Mar 01 00:00:00 2021  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER MULTILINE\_OCTAL  
\062\061\060\063\060\061\060\060\060\060\060\060\132  
END

# Trust for Certificate "Camerfirma Chambers of Commerce Root"  
# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU  
# Serial Number: 0 (0x0)  
# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU  
# Not Valid Before: Tue Sep 30 16:13:43 2003  
# Not Valid After : Wed Sep 30 16:13:44 2037  
# Fingerprint (MD5): B0:01:EE:14:D9:AF:29:18:94:76:8E:F1:69:33:2A:84  
# Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Chambers of Commerce Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\156\072\125\244\031\014\031\134\223\204\074\300\333\162\056\061
\060\141\360\261
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\260\001\356\024\331\257\051\030\224\166\216\361\151\063\052\204
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Camerfirma Global Chambersign Root"
#
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:14:18 2003
# Not Valid After : Wed Sep 30 16:14:18 2037
# Fingerprint (MD5): C5:E6:7B:BF:06:D0:4F:43:ED:C4:7A:65:8A:FB:6B:19
# Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060  
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103  
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060  
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103  
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\305\060\202\003\255\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047  
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145  
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070  
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013  
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036  
\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150  
\141\155\142\145\162\163\151\147\156\040\122\157\157\164\060\036  
\027\015\060\063\060\071\063\060\061\066\061\064\061\070\132\027  
\015\063\067\060\071\063\060\061\066\061\064\061\070\132\060\175  
\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047\060  
\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145\162  
\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070\062  
\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013\023  
\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141\155  
\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036\006  
\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150\141  
\155\142\145\162\163\151\147\156\040\122\157\157\164\060\202\001  
\040\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\001\015\000\060\202\001\010\002\202\001\001\000\242\160  
\242\320\237\102\256\133\027\307\330\175\317\024\203\374\117\311

\241\267\023\257\212\327\236\076\004\012\222\213\140\126\372\264  
\062\057\210\115\241\140\010\364\267\011\116\240\111\057\111\326  
\323\337\235\227\132\237\224\004\160\354\077\131\331\267\314\146  
\213\230\122\050\011\002\337\305\057\204\215\172\227\167\277\354  
\100\235\045\162\253\265\077\062\230\373\267\267\374\162\204\345  
\065\207\371\125\372\243\037\016\157\056\050\335\151\240\331\102  
\020\306\370\265\104\302\320\103\177\333\274\344\242\074\152\125  
\170\012\167\251\330\352\031\062\267\057\376\134\077\033\356\261  
\230\354\312\255\172\151\105\343\226\017\125\366\346\355\165\352  
\145\350\062\126\223\106\211\250\045\212\145\006\356\153\277\171  
\007\320\361\267\257\355\054\115\222\273\300\250\137\247\147\175  
\004\362\025\010\160\254\222\326\175\004\322\063\373\114\266\013  
\013\373\032\311\304\215\003\251\176\134\362\120\253\022\245\241  
\317\110\120\245\357\322\310\032\023\372\260\177\261\202\034\167  
\152\017\137\334\013\225\217\357\103\176\346\105\011\045\002\001  
\003\243\202\001\120\060\202\001\114\060\022\006\003\125\035\023  
\001\001\377\004\010\060\006\001\001\377\002\001\014\060\077\006  
\003\125\035\037\004\070\060\066\060\064\240\062\240\060\206\056  
\150\164\164\160\072\057\057\143\162\154\056\143\150\141\155\142  
\145\162\163\151\147\156\056\157\162\147\057\143\150\141\155\142  
\145\162\163\151\147\156\162\157\157\164\056\143\162\154\060\035  
\006\003\125\035\016\004\026\004\024\103\234\066\237\260\236\060  
\115\306\316\137\255\020\253\345\003\245\372\251\024\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021\006  
\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007  
\060\052\006\003\125\035\021\004\043\060\041\201\037\143\150\141  
\155\142\145\162\163\151\147\156\162\157\157\164\100\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\060\052\006\003  
\125\035\022\004\043\060\041\201\037\143\150\141\155\142\145\162  
\163\151\147\156\162\157\157\164\100\143\150\141\155\142\145\162  
\163\151\147\156\056\157\162\147\060\133\006\003\125\035\040\004  
\124\060\122\060\120\006\013\053\006\001\004\001\201\207\056\012  
\001\001\060\101\060\077\006\010\053\006\001\005\005\007\002\001  
\026\063\150\164\164\160\072\057\057\143\160\163\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\057\143\160\163  
\057\143\150\141\155\142\145\162\163\151\147\156\162\157\157\164  
\056\150\164\155\154\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\003\202\001\001\000\074\073\160\221\371\004\124  
\047\221\341\355\355\376\150\177\141\135\345\101\145\117\062\361  
\030\005\224\152\034\336\037\160\333\076\173\062\002\064\265\014  
\154\241\212\174\245\364\217\377\324\330\255\027\325\055\004\321  
\077\130\200\342\201\131\210\276\300\343\106\223\044\376\220\275  
\046\242\060\055\350\227\046\127\065\211\164\226\030\366\025\342  
\257\044\031\126\002\002\262\272\017\024\352\306\212\146\301\206  
\105\125\213\276\222\276\234\244\004\307\111\074\236\350\051\172  
\211\327\376\257\377\150\365\245\027\220\275\254\231\314\245\206  
\127\011\147\106\333\326\026\302\106\361\344\251\120\365\217\321  
\222\025\323\137\076\306\000\111\072\156\130\262\321\321\047\015

```
\045\310\062\370\040\021\315\175\062\063\110\224\124\114\335\334
\171\304\060\237\353\216\270\125\265\327\210\134\305\152\044\075
\262\323\005\003\121\306\007\357\314\024\162\164\075\156\162\316
\030\050\214\112\240\167\345\011\053\105\104\107\254\267\147\177
\001\212\005\132\223\276\241\301\377\370\347\016\147\244\107\111
\166\135\165\220\032\365\046\217\360
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# For Email Distrust After: Mon Mar 01 00:00:00 2021
```

```
CKA_NSS_EMAIL_DISTRUST_AFTER MULTILINE_OCTAL
```

```
\062\061\060\063\060\061\060\060\060\060\060\132
```

END

```
# Trust for Certificate "Camerfirma Global Chambersign Root"
```

```
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
```

```
# Not Valid Before: Tue Sep 30 16:14:18 2003
```

```
# Not Valid After : Wed Sep 30 16:14:18 2037
```

```
# Fingerprint (MD5): C5:E6:7B:BF:06:D0:4F:43:ED:C4:7A:65:8A:FB:6B:19
```

```
# Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\063\233\153\024\120\044\233\125\172\001\207\162\204\331\340\057
\303\322\330\351
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\305\346\173\277\006\320\117\103\355\304\172\145\212\373\153\031
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\000
```

```
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "XRamp Global CA Root"
#
# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US
# Serial Number:50:94:6c:ec:18:ea:d5:9c:4d:d5:97:ef:75:8f:a0:ad
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US
# Not Valid Before: Mon Nov 01 17:14:04 2004
# Not Valid After : Mon Jan 01 05:37:19 2035
# Fingerprint (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A:D1
# Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "XRamp Global CA Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
```

```
END
```

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```



\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217  
\240\255

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\060\060\202\003\030\240\003\002\001\002\002\020\120  
\224\154\354\030\352\325\234\115\325\227\357\165\217\240\255\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\202\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036  
\060\034\006\003\125\004\013\023\025\167\167\167\056\170\162\141  
\155\160\163\145\143\165\162\151\164\171\056\143\157\155\061\044  
\060\042\006\003\125\004\012\023\033\130\122\141\155\160\040\123  
\145\143\165\162\151\164\171\040\123\145\162\166\151\143\145\163  
\040\111\156\143\061\055\060\053\006\003\125\004\003\023\044\130  
\122\141\155\160\040\107\154\157\142\141\154\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\036\027\015\060\064\061\061\060\061\061\067\061  
\064\060\064\132\027\015\063\065\060\061\060\061\060\065\063\067  
\061\071\132\060\201\202\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\036\060\034\006\003\125\004\013\023\025\167\167  
\167\056\170\162\141\155\160\163\145\143\165\162\151\164\171\056  
\143\157\155\061\044\060\042\006\003\125\004\012\023\033\130\122  
\141\155\160\040\123\145\143\165\162\151\164\171\040\123\145\162  
\166\151\143\145\163\040\111\156\143\061\055\060\053\006\003\125  
\004\003\023\044\130\122\141\155\160\040\107\154\157\142\141\154  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\230\044\036\275\025\264\272  
\337\307\214\245\047\266\070\013\151\363\266\116\250\054\056\041  
\035\134\104\337\041\135\176\043\164\376\136\176\264\112\267\246  
\255\037\256\340\006\026\342\233\133\331\147\164\153\135\200\217  
\051\235\206\033\331\234\015\230\155\166\020\050\130\344\145\260  
\177\112\230\171\237\340\303\061\176\200\053\265\214\300\100\073  
\021\206\320\313\242\206\066\140\244\325\060\202\155\331\156\320  
\017\022\004\063\227\137\117\141\132\360\344\371\221\253\347\035  
\073\274\350\317\364\153\055\064\174\342\110\141\034\216\363\141  
\104\314\157\240\112\251\224\260\115\332\347\251\064\172\162\070  
\250\101\314\074\224\021\175\353\310\246\214\267\206\313\312\063  
\073\331\075\067\213\373\172\076\206\054\347\163\327\012\127\254  
\144\233\031\353\364\017\004\010\212\254\003\027\031\144\364\132  
\045\042\215\064\054\262\366\150\035\022\155\323\212\036\024\332  
\304\217\246\342\043\205\325\172\015\275\152\340\351\354\354\027  
\273\102\033\147\252\045\355\105\203\041\374\301\311\174\325\142  
\076\372\362\305\055\323\375\324\145\002\003\001\000\001\243\201  
\237\060\201\234\060\023\006\011\053\006\001\004\001\202\067\024  
\002\004\006\036\004\000\103\000\101\060\013\006\003\125\035\017  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026

\004\024\306\117\242\075\006\143\204\011\234\316\142\344\004\254  
\215\134\265\351\266\033\060\066\006\003\125\035\037\004\057\060  
\055\060\053\240\051\240\047\206\045\150\164\164\160\072\057\057  
\143\162\154\056\170\162\141\155\160\163\145\143\165\162\151\164  
\171\056\143\157\155\057\130\107\103\101\056\143\162\154\060\020  
\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\221\025\071\003\001\033\147\373\112\034\371\012  
\140\133\241\332\115\227\142\371\044\123\047\327\202\144\116\220  
\056\303\111\033\053\232\334\374\250\170\147\065\361\035\360\021  
\275\267\110\343\020\366\015\337\077\322\311\266\252\125\244\110  
\272\002\333\336\131\056\025\133\073\235\026\175\107\327\067\352  
\137\115\166\022\066\273\037\327\241\201\004\106\040\243\054\155  
\251\236\001\176\077\051\316\000\223\337\375\311\222\163\211\211  
\144\236\347\053\344\034\221\054\322\271\316\175\316\157\061\231  
\323\346\276\322\036\220\360\011\024\171\134\043\253\115\322\332  
\041\037\115\231\171\235\341\317\047\237\020\233\034\210\015\260  
\212\144\101\061\270\016\154\220\044\244\233\134\161\217\272\273  
\176\034\033\333\152\200\017\041\274\351\333\246\267\100\364\262  
\213\251\261\344\357\232\032\320\075\151\231\356\250\050\243\341  
\074\263\360\262\021\234\317\174\100\346\335\347\103\175\242\330  
\072\265\251\215\362\064\231\304\324\020\341\006\375\011\204\020  
\073\356\304\114\364\354\047\174\102\302\164\174\202\212\011\311  
\264\003\045\274

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "XRamp Global CA Root"  
# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services  
Inc,OU=www.xrampsecurity.com,C=US  
# Serial Number:50:94:6c:ec:18:ea:d5:9c:4d:d5:97:ef:75:8f:a0:ad  
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services  
Inc,OU=www.xrampsecurity.com,C=US  
# Not Valid Before: Mon Nov 01 17:14:04 2004  
# Not Valid After : Mon Jan 01 05:37:19 2035  
# Fingerprint (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A:D1  
# Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "XRamp Global CA Root"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\270\001\206\321\353\234\206\245\101\004\317\060\124\363\114\122  
\267\345\130\306  
END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\241\013\104\263\312\020\330\000\156\235\017\330\017\222\012\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217
\240\255
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Go Daddy Class 2 CA"
#
# Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:06:20 2004
# Not Valid After : Thu Jun 29 17:06:20 2034
# Fingerprint (MD5): 91:DE:06:25:AB:DA:FD:32:17:0C:BB:25:17:2A:84:67
# Fingerprint (SHA1): 27:96:BA:E6:3F:18:01:E2:77:26:1B:A0:D7:77:70:02:8F:20:EE:E4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Class 2 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
```

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157  
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156  
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040  
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\000\060\202\002\350\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041  
\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157\040  
\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156\143  
\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040\104  
\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\036\027\015\060\064\060\066\062\071\061\067  
\060\066\062\060\132\027\015\063\064\060\066\062\071\061\067\060  
\066\062\060\132\060\143\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\041\060\037\006\003\125\004\012\023\030\124\150  
\145\040\107\157\040\104\141\144\144\171\040\107\162\157\165\160  
\054\040\111\156\143\056\061\061\060\057\006\003\125\004\013\023  
\050\107\157\040\104\141\144\144\171\040\103\154\141\163\163\040  
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\060\202\001\040\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\015  
\000\060\202\001\010\002\202\001\001\000\336\235\327\352\127\030  
\111\241\133\353\327\137\110\206\352\276\335\377\344\357\147\034  
\364\145\150\263\127\161\240\136\167\273\355\233\111\351\160\200  
\075\126\030\143\010\157\332\362\314\320\077\177\002\124\042\124  
\020\330\262\201\324\300\165\075\113\177\307\167\303\076\170\253  
\032\003\265\040\153\057\152\053\261\305\210\176\304\273\036\260  
\301\330\105\047\157\252\067\130\367\207\046\327\330\055\366\251  
\027\267\037\162\066\116\246\027\077\145\230\222\333\052\156\135  
\242\376\210\340\013\336\177\345\215\025\341\353\313\072\325\342  
\022\242\023\055\330\216\257\137\022\075\240\010\005\010\266\134  
\245\145\070\004\105\231\036\243\140\140\164\305\101\245\162\142  
\033\142\305\037\157\137\032\102\276\002\121\145\250\256\043\030  
\152\374\170\003\251\115\177\200\303\372\253\132\374\241\100\244  
\312\031\026\376\262\310\357\136\163\015\356\167\275\232\366\171  
\230\274\261\007\147\242\025\015\335\240\130\306\104\173\012\076  
\142\050\137\272\101\007\123\130\317\021\176\070\164\305\370\377

\265\151\220\217\204\164\352\227\033\257\002\001\003\243\201\300  
\060\201\275\060\035\006\003\125\035\016\004\026\004\024\322\304  
\260\322\221\324\114\021\161\263\141\313\075\241\376\335\250\152  
\324\343\060\201\215\006\003\125\035\043\004\201\205\060\201\202  
\200\024\322\304\260\322\221\324\114\021\161\263\141\313\075\241  
\376\335\250\152\324\343\241\147\244\145\060\143\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\041\060\037\006\003\125  
\004\012\023\030\124\150\145\040\107\157\040\104\141\144\144\171  
\040\107\162\157\165\160\054\040\111\156\143\056\061\061\060\057  
\006\003\125\004\013\023\050\107\157\040\104\141\144\144\171\040  
\103\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202  
\001\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\062\113\363\262\312\076\221\374\022\306\241\007  
\214\216\167\240\063\006\024\134\220\036\030\367\010\246\075\012  
\031\371\207\200\021\156\151\344\226\027\060\377\064\221\143\162  
\070\356\314\034\001\243\035\224\050\244\061\366\172\304\124\327  
\366\345\061\130\003\242\314\316\142\333\224\105\163\265\277\105  
\311\044\265\325\202\002\255\043\171\151\215\270\266\115\316\317  
\114\312\063\043\350\034\210\252\235\213\101\156\026\311\040\345  
\211\236\315\073\332\160\367\176\231\046\040\024\124\045\253\156  
\163\205\346\233\041\235\012\154\202\016\250\370\302\014\372\020  
\036\154\226\357\207\015\304\017\141\213\255\356\203\053\225\370  
\216\222\204\162\071\353\040\352\203\355\203\315\227\156\010\274  
\353\116\046\266\163\053\344\323\366\114\376\046\161\342\141\021  
\164\112\377\127\032\207\017\165\110\056\317\121\151\027\240\002  
\022\141\225\325\321\100\262\020\114\356\304\254\020\103\246\245  
\236\012\325\225\142\232\015\317\210\202\305\062\014\344\053\237  
\105\346\015\237\050\234\261\271\052\132\127\255\067\017\257\035  
\177\333\275\237

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Go Daddy Class 2 CA"  
# Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US  
# Serial Number: 0 (0x0)  
# Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US  
# Not Valid Before: Tue Jun 29 17:06:20 2004  
# Not Valid After : Thu Jun 29 17:06:20 2034  
# Fingerprint (MD5): 91:DE:06:25:AB:DA:FD:32:17:0C:BB:25:17:2A:84:67  
# Fingerprint (SHA1): 27:96:BA:E6:3F:18:01:E2:77:26:1B:A0:D7:77:70:02:8F:20:EE:E4  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "Go Daddy Class 2 CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\047\226\272\346\077\030\001\342\167\046\033\240\327\167\160\002
\217\040\356\344
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\221\336\006\045\253\332\375\062\027\014\273\045\027\052\204\147
END
CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Starfield Class 2 CA"
#
# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After : Thu Jun 29 17:39:16 2034
# Fingerprint (MD5): 32:4A:4B:BB:C8:63:69:9B:BE:74:9A:C6:DD:1D:46:24
# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156

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\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\017\060\202\002\367\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061\045
\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151\145
\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163\054
\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023\051
\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163\040
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\060\036\027\015\060\064\060
\066\062\071\061\067\063\071\061\066\132\027\015\063\064\060\066
\062\071\061\067\063\071\061\066\132\060\150\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\045\060\043\006\003\125\004
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061
\062\060\060\006\003\125\004\013\023\051\123\164\141\162\146\151
\145\154\144\040\103\154\141\163\163\040\062\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\060\202\001\040\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\015\000\060\202\001\010\002
\202\001\001\000\267\062\310\376\351\161\246\004\205\255\014\021
\144\337\316\115\357\310\003\030\207\077\241\253\373\074\246\237
\360\303\241\332\324\330\156\053\123\220\373\044\244\076\204\360
\236\350\137\354\345\047\104\365\050\246\077\173\336\340\052\360
\310\257\123\057\236\312\005\001\223\036\217\146\034\071\247\115
\372\132\266\163\004\045\146\353\167\177\347\131\306\112\231\045
\024\124\353\046\307\363\177\031\325\060\160\217\257\260\106\052
\377\255\353\051\355\327\237\252\004\207\243\324\371\211\245\064
\137\333\103\221\202\066\331\146\074\261\270\271\202\375\234\072
\076\020\310\073\357\006\145\146\172\233\031\030\075\377\161\121
\074\060\056\137\276\075\167\163\262\135\006\154\303\043\126\232
\053\205\046\222\034\247\002\263\344\077\015\257\010\171\202\270
\066\075\352\234\323\065\263\274\151\312\365\314\235\350\375\144
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\215\027\200\063\156\136\112\135\231\311\036\207\264\235\032\300  
\325\156\023\065\043\136\337\233\137\075\357\326\367\166\302\352  
\076\273\170\015\034\102\147\153\004\330\370\326\332\157\213\362  
\104\240\001\253\002\001\003\243\201\305\060\201\302\060\035\006  
\003\125\035\016\004\026\004\024\277\137\267\321\316\335\037\206  
\364\133\125\254\334\327\020\302\016\251\210\347\060\201\222\006  
\003\125\035\043\004\201\212\060\201\207\200\024\277\137\267\321  
\316\335\037\206\364\133\125\254\334\327\020\302\016\251\210\347  
\241\154\244\152\060\150\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\045\060\043\006\003\125\004\012\023\034\123\164  
\141\162\146\151\145\154\144\040\124\145\143\150\156\157\154\157  
\147\151\145\163\054\040\111\156\143\056\061\062\060\060\006\003  
\125\004\013\023\051\123\164\141\162\146\151\145\154\144\040\103  
\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202\001  
\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202  
\001\001\000\005\235\077\210\235\321\311\032\125\241\254\151\363  
\363\131\332\233\001\207\032\117\127\251\241\171\011\052\333\367  
\057\262\036\314\307\136\152\330\203\207\241\227\357\111\065\076  
\167\006\101\130\142\277\216\130\270\012\147\077\354\263\335\041  
\146\037\311\124\372\162\314\075\114\100\330\201\257\167\236\203  
\172\273\242\307\365\064\027\216\331\021\100\364\374\054\052\115  
\025\177\247\142\135\056\045\323\000\013\040\032\035\150\371\027  
\270\364\275\213\355\050\131\335\115\026\213\027\203\310\262\145  
\307\055\172\245\252\274\123\206\155\335\127\244\312\370\040\101  
\013\150\360\364\373\164\276\126\135\172\171\365\371\035\205\343  
\055\225\276\365\161\220\103\314\215\037\232\000\012\207\051\351  
\125\042\130\000\043\352\343\022\103\051\133\107\010\335\214\101  
\152\145\006\250\345\041\252\101\264\225\041\225\271\175\321\064  
\253\023\326\255\274\334\342\075\071\315\275\076\165\160\241\030  
\131\003\311\042\264\217\234\325\136\052\327\245\266\324\012\155  
\370\267\100\021\106\232\037\171\016\142\277\017\227\354\340\057  
\037\027\224

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Starfield Class 2 CA"  
# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US  
# Serial Number: 0 (0x0)  
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US  
# Not Valid Before: Tue Jun 29 17:39:16 2004  
# Not Valid After : Thu Jun 29 17:39:16 2034  
# Fingerprint (MD5): 32:4A:4B:BB:C8:63:69:9B:BE:74:9A:C6:DD:1D:46:24  
# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST



```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\255\176\034\050\260\144\357\217\140\003\100\040\024\303\320\343
\067\016\265\212
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\062\112\113\273\310\143\151\233\276\164\232\306\335\035\106\044
END
CKA_ISSUER MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root CA"
#
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (MD5): 87:CE:0B:7B:2A:0E:49:00:E1:58:71:9B:37:A8:93:72
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023

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\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360  
\060\071

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\267\060\202\002\237\240\003\002\001\002\002\020\014  
\347\340\345\027\330\106\376\217\345\140\374\033\360\060\071\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\145  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145  
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157  
\157\164\040\103\101\060\036\027\015\060\066\061\061\061\060\060  
\060\060\060\060\060\132\027\015\063\061\061\061\061\060\060\060  
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104  
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006  
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145  
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023  
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145  
\144\040\111\104\040\122\157\157\164\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\255\016\025  
\316\344\103\200\134\261\207\363\267\140\371\161\022\245\256\334  
\046\224\210\252\364\316\365\040\071\050\130\140\014\370\200\332  
\251\025\225\062\141\074\265\261\050\204\212\212\334\237\012\014  
\203\027\172\217\220\254\212\347\171\123\134\061\204\052\366\017  
\230\062\066\166\314\336\335\074\250\242\357\152\373\041\362\122  
\141\337\237\040\327\037\342\261\331\376\030\144\322\022\133\137  
\371\130\030\065\274\107\315\241\066\371\153\177\324\260\070\076  
\301\033\303\214\063\331\330\057\030\376\050\017\263\247\203\326

\303\156\104\300\141\065\226\026\376\131\234\213\166\155\327\361  
\242\113\015\053\377\013\162\332\236\140\320\216\220\065\306\170  
\125\207\040\241\317\345\155\012\310\111\174\061\230\063\154\042  
\351\207\320\062\132\242\272\023\202\021\355\071\027\235\231\072  
\162\241\346\372\244\331\325\027\061\165\256\205\175\042\256\077  
\001\106\206\366\050\171\310\261\332\344\127\027\304\176\034\016  
\260\264\222\246\126\263\275\262\227\355\252\247\360\267\305\250  
\077\225\026\320\377\241\226\353\010\137\030\167\117\002\003\001  
\000\001\243\143\060\141\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\105\353\242\257\364\222\313\202\061\055\121\213\247\247  
\041\235\363\155\310\017\060\037\006\003\125\035\043\004\030\060  
\026\200\024\105\353\242\257\364\222\313\202\061\055\121\213\247  
\247\041\235\363\155\310\017\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\242\016\274\337\342  
\355\360\343\162\163\172\144\224\277\367\162\146\330\062\344\102  
\165\142\256\207\353\362\325\331\336\126\263\237\314\316\024\050  
\271\015\227\140\134\022\114\130\344\323\075\203\111\105\130\227  
\065\151\032\250\107\352\126\306\171\253\022\330\147\201\204\337  
\177\011\074\224\346\270\046\054\040\275\075\263\050\211\367\137  
\377\042\342\227\204\037\351\145\357\207\340\337\301\147\111\263  
\135\353\262\011\052\353\046\355\170\276\175\077\053\363\267\046  
\065\155\137\211\001\266\111\133\237\001\005\233\253\075\045\301  
\314\266\177\302\361\157\206\306\372\144\150\353\201\055\224\353  
\102\267\372\214\036\335\142\361\276\120\147\267\154\275\363\361  
\037\153\014\066\007\026\177\067\174\251\133\155\172\361\022\106  
\140\203\327\047\004\276\113\316\227\276\303\147\052\150\021\337  
\200\347\014\063\146\277\023\015\024\156\363\177\037\143\020\036  
\372\215\033\045\155\154\217\245\267\141\001\261\322\243\046\241  
\020\161\235\255\342\303\371\303\231\121\267\053\007\010\316\056  
\346\120\262\247\372\012\105\057\242\360\362

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "DigiCert Assured ID Root CA"  
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US  
# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39  
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US  
# Not Valid Before: Fri Nov 10 00:00:00 2006  
# Not Valid After : Mon Nov 10 00:00:00 2031  
# Fingerprint (MD5): 87:CE:0B:7B:2A:0E:49:00:E1:58:71:9B:37:A8:93:72  
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE

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CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\005\143\270\143\015\142\327\132\273\310\253\036\113\337\265\250
\231\262\115\103
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\207\316\013\173\052\016\111\000\341\130\161\233\067\250\223\162
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360
\060\071
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Global Root CA"
#
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a
# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (MD5): 79:E4:A9:84:0D:7D:3A:96:D7:C0:4F:E2:43:4C:89:2E
# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157

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\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221
\307\112
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\257\060\202\002\227\240\003\002\001\002\002\020\010
\073\340\126\220\102\106\261\241\165\152\311\131\221\307\112\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\103
\101\060\036\027\015\060\066\061\061\061\060\060\060\060\060\060
\060\132\027\015\063\061\061\061\061\060\060\060\060\060\060\060
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157
\164\040\103\101\060\202\001\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012
\002\202\001\001\000\342\073\341\021\162\336\250\244\323\243\127
\252\120\242\217\013\167\220\311\242\245\356\022\316\226\133\001
\011\040\314\001\223\247\116\060\267\123\367\103\304\151\000\127
\235\342\215\042\335\207\006\100\000\201\011\316\316\033\203\277
\337\315\073\161\106\342\326\146\307\005\263\166\047\026\217\173
\236\036\225\175\356\267\110\243\010\332\326\257\172\014\071\006
\145\177\112\135\037\274\027\370\253\276\356\050\327\164\177\172
\170\231\131\205\150\156\134\043\062\113\277\116\300\350\132\155
\343\160\277\167\020\277\374\001\366\205\331\250\104\020\130\062
\251\165\030\325\321\242\276\107\342\047\152\364\232\063\370\111
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\010\140\213\324\137\264\072\204\277\241\252\112\114\175\076\317  
\117\137\154\166\136\240\113\067\221\236\334\042\346\155\316\024  
\032\216\152\313\376\315\263\024\144\027\307\133\051\236\062\277  
\362\356\372\323\013\102\324\253\267\101\062\332\014\324\357\370  
\201\325\273\215\130\077\265\033\350\111\050\242\160\332\061\004  
\335\367\262\026\362\114\012\116\007\250\355\112\075\136\265\177  
\243\220\303\257\047\002\003\001\000\001\243\143\060\141\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\035\006\003\125\035\016\004\026\004\024\003\336\120\065\126\321  
\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060\037  
\006\003\125\035\043\004\030\060\026\200\024\003\336\120\065\126  
\321\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202  
\001\001\000\313\234\067\252\110\023\022\012\372\335\104\234\117  
\122\260\364\337\256\004\365\171\171\010\243\044\030\374\113\053  
\204\300\055\271\325\307\376\364\301\037\130\313\270\155\234\172  
\164\347\230\051\253\021\265\343\160\240\241\315\114\210\231\223  
\214\221\160\342\253\017\034\276\223\251\377\143\325\344\007\140  
\323\243\277\235\133\011\361\325\216\343\123\364\216\143\372\077  
\247\333\264\146\337\142\146\326\321\156\101\215\362\055\265\352  
\167\112\237\235\130\342\053\131\300\100\043\355\055\050\202\105  
\076\171\124\222\046\230\340\200\110\250\067\357\360\326\171\140  
\026\336\254\350\016\315\156\254\104\027\070\057\111\332\341\105  
\076\052\271\066\123\317\072\120\006\367\056\350\304\127\111\154  
\141\041\030\325\004\255\170\074\054\072\200\153\247\353\257\025  
\024\351\330\211\301\271\070\154\342\221\154\212\377\144\271\167  
\045\127\060\300\033\044\243\341\334\351\337\107\174\265\264\044  
\010\005\060\354\055\275\013\277\105\277\120\271\251\363\353\230  
\001\022\255\310\210\306\230\064\137\215\012\074\306\351\325\225  
\225\155\336

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "DigiCert Global Root CA"  
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US  
# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a  
# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US  
# Not Valid Before: Fri Nov 10 00:00:00 2006  
# Not Valid After : Mon Nov 10 00:00:00 2031  
# Fingerprint (MD5): 79:E4:A9:84:0D:7D:3A:96:D7:C0:4F:E2:43:4C:89:2E  
# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "DigiCert Global Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\250\230\135\072\145\345\345\304\262\327\326\155\100\306\335\057
\261\234\124\066
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\171\344\251\204\015\175\072\226\327\300\117\342\103\114\211\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221
\307\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert High Assurance EV Root CA"
#
# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77
# Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (MD5): D4:74:DE:57:5C:39:B2:D3:9C:85:83:C5:C0:65:49:8A
# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151

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\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106
\045\167
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\305\060\202\002\255\240\003\002\001\002\002\020\002
\254\134\046\152\013\100\233\217\013\171\362\256\106\045\167\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\154
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\053\060\051\006\003\125\004\003\023\042\104\151\147\151\103\145
\162\164\040\110\151\147\150\040\101\163\163\165\162\141\156\143
\145\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015
\060\066\061\061\061\060\060\060\060\060\060\060\132\027\015\063
\061\061\061\061\060\060\060\060\060\060\060\132\060\154\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006
\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111
\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167
\056\144\151\147\151\143\145\162\164\056\143\157\155\061\053\060
\051\006\003\125\004\003\023\042\104\151\147\151\103\145\162\164
\040\110\151\147\150\040\101\163\163\165\162\141\156\143\145\040
\105\126\040\122\157\157\164\040\103\101\060\202\001\042\060\015
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001
\017\000\060\202\001\012\002\202\001\001\000\306\314\345\163\346
\373\324\273\345\055\055\062\246\337\345\201\077\311\315\045\111
\266\161\052\303\325\224\064\147\242\012\034\260\137\151\246\100
\261\304\267\262\217\320\230\244\251\101\131\072\323\334\224\326
\074\333\164\070\244\112\314\115\045\202\367\112\245\123\022\070
\356\363\111\155\161\221\176\143\266\253\246\137\303\244\204\370
\117\142\121\276\370\305\354\333\070\222\343\006\345\010\221\014
\304\050\101\125\373\313\132\211\025\176\161\350\065\277\115\162
\011\075\276\072\070\120\133\167\061\033\215\263\307\044\105\232
\247\254\155\000\024\132\004\267\272\023\353\121\012\230\101\101
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\042\116\145\141\207\201\101\120\246\171\134\211\336\031\112\127  
\325\056\346\135\034\123\054\176\230\315\032\006\026\244\150\163  
\320\064\004\023\134\241\161\323\132\174\125\333\136\144\341\067  
\207\060\126\004\345\021\264\051\200\022\361\171\071\210\242\002  
\021\174\047\146\267\210\267\170\362\312\012\250\070\253\012\144  
\302\277\146\135\225\204\301\241\045\036\207\135\032\120\013\040  
\022\314\101\273\156\013\121\070\270\113\313\002\003\001\000\001  
\243\143\060\141\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002\357  
\143\144\053\303\060\037\006\003\125\035\043\004\030\060\026\200  
\024\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002  
\357\143\144\053\303\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\003\202\001\001\000\034\032\006\227\334\327\234  
\237\074\210\146\006\010\127\041\333\041\107\370\052\147\252\277  
\030\062\166\100\020\127\301\212\363\172\331\021\145\216\065\372  
\236\374\105\265\236\331\114\061\113\270\221\350\103\054\216\263  
\170\316\333\343\123\171\161\326\345\041\224\001\332\125\207\232  
\044\144\366\212\146\314\336\234\067\315\250\064\261\151\233\043  
\310\236\170\042\053\160\103\343\125\107\061\141\031\357\130\305  
\205\057\116\060\366\240\061\026\043\310\347\342\145\026\063\313  
\277\032\033\240\075\370\312\136\213\061\213\140\010\211\055\014  
\006\134\122\267\304\371\012\230\321\025\137\237\022\276\174\066  
\143\070\275\104\244\177\344\046\053\012\304\227\151\015\351\214  
\342\300\020\127\270\310\166\022\221\125\362\110\151\330\274\052  
\002\133\017\104\324\040\061\333\364\272\160\046\135\220\140\236  
\274\113\027\011\057\264\313\036\103\150\311\007\047\301\322\134  
\367\352\041\271\150\022\234\074\234\277\236\374\200\134\233\143  
\315\354\107\252\045\047\147\240\067\363\000\202\175\124\327\251  
\370\351\056\023\243\167\350\037\112

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "DigiCert High Assurance EV Root CA"  
# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US  
# Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77  
# Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US  
# Not Valid Before: Fri Nov 10 00:00:00 2006  
# Not Valid After : Mon Nov 10 00:00:00 2031  
# Fingerprint (MD5): D4:74:DE:57:5C:39:B2:D3:9C:85:83:C5:C0:65:49:8A  
# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\267\356\006\063\342\131\333\255\014\114\232\346\323\217\032
\141\307\334\045
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\324\164\336\127\134\071\262\323\234\205\203\305\300\145\111\212
END
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106
\045\167
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SwissSign Platinum CA - G2"
#
# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Serial Number:4e:b2:00:67:0c:03:5d:4f
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:36:00 2006
# Not Valid After : Sat Oct 25 08:36:00 2036
# Fingerprint (MD5): C9:98:27:77:28:1E:3D:0E:15:3C:84:00:B8:85:03:E6
# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\103\101\040\055\040\107\062

```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023  
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151  
\156\165\155\040\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\116\262\000\147\014\003\135\117

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\301\060\202\003\251\240\003\002\001\002\002\010\116  
\262\000\147\014\003\135\117\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\111\061\013\060\011\006\003\125\004  
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014  
\123\167\151\163\163\123\151\147\156\040\101\107\061\043\060\041  
\006\003\125\004\003\023\032\123\167\151\163\163\123\151\147\156  
\040\120\154\141\164\151\156\165\155\040\103\101\040\055\040\107  
\062\060\036\027\015\060\066\061\060\062\065\060\070\063\066\060  
\060\132\027\015\063\066\061\060\062\065\060\070\063\066\060\060  
\132\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110  
\061\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163  
\123\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003  
\023\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164  
\151\156\165\155\040\103\101\040\055\040\107\062\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\337\242  
\002\342\332\370\374\007\026\261\336\140\252\336\226\134\144\037  
\307\057\176\317\147\372\104\102\326\166\143\225\256\353\257\162  
\040\212\105\107\206\142\170\206\326\040\071\046\364\256\243\375  
\043\347\245\234\265\042\041\031\267\067\223\042\300\120\234\202  
\173\324\325\004\104\134\313\264\302\237\222\276\044\330\173\147  
\042\342\151\137\345\005\170\324\207\331\161\160\063\045\123\264  
\207\073\051\220\050\066\232\125\104\060\150\244\203\227\177\015  
\036\234\166\377\025\235\140\227\000\215\212\205\003\354\200\276  
\352\054\156\020\121\222\314\176\325\243\063\330\326\111\336\130  
\052\257\366\026\353\113\173\220\062\227\271\272\235\130\361\370  
\127\111\004\036\242\135\006\160\335\161\333\371\335\213\232\033  
\214\317\075\243\115\316\313\174\366\273\234\240\372\011\316\043  
\142\262\351\015\037\342\162\050\217\237\254\150\040\175\157\073  
\250\205\061\011\177\013\307\350\145\351\343\170\016\011\147\060  
\213\064\202\373\135\340\314\235\201\155\142\356\010\036\004\054  
\116\233\354\376\251\117\137\375\151\170\357\011\037\241\264\277  
\372\363\357\220\036\114\005\213\036\352\172\221\172\303\327\345  
\373\060\274\154\033\020\130\230\367\032\137\320\051\062\003\023  
\106\115\141\152\205\114\122\164\057\006\037\173\021\342\204\227

\306\231\363\155\177\327\147\203\176\023\150\330\161\050\132\330  
\316\335\350\020\024\232\376\155\043\207\156\216\132\160\074\325  
\215\011\000\247\252\274\260\061\067\155\310\204\024\036\133\275  
\105\143\040\153\113\164\214\275\333\072\016\301\317\132\026\217  
\245\230\362\166\211\262\023\022\073\013\167\167\254\273\345\074  
\051\112\222\162\312\141\032\053\136\114\342\203\164\167\372\065  
\110\172\205\115\215\232\123\304\337\170\312\227\221\110\053\105  
\053\001\367\034\032\242\355\030\272\012\275\203\372\157\274\215  
\127\223\073\324\324\246\316\036\361\240\261\316\253\375\053\050  
\232\117\033\327\303\162\333\244\304\277\135\114\365\335\173\226  
\151\356\150\200\346\347\230\272\066\267\376\156\355\053\275\040  
\370\145\031\332\125\011\176\045\334\376\141\142\162\371\176\030  
\002\357\143\264\320\373\257\345\073\143\214\147\217\002\003\001  
\000\001\243\201\254\060\201\251\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016  
\004\026\004\024\120\257\314\007\207\025\107\157\070\305\264\145  
\321\336\225\252\351\337\234\314\060\037\006\003\125\035\043\004  
\030\060\026\200\024\120\257\314\007\207\025\107\157\070\305\264  
\145\321\336\225\252\351\337\234\314\060\106\006\003\125\035\040  
\004\077\060\075\060\073\006\011\140\205\164\001\131\001\001\001  
\001\060\056\060\054\006\010\053\006\001\005\005\007\002\001\026  
\040\150\164\164\160\072\057\057\162\145\160\157\163\151\164\157  
\162\171\056\163\167\151\163\163\163\151\147\156\056\143\157\155  
\057\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\002\001\000\010\205\246\365\026\014\374\104\032\301\143  
\340\371\125\106\010\374\160\034\102\050\226\216\267\305\301\101  
\165\116\011\161\171\345\155\226\312\113\245\210\140\320\060\164  
\270\312\010\334\264\060\236\100\007\026\153\145\225\167\001\256  
\244\267\065\013\201\332\161\025\251\164\027\070\173\130\312\371  
\057\373\300\145\166\215\133\001\271\175\336\202\075\144\270\276  
\024\164\243\012\124\323\054\225\030\027\065\365\121\153\077\217  
\242\226\141\071\170\153\113\345\246\240\370\123\337\121\020\223  
\142\347\200\057\342\321\340\274\216\066\106\167\063\354\270\373  
\216\232\054\211\115\061\021\017\046\236\004\273\267\004\215\013  
\362\271\374\132\235\073\026\267\057\310\230\253\376\212\120\131  
\056\243\073\374\051\135\213\301\113\311\342\212\023\035\261\277  
\273\102\035\122\335\116\330\024\136\020\306\061\007\357\161\047  
\367\033\071\011\334\202\352\213\263\225\206\136\375\365\332\135  
\061\246\340\061\266\224\346\104\111\164\305\026\345\367\037\003  
\141\050\305\310\313\022\240\102\113\371\153\210\010\215\264\062  
\030\363\165\237\304\177\000\117\005\225\234\243\027\002\303\263  
\123\233\252\040\071\051\053\146\372\235\257\136\263\222\322\265  
\246\341\032\371\055\101\151\201\024\264\264\265\355\211\075\316  
\373\251\235\065\102\104\261\034\024\163\201\317\052\001\065\232  
\061\325\055\217\155\204\337\200\115\127\343\077\305\204\165\332  
\211\306\060\273\353\217\313\042\010\240\256\252\361\003\154\072  
\113\115\011\245\016\162\306\126\153\041\102\116\043\045\024\150

\256\166\012\174\014\007\160\144\371\232\057\366\005\071\046\306  
\014\217\031\177\103\136\156\364\133\025\057\333\141\135\346\147  
\057\077\010\224\371\140\264\230\061\332\164\361\204\223\161\115  
\137\373\140\130\321\373\304\301\155\211\242\273\040\037\235\161  
\221\313\062\233\023\075\076\175\222\122\065\254\222\224\242\323  
\030\302\174\307\352\257\166\005\026\335\147\047\302\176\034\007  
\042\041\363\100\012\033\064\007\104\023\302\204\152\216\337\031  
\132\277\177\353\035\342\032\070\321\134\257\107\222\153\200\265  
\060\245\311\215\330\253\061\201\037\337\302\146\067\323\223\251  
\205\206\171\145\322

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SwissSign Platinum CA - G2"  
# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH  
# Serial Number:4e:b2:00:67:0c:03:5d:4f  
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH  
# Not Valid Before: Wed Oct 25 08:36:00 2006  
# Not Valid After : Sat Oct 25 08:36:00 2036  
# Fingerprint (MD5): C9:98:27:77:28:1E:3D:0E:15:3C:84:00:B8:85:03:E6  
# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "SwissSign Platinum CA - G2"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\126\340\372\300\073\217\030\043\125\030\345\323\021\312\350\302  
\103\061\253\146

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\311\230\047\167\050\036\075\016\025\074\204\000\270\205\003\346

CKA\_ISSUER MULTILINE\_OCTAL  
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023  
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151  
\156\165\155\040\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\010\116\262\000\147\014\003\135\117

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SwissSign Gold CA - G2"

#

# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH

# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0

# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH

# Not Valid Before: Wed Oct 25 08:30:35 2006

# Not Valid After : Sat Oct 25 08:30:35 2036

# Fingerprint (MD5): 24:77:D9:A8:91:D1:3B:FA:88:2D:C2:FF:F8:CD:33:93

# Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SwissSign Gold CA - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023  
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040  
\103\101\040\055\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023  
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040  
\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\273\100\034\103\365\136\117\260

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\272\060\202\003\242\240\003\002\001\002\002\011\000  
\273\100\034\103\365\136\117\260\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\060\105\061\013\060\011\006\003\125  
\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023  
\014\123\167\151\163\163\123\151\147\156\040\101\107\061\037\060  
\035\006\003\125\004\003\023\026\123\167\151\163\163\123\151\147  
\156\040\107\157\154\144\040\103\101\040\055\040\107\062\060\036  
\027\015\060\066\061\060\062\065\060\070\063\060\063\065\132\027  
\015\063\066\061\060\062\065\060\070\063\060\063\065\132\060\105  
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025\060  
\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147

\156\040\101\107\061\037\060\035\006\003\125\004\003\023\026\123  
\167\151\163\163\123\151\147\156\040\107\157\154\144\040\103\101  
\040\055\040\107\062\060\202\002\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002  
\012\002\202\002\001\000\257\344\356\176\213\044\016\022\156\251  
\120\055\026\104\073\222\222\134\312\270\135\204\222\102\023\052  
\274\145\127\202\100\076\127\044\315\120\213\045\052\267\157\374  
\357\242\320\300\037\002\044\112\023\226\217\043\023\346\050\130  
\000\243\107\307\006\247\204\043\053\273\275\226\053\177\125\314  
\213\301\127\037\016\142\145\017\335\075\126\212\163\332\256\176  
\155\272\201\034\176\102\214\040\065\331\103\115\204\372\204\333  
\122\054\363\016\047\167\013\153\277\021\057\162\170\237\056\330  
\076\346\030\067\132\052\162\371\332\142\220\222\225\312\037\234  
\351\263\074\053\313\363\001\023\277\132\317\301\265\012\140\275  
\335\265\231\144\123\270\240\226\263\157\342\046\167\221\214\340  
\142\020\002\237\064\017\244\325\222\063\121\336\276\215\272\204  
\172\140\074\152\333\237\053\354\336\336\001\077\156\115\345\120  
\206\313\264\257\355\104\100\305\312\132\214\332\322\053\174\250  
\356\276\246\345\012\252\016\245\337\005\122\267\125\307\042\135  
\062\152\227\227\143\023\333\311\333\171\066\173\205\072\112\305  
\122\211\371\044\347\235\167\251\202\377\125\034\245\161\151\053  
\321\002\044\362\263\046\324\153\332\004\125\345\301\012\307\155  
\060\067\220\052\344\236\024\063\136\026\027\125\305\133\265\313  
\064\211\222\361\235\046\217\241\007\324\306\262\170\120\333\014  
\014\013\174\013\214\101\327\271\351\335\214\210\367\243\115\262  
\062\314\330\027\332\315\267\316\146\235\324\375\136\377\275\227  
\076\051\165\347\176\247\142\130\257\045\064\245\101\307\075\274  
\015\120\312\003\003\017\010\132\037\225\163\170\142\277\257\162  
\024\151\016\245\345\003\016\170\216\046\050\102\360\007\013\142  
\040\020\147\071\106\372\251\003\314\004\070\172\146\357\040\203  
\265\214\112\126\216\221\000\374\216\134\202\336\210\240\303\342  
\150\156\175\215\357\074\335\145\364\135\254\121\357\044\200\256  
\252\126\227\157\371\255\175\332\141\077\230\167\074\245\221\266  
\034\214\046\332\145\242\011\155\301\342\124\343\271\312\114\114  
\200\217\167\173\140\232\036\337\266\362\110\036\016\272\116\124  
\155\230\340\341\242\032\242\167\120\317\304\143\222\354\107\031  
\235\353\346\153\316\301\002\003\001\000\001\243\201\254\060\201  
\251\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\035\006\003\125\035\016\004\026\004\024\133\045\173  
\226\244\145\121\176\270\071\363\300\170\146\136\350\072\347\360  
\356\060\037\006\003\125\035\043\004\030\060\026\200\024\133\045  
\173\226\244\145\121\176\270\071\363\300\170\146\136\350\072\347  
\360\356\060\106\006\003\125\035\040\004\077\060\075\060\073\006  
\011\140\205\164\001\131\001\002\001\001\060\056\060\054\006\010  
\053\006\001\005\005\007\002\001\026\040\150\164\164\160\072\057  
\057\162\145\160\157\163\151\164\157\162\171\056\163\167\151\163  
\163\163\151\147\156\056\143\157\155\057\060\015\006\011\052\206

\110\206\367\015\001\001\005\005\000\003\202\002\001\000\047\272  
\343\224\174\361\256\300\336\027\346\345\330\325\365\124\260\203  
\364\273\315\136\005\173\117\237\165\146\257\074\350\126\176\374  
\162\170\070\003\331\053\142\033\000\271\370\351\140\315\314\316  
\121\212\307\120\061\156\341\112\176\030\057\151\131\266\075\144  
\201\053\343\203\204\346\042\207\216\175\340\356\002\231\141\270  
\036\364\270\053\210\022\026\204\302\061\223\070\226\061\246\271  
\073\123\077\303\044\223\126\133\151\222\354\305\301\273\070\000  
\343\354\027\251\270\334\307\174\001\203\237\062\107\272\122\042  
\064\035\062\172\011\126\247\174\045\066\251\075\113\332\300\202  
\157\012\273\022\310\207\113\047\021\371\036\055\307\223\077\236  
\333\137\046\153\122\331\056\212\361\024\306\104\215\025\251\267  
\277\275\336\246\032\356\256\055\373\110\167\027\376\273\354\257  
\030\365\052\121\360\071\204\227\225\154\156\033\303\053\304\164  
\140\171\045\260\012\047\337\337\136\322\071\317\105\175\102\113  
\337\263\054\036\305\306\135\312\125\072\240\234\151\232\217\332  
\357\262\260\074\237\207\154\022\053\145\160\025\122\061\032\044  
\317\157\061\043\120\037\214\117\217\043\303\164\101\143\034\125  
\250\024\335\076\340\121\120\317\361\033\060\126\016\222\260\202  
\205\330\203\313\042\144\274\055\270\045\325\124\242\270\006\352  
\255\222\244\044\240\301\206\265\112\023\152\107\317\056\013\126  
\225\124\313\316\232\333\152\264\246\262\333\101\010\206\047\167  
\367\152\240\102\154\013\070\316\327\165\120\062\222\302\337\053  
\060\042\110\320\325\101\070\045\135\244\351\135\237\306\224\165  
\320\105\375\060\227\103\217\220\253\012\307\206\163\140\112\151  
\055\336\245\170\327\006\332\152\236\113\076\167\072\040\023\042  
\001\320\277\150\236\143\140\153\065\115\013\155\272\241\075\300  
\223\340\177\043\263\125\255\162\045\116\106\371\322\026\357\260  
\144\301\001\236\351\312\240\152\230\016\317\330\140\362\057\111  
\270\344\102\341\070\065\026\364\310\156\117\367\201\126\350\272  
\243\276\043\257\256\375\157\003\340\002\073\060\166\372\033\155  
\101\317\001\261\351\270\311\146\364\333\046\363\072\244\164\362  
\111\044\133\311\260\320\127\301\372\076\172\341\227\311

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SwissSign Gold CA - G2"  
# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH  
# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0  
# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH  
# Not Valid Before: Wed Oct 25 08:30:35 2006  
# Not Valid After : Sat Oct 25 08:30:35 2036  
# Fingerprint (MD5): 24:77:D9:A8:91:D1:3B:FA:88:2D:C2:FF:F8:CD:33:93  
# Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE



```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\330\305\070\212\267\060\033\033\156\324\172\346\105\045\072\157
\237\032\047\141
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\044\167\331\250\221\321\073\372\210\055\302\377\370\315\063\223
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\273\100\034\103\365\136\117\260
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SwissSign Silver CA - G2"
#
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:32:46 2006
# Not Valid After : Sat Oct 25 08:32:46 2036
# Fingerprint (MD5): E0:06:A1:C9:7D:CF:C9:FC:0D:C0:56:75:96:D8:62:13
# Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Silver CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
END

```

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023  
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145  
\162\040\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\117\033\324\057\124\273\057\113

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\275\060\202\003\245\240\003\002\001\002\002\010\117  
\033\324\057\124\273\057\113\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\107\061\013\060\011\006\003\125\004  
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014  
\123\167\151\163\163\123\151\147\156\040\101\107\061\041\060\037  
\006\003\125\004\003\023\030\123\167\151\163\163\123\151\147\156  
\040\123\151\154\166\145\162\040\103\101\040\055\040\107\062\060  
\036\027\015\060\066\061\060\062\065\060\070\063\062\064\066\132  
\027\015\063\066\061\060\062\065\060\070\063\062\064\066\132\060  
\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025  
\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151  
\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023\030  
\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145\162  
\040\103\101\040\055\040\107\062\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\304\361\207\177\323\170\061  
\367\070\311\370\303\231\103\274\307\367\274\067\347\116\161\272  
\113\217\245\163\035\134\156\230\256\003\127\256\070\067\103\057  
\027\075\037\310\316\150\020\301\170\256\031\003\053\020\372\054  
\171\203\366\350\271\150\271\125\362\004\104\247\071\371\374\004  
\213\036\361\242\115\047\371\141\173\272\267\345\242\023\266\353  
\141\076\320\154\321\346\373\372\136\355\035\264\236\240\065\133  
\241\222\313\360\111\222\376\205\012\005\076\346\331\013\342\117  
\273\334\225\067\374\221\351\062\065\042\321\037\072\116\047\205  
\235\260\025\224\062\332\141\015\107\115\140\102\256\222\107\350  
\203\132\120\130\351\212\213\271\135\241\334\335\231\112\037\066  
\147\273\110\344\203\266\067\353\110\072\257\017\147\217\027\007  
\350\004\312\357\152\061\207\324\300\266\371\224\161\173\147\144  
\270\266\221\112\102\173\145\056\060\152\014\365\220\356\225\346  
\362\315\202\354\331\241\112\354\366\262\113\345\105\205\346\155  
\170\223\004\056\234\202\155\066\251\304\061\144\037\206\203\013  
\052\364\065\012\170\311\125\317\101\260\107\351\060\237\231\276  
\141\250\006\204\271\050\172\137\070\331\033\251\070\260\203\177  
\163\301\303\073\110\052\202\017\041\233\270\314\250\065\303\204  
\033\203\263\076\276\244\225\151\001\072\211\000\170\004\331\311  
\364\231\031\253\126\176\133\213\206\071\025\221\244\020\054\011

\062\200\140\263\223\300\052\266\030\013\235\176\215\111\362\020  
\112\177\371\325\106\057\031\222\243\231\247\046\254\273\214\074  
\346\016\274\107\007\334\163\121\361\160\144\057\010\371\264\107  
\035\060\154\104\352\051\067\205\222\150\146\274\203\070\376\173  
\071\056\323\120\360\037\373\136\140\266\251\246\372\047\101\361  
\233\030\162\362\365\204\164\112\311\147\304\124\256\110\144\337  
\214\321\156\260\035\341\007\217\010\036\231\234\161\351\114\330  
\245\367\107\022\037\164\321\121\236\206\363\302\242\043\100\013  
\163\333\113\246\347\163\006\214\301\240\351\301\131\254\106\372  
\346\057\370\317\161\234\106\155\271\304\025\215\070\171\003\105  
\110\357\304\135\327\010\356\207\071\042\206\262\015\017\130\103  
\367\161\251\110\056\375\352\326\037\002\003\001\000\001\243\201  
\254\060\201\251\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034\302  
\230\372\206\130\060\037\006\003\125\035\043\004\030\060\026\200  
\024\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034  
\302\230\372\206\130\060\106\006\003\125\035\040\004\077\060\075  
\060\073\006\011\140\205\164\001\131\001\003\001\001\060\056\060  
\054\006\010\053\006\001\005\005\007\002\001\026\040\150\164\164  
\160\072\057\057\162\145\160\157\163\151\164\157\162\171\056\163  
\167\151\163\163\163\151\147\156\056\143\157\155\057\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001  
\000\163\306\201\340\047\322\055\017\340\225\060\342\232\101\177  
\120\054\137\137\142\141\251\206\152\151\030\014\164\111\326\135  
\204\352\101\122\030\157\130\255\120\126\040\152\306\275\050\151  
\130\221\334\221\021\065\251\072\035\274\032\245\140\236\330\037  
\177\105\221\151\331\176\273\170\162\301\006\017\052\316\217\205  
\160\141\254\240\315\013\270\071\051\126\204\062\116\206\273\075  
\304\052\331\327\037\162\356\376\121\241\042\101\261\161\002\143  
\032\202\260\142\253\136\127\022\037\337\313\335\165\240\300\135  
\171\220\214\033\340\120\346\336\061\376\230\173\160\137\245\220  
\330\255\370\002\266\157\323\140\335\100\113\042\305\075\255\072  
\172\237\032\032\107\221\171\063\272\202\334\062\151\003\226\156  
\037\113\360\161\376\343\147\162\240\261\277\134\213\344\372\231  
\042\307\204\271\033\215\043\227\077\355\045\340\317\145\273\365  
\141\004\357\335\036\262\132\101\042\132\241\237\135\054\350\133  
\311\155\251\014\014\170\252\140\306\126\217\001\132\014\150\274  
\151\031\171\304\037\176\227\005\277\305\351\044\121\136\324\325  
\113\123\355\331\043\132\066\003\145\243\301\003\255\101\060\363  
\106\033\205\220\257\145\265\325\261\344\026\133\170\165\035\227  
\172\155\131\251\052\217\173\336\303\207\211\020\231\111\163\170  
\310\075\275\121\065\164\052\325\361\176\151\033\052\273\073\275  
\045\270\232\132\075\162\141\220\146\207\356\014\326\115\324\021  
\164\013\152\376\013\003\374\243\125\127\211\376\112\313\256\133  
\027\005\310\362\215\043\061\123\070\322\055\152\077\202\271\215  
\010\152\367\136\101\164\156\303\021\176\007\254\051\140\221\077

```
\070\312\127\020\015\275\060\057\307\245\346\101\240\332\256\005
\207\232\240\244\145\154\114\011\014\211\272\270\323\271\300\223
\212\060\372\215\345\232\153\025\001\116\147\252\332\142\126\076
\204\010\146\322\304\066\175\247\076\020\374\210\340\324\200\345
\000\275\252\363\116\006\243\172\152\371\142\162\343\011\117\353
\233\016\001\043\361\237\273\174\334\334\154\021\227\045\262\362
\264\143\024\322\006\052\147\214\203\365\316\352\007\330\232\152
\036\354\344\012\273\052\114\353\011\140\071\316\312\142\330\056
\156
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "SwissSign Silver CA - G2"
```

```
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
```

```
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b
```

```
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
```

```
# Not Valid Before: Wed Oct 25 08:32:46 2006
```

```
# Not Valid After : Sat Oct 25 08:32:46 2036
```

```
# Fingerprint (MD5): E0:06:A1:C9:7D:CF:C9:FC:0D:C0:56:75:96:D8:62:13
```

```
# Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SwissSign Silver CA - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\233\252\345\237\126\356\041\313\103\132\276\045\223\337\247\360
\100\321\035\313
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\340\006\241\311\175\317\311\374\015\300\126\165\226\330\142\023
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\010\117\033\324\057\124\273\057\113
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

#
# Certificate "SecureTrust CA"
#
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid After : Mon Dec 31 19:40:55 2029
# Fingerprint (MD5): DC:32:C3:A7:6D:25:57:C7:68:09:9D:EA:2D:A9:A2:D1
# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\270\060\202\002\240\240\003\002\001\002\002\020\014
\360\216\134\010\026\245\255\102\177\360\353\047\030\131\320\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\110
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\027\060\025\006\003\125\004\003\023\016\123\145\143\165\162\145
\124\162\165\163\164\040\103\101\060\036\027\015\060\066\061\061
\060\067\061\071\063\061\061\070\132\027\015\062\071\061\062\063
\061\061\071\064\060\065\065\132\060\110\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\040\060\036\006\003\125\004\012

```

\023\027\123\145\143\165\162\145\124\162\165\163\164\040\103\157  
\162\160\157\162\141\164\151\157\156\061\027\060\025\006\003\125  
\004\003\023\016\123\145\143\165\162\145\124\162\165\163\164\040  
\103\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\253\244\201\345\225\315\365\366\024\216\302\117\312  
\324\342\170\225\130\234\101\341\015\231\100\044\027\071\221\063  
\146\351\276\341\203\257\142\134\211\321\374\044\133\141\263\340  
\021\021\101\034\035\156\360\270\273\370\336\247\201\272\246\110  
\306\237\035\275\276\216\251\101\076\270\224\355\051\032\324\216  
\322\003\035\003\357\155\015\147\034\127\327\006\255\312\310\365  
\376\016\257\146\045\110\004\226\013\135\243\272\026\303\010\117  
\321\106\370\024\134\362\310\136\001\231\155\375\210\314\206\250  
\301\157\061\102\154\122\076\150\313\363\031\064\337\273\207\030  
\126\200\046\304\320\334\300\157\337\336\240\302\221\026\240\144  
\021\113\104\274\036\366\347\372\143\336\146\254\166\244\161\243  
\354\066\224\150\172\167\244\261\347\016\057\201\172\342\265\162  
\206\357\242\153\213\360\017\333\323\131\077\272\162\274\104\044  
\234\343\163\263\367\257\127\057\102\046\235\251\164\272\000\122  
\362\113\315\123\174\107\013\066\205\016\146\251\010\227\026\064  
\127\301\146\367\200\343\355\160\124\307\223\340\056\050\025\131  
\207\272\273\002\003\001\000\001\243\201\235\060\201\232\060\023  
\006\011\053\006\001\004\001\202\067\024\002\004\006\036\004\000  
\103\000\101\060\013\006\003\125\035\017\004\004\003\002\001\206  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\102\062\266\026  
\372\004\375\376\135\113\172\303\375\367\114\100\035\132\103\257  
\060\064\006\003\125\035\037\004\055\060\053\060\051\240\047\240  
\045\206\043\150\164\164\160\072\057\057\143\162\154\056\163\145  
\143\165\162\145\164\162\165\163\164\056\143\157\155\057\123\124  
\103\101\056\143\162\154\060\020\006\011\053\006\001\004\001\202  
\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\060\355\117\112  
\341\130\072\122\162\133\265\246\243\145\030\246\273\121\073\167  
\351\235\352\323\237\134\340\105\145\173\015\312\133\342\160\120  
\262\224\005\024\256\111\307\215\101\007\022\163\224\176\014\043  
\041\375\274\020\177\140\020\132\162\365\230\016\254\354\271\177  
\335\172\157\135\323\034\364\377\210\005\151\102\251\005\161\310  
\267\254\046\350\056\264\214\152\377\161\334\270\261\337\231\274  
\174\041\124\053\344\130\242\273\127\051\256\236\251\243\031\046  
\017\231\056\010\260\357\375\151\317\231\032\011\215\343\247\237  
\053\311\066\064\173\044\263\170\114\225\027\244\006\046\036\266  
\144\122\066\137\140\147\331\234\305\005\164\013\347\147\043\322  
\010\374\210\351\256\213\177\341\060\364\067\176\375\306\062\332  
\055\236\104\060\060\154\356\007\336\322\064\374\322\377\100\366  
\113\364\146\106\006\124\246\362\062\012\143\046\060\153\233\321  
\334\213\107\272\341\271\325\142\320\242\240\364\147\005\170\051  
\143\032\157\004\326\370\306\114\243\232\261\067\264\215\345\050

```

\113\035\236\054\302\270\150\274\355\002\356\061
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "SecureTrust CA"
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid After : Mon Dec 31 19:40:55 2029
# Fingerprint (MD5): DC:32:C3:A7:6D:25:57:C7:68:09:9D:EA:2D:A9:A2:D1
# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\207\202\306\303\004\065\073\317\322\226\222\322\131\076\175\104
\331\064\377\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\062\303\247\155\045\127\307\150\011\235\352\055\251\242\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Secure Global CA"
#
# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Serial Number:07:56:22:a4:e8:d4:8a:89:4d:f4:13:c8:f0:f8:ea:a5
# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US

```

```
# Not Valid Before: Tue Nov 07 19:42:28 2006
# Not Valid After : Mon Dec 31 19:52:06 2029
# Fingerprint (MD5): CF:F4:27:0D:D4:ED:DC:65:16:49:6D:3D:DA:BF:6E:DE
# Fingerprint (SHA1): 3A:44:73:5A:E5:81:90:1F:24:86:61:46:1E:3B:9C:C4:5F:F5:3A:1B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Secure Global CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\274\060\202\002\244\240\003\002\001\002\002\020\007
\126\042\244\350\324\212\211\115\364\023\310\360\370\352\245\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\112
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\031\060\027\006\003\125\004\003\023\020\123\145\143\165\162\145
\040\107\154\157\142\141\154\040\103\101\060\036\027\015\060\066
\061\061\060\067\061\071\064\062\062\070\132\027\015\062\071\061
\062\063\061\061\071\065\062\060\066\132\060\112\061\013\060\011
\006\003\125\004\006\023\002\125\123\061\040\060\036\006\003\125
\004\012\023\027\123\145\143\165\162\145\124\162\165\163\164\040
\103\157\162\160\157\162\141\164\151\157\156\061\031\060\027\006
\003\125\004\003\023\020\123\145\143\165\162\145\040\107\154\157
\142\141\154\040\103\101\060\202\001\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202
\001\012\002\202\001\001\000\257\065\056\330\254\154\125\151\006
\161\345\023\150\044\263\117\330\314\041\107\370\361\140\070\211
```



\211\003\351\275\352\136\106\123\011\334\134\365\132\350\367\105  
\052\002\353\061\141\327\051\063\114\316\307\174\012\067\176\017  
\272\062\230\341\035\227\257\217\307\334\311\070\226\363\333\032  
\374\121\355\150\306\320\156\244\174\044\321\256\102\310\226\120  
\143\056\340\376\165\376\230\247\137\111\056\225\343\071\063\144  
\216\036\244\137\220\322\147\074\262\331\376\101\271\125\247\011  
\216\162\005\036\213\335\104\205\202\102\320\111\300\035\140\360  
\321\027\054\225\353\366\245\301\222\243\305\302\247\010\140\015  
\140\004\020\226\171\236\026\064\346\251\266\372\045\105\071\310  
\036\145\371\223\365\252\361\122\334\231\230\075\245\206\032\014  
\065\063\372\113\245\004\006\025\034\061\200\357\252\030\153\302  
\173\327\332\316\371\063\040\325\365\275\152\063\055\201\004\373  
\260\134\324\234\243\342\134\035\343\251\102\165\136\173\324\167  
\357\071\124\272\311\012\030\033\022\231\111\057\210\113\375\120  
\142\321\163\347\217\172\103\002\003\001\000\001\243\201\235\060  
\201\232\060\023\006\011\053\006\001\004\001\202\067\024\002\004  
\006\036\004\000\103\000\101\060\013\006\003\125\035\017\004\004  
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\257\104\004\302\101\176\110\203\333\116\071\002\354\354\204\172  
\346\316\311\244\060\064\006\003\125\035\037\004\055\060\053\060  
\051\240\047\240\045\206\043\150\164\164\160\072\057\057\143\162  
\154\056\163\145\143\165\162\145\164\162\165\163\164\056\143\157  
\155\057\123\107\103\101\056\143\162\154\060\020\006\011\053\006  
\001\004\001\202\067\025\001\004\003\002\001\000\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\143\032\010\100\175\244\136\123\015\167\330\172\256\037\015\013  
\121\026\003\357\030\174\310\343\257\152\130\223\024\140\221\262  
\204\334\210\116\276\071\212\072\363\346\202\211\135\001\067\263  
\253\044\244\025\016\222\065\132\112\104\136\116\127\372\165\316  
\037\110\316\146\364\074\100\046\222\230\154\033\356\044\106\014  
\027\263\122\245\333\245\221\221\317\067\323\157\347\047\010\072  
\116\031\037\072\247\130\134\027\317\171\077\213\344\247\323\046  
\043\235\046\017\130\151\374\107\176\262\320\215\213\223\277\051  
\117\103\151\164\166\147\113\317\007\214\346\002\367\265\341\264  
\103\265\113\055\024\237\371\334\046\015\277\246\107\164\006\330  
\210\321\072\051\060\204\316\322\071\200\142\033\250\307\127\111  
\274\152\125\121\147\025\112\276\065\007\344\325\165\230\067\171  
\060\024\333\051\235\154\305\151\314\107\125\242\060\367\314\134  
\177\302\303\230\034\153\116\026\200\353\172\170\145\105\242\000  
\032\257\014\015\125\144\064\110\270\222\271\361\264\120\051\362  
\117\043\037\332\154\254\037\104\341\335\043\170\121\133\307\026  
END  
CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Secure Global CA"

```

# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Serial Number:07:56:22:a4:e8:d4:8a:89:4d:f4:13:c8:f0:f8:ea:a5
# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:42:28 2006
# Not Valid After : Mon Dec 31 19:52:06 2029
# Fingerprint (MD5): CF:F4:27:0D:D4:ED:DC:65:16:49:6D:3D:DA:BF:6E:DE
# Fingerprint (SHA1): 3A:44:73:5A:E5:81:90:1F:24:86:61:46:1E:3B:9C:C4:5F:F5:3A:1B
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Secure Global CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\072\104\163\132\345\201\220\037\044\206\141\106\036\073\234\304
\137\365\072\033
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\317\364\047\015\324\355\334\145\026\111\155\075\332\277\156\336
END
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO Certification Authority"
#
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): 5C:48:DC:F7:42:72:EC:56:94:6D:1C:CC:71:35:80:75
# Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106
\345\075
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\035\060\202\003\005\240\003\002\001\002\002\020\116
\201\055\212\202\145\340\013\002\356\076\065\002\106\345\075\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\201\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103
\101\040\114\151\155\151\164\145\144\061\047\060\045\006\003\125
\004\003\023\036\103\117\115\117\104\117\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065
\071\132\060\201\201\061\013\060\011\006\003\125\004\006\023\002
\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162\145
```

\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162\061  
\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157\162  
\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115\117  
\104\117\040\103\101\040\114\151\155\151\164\145\144\061\047\060  
\045\006\003\125\004\003\023\036\103\117\115\117\104\117\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\320\100\213\213\162\343\221\033\367  
\121\301\033\124\004\230\323\251\277\301\346\212\135\073\207\373  
\273\210\316\015\343\057\077\006\226\360\242\051\120\231\256\333  
\073\241\127\260\164\121\161\315\355\102\221\115\101\376\251\310  
\330\152\206\167\104\273\131\146\227\120\136\264\324\054\160\104  
\317\332\067\225\102\151\074\060\304\161\263\122\360\041\115\241  
\330\272\071\174\034\236\243\044\235\362\203\026\230\252\026\174  
\103\233\025\133\267\256\064\221\376\324\142\046\030\106\232\077  
\353\301\371\361\220\127\353\254\172\015\213\333\162\060\152\146  
\325\340\106\243\160\334\150\331\377\004\110\211\167\336\265\351  
\373\147\155\101\351\274\071\275\062\331\142\002\361\261\250\075  
\156\067\234\342\057\342\323\242\046\213\306\270\125\103\210\341  
\043\076\245\322\044\071\152\107\253\000\324\241\263\251\045\376  
\015\077\247\035\272\323\121\301\013\244\332\254\070\357\125\120  
\044\005\145\106\223\064\117\055\215\255\306\324\041\031\322\216  
\312\005\141\161\007\163\107\345\212\031\022\275\004\115\316\116  
\234\245\110\254\273\046\367\002\003\001\000\001\243\201\216\060  
\201\213\060\035\006\003\125\035\016\004\026\004\024\013\130\345  
\213\306\114\025\067\244\100\251\060\251\041\276\107\066\132\126  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\111\006\003\125\035\037\004\102\060\100\060\076\240  
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056  
\143\157\155\157\144\157\143\141\056\143\157\155\057\103\117\115  
\117\104\117\103\145\162\164\151\146\151\143\141\164\151\157\156  
\101\165\164\150\157\162\151\164\171\056\143\162\154\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\076\230\236\233\366\033\351\327\071\267\170\256\035\162\030  
\111\323\207\344\103\202\353\077\311\252\365\250\265\357\125\174  
\041\122\145\371\325\015\341\154\364\076\214\223\163\221\056\002  
\304\116\007\161\157\300\217\070\141\010\250\036\201\012\300\057  
\040\057\101\213\221\334\110\105\274\361\306\336\272\166\153\063  
\310\000\055\061\106\114\355\347\235\317\210\224\377\063\300\126  
\350\044\206\046\270\330\070\070\337\052\153\335\022\314\307\077  
\107\027\114\242\302\006\226\011\326\333\376\077\074\106\101\337  
\130\342\126\017\074\073\301\034\223\065\331\070\122\254\356\310  
\354\056\060\116\224\065\264\044\037\113\170\151\332\362\002\070  
\314\225\122\223\360\160\045\131\234\040\147\304\356\371\213\127  
\141\364\222\166\175\077\204\215\125\267\350\345\254\325\361\365  
\031\126\246\132\373\220\034\257\223\353\345\034\324\147\227\135

```
\004\016\276\013\203\246\027\203\271\060\022\240\305\063\025\005
\271\015\373\307\005\166\343\330\112\215\374\064\027\243\306\041
\050\276\060\105\061\036\307\170\276\130\141\070\254\073\342\001
\145
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "COMODO Certification Authority"
```

```
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
```

```
# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
```

```
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
```

```
# Not Valid Before: Fri Dec 01 00:00:00 2006
```

```
# Not Valid After : Mon Dec 31 23:59:59 2029
```

```
# Fingerprint (MD5): 5C:48:DC:F7:42:72:EC:56:94:6D:1C:CC:71:35:80:75
```

```
# Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "COMODO Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\146\061\277\236\367\117\236\266\311\325\246\014\272\152\276\321
\367\275\357\173
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\134\110\334\367\102\162\354\126\224\155\034\314\161\065\200\165
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106
\345\075
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Network Solutions Certificate Authority"

#

# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US

# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0

# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US

# Not Valid Before: Fri Dec 01 00:00:00 2006

# Not Valid After : Mon Dec 31 23:59:59 2029

# Fingerprint (MD5): D3:F3:A6:16:C0:FA:6B:1D:59:B1:2D:96:4D:0E:11:2E

# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Network Solutions Certificate Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162  
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056  
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164  
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162  
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056  
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164  
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061  
\150\340

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\346\060\202\002\316\240\003\002\001\002\002\020\127  
\313\063\157\302\134\026\346\107\026\027\343\220\061\150\340\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\142  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041\060  
\037\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040

\123\157\154\165\164\151\157\156\163\040\114\056\114\056\103\056  
\061\060\060\056\006\003\125\004\003\023\047\116\145\164\167\157  
\162\153\040\123\157\154\165\164\151\157\156\163\040\103\145\162  
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060  
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065  
\071\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\041\060\037\006\003\125\004\012\023\030\116\145\164\167  
\157\162\153\040\123\157\154\165\164\151\157\156\163\040\114\056  
\114\056\103\056\061\060\060\056\006\003\125\004\003\023\047\116  
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\344\274\176\222\060\155\306\330\216  
\053\013\274\106\316\340\047\226\336\336\371\372\022\323\074\063  
\163\263\004\057\274\161\214\345\237\266\042\140\076\137\135\316  
\011\377\202\014\033\232\121\120\032\046\211\335\325\141\135\031  
\334\022\017\055\012\242\103\135\027\320\064\222\040\352\163\317  
\070\054\006\046\011\172\162\367\372\120\062\370\302\223\323\151  
\242\043\316\101\261\314\344\325\037\066\321\212\072\370\214\143  
\342\024\131\151\355\015\323\177\153\350\270\003\345\117\152\345  
\230\143\151\110\005\276\056\377\063\266\351\227\131\151\370\147  
\031\256\223\141\226\104\025\323\162\260\077\274\152\175\354\110  
\177\215\303\253\252\161\053\123\151\101\123\064\265\260\271\305  
\006\012\304\260\105\365\101\135\156\211\105\173\075\073\046\214  
\164\302\345\322\321\175\262\021\324\373\130\062\042\232\200\311  
\334\375\014\351\177\136\003\227\316\073\000\024\207\047\160\070  
\251\216\156\263\047\166\230\121\340\005\343\041\253\032\325\205  
\042\074\051\265\232\026\305\200\250\364\273\153\060\217\057\106  
\002\242\261\014\042\340\323\002\003\001\000\001\243\201\227\060  
\201\224\060\035\006\003\125\035\016\004\026\004\024\041\060\311  
\373\000\327\116\230\332\207\252\052\320\247\056\261\100\061\247  
\114\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\122\006\003\125\035\037\004\113\060\111\060\107\240  
\105\240\103\206\101\150\164\164\160\072\057\057\143\162\154\056  
\156\145\164\163\157\154\163\163\154\056\143\157\155\057\116\145  
\164\167\157\162\153\123\157\154\165\164\151\157\156\163\103\145  
\162\164\151\146\151\143\141\164\145\101\165\164\150\157\162\151  
\164\171\056\143\162\154\060\015\006\011\052\206\110\206\367\015  
\001\001\005\005\000\003\202\001\001\000\273\256\113\347\267\127  
\353\177\252\055\267\163\107\205\152\301\344\245\035\344\347\074  
\351\364\131\145\167\265\172\133\132\215\045\066\340\172\227\056  
\070\300\127\140\203\230\006\203\237\271\166\172\156\120\340\272  
\210\054\374\105\314\030\260\231\225\121\016\354\035\270\210\377  
\207\120\034\202\302\343\340\062\200\277\240\013\107\310\303\061  
\357\231\147\062\200\117\027\041\171\014\151\134\336\136\064\256

```
\002\265\046\352\120\337\177\030\145\054\311\362\143\341\251\007
\376\174\161\037\153\063\044\152\036\005\367\005\150\300\152\022
\313\056\136\141\313\256\050\323\176\302\264\146\221\046\137\074
\056\044\137\313\130\017\353\050\354\257\021\226\363\334\173\157
\300\247\210\362\123\167\263\140\136\256\256\050\332\065\054\157
\064\105\323\046\341\336\354\133\117\047\153\026\174\275\104\004
\030\202\263\211\171\027\020\161\075\172\242\026\116\365\001\315
\244\154\145\150\241\111\166\134\103\311\330\274\066\147\154\245
\224\265\324\314\271\275\152\065\126\041\336\330\303\353\373\313
\244\140\114\260\125\240\240\173\127\262
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Network Solutions Certificate Authority"
# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): D3:F3:A6:16:C0:FA:6B:1D:59:B1:2D:96:4D:0E:11:2E
# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\370\243\303\357\347\263\220\006\113\203\220\074\041\144\140
\040\345\337\316
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\323\363\246\026\300\372\153\035\131\261\055\226\115\016\021\056
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
```

END



CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#  
# Certificate "COMODO ECC Certification Authority"  
#  
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater  
Manchester,C=GB  
# Serial Number:1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a  
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater  
Manchester,C=GB  
# Not Valid Before: Thu Mar 06 00:00:00 2008  
# Not Valid After : Mon Jan 18 23:59:59 2038  
# Fingerprint (MD5): 7C:62:FF:74:9D:31:53:5E:68:4A:D5:78:AA:1E:BF:23  
# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "COMODO ECC Certification Authority"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006  
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006  
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143

\231\052

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\211\060\202\002\017\240\003\002\001\002\002\020\037  
\107\257\252\142\000\160\120\124\114\001\236\233\143\231\052\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\205\061\013  
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006  
\003\125\004\010\023\022\107\162\145\141\164\145\162\040\115\141  
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004  
\007\023\007\123\141\154\146\157\162\144\061\032\060\030\006\003  
\125\004\012\023\021\103\117\115\117\104\117\040\103\101\040\114  
\151\155\151\164\145\144\061\053\060\051\006\003\125\004\003\023  
\042\103\117\115\117\104\117\040\105\103\103\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\036\027\015\060\070\060\063\060\066\060\060\060  
\060\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071  
\065\071\132\060\201\205\061\013\060\011\006\003\125\004\006\023  
\002\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162  
\145\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162  
\061\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157  
\162\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115  
\117\104\117\040\103\101\040\114\151\155\151\164\145\144\061\053  
\060\051\006\003\125\004\003\023\042\103\117\115\117\104\117\040  
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\166\060\020\006  
\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003  
\142\000\004\003\107\173\057\165\311\202\025\205\373\165\344\221  
\026\324\253\142\231\365\076\122\013\006\316\101\000\177\227\341  
\012\044\074\035\001\004\356\075\322\215\011\227\014\340\165\344  
\372\373\167\212\052\365\003\140\113\066\213\026\043\026\255\011  
\161\364\112\364\050\120\264\376\210\034\156\077\154\057\057\011  
\131\133\245\133\013\063\231\342\303\075\211\371\152\054\357\262  
\323\006\351\243\102\060\100\060\035\006\003\125\035\016\004\026  
\004\024\165\161\247\031\110\031\274\235\235\352\101\107\337\224  
\304\110\167\231\323\171\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\012\006\010\052\206\110\316\075  
\004\003\003\003\150\000\060\145\002\061\000\357\003\133\172\254  
\267\170\012\162\267\210\337\377\265\106\024\011\012\372\240\346  
\175\010\306\032\207\275\030\250\163\275\046\312\140\014\235\316  
\231\237\317\134\017\060\341\276\024\061\352\002\060\024\364\223  
\074\111\247\063\172\220\106\107\263\143\175\023\233\116\267\157  
\030\067\200\123\376\335\040\340\065\232\066\321\307\001\271\346  
\334\335\363\377\035\054\072\026\127\331\222\071\326

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for Certificate "COMODO ECC Certification Authority"
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Thu Mar 06 00:00:00 2008
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 7C:62:FF:74:9D:31:53:5E:68:4A:D5:78:AA:1E:BF:23
# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO ECC Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\237\164\116\237\053\115\272\354\017\061\054\120\266\126\073\216
\055\223\303\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\174\142\377\164\235\061\123\136\150\112\325\170\252\036\277\043
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GA CA"
#
# Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH

```

```
# Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a
# Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH
# Not Valid Before: Sun Dec 11 16:03:44 2005
# Not Valid After : Fri Dec 11 16:09:51 2037
# Fingerprint (MD5): BC:6C:51:33:A7:E9:D3:66:63:54:15:72:1B:21:92:93
# Fingerprint (SHA1): 59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GA CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\361\060\202\002\331\240\003\002\001\002\002\020\101
\075\162\307\364\153\037\201\103\175\361\322\050\124\337\232\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201
\212\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020
\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171
\061\033\060\031\006\003\125\004\013\023\022\103\157\160\171\162
\151\147\150\164\040\050\143\051\040\062\060\060\065\061\042\060
```

\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157  
\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145  
\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124  
\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154  
\040\122\157\157\164\040\107\101\040\103\101\060\036\027\015\060  
\065\061\062\061\061\061\066\060\063\064\064\132\027\015\063\067  
\061\062\061\061\061\066\060\071\065\061\132\060\201\212\061\013  
\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006  
\003\125\004\012\023\007\127\111\123\145\113\145\171\061\033\060  
\031\006\003\125\004\013\023\022\103\157\160\171\162\151\147\150  
\164\040\050\143\051\040\062\060\060\065\061\042\060\040\006\003  
\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156\144  
\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061\050  
\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040\127  
\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122\157  
\157\164\040\107\101\040\103\101\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\313\117\263\000\233\075\066  
\335\371\321\111\152\153\020\111\037\354\330\053\262\306\370\062  
\201\051\103\225\114\232\031\043\041\025\105\336\343\310\034\121  
\125\133\256\223\350\067\377\053\153\351\324\352\276\052\335\250  
\121\053\327\146\303\141\134\140\002\310\365\316\162\173\073\270  
\362\116\145\010\232\315\244\152\031\301\001\273\163\246\327\366  
\303\335\315\274\244\213\265\231\141\270\001\242\243\324\115\324  
\005\075\221\255\370\264\010\161\144\257\160\361\034\153\176\366  
\303\167\235\044\163\173\344\014\214\341\331\066\341\231\213\005  
\231\013\355\105\061\011\312\302\000\333\367\162\240\226\252\225  
\207\320\216\307\266\141\163\015\166\146\214\334\033\264\143\242  
\237\177\223\023\060\361\241\047\333\331\377\054\125\210\221\240  
\340\117\007\260\050\126\214\030\033\227\104\216\211\335\340\027  
\156\347\052\357\217\071\012\061\204\202\330\100\024\111\056\172  
\101\344\247\376\343\144\314\301\131\161\113\054\041\247\133\175  
\340\035\321\056\201\233\303\330\150\367\275\226\033\254\160\261  
\026\024\013\333\140\271\046\001\005\002\003\001\000\001\243\121  
\060\117\060\013\006\003\125\035\017\004\004\003\002\001\206\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\263\003\176\256\066  
\274\260\171\321\334\224\046\266\021\276\041\262\151\206\224\060  
\020\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001  
\000\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\113\241\377\013\207\156\263\371\301\103\261  
\110\363\050\300\035\056\311\011\101\372\224\000\034\244\244\253  
\111\117\217\075\036\357\115\157\275\274\244\366\362\046\060\311  
\020\312\035\210\373\164\031\037\205\105\275\260\154\121\371\066  
\176\333\365\114\062\072\101\117\133\107\317\350\013\055\266\304  
\031\235\164\305\107\306\073\152\017\254\024\333\074\364\163\234  
\251\005\337\000\334\164\170\372\370\065\140\131\002\023\030\174  
\274\373\115\260\040\155\103\273\140\060\172\147\063\134\305\231

```
\321\370\055\071\122\163\373\214\252\227\045\134\162\331\010\036
\253\116\074\343\201\061\237\003\246\373\300\376\051\210\125\332
\204\325\120\003\266\342\204\243\246\066\252\021\072\001\341\030
\113\326\104\150\263\075\371\123\164\204\263\106\221\106\226\000
\267\200\054\266\341\343\020\342\333\242\347\050\217\001\226\142
\026\076\000\343\034\245\066\201\030\242\114\122\166\300\021\243
\156\346\035\272\343\132\276\066\123\305\076\165\217\206\151\051
\130\123\265\234\273\157\237\134\305\030\354\335\057\341\230\311
\374\276\337\012\015
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "OISTE WISEKey Global Root GA CA"
# Issuer: CN=OISTE WISEKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISEKey,C=CH
# Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a
# Subject: CN=OISTE WISEKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISEKey,C=CH
```

```
# Not Valid Before: Sun Dec 11 16:03:44 2005
```

```
# Not Valid After : Fri Dec 11 16:09:51 2037
```

```
# Fingerprint (MD5): BC:6C:51:33:A7:E9:D3:66:63:54:15:72:1B:21:92:93
```

```
# Fingerprint (SHA1): 59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "OISTE WISEKey Global Root GA CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\131\042\241\341\132\352\026\065\041\370\230\071\152\106\106\260
\104\033\017\251
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\274\154\121\063\247\351\323\146\143\124\025\162\033\041\222\223
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```

\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certigna"
#
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
# Fingerprint (MD5): AB:57:A6:5B:7D:42:82:19:B5:D8:58:26:28:5E:FD:FF
# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\250\060\202\002\220\240\003\002\001\002\002\011\000
\376\334\343\001\017\311\110\377\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\060\064\061\013\060\011\006\003\125
\004\006\023\002\106\122\061\022\060\020\006\003\125\004\012\014
\011\104\150\151\155\171\157\164\151\163\061\021\060\017\006\003
\125\004\003\014\010\103\145\162\164\151\147\156\141\060\036\027
\015\060\067\060\066\062\071\061\065\061\063\060\065\132\027\015

```

\062\067\060\066\062\071\061\065\061\063\060\065\132\060\064\061  
\013\060\011\006\003\125\004\006\023\002\106\122\061\022\060\020  
\006\003\125\004\012\014\011\104\150\151\155\171\157\164\151\163  
\061\021\060\017\006\003\125\004\003\014\010\103\145\162\164\151  
\147\156\141\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\310\150\361\311\326\326\263\064\165\046\202\036  
\354\264\276\352\134\341\046\355\021\107\141\341\242\174\026\170  
\100\041\344\140\236\132\310\143\341\304\261\226\222\377\030\155  
\151\043\341\053\142\367\335\342\066\057\221\007\271\110\317\016  
\354\171\266\054\347\064\113\160\010\045\243\074\207\033\031\362  
\201\007\017\070\220\031\323\021\376\206\264\362\321\136\036\036  
\226\315\200\154\316\073\061\223\266\362\240\320\251\225\022\175  
\245\232\314\153\310\204\126\212\063\251\347\042\025\123\026\360  
\314\027\354\127\137\351\242\012\230\011\336\343\137\234\157\334  
\110\343\205\013\025\132\246\272\237\254\110\343\011\262\367\364  
\062\336\136\064\276\034\170\135\102\133\316\016\042\217\115\220  
\327\175\062\030\263\013\054\152\277\216\077\024\021\211\040\016  
\167\024\265\075\224\010\207\367\045\036\325\262\140\000\354\157  
\052\050\045\156\052\076\030\143\027\045\077\076\104\040\026\366  
\046\310\045\256\005\112\264\347\143\054\363\214\026\123\176\134  
\373\021\032\010\301\106\142\237\042\270\361\302\215\151\334\372  
\072\130\006\337\002\003\001\000\001\243\201\274\060\201\271\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\032\355\376\101\071  
\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021\060  
\144\006\003\125\035\043\004\135\060\133\200\024\032\355\376\101  
\071\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021  
\241\070\244\066\060\064\061\013\060\011\006\003\125\004\006\023  
\002\106\122\061\022\060\020\006\003\125\004\012\014\011\104\150  
\151\155\171\157\164\151\163\061\021\060\017\006\003\125\004\003  
\014\010\103\145\162\164\151\147\156\141\202\011\000\376\334\343  
\001\017\311\110\377\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\021\006\011\140\206\110\001\206\370\102  
\001\001\004\004\003\002\000\007\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\205\003\036\222  
\161\366\102\257\341\243\141\236\353\363\300\017\362\245\324\332  
\225\346\326\276\150\066\075\176\156\037\114\212\357\321\017\041  
\155\136\245\122\143\316\022\370\357\052\332\157\353\067\376\023  
\002\307\313\073\076\042\153\332\141\056\177\324\162\075\335\060  
\341\036\114\100\031\214\017\327\234\321\203\060\173\230\131\334  
\175\306\271\014\051\114\241\063\242\353\147\072\145\204\323\226  
\342\355\166\105\160\217\265\053\336\371\043\326\111\156\074\024  
\265\306\237\065\036\120\320\301\217\152\160\104\002\142\313\256  
\035\150\101\247\252\127\350\123\252\007\322\006\366\325\024\006  
\013\221\003\165\054\154\162\265\141\225\232\015\213\271\015\347  
\365\337\124\315\336\346\330\326\011\010\227\143\345\301\056\260  
\267\104\046\300\046\300\257\125\060\236\073\325\066\052\031\004



```
\364\134\036\377\317\054\267\377\320\375\207\100\021\325\021\043
\273\110\300\041\251\244\050\055\375\025\370\260\116\053\364\060
\133\041\374\021\221\064\276\101\357\173\235\227\165\377\227\225
\300\226\130\057\352\273\106\327\273\344\331\056
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for Certificate "Certigna"

# Issuer: CN=Certigna,O=Dhimyotis,C=FR

# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff

# Subject: CN=Certigna,O=Dhimyotis,C=FR

# Not Valid Before: Fri Jun 29 15:13:05 2007

# Not Valid After : Tue Jun 29 15:13:05 2027

# Fingerprint (MD5): AB:57:A6:5B:7D:42:82:19:B5:D8:58:26:28:5E:FD:FF

# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certigna"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\261\056\023\143\105\206\244\157\032\262\140\150\067\130\055\304
\254\375\224\227
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\253\127\246\133\175\102\202\031\265\330\130\046\050\136\375\377
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\011\000\376\334\343\001\017\311\110\377
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

# Certificate "ePKI Root Certification Authority"

#

# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

# Serial Number: 15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d

```
# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Mon Dec 20 02:31:27 2004
# Not Valid After : Wed Dec 20 02:31:27 2034
# Fingerprint (MD5): 1B:2E:00:CA:26:06:90:3D:AD:FE:6F:15:68:D3:6B:B3
# Fingerprint (SHA1): 67:65:0D:F1:7E:8E:7E:5B:82:40:A4:F4:56:4B:CF:E2:3D:69:C6:F0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ePKI Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322
\274\235
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\260\060\202\003\230\240\003\002\001\002\002\020\025
\310\275\145\107\134\257\270\227\000\136\344\006\322\274\235\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\136
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036
\027\015\060\064\061\062\062\060\060\062\063\061\062\067\132\027
\015\063\064\061\062\062\060\060\062\063\061\062\067\132\060\136
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113
```

\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\341  
\045\017\356\215\333\210\063\165\147\315\255\037\175\072\116\155  
\235\323\057\024\363\143\164\313\001\041\152\067\352\204\120\007  
\113\046\133\011\103\154\041\236\152\310\325\003\365\140\151\217  
\314\360\042\344\037\347\367\152\042\061\267\054\025\362\340\376  
\000\152\103\377\207\145\306\265\032\301\247\114\155\042\160\041  
\212\061\362\227\164\211\011\022\046\034\236\312\331\022\242\225  
\074\332\351\147\277\010\240\144\343\326\102\267\105\357\227\364  
\366\365\327\265\112\025\002\130\175\230\130\113\140\274\315\327  
\015\232\023\063\123\321\141\371\172\325\327\170\263\232\063\367  
\000\206\316\035\115\224\070\257\250\354\170\121\160\212\134\020  
\203\121\041\367\021\075\064\206\136\345\110\315\227\201\202\065  
\114\031\354\145\366\153\305\005\241\356\107\023\326\263\041\047  
\224\020\012\331\044\073\272\276\104\023\106\060\077\227\074\330  
\327\327\152\356\073\070\343\053\324\227\016\271\033\347\007\111  
\177\067\052\371\167\170\317\124\355\133\106\235\243\200\016\221  
\103\301\326\133\137\024\272\237\246\215\044\107\100\131\277\162  
\070\262\066\154\067\377\231\321\135\016\131\012\253\151\367\300  
\262\004\105\172\124\000\256\276\123\366\265\347\341\370\074\243  
\061\322\251\376\041\122\144\305\246\147\360\165\007\006\224\024  
\201\125\306\047\344\001\217\027\301\152\161\327\276\113\373\224  
\130\175\176\021\063\261\102\367\142\154\030\326\317\011\150\076  
\177\154\366\036\217\142\255\245\143\333\011\247\037\042\102\101  
\036\157\231\212\076\327\371\077\100\172\171\260\245\001\222\322  
\235\075\010\025\245\020\001\055\263\062\166\250\225\015\263\172  
\232\373\007\020\170\021\157\341\217\307\272\017\045\032\164\052  
\345\034\230\101\231\337\041\207\350\225\006\152\012\263\152\107  
\166\145\366\072\317\217\142\027\031\173\012\050\315\032\322\203  
\036\041\307\054\277\276\377\141\150\267\147\033\273\170\115\215  
\316\147\345\344\301\216\267\043\146\342\235\220\165\064\230\251  
\066\053\212\232\224\271\235\354\314\212\261\370\045\211\134\132  
\266\057\214\037\155\171\044\247\122\150\303\204\065\342\146\215  
\143\016\045\115\325\031\262\346\171\067\247\042\235\124\061\002  
\003\001\000\001\243\152\060\150\060\035\006\003\125\035\016\004  
\026\004\024\036\014\367\266\147\362\341\222\046\011\105\300\125  
\071\056\167\077\102\112\242\060\014\006\003\125\035\023\004\005  
\060\003\001\001\377\060\071\006\004\147\052\007\000\004\061\060  
\057\060\055\002\001\000\060\011\006\005\053\016\003\002\032\005  
\000\060\007\006\005\147\052\003\000\000\004\024\105\260\302\307  
\012\126\174\356\133\170\014\225\371\030\123\301\246\034\330\020  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\002\001\000\011\263\203\123\131\001\076\225\111\271\361\201  
\272\371\166\040\043\265\047\140\164\324\152\231\064\136\154\000  
\123\331\237\362\246\261\044\007\104\152\052\306\245\216\170\022  
\350\107\331\130\033\023\052\136\171\233\237\012\052\147\246\045

\077\006\151\126\163\303\212\146\110\373\051\201\127\164\006\312  
\234\352\050\350\070\147\046\053\361\325\265\077\145\223\370\066  
\135\216\215\215\100\040\207\031\352\357\047\300\075\264\071\017  
\045\173\150\120\164\125\234\014\131\175\132\075\101\224\045\122  
\010\340\107\054\025\061\031\325\277\007\125\306\273\022\265\227  
\364\137\203\205\272\161\301\331\154\201\021\166\012\012\260\277  
\202\227\367\352\075\372\372\354\055\251\050\224\073\126\335\322  
\121\056\256\300\275\010\025\214\167\122\064\226\326\233\254\323  
\035\216\141\017\065\173\233\256\071\151\013\142\140\100\040\066  
\217\257\373\066\356\055\010\112\035\270\277\233\134\370\352\245  
\033\240\163\246\330\370\156\340\063\004\137\150\252\047\207\355  
\331\301\220\234\355\275\343\152\065\257\143\337\253\030\331\272  
\346\351\112\352\120\212\017\141\223\036\342\055\031\342\060\224  
\065\222\135\016\266\007\257\031\200\217\107\220\121\113\056\115  
\335\205\342\322\012\122\012\027\232\374\032\260\120\002\345\001  
\243\143\067\041\114\104\304\233\121\231\021\016\163\234\006\217  
\124\056\247\050\136\104\071\207\126\055\067\275\205\104\224\341  
\014\113\054\234\303\222\205\064\141\313\017\270\233\112\103\122  
\376\064\072\175\270\351\051\334\166\251\310\060\370\024\161\200  
\306\036\066\110\164\042\101\134\207\202\350\030\161\213\101\211  
\104\347\176\130\133\250\270\215\023\351\247\154\303\107\355\263  
\032\235\142\256\215\202\352\224\236\335\131\020\303\255\335\342  
\115\343\061\325\307\354\350\362\260\376\222\036\026\012\032\374  
\331\363\370\047\266\311\276\035\264\154\144\220\177\364\344\304  
\133\327\067\256\102\016\335\244\032\157\174\210\124\305\026\156  
\341\172\150\056\370\072\277\015\244\074\211\073\170\247\116\143  
\203\004\041\010\147\215\362\202\111\320\133\375\261\315\017\203  
\204\324\076\040\205\367\112\075\053\234\375\052\012\011\115\352  
\201\370\021\234

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "ePKI Root Certification Authority"  
# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW  
# Serial Number:15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d  
# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW  
# Not Valid Before: Mon Dec 20 02:31:27 2004  
# Not Valid After : Wed Dec 20 02:31:27 2034  
# Fingerprint (MD5): 1B:2E:00:CA:26:06:90:3D:AD:FE:6F:15:68:D3:6B:B3  
# Fingerprint (SHA1): 67:65:0D:F1:7E:8E:7E:5B:82:40:A4:F4:56:4B:CF:E2:3D:69:C6:F0  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "ePKI Root Certification Authority"  
CKA\_CERT\_SHA1\_HASH MULTILINE OCTAL

\147\145\015\361\176\216\176\133\202\100\244\364\126\113\317\342  
\075\151\306\360

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\033\056\000\312\046\006\220\075\255\376\157\025\150\323\153\263

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150  
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040  
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145  
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322  
\274\235

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "certSIGN ROOT CA"

#

# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO

# Serial Number:20:06:05:16:70:02

# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO

# Not Valid Before: Tue Jul 04 17:20:04 2006

# Not Valid After : Fri Jul 04 17:20:04 2031

# Fingerprint (MD5): 18:98:C0:D6:E9:3A:FC:F9:B0:F5:0C:F7:4B:01:44:17

# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "certSIGN ROOT CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061  
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111  
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162  
\164\123\111\107\116\040\122\117\117\124\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061

\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111  
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162  
\164\123\111\107\116\040\122\117\117\124\040\103\101  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\006\040\006\005\026\160\002  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\070\060\202\002\040\240\003\002\001\002\002\006\040  
\006\005\026\160\002\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\060\073\061\013\060\011\006\003\125\004\006\023  
\002\122\117\061\021\060\017\006\003\125\004\012\023\010\143\145  
\162\164\123\111\107\116\061\031\060\027\006\003\125\004\013\023  
\020\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103  
\101\060\036\027\015\060\066\060\067\060\064\061\067\062\060\060  
\064\132\027\015\063\061\060\067\060\064\061\067\062\060\060\064  
\132\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117  
\061\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123  
\111\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145  
\162\164\123\111\107\116\040\122\117\117\124\040\103\101\060\202  
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\267  
\063\271\176\310\045\112\216\265\333\264\050\033\252\127\220\350  
\321\042\323\144\272\323\223\350\324\254\206\141\100\152\140\127  
\150\124\204\115\274\152\124\002\005\377\337\233\232\052\256\135  
\007\217\112\303\050\177\357\373\053\372\171\361\307\255\360\020  
\123\044\220\213\146\311\250\210\253\257\132\243\000\351\276\272  
\106\356\133\163\173\054\027\202\201\136\142\054\241\002\145\263  
\275\305\053\000\176\304\374\003\063\127\015\355\342\372\316\135  
\105\326\070\315\065\266\262\301\320\234\201\112\252\344\262\001  
\134\035\217\137\231\304\261\255\333\210\041\353\220\010\202\200  
\363\060\243\103\346\220\202\256\125\050\111\355\133\327\251\020  
\070\016\376\217\114\133\233\106\352\101\365\260\010\164\303\320  
\210\063\266\174\327\164\337\334\204\321\103\016\165\071\241\045  
\100\050\352\170\313\016\054\056\071\235\214\213\156\026\034\057  
\046\202\020\342\343\145\224\012\004\300\136\367\135\133\370\020  
\342\320\272\172\113\373\336\067\000\000\032\133\050\343\322\234  
\163\076\062\207\230\241\311\121\057\327\336\254\063\263\117\002  
\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\306\060\035\006\003\125\035\016  
\004\026\004\024\340\214\233\333\045\111\263\361\174\206\326\262  
\102\207\013\320\153\240\331\344\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\076\322\034\211  
\056\065\374\370\165\335\346\177\145\210\364\162\114\311\054\327  
\062\116\363\335\031\171\107\275\216\073\133\223\017\120\111\044  
\023\153\024\006\162\357\011\323\241\241\343\100\204\311\347\030  
\062\164\074\110\156\017\237\113\324\367\036\323\223\206\144\124

```
\227\143\162\120\325\125\317\372\040\223\002\242\233\303\043\223
\116\026\125\166\240\160\171\155\315\041\037\317\057\055\274\031
\343\210\061\370\131\032\201\011\310\227\246\164\307\140\304\133
\314\127\216\262\165\375\033\002\011\333\131\157\162\223\151\367
\061\101\326\210\070\277\207\262\275\026\171\371\252\344\276\210
\045\335\141\047\043\034\265\061\007\004\066\264\032\220\275\240
\164\161\120\211\155\274\024\343\017\206\256\361\253\076\307\240
\011\314\243\110\321\340\333\144\347\222\265\317\257\162\103\160
\213\371\303\204\074\023\252\176\222\233\127\123\223\372\160\302
\221\016\061\371\233\147\135\351\226\070\136\137\263\163\116\210
\025\147\336\236\166\020\142\040\276\125\151\225\103\000\071\115
\366\356\260\132\116\111\104\124\130\137\102\203
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "certSIGN ROOT CA"
# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Serial Number:20:06:05:16:70:02
# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Not Valid Before: Tue Jul 04 17:20:04 2006
# Not Valid After : Fri Jul 04 17:20:04 2031
# Fingerprint (MD5): 18:98:C0:D6:E9:3A:FC:F9:B0:F5:0C:F7:4B:01:44:17
# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN ROOT CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\372\267\356\066\227\046\142\373\055\260\052\366\277\003\375\350
\174\113\057\233
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\030\230\300\326\351\072\374\371\260\365\014\367\113\001\104\027
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\040\006\005\026\160\002
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#  
# Certificate "NetLock Arany (Class Gold) Ftanstvny"  
#  
# Issuer: CN=NetLock Arany (Class Gold) F..tan...s..tv..ny,OU=Tan...s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU  
# Serial Number:49:41:2c:e4:00:10  
# Subject: CN=NetLock Arany (Class Gold) F..tan...s..tv..ny,OU=Tan...s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU  
# Not Valid Before: Thu Dec 11 15:08:21 2008  
# Not Valid After : Wed Dec 06 15:08:21 2028  
# Fingerprint (MD5): C5:A1:B7:FF:73:DD:D6:D7:34:32:18:DF:FC:3C:AD:88  
# Fingerprint (SHA1): 06:08:3F:59:3F:15:A1:04:A0:69:A4:6B:A9:03:D0:06:B7:97:09:91

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "NetLock Arany (Class Gold) Ftanstvny"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125  
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160  
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145  
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003  
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303  
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143  
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145  
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141  
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303  
\272\163\303\255\164\166\303\241\156\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125  
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160  
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145  
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003  
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303  
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143  
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145  
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141  
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303  
\272\163\303\255\164\166\303\241\156\171

END



CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\006\111\101\054\344\000\020

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\025\060\202\002\375\240\003\002\001\002\002\006\111  
\101\054\344\000\020\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\060\201\247\061\013\060\011\006\003\125\004\006  
\023\002\110\125\061\021\060\017\006\003\125\004\007\014\010\102  
\165\144\141\160\145\163\164\061\025\060\023\006\003\125\004\012  
\014\014\116\145\164\114\157\143\153\040\113\146\164\056\061\067  
\060\065\006\003\125\004\013\014\056\124\141\156\303\272\163\303  
\255\164\166\303\241\156\171\153\151\141\144\303\263\153\040\050  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\051\061\065\060\063\006\003\125\004\003  
\014\054\116\145\164\114\157\143\153\040\101\162\141\156\171\040  
\050\103\154\141\163\163\040\107\157\154\144\051\040\106\305\221  
\164\141\156\303\272\163\303\255\164\166\303\241\156\171\060\036  
\027\015\060\070\061\062\061\061\061\065\060\070\062\061\132\027  
\015\062\070\061\062\060\066\061\065\060\070\062\061\132\060\201  
\247\061\013\060\011\006\003\125\004\006\023\002\110\125\061\021  
\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145\163  
\164\061\025\060\023\006\003\125\004\012\014\014\116\145\164\114  
\157\143\153\040\113\146\164\056\061\067\060\065\006\003\125\004  
\013\014\056\124\141\156\303\272\163\303\255\164\166\303\241\156  
\171\153\151\141\144\303\263\153\040\050\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163  
\051\061\065\060\063\006\003\125\004\003\014\054\116\145\164\114  
\157\143\153\040\101\162\141\156\171\040\050\103\154\141\163\163  
\040\107\157\154\144\051\040\106\305\221\164\141\156\303\272\163  
\303\255\164\166\303\241\156\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\304\044\136\163\276\113\155  
\024\303\241\364\343\227\220\156\322\060\105\036\074\356\147\331  
\144\340\032\212\177\312\060\312\203\343\040\301\343\364\072\323  
\224\137\032\174\133\155\277\060\117\204\047\366\237\037\111\274  
\306\231\012\220\362\017\365\177\103\204\067\143\121\213\172\245  
\160\374\172\130\315\216\233\355\303\106\154\204\160\135\332\363  
\001\220\043\374\116\060\251\176\341\047\143\347\355\144\074\240  
\270\311\063\143\376\026\220\377\260\270\375\327\250\300\300\224  
\103\013\266\325\131\246\236\126\320\044\037\160\171\257\333\071  
\124\015\145\165\331\025\101\224\001\257\136\354\366\215\361\377  
\255\144\376\040\232\327\134\353\376\246\037\010\144\243\213\166  
\125\255\036\073\050\140\056\207\045\350\252\257\037\306\144\106  
\040\267\160\177\074\336\110\333\226\123\267\071\167\344\032\342  
\307\026\204\166\227\133\057\273\031\025\205\370\151\205\365\231  
\247\251\362\064\247\251\266\246\003\374\157\206\075\124\174\166  
\004\233\153\371\100\135\000\064\307\056\231\165\235\345\210\003  
\252\115\370\003\322\102\166\300\033\002\003\000\250\213\243\105

```
\060\103\060\022\006\003\125\035\023\001\001\377\004\010\060\006
\001\001\377\002\001\004\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004
\024\314\372\147\223\360\266\270\320\245\300\036\363\123\375\214
\123\337\203\327\226\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\003\202\001\001\000\253\177\356\034\026\251\234
\074\121\000\240\300\021\010\005\247\231\346\157\001\210\124\141
\156\361\271\030\255\112\255\376\201\100\043\224\057\373\165\174
\057\050\113\142\044\201\202\013\365\141\361\034\156\270\141\070
\353\201\372\142\241\073\132\142\323\224\145\304\341\346\155\202
\370\057\045\160\262\041\046\301\162\121\037\214\054\303\204\220
\303\132\217\272\317\364\247\145\245\353\230\321\373\005\262\106
\165\025\043\152\157\205\143\060\200\360\325\236\037\051\034\302
\154\260\120\131\135\220\133\073\250\015\060\317\277\175\177\316
\361\235\203\275\311\106\156\040\246\371\141\121\272\041\057\173
\276\245\025\143\241\324\225\207\361\236\271\363\211\363\075\205
\270\270\333\276\265\271\051\371\332\067\005\000\111\224\003\204
\104\347\277\103\061\317\165\213\045\321\364\246\144\365\222\366
\253\005\353\075\351\245\013\066\142\332\314\006\137\066\213\266
\136\061\270\052\373\136\366\161\337\104\046\236\304\346\015\221
\264\056\165\225\200\121\152\113\060\246\260\142\241\223\361\233
\330\316\304\143\165\077\131\107\261
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "NetLock Arany (Class Gold) Ftanstvny"
# Issuer: CN=NetLock Arany (Class Gold) F.tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F.tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After : Wed Dec 06 15:08:21 2028
# Fingerprint (MD5): C5:A1:B7:FF:73:DD:D6:D7:34:32:18:DF:FC:3C:AD:88
# Fingerprint (SHA1): 06:08:3F:59:3F:15:A1:04:A0:69:A4:6B:A9:03:D0:06:B7:97:09:91
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanstvny"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\006\010\077\131\077\025\241\004\240\151\244\153\251\003\320\006
\267\227\011\221
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\241\267\377\163\335\326\327\064\062\030\337\374\074\255\210
```

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125  
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160  
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145  
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003  
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303  
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143  
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145  
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141  
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303  
\272\163\303\255\164\166\303\241\156\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\006\111\101\054\344\000\020

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Hongkong Post Root CA 1"

#

# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK

# Serial Number: 1000 (0x3e8)

# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK

# Not Valid Before: Thu May 15 05:13:14 2003

# Not Valid After : Mon May 15 04:52:29 2023

# Fingerprint (MD5): A8:0D:6F:39:78:B9:43:6D:77:42:6D:98:5A:CC:23:CA

# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hongkong Post Root CA 1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157  
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003  
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040  
\122\157\157\164\040\103\101\040\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061

\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157  
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003  
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040  
\122\157\157\164\040\103\101\040\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\003\350

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\060\060\202\002\030\240\003\002\001\002\002\002\003  
\350\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157  
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003  
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040  
\122\157\157\164\040\103\101\040\061\060\036\027\015\060\063\060  
\065\061\065\060\065\061\063\061\064\132\027\015\062\063\060\065  
\061\065\060\064\065\062\062\071\132\060\107\061\013\060\011\006  
\003\125\004\006\023\002\110\113\061\026\060\024\006\003\125\004  
\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164  
\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153  
\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101  
\040\061\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\254\377\070\266\351\146\002\111\343\242\264\341\220  
\371\100\217\171\371\342\275\171\376\002\275\356\044\222\035\042  
\366\332\205\162\151\376\327\077\011\324\335\221\265\002\234\320  
\215\132\341\125\303\120\206\271\051\046\302\343\331\240\361\151  
\003\050\040\200\105\042\055\126\247\073\124\225\126\042\131\037  
\050\337\037\040\075\155\242\066\276\043\240\261\156\265\261\047  
\077\071\123\011\352\253\152\350\164\262\302\145\134\216\277\174  
\303\170\204\315\236\026\374\365\056\117\040\052\010\237\167\363  
\305\036\304\232\122\146\036\110\136\343\020\006\217\042\230\341  
\145\216\033\135\043\146\073\270\245\062\121\310\206\252\241\251  
\236\177\166\224\302\246\154\267\101\360\325\310\006\070\346\324  
\014\342\363\073\114\155\120\214\304\203\047\301\023\204\131\075  
\236\165\164\266\330\002\136\072\220\172\300\102\066\162\354\152  
\115\334\357\304\000\337\023\030\127\137\046\170\310\326\012\171  
\167\277\367\257\267\166\271\245\013\204\027\135\020\352\157\341  
\253\225\021\137\155\074\243\134\115\203\133\362\263\031\212\200  
\213\013\207\002\003\001\000\001\243\046\060\044\060\022\006\003  
\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001\003  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\306  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\016\106\325\074\256\342\207\331\136\201\213\002  
\230\101\010\214\114\274\332\333\356\047\033\202\347\152\105\354  
\026\213\117\205\240\363\262\160\275\132\226\272\312\156\155\356  
\106\213\156\347\052\056\226\263\031\063\353\264\237\250\262\067

```
\356\230\250\227\266\056\266\147\047\324\246\111\375\034\223\145
\166\236\102\057\334\042\154\232\117\362\132\025\071\261\161\327
\053\121\350\155\034\230\300\331\052\364\241\202\173\325\311\101
\242\043\001\164\070\125\213\017\271\056\147\242\040\004\067\332
\234\013\323\027\041\340\217\227\171\064\157\204\110\002\040\063
\033\346\064\104\237\221\160\364\200\136\204\103\302\051\322\154
\022\024\344\141\215\254\020\220\236\204\120\273\360\226\157\105
\237\212\363\312\154\117\372\021\072\025\025\106\303\315\037\203
\133\055\101\022\355\120\147\101\023\075\041\253\224\212\252\116
\174\301\261\373\247\326\265\047\057\227\253\156\340\035\342\321
\034\054\037\104\342\374\276\221\241\234\373\326\051\123\163\206
\237\123\330\103\016\135\326\143\202\161\035\200\164\312\366\342
\002\153\331\132
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Hongkong Post Root CA 1"

# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK

# Serial Number: 1000 (0x3e8)

# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK

# Not Valid Before: Thu May 15 05:13:14 2003

# Not Valid After : Mon May 15 04:52:29 2023

# Fingerprint (MD5): A8:0D:6F:39:78:B9:43:6D:77:42:6D:98:5A:CC:23:CA

# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hongkong Post Root CA 1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\326\332\250\040\215\011\322\025\115\044\265\057\313\064\156\262
\130\262\212\130
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\250\015\157\071\170\271\103\155\167\102\155\230\132\314\043\312
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\002\003\350
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SecureSign RootCA11"

#

# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP

# Serial Number: 1 (0x1)

# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP

# Not Valid Before: Wed Apr 08 04:56:47 2009

# Not Valid After : Sun Apr 08 04:56:47 2029

# Fingerprint (MD5): B7:52:74:E2:92:B4:80:93:F2:75:E4:CC:D7:F2:EA:26

# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SecureSign RootCA11"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061  
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032  
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147  
\156\040\122\157\157\164\103\101\061\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061  
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032  
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147  
\156\040\122\157\157\164\103\101\061\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\155\060\202\002\125\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061\053  
\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145\162  
\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032\006

\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147\156  
\040\122\157\157\164\103\101\061\061\060\036\027\015\060\071\060  
\064\060\070\060\064\065\066\064\067\132\027\015\062\071\060\064  
\060\070\060\064\065\066\064\067\132\060\130\061\013\060\011\006  
\003\125\004\006\023\002\112\120\061\053\060\051\006\003\125\004  
\012\023\042\112\141\160\141\156\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163\054  
\040\111\156\143\056\061\034\060\032\006\003\125\004\003\023\023  
\123\145\143\165\162\145\123\151\147\156\040\122\157\157\164\103  
\101\061\061\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\375\167\252\245\034\220\005\073\313\114\233\063  
\213\132\024\105\244\347\220\026\321\337\127\322\041\020\244\027  
\375\337\254\326\037\247\344\333\174\367\354\337\270\003\332\224  
\130\375\135\162\174\214\077\137\001\147\164\025\226\343\002\074  
\207\333\256\313\001\216\302\363\146\306\205\105\364\002\306\072  
\265\142\262\257\372\234\277\244\346\324\200\060\230\363\015\266  
\223\217\251\324\330\066\362\260\374\212\312\054\241\025\063\225  
\061\332\300\033\362\356\142\231\206\143\077\277\335\223\052\203  
\250\166\271\023\037\267\316\116\102\205\217\042\347\056\032\362  
\225\011\262\005\265\104\116\167\241\040\275\251\362\116\012\175  
\120\255\365\005\015\105\117\106\161\375\050\076\123\373\004\330  
\055\327\145\035\112\033\372\317\073\260\061\232\065\156\310\213  
\006\323\000\221\362\224\010\145\114\261\064\006\000\172\211\342  
\360\307\003\131\317\325\326\350\247\062\263\346\230\100\206\305  
\315\047\022\213\314\173\316\267\021\074\142\140\007\043\076\053  
\100\156\224\200\011\155\266\263\157\167\157\065\010\120\373\002  
\207\305\076\211\002\003\001\000\001\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\133\370\115\117\262\245\206\324  
\072\322\361\143\232\240\276\011\366\127\267\336\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\240\241\070\026\146\056\247\126\037\041\234\006\372\035\355  
\271\042\305\070\046\330\116\117\354\243\177\171\336\106\041\241  
\207\167\217\007\010\232\262\244\305\257\017\062\230\013\174\146  
\051\266\233\175\045\122\111\103\253\114\056\053\156\172\160\257  
\026\016\343\002\154\373\102\346\030\235\105\330\125\310\350\073  
\335\347\341\364\056\013\034\064\134\154\130\112\373\214\210\120  
\137\225\034\277\355\253\042\265\145\263\205\272\236\017\270\255  
\345\172\033\212\120\072\035\275\015\274\173\124\120\013\271\102  
\257\125\240\030\201\255\145\231\357\276\344\234\277\304\205\253  
\101\262\124\157\334\045\315\355\170\342\216\014\215\011\111\335  
\143\173\132\151\226\002\041\250\275\122\131\351\175\065\313\310  
\122\312\177\201\376\331\153\323\367\021\355\045\337\370\347\371  
\244\372\162\227\204\123\015\245\320\062\030\121\166\131\024\154  
\017\353\354\137\200\214\165\103\203\303\205\230\377\114\236\055  
\015\344\167\203\223\116\265\226\007\213\050\023\233\214\031\215

```

\101\047\111\100\356\336\346\043\104\071\334\241\042\326\272\003
\362
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "SecureSign RootCA11"
# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Serial Number: 1 (0x1)
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
# Fingerprint (MD5): B7:52:74:E2:92:B4:80:93:F2:75:E4:CC:D7:F2:EA:26
# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureSign RootCA11"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\073\304\237\110\370\363\163\240\234\036\275\370\133\261\303\145
\307\330\021\263
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\122\164\342\222\264\200\223\362\165\344\314\327\362\352\046
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Microsec e-Szigno Root CA 2009"
#
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:00:c2:7e:43:04:4e:47:3f:19

```



```
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Jun 16 11:30:18 2009
# Not Valid After : Sun Dec 30 11:30:18 2029
# Fingerprint (MD5): F8:49:F4:03:BC:44:2D:83:BE:48:69:7D:29:64:FC:B1
# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\302\176\103\004\116\107\077\031
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\012\060\202\002\362\240\003\002\001\002\002\011\000
\302\176\103\004\116\107\077\031\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003
\125\004\006\023\002\110\125\061\021\060\017\006\003\125\004\007
\014\010\102\165\144\141\160\145\163\164\061\026\060\024\006\003
\125\004\012\014\015\115\151\143\162\157\163\145\143\040\114\164
\144\056\061\047\060\045\006\003\125\004\003\014\036\115\151\143
\162\157\163\145\143\040\145\055\123\172\151\147\156\157\040\122
\157\157\164\040\103\101\040\062\060\060\071\061\037\060\035\006
\011\052\206\110\206\367\015\001\011\001\026\020\151\156\146\157
```

\100\145\055\163\172\151\147\156\157\056\150\165\060\036\027\015  
\060\071\060\066\061\066\061\061\063\060\061\070\132\027\015\062  
\071\061\062\063\060\061\061\063\060\061\070\132\060\201\202\061  
\013\060\011\006\003\125\004\006\023\002\110\125\061\021\060\017  
\006\003\125\004\007\014\010\102\165\144\141\160\145\163\164\061  
\026\060\024\006\003\125\004\012\014\015\115\151\143\162\157\163  
\145\143\040\114\164\144\056\061\047\060\045\006\003\125\004\003  
\014\036\115\151\143\162\157\163\145\143\040\145\055\123\172\151  
\147\156\157\040\122\157\157\164\040\103\101\040\062\060\060\071  
\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026  
\020\151\156\146\157\100\145\055\163\172\151\147\156\157\056\150  
\165\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\351\370\217\363\143\255\332\206\330\247\340\102\373\317  
\221\336\246\046\370\231\245\143\160\255\233\256\312\063\100\175  
\155\226\156\241\016\104\356\341\023\235\224\102\122\232\275\165  
\205\164\054\250\016\035\223\266\030\267\214\054\250\317\373\134  
\161\271\332\354\376\350\176\217\344\057\035\262\250\165\207\330  
\267\241\345\073\317\231\112\106\320\203\031\175\300\241\022\034  
\225\155\112\364\330\307\245\115\063\056\205\071\100\165\176\024  
\174\200\022\230\120\307\101\147\270\240\200\141\124\246\154\116  
\037\340\235\016\007\351\311\272\063\347\376\300\125\050\054\002  
\200\247\031\365\236\334\125\123\003\227\173\007\110\377\231\373  
\067\212\044\304\131\314\120\020\143\216\252\251\032\260\204\032  
\206\371\137\273\261\120\156\244\321\012\314\325\161\176\037\247  
\033\174\365\123\156\042\137\313\053\346\324\174\135\256\326\302  
\306\114\345\005\001\331\355\127\374\301\043\171\374\372\310\044  
\203\225\363\265\152\121\001\320\167\326\351\022\241\371\032\203  
\373\202\033\271\260\227\364\166\006\063\103\111\240\377\013\265  
\372\265\002\003\001\000\001\243\201\200\060\176\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006  
\003\125\035\016\004\026\004\024\313\017\306\337\102\103\314\075  
\313\265\110\043\241\032\172\246\052\273\064\150\060\037\006\003  
\125\035\043\004\030\060\026\200\024\313\017\306\337\102\103\314  
\075\313\265\110\043\241\032\172\246\052\273\064\150\060\033\006  
\003\125\035\021\004\024\060\022\201\020\151\156\146\157\100\145  
\055\163\172\151\147\156\157\056\150\165\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\311\321  
\016\136\056\325\314\263\174\076\313\374\075\377\015\050\225\223  
\004\310\277\332\315\171\270\103\220\360\244\276\357\362\357\041  
\230\274\324\324\135\006\366\356\102\354\060\154\240\252\251\312  
\361\257\212\372\077\013\163\152\076\352\056\100\176\037\256\124  
\141\171\353\056\010\067\327\043\363\214\237\276\035\261\341\244  
\165\333\240\342\124\024\261\272\034\051\244\030\366\022\272\242  
\024\024\343\061\065\310\100\377\267\340\005\166\127\301\034\131  
\362\370\277\344\355\045\142\134\204\360\176\176\037\263\276\371  
\267\041\021\314\003\001\126\160\247\020\222\036\033\064\201\036

```
\255\234\032\303\004\074\355\002\141\326\036\006\363\137\072\207
\362\053\361\105\207\345\075\254\321\307\127\204\275\153\256\334
\330\371\266\033\142\160\013\075\066\311\102\362\062\327\172\141
\346\322\333\075\317\310\251\311\233\334\333\130\104\327\157\070
\257\177\170\323\243\255\032\165\272\034\301\066\174\217\036\155
\034\303\165\106\256\065\005\246\366\134\075\041\356\126\360\311
\202\042\055\172\124\253\160\303\175\042\145\202\160\226
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Microsec e-Szigno Root CA 2009"
```

```
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
```

```
# Serial Number:00:c2:7e:43:04:4e:47:3f:19
```

```
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
```

```
# Not Valid Before: Tue Jun 16 11:30:18 2009
```

```
# Not Valid After : Sun Dec 30 11:30:18 2029
```

```
# Fingerprint (MD5): F8:49:F4:03:BC:44:2D:83:BE:48:69:7D:29:64:FC:B1
```

```
# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\211\337\164\376\134\364\017\112\200\371\343\067\175\124\332\221
\341\001\061\216
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\370\111\364\003\274\104\055\203\276\110\151\175\051\144\374\261
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\011\000\302\176\103\004\116\107\077\031
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GlobalSign Root CA - R3"

#

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

# Serial Number:04:00:00:00:00:01:21:58:53:08:a2

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

# Not Valid Before: Wed Mar 18 10:00:00 2009

# Not Valid After : Sun Mar 18 10:00:00 2029

# Fingerprint (MD5): C5:DF:B8:49:CA:05:13:55:EE:2D:BA:1A:C3:3E:B0:28

# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA - R3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\041\130\123\010\242

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\137\060\202\002\107\240\003\002\001\002\002\013\004  
\000\000\000\000\001\041\130\123\010\242\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\060\114\061\040\060\036\006  
\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147\156  
\040\122\157\157\164\040\103\101\040\055\040\122\063\061\023\060  
\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123\151  
\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154\157  
\142\141\154\123\151\147\156\060\036\027\015\060\071\060\063\061  
\070\061\060\060\060\060\060\132\027\015\062\071\060\063\061\070  
\061\060\060\060\060\060\132\060\114\061\040\060\036\006\003\125

\004\013\023\027\107\154\157\142\141\154\123\151\147\156\040\122  
\157\157\164\040\103\101\040\055\040\122\063\061\023\060\021\006  
\003\125\004\012\023\012\107\154\157\142\141\154\123\151\147\156  
\061\023\060\021\006\003\125\004\003\023\012\107\154\157\142\141  
\154\123\151\147\156\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\314\045\166\220\171\006\170\042\026\365  
\300\203\266\204\312\050\236\375\005\166\021\305\255\210\162\374  
\106\002\103\307\262\212\235\004\137\044\313\056\113\341\140\202  
\106\341\122\253\014\201\107\160\154\335\144\321\353\365\054\243  
\017\202\075\014\053\256\227\327\266\024\206\020\171\273\073\023  
\200\167\214\010\341\111\322\152\142\057\037\136\372\226\150\337  
\211\047\225\070\237\006\327\076\311\313\046\131\015\163\336\260  
\310\351\046\016\203\025\306\357\133\213\322\004\140\312\111\246  
\050\366\151\073\366\313\310\050\221\345\235\212\141\127\067\254  
\164\024\334\164\340\072\356\162\057\056\234\373\320\273\277\365  
\075\000\341\006\063\350\202\053\256\123\246\072\026\163\214\335  
\101\016\040\072\300\264\247\241\351\262\117\220\056\062\140\351  
\127\313\271\004\222\150\150\345\070\046\140\165\262\237\167\377  
\221\024\357\256\040\111\374\255\100\025\110\321\002\061\141\031  
\136\270\227\357\255\167\267\144\232\172\277\137\301\023\357\233  
\142\373\015\154\340\124\151\026\251\003\332\156\351\203\223\161  
\166\306\151\205\202\027\002\003\001\000\001\243\102\060\100\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\217\360\113\177\250  
\056\105\044\256\115\120\372\143\232\213\336\342\335\033\274\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\001\001\000\113\100\333\300\120\252\376\310\014\357\367\226\124  
\105\111\273\226\000\011\101\254\263\023\206\206\050\007\063\312  
\153\346\164\271\272\000\055\256\244\012\323\365\361\361\017\212  
\277\163\147\112\203\307\104\173\170\340\257\156\154\157\003\051  
\216\063\071\105\303\216\344\271\127\154\252\374\022\226\354\123  
\306\055\344\044\154\271\224\143\373\334\123\150\147\126\076\203  
\270\317\065\041\303\311\150\376\316\332\302\123\252\314\220\212  
\351\360\135\106\214\225\335\172\130\050\032\057\035\336\315\000  
\067\101\217\355\104\155\327\123\050\227\176\363\147\004\036\025  
\327\212\226\264\323\336\114\047\244\114\033\163\163\166\364\027  
\231\302\037\172\016\343\055\010\255\012\034\054\377\074\253\125  
\016\017\221\176\066\353\303\127\111\276\341\056\055\174\140\213  
\303\101\121\023\043\235\316\367\062\153\224\001\250\231\347\054  
\063\037\072\073\045\322\206\100\316\073\054\206\170\311\141\057  
\024\272\356\333\125\157\337\204\356\005\011\115\275\050\330\162  
\316\323\142\120\145\036\353\222\227\203\061\331\263\265\312\107  
\130\077\137

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GlobalSign Root CA - R3"  
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3  
# Serial Number:04:00:00:00:01:21:58:53:08:a2  
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3  
# Not Valid Before: Wed Mar 18 10:00:00 2009  
# Not Valid After : Sun Mar 18 10:00:00 2029  
# Fingerprint (MD5): C5:DF:B8:49:CA:05:13:55:EE:2D:BA:1A:C3:3E:B0:28  
# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA - R3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\326\233\126\021\110\360\034\167\305\105\170\301\011\046\337\133  
\205\151\166\255

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\305\337\270\111\312\005\023\125\356\055\272\032\303\076\260\050

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\041\130\123\010\242

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Serial Number:53:ec:3b:ee:fb:b2:48:5f

# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Not Valid Before: Wed May 20 08:38:15 2009

# Not Valid After : Tue Dec 31 08:38:15 2030

# Fingerprint (MD5): 73:3A:74:7A:EC:BB:A3:96:A6:C2:E4:E2:C8:9B:C0:C3

# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\262\110\137
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\024\060\202\003\374\240\003\002\001\002\002\010\123
\354\073\356\373\262\110\137\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\121\061\013\060\011\006\003\125\004
\006\023\002\105\123\061\102\060\100\006\003\125\004\003\014\071
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141
\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040
\101\066\062\066\063\064\060\066\070\060\036\027\015\060\071\060
\065\062\060\060\070\063\070\061\065\132\027\015\063\060\061\062
\063\061\060\070\063\070\061\065\132\060\121\061\013\060\011\006
\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004
\003\014\071\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\040\106\151
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103
\111\106\040\101\066\062\066\063\064\060\066\070\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\226\153
\216\352\370\373\361\242\065\340\177\114\332\340\303\122\327\175
\266\020\310\002\136\263\103\052\304\117\152\262\312\034\135\050
\232\170\021\032\151\131\127\257\265\040\102\344\213\017\346\337
\133\246\003\222\057\365\021\344\142\327\062\161\070\331\004\014
\161\253\075\121\176\017\007\337\143\005\134\351\277\224\157\301
```

\051\202\300\264\332\121\260\301\074\273\255\067\112\134\312\361  
\113\066\016\044\253\277\303\204\167\375\250\120\364\261\347\306  
\057\322\055\131\215\172\012\116\226\151\122\002\252\066\230\354  
\374\372\024\203\014\067\037\311\222\067\177\327\201\055\345\304  
\271\340\076\064\376\147\364\076\146\321\323\364\100\317\136\142  
\064\017\160\006\076\040\030\132\316\367\162\033\045\154\223\164  
\024\223\243\163\261\016\252\207\020\043\131\137\040\005\031\107  
\355\150\216\222\022\312\135\374\326\053\262\222\074\040\317\341  
\137\257\040\276\240\166\177\166\345\354\032\206\141\063\076\347  
\173\264\077\240\017\216\242\271\152\157\271\207\046\157\101\154  
\210\246\120\375\152\143\013\365\223\026\033\031\217\262\355\233  
\233\311\220\365\001\014\337\031\075\017\076\070\043\311\057\217  
\014\321\002\376\033\125\326\116\320\215\074\257\117\244\363\376  
\257\052\323\005\235\171\010\241\313\127\061\264\234\310\220\262  
\147\364\030\026\223\072\374\107\330\321\170\226\061\037\272\053  
\014\137\135\231\255\143\211\132\044\040\166\330\337\375\253\116  
\246\042\252\235\136\346\047\212\175\150\051\243\347\212\270\332  
\021\273\027\055\231\235\023\044\106\367\305\342\330\237\216\177  
\307\217\164\155\132\262\350\162\365\254\356\044\020\255\057\024  
\332\377\055\232\106\161\107\276\102\337\273\001\333\364\177\323  
\050\217\061\131\133\323\311\002\246\264\122\312\156\227\373\103  
\305\010\046\157\212\364\273\375\237\050\252\015\325\105\363\023  
\072\035\330\300\170\217\101\147\074\036\224\144\256\173\013\305  
\350\331\001\210\071\032\227\206\144\101\325\073\207\014\156\372  
\017\306\275\110\024\277\071\115\324\236\101\266\217\226\035\143  
\226\223\331\225\006\170\061\150\236\067\006\073\200\211\105\141  
\071\043\307\033\104\243\025\345\034\370\222\060\273\002\003\001  
\000\001\243\201\357\060\201\354\060\022\006\003\125\035\023\001  
\001\377\004\010\060\006\001\001\377\002\001\001\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\145\315\353\253\065\036\000\076\176  
\325\164\300\034\264\163\107\016\032\144\057\060\201\246\006\003  
\125\035\040\004\201\236\060\201\233\060\201\230\006\004\125\035  
\040\000\060\201\217\060\057\006\010\053\006\001\005\005\007\002  
\001\026\043\150\164\164\160\072\057\057\167\167\167\056\146\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\056\143  
\157\155\057\143\160\163\060\134\006\010\053\006\001\005\005\007  
\002\002\060\120\036\116\000\120\000\141\000\163\000\145\000\157  
\000\040\000\144\000\145\000\040\000\154\000\141\000\040\000\102  
\000\157\000\156\000\141\000\156\000\157\000\166\000\141\000\040  
\000\064\000\067\000\040\000\102\000\141\000\162\000\143\000\145  
\000\154\000\157\000\156\000\141\000\040\000\060\000\070\000\060  
\000\061\000\067\060\015\006\011\052\206\110\206\367\015\001\001  
\005\005\000\003\202\002\001\000\027\175\240\371\264\335\305\305  
\353\255\113\044\265\241\002\253\335\245\210\112\262\017\125\113  
\053\127\214\073\345\061\335\376\304\062\361\347\133\144\226\066  
\062\030\354\245\062\167\327\343\104\266\300\021\052\200\271\075  
\152\156\174\233\323\255\374\303\326\243\346\144\051\174\321\341



\070\036\202\053\377\047\145\257\373\026\025\304\056\161\204\345  
\265\377\372\244\107\275\144\062\273\366\045\204\242\047\102\365  
\040\260\302\023\020\021\315\020\025\272\102\220\052\322\104\341  
\226\046\353\061\110\022\375\052\332\311\006\317\164\036\251\113  
\325\207\050\371\171\064\222\076\056\104\350\366\217\117\217\065  
\077\045\263\071\334\143\052\220\153\040\137\304\122\022\116\227  
\054\052\254\235\227\336\110\362\243\146\333\302\322\203\225\246  
\146\247\236\045\017\351\013\063\221\145\012\132\303\331\124\022  
\335\257\303\116\016\037\046\136\015\334\263\215\354\325\201\160  
\336\322\117\044\005\363\154\116\365\114\111\146\215\321\377\322  
\013\045\101\110\376\121\204\306\102\257\200\004\317\320\176\144  
\111\344\362\337\242\354\261\114\300\052\035\347\264\261\145\242  
\304\274\361\230\364\252\160\007\143\264\270\332\073\114\372\100  
\042\060\133\021\246\360\005\016\306\002\003\110\253\206\233\205  
\335\333\335\352\242\166\200\163\175\365\234\004\304\105\215\347  
\271\034\213\236\352\327\165\321\162\261\336\165\104\347\102\175  
\342\127\153\175\334\231\274\075\203\050\352\200\223\215\305\114  
\145\301\160\201\270\070\374\103\061\262\366\003\064\107\262\254  
\373\042\006\313\036\335\027\107\034\137\146\271\323\032\242\332  
\021\261\244\274\043\311\344\276\207\377\271\224\266\370\135\040  
\112\324\137\347\275\150\173\145\362\025\036\322\072\251\055\351  
\330\153\044\254\227\130\104\107\255\131\030\361\041\145\160\336  
\316\064\140\250\100\361\363\074\244\303\050\043\214\376\047\063  
\103\100\240\027\074\353\352\073\260\162\246\243\271\112\113\136  
\026\110\364\262\274\310\214\222\305\235\237\254\162\066\274\064  
\200\064\153\251\213\222\300\270\027\355\354\166\123\365\044\001  
\214\263\042\350\113\174\125\306\235\372\243\024\273\145\205\156  
\156\117\022\176\012\074\235\225

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Serial Number:53:ec:3b:ee:fb:b2:48:5f

# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Not Valid Before: Wed May 20 08:38:15 2009

# Not Valid After : Tue Dec 31 08:38:15 2030

# Fingerprint (MD5): 73:3A:74:7A:EC:BB:A3:96:A6:C2:E4:E2:C8:9B:C0:C3

# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\256\305\373\077\310\341\277\304\345\117\003\007\132\232\350\000

```

\267\367\266\372
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\163\072\164\172\354\273\243\226\246\302\344\342\310\233\300\303
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\262\110\137
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Izenpe.com"
#
# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d
# Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Not Valid Before: Thu Dec 13 13:08:28 2007
# Not Valid After : Sun Dec 13 08:27:25 2037
# Fingerprint (MD5): A6:B0:CD:85:80:DA:5C:50:34:A3:39:90:2F:55:67:73
# Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Izenpe.com"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012

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\111\172\145\156\160\145\056\143\157\155

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031  
\346\175

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\361\060\202\003\331\240\003\002\001\002\002\020\000  
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\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\070  
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\024\060  
\022\006\003\125\004\012\014\013\111\132\105\116\120\105\040\123  
\056\101\056\061\023\060\021\006\003\125\004\003\014\012\111\172  
\145\156\160\145\056\143\157\155\060\036\027\015\060\067\061\062  
\061\063\061\063\060\070\062\070\132\027\015\063\067\061\062\061  
\063\060\070\062\067\062\065\132\060\070\061\013\060\011\006\003  
\125\004\006\023\002\105\123\061\024\060\022\006\003\125\004\012  
\014\013\111\132\105\116\120\105\040\123\056\101\056\061\023\060  
\021\006\003\125\004\003\014\012\111\172\145\156\160\145\056\143  
\157\155\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\311\323\172\312\017\036\254\247\206\350\026\145\152  
\261\302\033\105\062\161\225\331\376\020\133\314\257\347\245\171  
\001\217\211\303\312\362\125\161\367\167\276\167\224\363\162\244  
\054\104\330\236\222\233\024\072\241\347\044\220\012\012\126\216  
\305\330\046\224\341\331\110\341\055\076\332\012\162\335\243\231  
\025\332\201\242\207\364\173\156\046\167\211\130\255\326\353\014  
\262\101\172\163\156\155\333\172\170\101\351\010\210\022\176\207  
\056\146\021\143\154\124\373\074\235\162\300\274\056\377\302\267  
\335\015\166\343\072\327\367\264\150\276\242\365\343\201\156\301  
\106\157\135\215\340\115\306\124\125\211\032\063\061\012\261\127  
\271\243\212\230\303\354\073\064\305\225\101\151\176\165\302\074  
\040\305\141\272\121\107\240\040\220\223\241\220\113\363\116\174  
\205\105\124\232\321\005\046\101\260\265\115\035\063\276\304\003  
\310\045\174\301\160\333\073\364\011\055\124\047\110\254\057\341  
\304\254\076\310\313\222\114\123\071\067\043\354\323\001\371\340  
\011\104\115\115\144\300\341\015\132\207\042\274\255\033\243\376  
\046\265\025\363\247\374\204\031\351\354\241\210\264\104\151\204  
\203\363\211\321\164\006\251\314\013\326\302\336\047\205\120\046  
\312\027\270\311\172\207\126\054\032\001\036\154\276\023\255\020  
\254\265\044\365\070\221\241\326\113\332\361\273\322\336\107\265  
\361\274\201\366\131\153\317\031\123\351\215\025\313\112\313\251  
\157\104\345\033\101\317\341\206\247\312\320\152\237\274\114\215  
\006\063\132\242\205\345\220\065\240\142\134\026\116\360\343\242  
\372\003\032\264\054\161\263\130\054\336\173\013\333\032\017\353  
\336\041\037\006\167\006\003\260\311\357\231\374\300\271\117\013  
\206\050\376\322\271\352\343\332\245\303\107\151\022\340\333\360  
\366\031\213\355\173\160\327\002\326\355\207\030\050\054\004\044

\114\167\344\110\212\032\306\073\232\324\017\312\372\165\322\001  
\100\132\215\171\277\213\317\113\317\252\026\301\225\344\255\114  
\212\076\027\221\324\261\142\345\202\345\200\004\244\003\176\215  
\277\332\177\242\017\227\117\014\323\015\373\327\321\345\162\176  
\034\310\167\377\133\232\017\267\256\005\106\345\361\250\026\354  
\107\244\027\002\003\001\000\001\243\201\366\060\201\363\060\201  
\260\006\003\125\035\021\004\201\250\060\201\245\201\017\151\156  
\146\157\100\151\172\145\156\160\145\056\143\157\155\244\201\221  
\060\201\216\061\107\060\105\006\003\125\004\012\014\076\111\132  
\105\116\120\105\040\123\056\101\056\040\055\040\103\111\106\040  
\101\060\061\063\063\067\062\066\060\055\122\115\145\162\143\056  
\126\151\164\157\162\151\141\055\107\141\163\164\145\151\172\040  
\124\061\060\065\065\040\106\066\062\040\123\070\061\103\060\101  
\006\003\125\004\011\014\072\101\166\144\141\040\144\145\154\040  
\115\145\144\151\164\145\162\162\141\156\145\157\040\105\164\157  
\162\142\151\144\145\141\040\061\064\040\055\040\060\061\060\061  
\060\040\126\151\164\157\162\151\141\055\107\141\163\164\145\151  
\172\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\035\006\003\125\035\016\004\026\004\024\035\034\145  
\016\250\362\045\173\264\221\317\344\261\261\346\275\125\164\154  
\005\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\003\202\002\001\000\170\246\014\026\112\237\114\210\072\300\313  
\016\245\026\175\237\271\110\137\030\217\015\142\066\366\315\031  
\153\254\253\325\366\221\175\256\161\363\077\263\016\170\205\233  
\225\244\047\041\107\102\112\174\110\072\365\105\174\263\014\216  
\121\170\254\225\023\336\306\375\175\270\032\220\114\253\222\003  
\307\355\102\001\316\017\330\261\372\242\222\341\140\155\256\172  
\153\011\252\306\051\356\150\111\147\060\200\044\172\061\026\071  
\133\176\361\034\056\335\154\011\255\362\061\301\202\116\271\273  
\371\276\277\052\205\077\300\100\243\072\131\374\131\113\074\050  
\044\333\264\025\165\256\015\210\272\056\163\300\275\130\207\345  
\102\362\353\136\356\036\060\042\231\313\067\321\304\041\154\201  
\354\276\155\046\346\034\344\102\040\236\107\260\254\203\131\160  
\054\065\326\257\066\064\264\315\073\370\062\250\357\343\170\211  
\373\215\105\054\332\234\270\176\100\034\141\347\076\242\222\054  
\113\362\315\372\230\266\051\377\363\362\173\251\037\056\240\223  
\127\053\336\205\003\371\151\067\313\236\170\152\005\264\305\061  
\170\211\354\172\247\205\341\271\173\074\336\276\036\171\204\316  
\237\160\016\131\302\065\056\220\052\061\331\344\105\172\101\244  
\056\023\233\064\016\146\173\111\253\144\227\320\106\303\171\235  
\162\120\143\246\230\133\006\275\110\155\330\071\203\160\350\065  
\360\005\321\252\274\343\333\310\002\352\174\375\202\332\302\133  
\122\065\256\230\072\255\272\065\223\043\247\037\110\335\065\106  
\230\262\020\150\344\245\061\302\012\130\056\031\201\020\311\120  
\165\374\352\132\026\316\021\327\356\357\120\210\055\141\377\077  
\102\163\005\224\103\325\216\074\116\001\072\031\245\037\106\116  
\167\320\135\345\201\042\041\207\376\224\175\204\330\223\255\326

```
\150\103\110\262\333\353\163\044\347\221\177\124\244\266\200\076
\235\243\074\114\162\302\127\304\240\324\314\070\047\316\325\006
\236\242\110\331\351\237\316\202\160\066\223\232\073\337\226\041
\343\131\267\014\332\221\067\360\375\131\132\263\231\310\151\154
\103\046\001\065\143\140\125\211\003\072\165\330\272\112\331\124
\377\356\336\200\330\055\321\070\325\136\055\013\230\175\076\154
\333\374\046\210\307
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for Certificate "Izenpe.com"

# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES

# Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d

# Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES

# Not Valid Before: Thu Dec 13 13:08:28 2007

# Not Valid After : Sun Dec 13 08:27:25 2037

# Fingerprint (MD5): A6:B0:CD:85:80:DA:5C:50:34:A3:39:90:2F:55:67:73

# Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Izenpe.com"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\057\170\075\045\122\030\247\112\145\071\161\265\054\242\234\105
\025\157\351\031
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\246\260\315\205\200\332\134\120\064\243\071\220\057\125\147\163
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031
\346\175
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

```

# Certificate "Chambers of Commerce Root - 2008"
#
# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Serial Number:00:a3:da:42:7e:a4:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After : Sat Jul 31 12:29:50 2038
# Fingerprint (MD5): 5E:80:9E:84:5A:0E:65:0B:17:02:F3:55:18:2A:3E:D7
# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\243\332\102\176\244\261\256\332

```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\007\117\060\202\005\067\240\003\002\001\002\002\011\000  
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\367\015\001\001\005\005\000\060\201\256\061\013\060\011\006\003  
\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004\007  
\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165  
\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164  
\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056  
\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020  
\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070\067  
\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141  
\155\145\162\146\151\162\155\141\040\123\056\101\056\061\051\060  
\047\006\003\125\004\003\023\040\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164\040\055\040\062\060\060\070\060\036\027\015\060\070\060\070  
\060\061\061\062\062\071\065\060\132\027\015\063\070\060\067\063  
\061\061\062\062\071\065\060\132\060\201\256\061\013\060\011\006  
\003\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004  
\007\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143  
\165\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141  
\164\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141  
\056\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060  
\020\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070  
\067\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103  
\141\155\145\162\146\151\162\155\141\040\123\056\101\056\061\051  
\060\047\006\003\125\004\003\023\040\103\150\141\155\142\145\162  
\163\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157  
\157\164\040\055\040\062\060\060\070\060\202\002\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017  
\000\060\202\002\012\002\202\002\001\000\257\000\313\160\067\053  
\200\132\112\072\154\170\224\175\243\177\032\037\366\065\325\275  
\333\313\015\104\162\076\046\262\220\122\272\143\073\050\130\157  
\245\263\155\224\246\363\335\144\014\125\366\366\347\362\042\042  
\200\136\341\142\306\266\051\341\201\154\362\277\345\175\062\152  
\124\240\062\031\131\376\037\213\327\075\140\206\205\044\157\343  
\021\263\167\076\040\226\065\041\153\263\010\331\160\056\144\367  
\204\222\123\326\016\260\220\212\212\343\207\215\006\323\275\220  
\016\342\231\241\033\206\016\332\232\012\273\013\141\120\006\122  
\361\236\177\166\354\313\017\320\036\015\317\231\060\075\034\304  
\105\020\130\254\326\323\350\327\345\352\305\001\007\167\326\121  
\346\003\177\212\110\245\115\150\165\271\351\274\236\116\031\161  
\365\062\113\234\155\140\031\013\373\314\235\165\334\277\046\315  
\217\223\170\071\171\163\136\045\016\312\134\353\167\022\007\313  
\144\101\107\162\223\253\120\303\353\011\166\144\064\322\071\267  
\166\021\011\015\166\105\304\251\256\075\152\257\265\175\145\057  
\224\130\020\354\134\174\257\176\342\266\030\331\320\233\116\132  
\111\337\251\146\013\314\074\306\170\174\247\234\035\343\316\216

\123\276\005\336\140\017\153\345\032\333\077\343\341\041\311\051  
\301\361\353\007\234\122\033\001\104\121\074\173\045\327\304\345  
\122\124\135\045\007\312\026\040\270\255\344\101\356\172\010\376  
\231\157\203\246\221\002\260\154\066\125\152\347\175\365\226\346  
\312\201\326\227\361\224\203\351\355\260\261\153\022\151\036\254  
\373\135\251\305\230\351\264\133\130\172\276\075\242\104\072\143  
\131\324\013\045\336\033\117\275\345\001\236\315\322\051\325\237  
\027\031\012\157\277\014\220\323\011\137\331\343\212\065\314\171  
\132\115\031\067\222\267\304\301\255\257\364\171\044\232\262\001  
\013\261\257\134\226\363\200\062\373\134\075\230\361\240\077\112  
\336\276\257\224\056\331\125\232\027\156\140\235\143\154\270\143  
\311\256\201\134\030\065\340\220\273\276\074\117\067\042\271\176  
\353\317\236\167\041\246\075\070\201\373\110\332\061\075\053\343  
\211\365\320\265\275\176\340\120\304\022\211\263\043\232\020\061  
\205\333\256\157\357\070\063\030\166\021\002\003\001\000\001\243  
\202\001\154\060\202\001\150\060\022\006\003\125\035\023\001\001  
\377\004\010\060\006\001\001\377\002\001\014\060\035\006\003\125  
\035\016\004\026\004\024\371\044\254\017\262\265\370\171\300\372  
\140\210\033\304\331\115\002\236\027\031\060\201\343\006\003\125  
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\370\171\300\372\140\210\033\304\331\115\002\236\027\031\241\201  
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\141\144\162\151\144\040\050\163\145\145\040\143\165\162\162\145  
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\004\005\023\011\101\070\062\067\064\063\062\070\067\061\033\060  
\031\006\003\125\004\012\023\022\101\103\040\103\141\155\145\162  
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\125\004\003\023\040\103\150\141\155\142\145\162\163\040\157\146  
\040\103\157\155\155\145\162\143\145\040\122\157\157\164\040\055  
\040\062\060\060\070\202\011\000\243\332\102\176\244\261\256\332  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\075\006\003\125\035\040\004\066\060\064\060\062\006\004\125  
\035\040\000\060\052\060\050\006\010\053\006\001\005\005\007\002  
\001\026\034\150\164\164\160\072\057\057\160\157\154\151\143\171  
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\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202  
\002\001\000\220\022\257\042\065\302\243\071\360\056\336\351\265  
\351\170\174\110\276\077\175\105\222\136\351\332\261\031\374\026  
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\043\017\336\045\072\136\314\117\245\301\265\055\254\044\322\130  
\007\336\242\317\151\204\140\063\350\020\015\023\251\043\320\205  
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\044\043\052\220\375\220\051\065\362\223\337\064\245\306\367\370
\357\214\017\142\112\174\256\323\365\124\370\215\266\232\126\207
\026\202\072\063\253\132\042\010\367\202\272\352\056\340\107\232
\264\265\105\243\005\073\331\334\056\105\100\073\352\334\177\350
\073\353\321\354\046\330\065\244\060\305\072\254\127\236\263\166
\245\040\173\371\036\112\005\142\001\246\050\165\140\227\222\015
\156\076\115\067\103\015\222\025\234\030\042\315\121\231\240\051
\032\074\137\212\062\063\133\060\307\211\057\107\230\017\243\003
\306\366\361\254\337\062\360\331\201\032\344\234\275\366\200\024
\360\321\054\271\205\365\330\243\261\310\245\041\345\034\023\227
\356\016\275\337\051\251\357\064\123\133\323\344\152\023\204\006
\266\062\002\304\122\256\042\322\334\262\041\102\032\332\100\360
\051\311\354\012\014\134\342\320\272\314\110\323\067\012\314\022
\012\212\171\260\075\003\177\151\113\364\064\040\175\263\064\352
\216\113\144\365\076\375\263\043\147\025\015\004\270\360\055\301
\011\121\074\262\154\025\360\245\043\327\203\164\344\345\056\311
\376\230\047\102\306\253\306\236\260\320\133\070\245\233\120\336
\176\030\230\265\105\073\366\171\264\350\367\032\173\006\203\373
\320\213\332\273\307\275\030\253\010\157\074\200\153\100\077\031
\031\272\145\212\346\276\325\134\323\066\327\357\100\122\044\140
\070\147\004\061\354\217\363\202\306\336\271\125\363\073\061\221
\132\334\265\010\025\255\166\045\012\015\173\056\207\342\014\246
\006\274\046\020\155\067\235\354\335\170\214\174\200\305\360\331
\167\110\320
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Chambers of Commerce Root - 2008"
```

```
# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
```

```
# Serial Number:00:a3:da:42:7e:a4:b1:ae:da
```

```
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
```

```
# Not Valid Before: Fri Aug 01 12:29:50 2008
```

```
# Not Valid After : Sat Jul 31 12:29:50 2038
```

```
# Fingerprint (MD5): 5E:80:9E:84:5A:0E:65:0B:17:02:F3:55:18:2A:3E:D7
```

```
# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\170\152\164\254\166\253\024\177\234\152\060\120\272\236\250\176
\376\232\316\074
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\136\200\236\204\132\016\145\013\027\002\363\125\030\052\076\327  
END

CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125  
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151  
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141  
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141  
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144  
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011  
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125  
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023  
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155  
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060  
\070  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\011\000\243\332\102\176\244\261\256\332  
END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#  
# Certificate "Global Chambersign Root - 2008"  
#  
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see  
current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU  
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce  
# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid  
(see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU  
# Not Valid Before: Fri Aug 01 12:31:40 2008  
# Not Valid After : Sat Jul 31 12:31:40 2038  
# Fingerprint (MD5): 9E:80:FF:78:01:0C:2E:C1:36:BD:FE:96:90:6E:08:F3  
# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Global Chambersign Root - 2008"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125  
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151  
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141  
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141

\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144  
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011  
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125  
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023  
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163  
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125  
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151  
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141  
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141  
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144  
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011  
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125  
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023  
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163  
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\311\315\323\351\325\175\043\316

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\007\111\060\202\005\061\240\003\002\001\002\002\011\000  
\311\315\323\351\325\175\043\316\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\060\201\254\061\013\060\011\006\003  
\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004\007  
\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165  
\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164  
\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056  
\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020  
\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070\067  
\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141  
\155\145\162\146\151\162\155\141\040\123\056\101\056\061\047\060  
\045\006\003\125\004\003\023\036\107\154\157\142\141\154\040\103  
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164\040  
\055\040\062\060\060\070\060\036\027\015\060\070\060\070\060\061  
\061\062\063\061\064\060\132\027\015\063\070\060\067\063\061\061  
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\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165\162  
\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164\040  
\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056\143  
\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020\006  
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\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\056\101\056\061\047\060\045  
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\023\333\377\301\266\031\213\067\101\030\225\122\107\353\027\235  
\051\210\216\065\154\006\062\056\107\142\363\111\004\277\175\104  
\066\261\161\314\275\132\011\163\325\331\205\104\377\221\127\045  
\337\136\066\216\160\321\134\161\103\035\331\332\357\134\322\373  
\033\275\072\265\313\255\243\314\104\247\015\256\041\025\077\271  
\172\133\222\165\330\244\022\070\211\031\212\267\200\322\342\062  
\157\126\234\221\326\210\020\013\263\164\144\222\164\140\363\366  
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\165\323\301\376\000\125\260\207\124\350\047\220\065\035\114\063  
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\310\235\235\301\155\320\320\277\121\344\343\370\303\070\066\256  
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\103\130\240\126\143\312\075\075\345\065\126\131\351\016\312\040  
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\133\223\006\065\056\136\060\201\341\006\003\125\035\043\004\201  
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\027\244\143\121\353\012\001\255\177\354\165\236\313\241\037\361  
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\142\034\366\255\174\335\246\061\036\266\261\307\176\205\046\372  
\244\152\265\332\143\060\321\357\223\067\262\146\057\175\005\367  
\347\267\113\230\224\065\300\331\072\051\301\235\262\120\063\035  
\112\251\132\246\311\003\357\355\364\347\250\156\212\264\127\204  
\353\244\077\320\356\252\252\207\133\143\350\223\342\153\250\324  
\270\162\170\153\033\355\071\344\135\313\233\252\207\325\117\116  
\000\376\331\152\237\074\061\017\050\002\001\175\230\350\247\260  
\242\144\236\171\370\110\362\025\251\314\346\310\104\353\077\170  
\231\362\173\161\076\074\361\230\247\305\030\022\077\346\273\050  
\063\102\351\105\012\174\155\362\206\171\057\305\202\031\175\011  
\211\174\262\124\166\210\256\336\301\363\314\341\156\333\061\326  
\223\256\231\240\357\045\152\163\230\211\133\072\056\023\210\036  
\277\300\222\224\064\033\343\047\267\213\036\157\102\377\347\351  
\067\233\120\035\055\242\371\002\356\313\130\130\072\161\274\150  
\343\252\301\257\034\050\037\242\334\043\145\077\201\352\256\231  
\323\330\060\317\023\015\117\025\311\204\274\247\110\055\370\060  
\043\167\330\106\113\171\155\366\214\355\072\177\140\021\170\364  
\351\233\256\325\124\300\164\200\321\013\102\237\301

END

```

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Global Chambersign Root - 2008"
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see
current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
# Fingerprint (MD5): 9E:80:FF:78:01:0C:2E:C1:36:BD:FE:96:90:6E:08:F3
# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\112\275\356\354\225\015\065\234\211\256\307\122\241\054\133\051
\366\326\252\014
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\236\200\377\170\001\014\056\301\066\275\376\226\220\156\010\363
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\311\315\323\351\325\175\043\316
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

```

```

# Certificate "Go Daddy Root Certificate Authority - G2"
#
# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): 80:3A:BC:22:C1:E6:FB:8D:9B:3B:27:4A:32:1B:9A:01
# Fingerprint (SHA1): 47:BE:AB:C9:22:EA:E8:0E:78:78:34:62:A7:9F:45:C2:54:FD:E6:8B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\305\060\202\002\255\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164

```

\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012\023  
\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111\156  
\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157\040  
\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\062\060\036\027\015\060\071\060\071\060\061\060  
\060\060\060\060\060\132\027\015\063\067\061\062\063\061\062\063  
\065\071\065\071\132\060\201\203\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\020\060\016\006\003\125\004\010\023\007  
\101\162\151\172\157\156\141\061\023\060\021\006\003\125\004\007  
\023\012\123\143\157\164\164\163\144\141\154\145\061\032\060\030  
\006\003\125\004\012\023\021\107\157\104\141\144\144\171\056\143  
\157\155\054\040\111\156\143\056\061\061\060\057\006\003\125\004  
\003\023\050\107\157\040\104\141\144\144\171\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062\060\202\001\042\060  
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202  
\001\017\000\060\202\001\012\002\202\001\001\000\277\161\142\010  
\361\372\131\064\367\033\311\030\243\367\200\111\130\351\042\203  
\023\246\305\040\103\001\073\204\361\346\205\111\237\047\352\366  
\204\033\116\240\264\333\160\230\307\062\001\261\005\076\007\116  
\356\364\372\117\057\131\060\042\347\253\031\126\153\342\200\007  
\374\363\026\165\200\071\121\173\345\371\065\266\164\116\251\215  
\202\023\344\266\077\251\003\203\372\242\276\212\025\152\177\336  
\013\303\266\031\024\005\312\352\303\250\004\224\073\106\174\062  
\015\363\000\146\042\310\215\151\155\066\214\021\030\267\323\262  
\034\140\264\070\372\002\214\316\323\335\106\007\336\012\076\353  
\135\174\310\174\373\260\053\123\244\222\142\151\121\045\005\141  
\032\104\201\214\054\251\103\226\043\337\254\072\201\232\016\051  
\305\034\251\351\135\036\266\236\236\060\012\071\316\361\210\200  
\373\113\135\314\062\354\205\142\103\045\064\002\126\047\001\221  
\264\073\160\052\077\156\261\350\234\210\001\175\237\324\371\333  
\123\155\140\235\277\054\347\130\253\270\137\106\374\316\304\033  
\003\074\011\353\111\061\134\151\106\263\340\107\002\003\001\000  
\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\072\232\205\007\020\147\050\266\357\366\275\005\101\156\040  
\301\224\332\017\336\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\231\333\135\171\325\371\227  
\131\147\003\141\361\176\073\006\061\165\055\241\040\216\117\145  
\207\264\367\246\234\274\330\351\057\320\333\132\356\317\164\214  
\163\264\070\102\332\005\173\370\002\165\270\375\245\261\327\256  
\366\327\336\023\313\123\020\176\212\106\321\227\372\267\056\053  
\021\253\220\260\047\200\371\350\237\132\351\067\237\253\344\337  
\154\263\205\027\235\075\331\044\117\171\221\065\326\137\004\353  
\200\203\253\232\002\055\265\020\364\330\220\307\004\163\100\355  
\162\045\240\251\237\354\236\253\150\022\231\127\306\217\022\072



```
\011\244\275\104\375\006\025\067\301\233\344\062\243\355\070\350
\330\144\363\054\176\024\374\002\352\237\315\377\007\150\027\333
\042\220\070\055\172\215\321\124\361\151\343\137\063\312\172\075
\173\012\343\312\177\137\071\345\342\165\272\305\166\030\063\316
\054\360\057\114\255\367\261\347\316\117\250\304\233\112\124\006
\305\177\175\325\010\017\342\034\376\176\027\270\254\136\366\324
\026\262\103\011\014\115\366\247\153\264\231\204\145\312\172\210
\342\342\104\276\134\367\352\034\365
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Go Daddy Root Certificate Authority - G2"
```

```
# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com,
Inc.",L=Scottsdale,ST=Arizona,C=US
```

```
# Not Valid Before: Tue Sep 01 00:00:00 2009
```

```
# Not Valid After : Thu Dec 31 23:59:59 2037
```

```
# Fingerprint (MD5): 80:3A:BC:22:C1:E6:FB:8D:9B:3B:27:4A:32:1B:9A:01
```

```
# Fingerprint (SHA1): 47:BE:AB:C9:22:EA:E8:0E:78:78:34:62:A7:9F:45:C2:54:FD:E6:8B
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\107\276\253\311\042\352\350\016\170\170\064\142\247\237\105\302
\124\375\346\213
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\200\072\274\042\301\346\373\215\233\073\047\112\062\033\232\001
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\000
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Starfield Root Certificate Authority - G2"
#
# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): D6:39:81:C6:52:7E:96:69:FC:FC:CA:66:ED:05:F2:96
# Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END
```

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\335\060\202\002\305\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023  
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156  
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062\060  
\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145\154  
\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062\060\036\027\015\060\071\060\071\060\061\060\060\060\060\060  
\060\132\027\015\063\067\061\062\063\061\062\063\065\071\065\071  
\132\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172  
\157\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143  
\157\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004  
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143  
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061  
\062\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151  
\145\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055  
\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\275\355\301\003\374\366\217\374\002\261\157\133  
\237\110\331\235\171\342\242\267\003\141\126\030\303\107\266\327  
\312\075\065\056\211\103\367\241\151\233\336\212\032\375\023\040  
\234\264\111\167\062\051\126\375\271\354\214\335\042\372\162\334  
\047\141\227\356\366\132\204\354\156\031\271\211\054\334\204\133  
\325\164\373\153\137\305\211\245\020\122\211\106\125\364\270\165  
\034\346\177\344\124\256\113\370\125\162\127\002\031\370\027\161  
\131\353\036\050\007\164\305\235\110\276\154\264\364\244\260\363  
\144\067\171\222\300\354\106\136\177\341\155\123\114\142\257\315  
\037\013\143\273\072\235\373\374\171\000\230\141\164\317\046\202  
\100\143\363\262\162\152\031\015\231\312\324\016\165\314\067\373  
\213\211\301\131\361\142\177\137\263\137\145\060\370\247\267\115  
\166\132\036\166\136\064\300\350\226\126\231\212\263\360\177\244  
\315\275\334\062\061\174\221\317\340\137\021\370\153\252\111\134  
\321\231\224\321\242\343\143\133\011\166\265\126\142\341\113\164  
\035\226\324\046\324\010\004\131\320\230\016\016\346\336\374\303  
\354\037\220\361\002\003\001\000\001\243\102\060\100\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\174\014\062\037\247\331\060

\177\304\175\150\243\142\250\241\316\253\007\133\047\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001  
\000\021\131\372\045\117\003\157\224\231\073\232\037\202\205\071  
\324\166\005\224\136\341\050\223\155\142\135\011\302\240\250\324  
\260\165\070\361\064\152\235\344\237\212\206\046\121\346\054\321  
\306\055\156\225\040\112\222\001\354\270\212\147\173\061\342\147  
\056\214\225\003\046\056\103\235\112\061\366\016\265\014\273\267  
\342\067\177\042\272\000\243\016\173\122\373\153\273\073\304\323  
\171\121\116\315\220\364\147\007\031\310\074\106\172\015\001\175  
\305\130\347\155\346\205\060\027\232\044\304\020\340\004\367\340  
\362\177\324\252\012\377\102\035\067\355\224\345\144\131\022\040  
\167\070\323\062\076\070\201\165\226\163\372\150\217\261\313\316  
\037\305\354\372\234\176\317\176\261\361\007\055\266\374\277\312  
\244\277\320\227\005\112\274\352\030\050\002\220\275\124\170\011  
\041\161\323\321\175\035\331\026\260\251\141\075\320\012\000\042  
\374\307\173\313\011\144\105\013\073\100\201\367\175\174\062\365  
\230\312\130\216\175\052\356\220\131\163\144\371\066\164\136\045  
\241\365\146\005\056\177\071\025\251\052\373\120\213\216\205\151  
\364

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Starfield Root Certificate Authority - G2"  
# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US  
# Serial Number: 0 (0x0)  
# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US  
# Not Valid Before: Tue Sep 01 00:00:00 2009  
# Not Valid After : Thu Dec 31 23:59:59 2037  
# Fingerprint (MD5): D6:39:81:C6:52:7E:96:69:FC:FC:CA:66:ED:05:F2:96  
# Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Starfield Root Certificate Authority - G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071  
\324\347\017\016

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\326\071\201\306\122\176\226\151\374\374\312\146\355\005\362\226

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123

```
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\000
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Starfield Services Root Certificate Authority - G2"

#

# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US

# Serial Number: 0 (0x0)

# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US

# Not Valid Before: Tue Sep 01 00:00:00 2009

# Not Valid After : Thu Dec 31 23:59:59 2037

# Fingerprint (MD5): 17:35:74:AF:7B:61:1C:EB:F4:F9:3C:E2:EE:40:F9:A2

# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157  
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157  
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012  
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150  
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073  
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145  
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\357\060\202\002\327\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023  
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156  
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073\060  
\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145\154  
\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164\040  
\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150  
\157\162\151\164\171\040\055\040\107\062\060\036\027\015\060\071  
\060\071\060\061\060\060\060\060\060\132\027\015\063\067\061  
\062\063\061\062\063\065\071\065\071\132\060\201\230\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\020\060\016\006\003  
\125\004\010\023\007\101\162\151\172\157\156\141\061\023\060\021  
\006\003\125\004\007\023\012\123\143\157\164\164\163\144\141\154  
\145\061\045\060\043\006\003\125\004\012\023\034\123\164\141\162  
\146\151\145\154\144\040\124\145\143\150\156\157\154\157\147\151  
\145\163\054\040\111\156\143\056\061\073\060\071\006\003\125\004  
\003\023\062\123\164\141\162\146\151\145\154\144\040\123\145\162  
\166\151\143\145\163\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\325\014\072\304\052\371\116\342\365\276  
\031\227\137\216\210\123\261\037\077\313\317\237\040\023\155\051  
\072\310\017\175\074\367\153\166\070\143\331\066\140\250\233\136  
\134\000\200\262\057\131\177\366\207\371\045\103\206\347\151\033  
\122\232\220\341\161\343\330\055\015\116\157\366\310\111\331\266  
\363\032\126\256\053\266\164\024\353\317\373\046\343\032\272\035

\226\056\152\073\130\224\211\107\126\377\045\240\223\160\123\203  
\332\204\164\024\303\147\236\004\150\072\337\216\100\132\035\112  
\116\317\103\221\073\347\126\326\000\160\313\122\356\173\175\256  
\072\347\274\061\371\105\366\302\140\317\023\131\002\053\200\314  
\064\107\337\271\336\220\145\155\002\317\054\221\246\246\347\336  
\205\030\111\174\146\116\243\072\155\251\265\356\064\056\272\015  
\003\270\063\337\107\353\261\153\215\045\331\233\316\201\321\105  
\106\062\226\160\207\336\002\016\111\103\205\266\154\163\273\144  
\352\141\101\254\311\324\124\337\207\057\307\042\262\046\314\237  
\131\124\150\237\374\276\052\057\304\125\034\165\100\140\027\205  
\002\125\071\213\177\005\002\003\001\000\001\243\102\060\100\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\035\006\003\125\035\016\004\026\004\024\234\137\000\337\252  
\001\327\060\053\070\210\242\270\155\112\234\362\021\221\203\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\001\001\000\113\066\246\204\167\151\335\073\031\237\147\043\010  
\157\016\141\311\375\204\334\137\330\066\201\315\330\033\101\055  
\237\140\335\307\032\150\331\321\156\206\341\210\043\317\023\336  
\103\317\342\064\263\004\235\037\051\325\277\370\136\310\325\301  
\275\356\222\157\062\164\362\221\202\057\275\202\102\172\255\052  
\267\040\175\115\274\172\125\022\302\025\352\275\367\152\225\056  
\154\164\237\317\034\264\362\305\001\243\205\320\162\076\255\163  
\253\013\233\165\014\155\105\267\216\224\254\226\067\265\240\320  
\217\025\107\016\343\350\203\335\217\375\357\101\001\167\314\047  
\251\142\205\063\362\067\010\357\161\317\167\006\336\310\031\035  
\210\100\317\175\106\035\377\036\307\341\316\377\043\333\306\372  
\215\125\116\251\002\347\107\021\106\076\364\375\275\173\051\046  
\273\251\141\142\067\050\266\055\052\366\020\206\144\311\160\247  
\322\255\267\051\160\171\352\074\332\143\045\237\375\150\267\060  
\354\160\373\165\212\267\155\140\147\262\036\310\271\351\330\250  
\157\002\213\147\015\115\046\127\161\332\040\374\301\112\120\215  
\261\050\272

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Starfield Services Root Certificate Authority - G2"

# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US

# Serial Number: 0 (0x0)

# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US

# Not Valid Before: Tue Sep 01 00:00:00 2009

# Not Valid After : Thu Dec 31 23:59:59 2037

# Fingerprint (MD5): 17:35:74:AF:7B:61:1C:EB:F4:F9:3C:E2:EE:40:F9:A2

# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\222\132\217\215\054\155\004\340\146\137\131\152\377\042\330\143
\350\045\157\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\027\065\164\257\173\141\034\353\364\371\074\342\356\100\371\242
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Commercial"
#
# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
# Not Valid After : Tue Dec 31 14:06:06 2030
# Fingerprint (MD5): 82:92:BA:5B:EF:CD:8A:6F:A6:3D:55:F9:84:F6:D6:B7
# Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Commercial"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```



CKA\_SUBJECT MULTILINE\_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155  
\145\162\143\151\141\154

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155  
\145\162\143\151\141\154

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\167\167\006\047\046\251\261\174

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\167  
\167\006\047\046\251\261\174\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\104\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013  
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006  
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163  
\164\040\103\157\155\155\145\162\143\151\141\154\060\036\027\015  
\061\060\060\061\062\071\061\064\060\066\060\066\132\027\015\063  
\060\061\062\063\061\061\064\060\066\060\066\132\060\104\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006  
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163  
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151  
\162\155\124\162\165\163\164\040\103\157\155\155\145\162\143\151  
\141\154\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\366\033\117\147\007\053\241\025\365\006\042\313\037  
\001\262\343\163\105\006\104\111\054\273\111\045\024\326\316\303  
\267\253\054\117\306\101\062\224\127\372\022\247\133\016\342\217  
\037\036\206\031\247\252\265\055\271\137\015\212\302\257\205\065  
\171\062\055\273\034\142\067\362\261\133\112\075\312\315\161\137  
\351\102\276\224\350\310\336\371\042\110\144\306\345\253\306\053  
\155\255\005\360\372\325\013\317\232\345\360\120\244\213\073\107  
\245\043\133\172\172\370\063\077\270\357\231\227\343\040\301\326  
\050\211\317\224\373\271\105\355\343\100\027\021\324\164\360\013  
\061\342\053\046\152\233\114\127\256\254\040\076\272\105\172\005  
\363\275\233\151\025\256\175\116\040\143\304\065\166\072\007\002  
\311\067\375\307\107\356\350\361\166\035\163\025\362\227\244\265  
\310\172\171\331\102\252\053\177\134\376\316\046\117\243\146\201  
\065\257\104\272\124\036\034\060\062\145\235\346\074\223\136\120

\116\172\343\072\324\156\314\032\373\371\322\067\256\044\052\253  
\127\003\042\050\015\111\165\177\267\050\332\165\277\216\343\334  
\016\171\061\002\003\001\000\001\243\102\060\100\060\035\006\003  
\125\035\016\004\026\004\024\235\223\306\123\213\136\312\257\077  
\237\036\017\345\231\225\274\044\366\224\217\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011  
\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001\000  
\130\254\364\004\016\315\300\015\377\012\375\324\272\026\137\051  
\275\173\150\231\130\111\322\264\035\067\115\177\047\175\106\006  
\135\103\306\206\056\076\163\262\046\175\117\223\251\266\304\052  
\232\253\041\227\024\261\336\214\323\253\211\025\330\153\044\324  
\361\026\256\330\244\134\324\177\121\216\355\030\001\261\223\143  
\275\274\370\141\200\232\236\261\316\102\160\342\251\175\006\045  
\175\047\241\376\157\354\263\036\044\332\343\113\125\032\000\073  
\065\264\073\331\327\135\060\375\201\023\211\362\302\006\053\355  
\147\304\216\311\103\262\134\153\025\211\002\274\142\374\116\362  
\265\063\252\262\157\323\012\242\120\343\366\073\350\056\104\302  
\333\146\070\251\063\126\110\361\155\033\063\215\015\214\077\140  
\067\235\323\312\155\176\064\176\015\237\162\166\213\033\237\162  
\375\122\065\101\105\002\226\057\034\262\232\163\111\041\261\111  
\107\105\107\264\357\152\064\021\311\115\232\314\131\267\326\002  
\236\132\116\145\265\224\256\033\337\051\260\026\361\277\000\236  
\007\072\027\144\265\004\265\043\041\231\012\225\073\227\174\357

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "AffirmTrust Commercial"

# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US

# Serial Number:77:77:06:27:26:a9:b1:7c

# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:06:06 2010

# Not Valid After : Tue Dec 31 14:06:06 2030

# Fingerprint (MD5): 82:92:BA:5B:EF:CD:8A:6F:A6:3D:55:F9:84:F6:D6:B7

# Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AffirmTrust Commercial"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\371\265\266\062\105\137\234\276\354\127\137\200\334\351\156\054  
\307\262\170\267

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\202\222\272\133\357\315\212\157\246\075\125\371\204\366\326\267

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\167\167\006\047\046\251\261\174
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Networking"
#
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Serial Number:7c:4f:04:39:1c:d4:99:2d
# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:08:24 2010
# Not Valid After : Tue Dec 31 14:08:24 2030
# Fingerprint (MD5): 42:65:CA:BE:01:9A:9A:4C:A9:8C:41:49:CD:C0:D5:7F
# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL

```

\002\010\174\117\004\071\034\324\231\055

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\174  
\117\004\071\034\324\231\055\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\104\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013  
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006  
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163  
\164\040\116\145\164\167\157\162\153\151\156\147\060\036\027\015  
\061\060\060\061\062\071\061\064\060\070\062\064\132\027\015\063  
\060\061\062\063\061\061\064\060\070\062\064\132\060\104\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006  
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163  
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151  
\162\155\124\162\165\163\164\040\116\145\164\167\157\162\153\151  
\156\147\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\264\204\314\063\027\056\153\224\154\153\141\122\240  
\353\243\317\171\224\114\345\224\200\231\313\125\144\104\145\217  
\147\144\342\006\343\134\067\111\366\057\233\204\204\036\055\362  
\140\235\060\116\314\204\205\342\054\317\036\236\376\066\253\063  
\167\065\104\330\065\226\032\075\066\350\172\016\330\325\107\241  
\152\151\213\331\374\273\072\256\171\132\325\364\326\161\273\232  
\220\043\153\232\267\210\164\207\014\036\137\271\236\055\372\253  
\123\053\334\273\166\076\223\114\010\010\214\036\242\043\034\324  
\152\255\042\272\231\001\056\155\145\313\276\044\146\125\044\113  
\100\104\261\033\327\341\302\205\300\336\020\077\075\355\270\374  
\361\361\043\123\334\277\145\227\157\331\371\100\161\215\175\275  
\225\324\316\276\240\136\047\043\336\375\246\320\046\016\000\051  
\353\074\106\360\075\140\277\077\120\322\334\046\101\121\236\024  
\067\102\004\243\160\127\250\033\207\355\055\372\173\356\214\012  
\343\251\146\211\031\313\101\371\335\104\066\141\317\342\167\106  
\310\175\366\364\222\201\066\375\333\064\361\162\176\363\014\026  
\275\264\025\002\003\001\000\001\243\102\060\100\060\035\006\003  
\125\035\016\004\026\004\024\007\037\322\347\234\332\302\156\242  
\100\264\260\172\120\020\120\164\304\310\275\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\211\127\262\026\172\250\302\375\326\331\233\233\064\302\234\264  
\062\024\115\247\244\337\354\276\247\276\370\103\333\221\067\316  
\264\062\056\120\125\032\065\116\166\103\161\040\357\223\167\116  
\025\160\056\207\303\301\035\155\334\313\265\047\324\054\126\321  
\122\123\072\104\322\163\310\304\033\005\145\132\142\222\234\356  
\101\215\061\333\347\064\352\131\041\325\001\172\327\144\270\144  
\071\315\311\355\257\355\113\003\110\247\240\231\001\200\334\145  
\243\066\256\145\131\110\117\202\113\310\145\361\127\035\345\131

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\056\012\077\154\330\321\365\345\011\264\154\124\000\012\340\025
\115\207\165\155\267\130\226\132\335\155\322\000\240\364\233\110
\276\303\067\244\272\066\340\174\207\205\227\032\025\242\336\056
\242\133\275\257\030\371\220\120\315\160\131\370\047\147\107\313
\307\240\007\072\175\321\054\135\154\031\072\146\265\175\375\221
\157\202\261\276\010\223\333\024\107\361\242\067\307\105\236\074
\307\167\257\144\250\223\337\366\151\203\202\140\362\111\102\064
\355\132\000\124\205\034\026\066\222\014\134\372\246\255\277\333
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "AffirmTrust Networking"
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Serial Number:7c:4f:04:39:1c:d4:99:2d
# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:08:24 2010
# Not Valid After : Tue Dec 31 14:08:24 2030
# Fingerprint (MD5): 42:65:CA:BE:01:9A:9A:4C:A9:8C:41:49:CD:C0:D5:7F
# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\051\066\041\002\213\040\355\002\365\146\305\062\321\326\355\220
\237\105\000\057
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\102\145\312\276\001\232\232\114\251\214\101\111\315\300\325\177
END
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "AffirmTrust Premium"
#
# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Serial Number:6d:8c:14:46:b1:a6:0a:ee
# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:10:36 2010
# Not Valid After : Mon Dec 31 14:10:36 2040
# Fingerprint (MD5): C4:5D:0E:48:B6:AC:28:30:4E:0A:BC:F9:38:16:87:57
# Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\155\214\024\106\261\246\012\356
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\106\060\202\003\056\240\003\002\001\002\002\010\155
\214\024\106\261\246\012\356\060\015\006\011\052\206\110\206\367
\015\001\001\014\005\000\060\101\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\034\060\032\006
\003\125\004\003\014\023\101\146\146\151\162\155\124\162\165\163
\164\040\120\162\145\155\151\165\155\060\036\027\015\061\060\060
\061\062\071\061\064\061\060\063\066\132\027\015\064\060\061\062
\063\061\061\064\061\060\063\066\132\060\101\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125\004
\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061\034
\060\032\006\003\125\004\003\014\023\101\146\146\151\162\155\124
\162\165\163\164\040\120\162\145\155\151\165\155\060\202\002\042
```

\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\304\022\337  
\251\137\376\101\335\335\365\237\212\343\366\254\341\074\170\232  
\274\330\360\177\172\240\063\052\334\215\040\133\256\055\157\347  
\223\331\066\160\152\150\317\216\121\243\205\133\147\004\240\020  
\044\157\135\050\202\301\227\127\330\110\051\023\266\341\276\221  
\115\337\205\014\123\030\232\036\044\242\117\217\360\242\205\013  
\313\364\051\177\322\244\130\356\046\115\311\252\250\173\232\331  
\372\070\336\104\127\025\345\370\214\310\331\110\342\015\026\047  
\035\036\310\203\205\045\267\272\252\125\101\314\003\042\113\055  
\221\215\213\346\211\257\146\307\351\377\053\351\074\254\332\322  
\263\303\341\150\234\211\370\172\000\126\336\364\125\225\154\373  
\272\144\335\142\213\337\013\167\062\353\142\314\046\232\233\273  
\252\142\203\114\264\006\172\060\310\051\277\355\006\115\227\271  
\034\304\061\053\325\137\274\123\022\027\234\231\127\051\146\167  
\141\041\061\007\056\045\111\235\030\362\356\363\053\161\214\265  
\272\071\007\111\167\374\357\056\222\220\005\215\055\057\167\173  
\357\103\277\065\273\232\330\371\163\247\054\362\320\127\356\050  
\116\046\137\217\220\150\011\057\270\370\334\006\351\056\232\076  
\121\247\321\042\304\012\247\070\110\154\263\371\377\175\253\206  
\127\343\272\326\205\170\167\272\103\352\110\177\366\330\276\043  
\155\036\277\321\066\154\130\134\361\356\244\031\124\032\365\003  
\322\166\346\341\214\275\074\263\323\110\113\342\310\370\177\222  
\250\166\106\234\102\145\076\244\036\301\007\003\132\106\055\270  
\227\363\267\325\262\125\041\357\272\334\114\000\227\373\024\225  
\047\063\277\350\103\107\106\322\010\231\026\140\073\232\176\322  
\346\355\070\352\354\001\036\074\110\126\111\011\307\114\067\000  
\236\210\016\300\163\341\157\146\351\162\107\060\076\020\345\013  
\003\311\232\102\000\154\305\224\176\141\304\212\337\177\202\032  
\013\131\304\131\062\167\263\274\140\151\126\071\375\264\006\173  
\054\326\144\066\331\275\110\355\204\037\176\245\042\217\052\270  
\102\364\202\267\324\123\220\170\116\055\032\375\201\157\104\327  
\073\001\164\226\102\340\000\342\056\153\352\305\356\162\254\273  
\277\376\352\252\250\370\334\366\262\171\212\266\147\002\003\001  
\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004  
\024\235\300\147\246\014\042\331\046\365\105\253\246\145\122\021  
\047\330\105\254\143\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015  
\001\001\014\005\000\003\202\002\001\000\263\127\115\020\142\116  
\072\344\254\352\270\034\257\062\043\310\263\111\132\121\234\166  
\050\215\171\252\127\106\027\325\365\122\366\267\104\350\010\104  
\277\030\204\322\013\200\315\305\022\375\000\125\005\141\207\101  
\334\265\044\236\074\304\330\310\373\160\236\057\170\226\203\040  
\066\336\174\017\151\023\210\245\165\066\230\010\246\306\337\254  
\316\343\130\326\267\076\336\272\363\353\064\100\330\242\201\365  
\170\077\057\325\245\374\331\242\324\136\004\016\027\255\376\101  
\360\345\262\162\372\104\202\063\102\350\055\130\367\126\214\142

```
\077\272\102\260\234\014\134\176\056\145\046\134\123\117\000\262
\170\176\241\015\231\055\215\270\035\216\242\304\260\375\140\320
\060\244\216\310\004\142\251\304\355\065\336\172\227\355\016\070
\136\222\057\223\160\245\251\234\157\247\175\023\035\176\306\010
\110\261\136\147\353\121\010\045\351\346\045\153\122\051\221\234
\322\071\163\010\127\336\231\006\264\133\235\020\006\341\302\000
\250\270\034\112\002\012\024\320\301\101\312\373\214\065\041\175
\202\070\362\251\124\221\031\065\223\224\155\152\072\305\262\320
\273\211\206\223\350\233\311\017\072\247\172\270\241\360\170\106
\372\374\067\057\345\212\204\363\337\376\004\331\241\150\240\057
\044\342\011\225\006\325\225\312\341\044\226\353\174\366\223\005
\273\355\163\351\055\321\165\071\327\347\044\333\330\116\137\103
\217\236\320\024\071\277\125\160\110\231\127\061\264\234\356\112
\230\003\226\060\037\140\006\356\033\043\376\201\140\043\032\107
\142\205\245\314\031\064\200\157\263\254\032\343\237\360\173\110
\255\325\001\331\147\266\251\162\223\352\055\146\265\262\270\344
\075\074\262\357\114\214\352\353\007\277\253\065\232\125\206\274
\030\246\265\250\136\264\203\154\153\151\100\323\237\334\361\303
\151\153\271\341\155\011\364\361\252\120\166\012\172\175\172\027
\241\125\226\102\231\061\011\335\140\021\215\005\060\176\346\216
\106\321\235\024\332\307\027\344\005\226\214\304\044\265\033\317
\024\007\262\100\370\243\236\101\206\274\004\320\153\226\310\052
\200\064\375\277\357\006\243\335\130\305\205\075\076\217\376\236
\051\340\266\270\011\150\031\034\030\103
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "AffirmTrust Premium"
```

```
# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US
```

```
# Serial Number:6d:8c:14:46:b1:a6:0a:ee
```

```
# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US
```

```
# Not Valid Before: Fri Jan 29 14:10:36 2010
```

```
# Not Valid After : Mon Dec 31 14:10:36 2040
```

```
# Fingerprint (MD5): C4:5D:0E:48:B6:AC:28:30:4E:0A:BC:F9:38:16:87:57
```

```
# Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "AffirmTrust Premium"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\330\246\063\054\340\003\157\261\205\366\143\117\175\152\006\145
\046\062\050\047
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\304\135\016\110\266\254\050\060\116\012\274\371\070\026\207\127
```



```

END
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\155\214\024\106\261\246\012\356
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Premium ECC"
#
# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Serial Number:74:97:25:8a:c7:3f:7a:54
# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:20:24 2010
# Not Valid After : Mon Dec 31 14:20:24 2040
# Fingerprint (MD5): 64:B0:09:55:CF:B1:D5:99:E2:BE:13:AB:A6:5D:EA:4D
# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL

```

\002\010\164\227\045\212\307\077\172\124

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\001\376\060\202\001\205\240\003\002\001\002\002\010\164  
\227\045\212\307\077\172\124\060\012\006\010\052\206\110\316\075  
\004\003\003\060\105\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\024\060\022\006\003\125\004\012\014\013\101\146\146  
\151\162\155\124\162\165\163\164\061\040\060\036\006\003\125\004  
\003\014\027\101\146\146\151\162\155\124\162\165\163\164\040\120  
\162\145\155\151\165\155\040\105\103\103\060\036\027\015\061\060  
\060\061\062\071\061\064\062\060\062\064\132\027\015\064\060\061  
\062\063\061\061\064\062\060\062\064\132\060\105\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125  
\004\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061  
\040\060\036\006\003\125\004\003\014\027\101\146\146\151\162\155  
\124\162\165\163\164\040\120\162\145\155\151\165\155\040\105\103  
\103\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\015\060\136\033\025\235\003  
\320\241\171\065\267\072\074\222\172\312\025\034\315\142\363\234  
\046\134\007\075\345\124\372\243\326\314\022\352\364\024\137\350  
\216\031\253\057\056\110\346\254\030\103\170\254\320\067\303\275  
\262\315\054\346\107\342\032\346\143\270\075\056\057\170\304\117  
\333\364\017\244\150\114\125\162\153\225\035\116\030\102\225\170  
\314\067\074\221\342\233\145\053\051\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\232\257\051\172\300\021\065\065  
\046\121\060\000\303\152\376\100\325\256\326\074\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\012\006  
\010\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060  
\027\011\363\207\210\120\132\257\310\300\102\277\107\137\365\154  
\152\206\340\304\047\164\344\070\123\327\005\177\033\064\343\306  
\057\263\312\011\074\067\235\327\347\270\106\361\375\241\342\161  
\002\060\102\131\207\103\324\121\337\272\323\011\062\132\316\210  
\176\127\075\234\137\102\153\365\007\055\265\360\202\223\371\131  
\157\256\144\372\130\345\213\036\343\143\276\265\201\315\157\002  
\214\171

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "AffirmTrust Premium ECC"

# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

# Serial Number:74:97:25:8a:c7:3f:7a:54

# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:20:24 2010

# Not Valid After : Mon Dec 31 14:20:24 2040

# Fingerprint (MD5): 64:B0:09:55:CF:B1:D5:99:E2:BE:13:AB:A6:5D:EA:4D

```

# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\043\153\000\057\035\026\206\123\001\125\154\021\244\067\312
\353\377\303\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\144\260\011\125\317\261\325\231\342\276\023\253\246\135\352\115
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\164\227\045\212\307\077\172\124
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certum Trusted Network CA"
#
# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Serial Number: 279744 (0x444c0)
# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Not Valid Before: Wed Oct 22 12:07:37 2008
# Not Valid After : Mon Dec 31 12:07:37 2029
# Fingerprint (MD5): D5:E9:81:40:C5:18:69:FC:46:2C:89:75:62:0F:AA:78
# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061

```

\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164  
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123  
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145  
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040  
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162  
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101  
END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164  
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123  
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145  
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040  
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162  
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\003\004\104\300

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\273\060\202\002\243\240\003\002\001\002\002\003\004  
\104\300\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060  
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\060\036\027\015\060\070\061\060\062\062\061\062\060\067\063  
\067\132\027\015\062\071\061\062\063\061\061\062\060\067\063\067  
\132\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060  
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\343\373\175\243\162\272\302\360\311\024\207\365\153\001  
\116\341\156\100\007\272\155\047\135\177\367\133\055\263\132\307  
\121\137\253\244\062\246\141\207\266\156\017\206\322\060\002\227

\370\327\151\127\241\030\071\135\152\144\171\306\001\131\254\074  
\061\112\070\174\322\004\322\113\050\350\040\137\073\007\242\314  
\115\163\333\363\256\117\307\126\325\132\247\226\211\372\363\253  
\150\324\043\206\131\047\317\011\047\274\254\156\162\203\034\060  
\162\337\340\242\351\322\341\164\165\031\275\052\236\173\025\124  
\004\033\327\103\071\255\125\050\305\342\032\273\364\300\344\256  
\070\111\063\314\166\205\237\071\105\322\244\236\362\022\214\121  
\370\174\344\055\177\365\254\137\353\026\237\261\055\321\272\314  
\221\102\167\114\045\311\220\070\157\333\360\314\373\216\036\227  
\131\076\325\140\116\346\005\050\355\111\171\023\113\272\110\333  
\057\371\162\323\071\312\376\037\330\064\162\365\264\100\317\061  
\001\303\354\336\021\055\027\135\037\270\120\321\136\031\247\151  
\336\007\063\050\312\120\225\371\247\124\313\124\206\120\105\251  
\371\111\002\003\001\000\001\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\010\166\315\313\007\377\044\366\305  
\315\355\273\220\274\342\204\067\106\165\367\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\246  
\250\255\042\316\001\075\246\243\377\142\320\110\235\213\136\162  
\260\170\104\343\334\034\257\011\375\043\110\372\275\052\304\271  
\125\004\265\020\243\215\047\336\013\202\143\320\356\336\014\067  
\171\101\133\042\262\260\232\101\134\246\160\340\324\320\167\313  
\043\323\000\340\154\126\057\341\151\015\015\331\252\277\041\201  
\120\331\006\245\250\377\225\067\320\252\376\342\263\365\231\055  
\105\204\212\345\102\011\327\164\002\057\367\211\330\231\351\274  
\047\324\107\215\272\015\106\034\167\317\024\244\034\271\244\061  
\304\234\050\164\003\064\377\063\031\046\245\351\015\164\267\076  
\227\306\166\350\047\226\243\146\335\341\256\362\101\133\312\230  
\126\203\163\160\344\206\032\322\061\101\272\057\276\055\023\132  
\166\157\116\350\116\201\016\077\133\003\042\240\022\276\146\130  
\021\112\313\003\304\264\052\052\055\226\027\340\071\124\274\110  
\323\166\047\235\232\055\006\246\311\354\071\322\253\333\237\232  
\013\047\002\065\051\261\100\225\347\371\350\234\125\210\031\106  
\326\267\064\365\176\316\071\232\331\070\361\121\367\117\054

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Certum Trusted Network CA"  
# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL  
# Serial Number: 279744 (0x444c0)  
# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL  
# Not Valid Before: Wed Oct 22 12:07:37 2008  
# Not Valid After : Mon Dec 31 12:07:37 2029

```

# Fingerprint (MD5): D5:E9:81:40:C5:18:69:FC:46:2C:89:75:62:0F:AA:78
# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\007\340\062\340\040\267\054\077\031\057\006\050\242\131\072\031
\247\017\006\236
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\325\351\201\100\305\030\151\374\106\054\211\165\142\017\252\170
END
CKA_ISSUER MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\004\104\300
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TWCA Root Certification Authority"
#
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 1 (0x1)
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid Before: Thu Aug 28 07:24:33 2008
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (MD5): AA:08:8F:F6:F9:7B:B7:F2:B1:A7:1E:9B:EA:EA:BD:79
# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\173\060\202\002\143\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061\022  
\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116\055  
\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157\157  
\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041\124  
\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\036\027\015\060\070\060\070\062\070\060\067\062\064\063\063  
\132\027\015\063\060\061\062\063\061\061\065\065\071\065\071\132  
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\260\176\162\270\244\003\224\346\247\336\011\070\221\112  
\021\100\207\247\174\131\144\024\173\265\021\020\335\376\277\325  
\300\273\126\342\205\045\364\065\162\017\370\123\320\101\341\104  
\001\302\264\034\303\061\102\026\107\205\063\042\166\262\012\157  
\017\345\045\120\117\205\206\276\277\230\056\020\147\036\276\021  
\005\206\005\220\304\131\320\174\170\020\260\200\134\267\341\307  
\053\165\313\174\237\256\265\321\235\043\067\143\247\334\102\242

\055\222\004\033\120\301\173\270\076\033\311\126\004\213\057\122  
\233\255\251\126\351\301\377\255\251\130\207\060\266\201\367\227  
\105\374\031\127\073\053\157\344\107\364\231\105\376\035\361\370  
\227\243\210\035\067\034\134\217\340\166\045\232\120\370\240\124  
\377\104\220\166\043\322\062\306\303\253\006\277\374\373\277\363  
\255\175\222\142\002\133\051\323\065\243\223\232\103\144\140\135  
\262\372\062\377\073\004\257\115\100\152\371\307\343\357\043\375  
\153\313\345\017\213\070\015\356\012\374\376\017\230\237\060\061  
\335\154\122\145\371\213\201\276\042\341\034\130\003\272\221\033  
\211\007\002\003\001\000\001\243\102\060\100\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\152\070\133\046\215\336\213\132\362  
\117\172\124\203\031\030\343\010\065\246\272\060\015\006\011\052  
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\074  
\325\167\075\332\337\211\272\207\014\010\124\152\040\120\222\276  
\260\101\075\271\046\144\203\012\057\350\100\300\227\050\047\202  
\060\112\311\223\377\152\347\246\000\177\211\102\232\326\021\345  
\123\316\057\314\362\332\005\304\376\342\120\304\072\206\175\314  
\332\176\020\011\073\222\065\052\123\262\376\353\053\005\331\154  
\135\346\320\357\323\152\146\236\025\050\205\172\350\202\000\254  
\036\247\011\151\126\102\323\150\121\030\276\124\232\277\104\101  
\272\111\276\040\272\151\134\356\270\167\315\316\154\037\255\203  
\226\030\175\016\265\024\071\204\361\050\351\055\243\236\173\036  
\172\162\132\203\263\171\157\357\264\374\320\012\245\130\117\106  
\337\373\155\171\131\362\204\042\122\256\017\314\373\174\073\347  
\152\312\107\141\303\172\370\323\222\004\037\270\040\204\341\066  
\124\026\307\100\336\073\212\163\334\337\306\011\114\337\354\332  
\377\324\123\102\241\311\362\142\035\042\203\074\227\305\371\031  
\142\047\254\145\042\327\323\074\306\345\216\262\123\314\111\316  
\274\060\376\173\016\063\220\373\355\322\024\221\037\007\257

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "TWCA Root Certification Authority"  
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW  
# Serial Number: 1 (0x1)  
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW  
# Not Valid Before: Thu Aug 28 07:24:33 2008  
# Not Valid After : Tue Dec 31 15:59:59 2030  
# Fingerprint (MD5): AA:08:8F:F6:F9:7B:B7:F2:B1:A7:1E:9B:EA:EA:BD:79  
# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE



```

CKA_LABEL UTF8 "TWCA Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\317\236\207\155\323\353\374\102\046\227\243\265\243\172\240\166
\251\006\043\110
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\010\217\366\371\173\267\362\261\247\036\233\352\275\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Explicitly Distrust DigiNotar Root CA"
#
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025
# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E
# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156

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\154
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\212\060\202\003\162\240\003\002\001\002\002\020\017
\377\377\377\377\377\377\377\377\377\377\377\377\377\377\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\137
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060
\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141
\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147\151
\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040\060
\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151\156
\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154\060
\036\027\015\060\067\060\067\062\067\061\067\061\071\063\067\132
\027\015\062\065\060\063\063\061\061\070\061\071\062\062\132\060
\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022
\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164
\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147
\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040
\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151
\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\254\260\130\301\000\275\330\041\010\013\053\232\376\156\126
\060\005\237\033\167\220\020\101\134\303\015\207\021\167\216\201
\361\312\174\351\214\152\355\070\164\065\273\332\337\371\273\300
\011\067\264\226\163\201\175\063\032\230\071\367\223\157\225\177
\075\271\261\165\207\272\121\110\350\213\160\076\225\004\305\330
\266\303\026\331\210\260\261\207\035\160\332\206\264\017\024\213
\172\317\020\321\164\066\242\022\173\167\206\112\171\346\173\337
\002\021\150\245\116\206\256\064\130\233\044\023\170\126\042\045
\036\001\213\113\121\161\373\202\314\131\226\151\210\132\150\123
\305\271\015\002\067\313\113\274\146\112\220\176\052\013\005\007
\355\026\137\125\220\165\330\106\311\033\203\342\010\276\361\043
\314\231\035\326\052\017\203\040\025\130\047\202\056\372\342\042
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\302\111\261\271\001\201\152\235\155\235\100\167\150\166\116\041  
\052\155\204\100\205\116\166\231\174\202\363\363\267\002\131\324  
\046\001\033\216\337\255\123\006\321\256\030\335\342\262\072\313  
\327\210\070\216\254\133\051\271\031\323\230\371\030\003\317\110  
\202\206\146\013\033\151\017\311\353\070\210\172\046\032\005\114  
\222\327\044\324\226\362\254\122\055\243\107\325\122\366\077\376  
\316\204\006\160\246\252\076\242\362\266\126\064\030\127\242\344  
\201\155\347\312\360\152\323\307\221\153\002\203\101\174\025\357  
\153\232\144\136\343\320\074\345\261\353\173\135\206\373\313\346  
\167\111\315\243\145\334\367\271\234\270\344\013\137\223\317\314  
\060\032\062\034\316\034\143\225\245\371\352\341\164\213\236\351  
\053\251\060\173\240\030\037\016\030\013\345\133\251\323\321\154  
\036\007\147\217\221\113\251\212\274\322\146\252\223\001\210\262  
\221\372\061\134\325\246\301\122\010\011\315\012\143\242\323\042  
\246\350\241\331\071\006\227\365\156\215\002\220\214\024\173\077  
\200\315\033\234\272\304\130\162\043\257\266\126\237\306\172\102  
\063\051\007\077\202\311\346\037\005\015\315\114\050\066\213\323  
\310\076\034\306\210\357\136\356\211\144\351\035\353\332\211\176  
\062\246\151\321\335\314\210\237\321\320\311\146\041\334\006\147  
\305\224\172\232\155\142\114\175\314\340\144\200\262\236\107\216  
\243\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125  
\035\016\004\026\004\024\210\150\277\340\216\065\304\073\070\153  
\142\367\050\073\204\201\310\014\327\115\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\073\002  
\215\313\074\060\350\156\240\255\362\163\263\137\236\045\023\004  
\005\323\366\343\213\273\013\171\316\123\336\344\226\305\321\257  
\163\274\325\303\320\100\125\174\100\177\315\033\137\011\325\362  
\174\237\150\035\273\135\316\172\071\302\214\326\230\173\305\203  
\125\250\325\175\100\312\340\036\367\211\136\143\135\241\023\302  
\135\212\266\212\174\000\363\043\303\355\205\137\161\166\360\150  
\143\252\105\041\071\110\141\170\066\334\361\103\223\324\045\307  
\362\200\145\341\123\002\165\121\374\172\072\357\067\253\204\050  
\127\014\330\324\324\231\126\154\343\242\376\131\204\264\061\350  
\063\370\144\224\224\121\227\253\071\305\113\355\332\335\200\013  
\157\174\051\015\304\216\212\162\015\347\123\024\262\140\101\075  
\204\221\061\150\075\047\104\333\345\336\364\372\143\105\310\114  
\076\230\365\077\101\272\116\313\067\015\272\146\230\361\335\313  
\237\134\367\124\066\202\153\054\274\023\141\227\102\370\170\273  
\314\310\242\237\312\360\150\275\153\035\262\337\215\157\007\235  
\332\216\147\307\107\036\312\271\277\052\102\221\267\143\123\146  
\361\102\243\341\364\132\115\130\153\265\344\244\063\255\134\160  
\035\334\340\362\353\163\024\221\232\003\301\352\000\145\274\007  
\374\317\022\021\042\054\256\240\275\072\340\242\052\330\131\351  
\051\323\030\065\244\254\021\137\031\265\265\033\377\042\112\134  
\306\172\344\027\357\040\251\247\364\077\255\212\247\232\004\045  
\235\016\312\067\346\120\375\214\102\051\004\232\354\271\317\113

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\162\275\342\010\066\257\043\057\142\345\312\001\323\160\333\174
\202\043\054\026\061\014\306\066\007\220\172\261\037\147\130\304
\073\130\131\211\260\214\214\120\263\330\206\313\150\243\304\012
\347\151\113\040\316\301\036\126\113\225\251\043\150\330\060\330
\303\353\260\125\121\315\345\375\053\270\365\273\021\237\123\124
\366\064\031\214\171\011\066\312\141\027\045\027\013\202\230\163
\014\167\164\303\325\015\307\250\022\114\307\247\124\161\107\056
\054\032\175\311\343\053\073\110\336\047\204\247\143\066\263\175
\217\240\144\071\044\015\075\173\207\257\146\134\164\033\113\163
\262\345\214\360\206\231\270\345\305\337\204\301\267\353
END
```

```
# Trust for Certificate "Explicitly Distrust DigiNotar Root CA"
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025
# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E
# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\301\167\313\113\340\264\046\216\365\307\317\105\231\042\271\260
\316\272\041\057
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\012\244\325\314\272\264\373\243\131\343\346\001\335\123\331\116
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"

#

# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Serial Number: 268435455 (0xffffffff)

# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Not Valid Before: Wed May 12 08:51:39 2010

# Not Valid After : Mon Mar 23 09:50:05 2020

# Fingerprint (MD5): 2E:61:A2:D1:78:CE:EE:BF:59:33:B0:23:14:0F:94:1C

# Fingerprint (SHA1): D5:F2:57:A9:BF:2D:D0:3F:8B:46:57:F9:2B:C9:A4:C6:92:E1:42:42

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157  
\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004  
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111  
\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141  
\156\151\163\141\164\151\145\040\055\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157  
\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004  
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111  
\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141  
\156\151\163\141\164\151\145\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\017\377\377\377

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\225\060\202\004\175\240\003\002\001\002\002\004\017  
\377\377\377\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\116  
\114\061\027\060\025\006\003\125\004\012\014\016\104\151\147\151  
\116\157\164\141\162\040\102\056\126\056\061\062\060\060\006\003  
\125\004\003\014\051\104\151\147\151\116\157\164\141\162\040\120  
\113\111\157\166\145\162\150\145\151\144\040\103\101\040\117\162  
\147\141\156\151\163\141\164\151\145\040\055\040\107\062\060\036  
\027\015\061\060\060\065\061\062\060\070\065\061\063\071\132\027

\015\062\060\060\063\062\063\060\071\065\060\060\065\132\060\132  
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\027\060  
\025\006\003\125\004\012\014\016\104\151\147\151\116\157\164\141  
\162\040\102\056\126\056\061\062\060\060\006\003\125\004\003\014  
\051\104\151\147\151\116\157\164\141\162\040\120\113\111\157\166  
\145\162\150\145\151\144\040\103\101\040\117\162\147\141\156\151  
\163\141\164\151\145\040\055\040\107\062\060\202\002\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002  
\017\000\060\202\002\012\002\202\002\001\000\261\023\031\017\047  
\346\154\324\125\206\113\320\354\211\212\105\221\170\254\107\275  
\107\053\344\374\105\353\117\264\046\163\133\067\323\303\177\366  
\343\336\327\243\370\055\150\305\010\076\113\224\326\344\207\045  
\066\153\204\265\030\164\363\050\130\163\057\233\152\317\274\004  
\036\366\336\335\257\374\113\252\365\333\146\142\045\001\045\202  
\336\362\227\132\020\156\335\135\251\042\261\004\251\043\163\072  
\370\161\255\035\317\204\104\353\107\321\257\155\310\174\050\253  
\307\362\067\172\164\137\137\305\002\024\212\243\132\343\033\154  
\001\343\135\216\331\150\326\364\011\033\062\334\221\265\054\365  
\040\353\214\003\155\046\111\270\223\304\205\135\330\322\233\257  
\126\152\314\005\063\314\240\102\236\064\125\104\234\153\240\324  
\022\320\053\124\315\267\211\015\345\366\353\350\373\205\001\063  
\117\172\153\361\235\162\063\226\016\367\262\204\245\245\047\304  
\047\361\121\163\051\167\272\147\156\376\114\334\264\342\241\241  
\201\057\071\111\215\103\070\023\316\320\245\134\302\207\072\000  
\147\145\102\043\361\066\131\012\035\243\121\310\274\243\224\052  
\061\337\343\074\362\235\032\074\004\260\357\261\012\060\023\163  
\266\327\363\243\114\001\165\024\205\170\300\327\212\071\130\205  
\120\372\056\346\305\276\317\213\077\257\217\066\324\045\011\055  
\322\017\254\162\223\362\277\213\324\120\263\371\025\120\233\231  
\365\024\331\373\213\221\243\062\046\046\240\370\337\073\140\201  
\206\203\171\133\053\353\023\075\051\072\301\155\335\275\236\216  
\207\326\112\256\064\227\005\356\024\246\366\334\070\176\112\351  
\044\124\007\075\227\150\067\106\153\015\307\250\041\257\023\124  
\344\011\152\361\115\106\012\311\135\373\233\117\275\336\373\267  
\124\313\270\070\234\247\071\373\152\055\300\173\215\253\245\247  
\127\354\112\222\212\063\305\341\040\134\163\330\220\222\053\200  
\325\017\206\030\151\174\071\117\204\206\274\367\114\133\363\325  
\264\312\240\302\360\067\042\312\171\122\037\123\346\252\363\220  
\260\073\335\362\050\375\254\353\305\006\044\240\311\324\057\017  
\130\375\265\236\354\017\317\262\131\320\242\004\172\070\152\256  
\162\373\275\360\045\142\224\011\247\005\013\002\003\001\000\001  
\243\202\001\141\060\202\001\135\060\110\006\003\125\035\040\004  
\101\060\077\060\075\006\004\125\035\040\000\060\065\060\063\006  
\010\053\006\001\005\005\007\002\001\026\047\150\164\164\160\072  
\057\057\167\167\167\056\144\151\147\151\156\157\164\141\162\056  
\156\154\057\143\160\163\057\160\153\151\157\166\145\162\150\145  
\151\144\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003

\002\001\006\060\201\205\006\003\125\035\043\004\176\060\174\200  
\024\071\020\213\111\222\134\333\141\022\040\315\111\235\032\216  
\332\234\147\100\271\241\136\244\134\060\132\061\013\060\011\006  
\003\125\004\006\023\002\116\114\061\036\060\034\006\003\125\004  
\012\014\025\123\164\141\141\164\040\144\145\162\040\116\145\144  
\145\162\154\141\156\144\145\156\061\053\060\051\006\003\125\004  
\003\014\042\123\164\141\141\164\040\144\145\162\040\116\145\144  
\145\162\154\141\156\144\145\156\040\122\157\157\164\040\103\101  
\040\055\040\107\062\202\004\000\230\226\364\060\111\006\003\125  
\035\037\004\102\060\100\060\076\240\074\240\072\206\070\150\164  
\164\160\072\057\057\143\162\154\056\160\153\151\157\166\145\162  
\150\145\151\144\056\156\154\057\104\157\155\117\162\147\141\156  
\151\163\141\164\151\145\114\141\164\145\163\164\103\122\114\055  
\107\062\056\143\162\154\060\035\006\003\125\035\016\004\026\004  
\024\274\135\224\073\331\253\173\003\045\163\141\302\333\055\356  
\374\253\217\145\241\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\002\001\000\217\374\055\114\267\331\055  
\325\037\275\357\313\364\267\150\027\165\235\116\325\367\335\234  
\361\052\046\355\237\242\266\034\003\325\123\263\354\010\317\064  
\342\343\303\364\265\026\057\310\303\276\327\323\163\253\000\066  
\371\032\112\176\326\143\351\136\106\272\245\266\216\025\267\243  
\052\330\103\035\357\135\310\037\201\205\263\213\367\377\074\364  
\331\364\106\010\077\234\274\035\240\331\250\114\315\045\122\116  
\012\261\040\367\037\351\103\331\124\106\201\023\232\300\136\164  
\154\052\230\062\352\374\167\273\015\245\242\061\230\042\176\174  
\174\347\332\244\255\354\267\056\032\031\161\370\110\120\332\103  
\217\054\204\335\301\100\047\343\265\360\025\116\226\324\370\134  
\343\206\051\106\053\327\073\007\353\070\177\310\206\127\227\323  
\357\052\063\304\027\120\325\144\151\153\053\153\105\136\135\057  
\027\312\132\116\317\303\327\071\074\365\073\237\106\271\233\347  
\016\111\227\235\326\325\343\033\017\352\217\001\116\232\023\224  
\131\012\002\007\110\113\032\140\253\177\117\355\013\330\125\015  
\150\157\125\234\151\145\025\102\354\300\334\335\154\254\303\026  
\316\013\035\126\233\244\304\304\322\056\340\017\342\104\047\053  
\120\151\244\334\142\350\212\041\051\102\154\314\000\072\226\166  
\233\357\100\300\244\136\167\204\062\154\046\052\071\146\256\135  
\343\271\271\262\054\150\037\036\232\220\003\071\360\252\263\244  
\314\111\213\030\064\351\067\311\173\051\307\204\174\157\104\025  
\057\354\141\131\004\311\105\313\242\326\122\242\174\177\051\222  
\326\112\305\213\102\250\324\376\352\330\307\207\043\030\344\235  
\172\175\163\100\122\230\240\256\156\343\005\077\005\017\340\245  
\306\155\115\355\203\067\210\234\307\363\334\102\232\152\266\327  
\041\111\066\167\362\357\030\117\305\160\331\236\351\336\267\053  
\213\364\274\176\050\337\015\100\311\205\134\256\235\305\061\377  
\320\134\016\265\250\176\360\351\057\272\257\210\256\345\265\321  
\130\245\257\234\161\247\051\001\220\203\151\067\202\005\272\374  
\011\301\010\156\214\170\073\303\063\002\200\077\104\205\010\035  
\337\125\126\010\255\054\205\055\135\261\003\341\256\252\164\305

\244\363\116\272\067\230\173\202\271

END

# Trust for Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"

# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Serial Number: 268435455 (0xffffffff)

# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Not Valid Before: Wed May 12 08:51:39 2010

# Not Valid After : Mon Mar 23 09:50:05 2020

# Fingerprint (MD5): 2E:61:A2:D1:78:CE:EE:BF:59:33:B0:23:14:0F:94:1C

# Fingerprint (SHA1): D5:F2:57:A9:BF:2D:D0:3F:8B:46:57:F9:2B:C9:A4:C6:92:E1:42:42

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\325\362\127\251\277\055\320\077\213\106\127\371\053\311\244\306

\222\341\102\102

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\056\141\242\321\170\316\356\277\131\063\260\043\024\017\224\034

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061

\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157

\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004

\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111

\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141

\156\151\163\141\164\151\145\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\017\377\377\377

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Security Communication RootCA2"

#

# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP

# Serial Number: 0 (0x0)

# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP

# Not Valid Before: Fri May 29 05:00:39 2009

# Not Valid After : Tue May 29 05:00:39 2029

# Fingerprint (MD5): 6C:39:7D:A4:0E:55:59:B2:3F:D6:41:B1:12:50:DE:43



# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045
\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124
\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056
\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036
\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151
\143\141\164\151\157\156\040\122\157\157\164\103\101\062\060\036
\027\015\060\071\060\065\062\071\060\065\060\060\063\071\132\027
\015\062\071\060\065\062\071\060\065\060\060\063\071\132\060\135
\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045\060
\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124\162
\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056\054
\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036\123
\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151\143
\141\164\151\157\156\040\122\157\157\164\103\101\062\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\320\025
\071\122\261\122\263\272\305\131\202\304\135\122\256\072\103\145
\200\113\307\362\226\274\333\066\227\326\246\144\214\250\136\360
```

\343\012\034\367\337\227\075\113\256\366\135\354\041\265\101\253  
\315\271\176\166\237\276\371\076\066\064\240\073\301\366\061\021  
\105\164\223\075\127\200\305\371\211\231\312\345\253\152\324\265  
\332\101\220\020\301\326\326\102\211\302\277\364\070\022\225\114  
\124\005\367\066\344\105\203\173\024\145\326\334\014\115\321\336  
\176\014\253\073\304\025\276\072\126\246\132\157\166\151\122\251  
\172\271\310\353\152\232\135\122\320\055\012\153\065\026\011\020  
\204\320\152\312\072\006\000\067\107\344\176\127\117\077\213\353  
\147\270\210\252\305\276\123\125\262\221\304\175\271\260\205\031  
\006\170\056\333\141\032\372\205\365\112\221\241\347\026\325\216  
\242\071\337\224\270\160\037\050\077\213\374\100\136\143\203\074  
\203\052\032\231\153\317\336\131\152\073\374\157\026\327\037\375  
\112\020\353\116\202\026\072\254\047\014\123\361\255\325\044\260  
\153\003\120\301\055\074\026\335\104\064\047\032\165\373\002\003  
\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026  
\004\024\012\205\251\167\145\005\230\174\100\201\370\017\227\054  
\070\361\012\354\074\317\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\001\001\000\114\072\243\104\254  
\271\105\261\307\223\176\310\013\012\102\337\144\352\034\356\131  
\154\010\272\211\137\152\312\112\225\236\172\217\007\305\332\105  
\162\202\161\016\072\322\314\157\247\264\241\043\273\366\044\237  
\313\027\376\214\246\316\302\322\333\314\215\374\161\374\003\051  
\301\154\135\063\137\144\266\145\073\211\157\030\166\170\365\334  
\242\110\037\031\077\216\223\353\361\372\027\356\315\116\343\004  
\022\125\326\345\344\335\373\076\005\174\342\035\136\306\247\274  
\227\117\150\072\365\351\056\012\103\266\257\127\134\142\150\174  
\267\375\243\212\204\240\254\142\276\053\011\207\064\360\152\001  
\273\233\051\126\074\376\000\067\317\043\154\361\116\252\266\164  
\106\022\154\221\356\064\325\354\232\221\347\104\276\220\061\162  
\325\111\002\366\002\345\364\037\353\174\331\226\125\251\377\354  
\212\371\231\107\377\065\132\002\252\004\313\212\133\207\161\051  
\221\275\244\264\172\015\275\232\365\127\043\000\007\041\027\077  
\112\071\321\005\111\013\247\266\067\201\245\135\214\252\063\136  
\201\050\174\247\175\047\353\000\256\215\067

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Security Communication RootCA2"  
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP  
# Serial Number: 0 (0x0)  
# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP  
# Not Valid Before: Fri May 29 05:00:39 2009  
# Not Valid After : Tue May 29 05:00:39 2029  
# Fingerprint (MD5): 6C:39:7D:A4:0E:55:59:B2:3F:D6:41:B1:12:50:DE:43

```

# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\073\214\362\370\020\263\175\170\264\316\354\031\031\303\163
\064\271\307\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\154\071\175\244\016\125\131\262\077\326\101\261\022\120\336\103
END
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "EC-ACC"
#
# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu https://www.catcert.net/verarrel
(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu
https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF
Q-0801176-I),C=ES
# Not Valid Before: Tue Jan 07 23:00:00 2003
# Not Valid After : Tue Jan 07 22:59:59 2031
# Fingerprint (MD5): EB:F5:9D:29:0D:61:F9:42:1F:7C:C2:BA:6D:E3:15:09
# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EC-ACC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123  
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143  
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106  
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060  
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040  
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151  
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013  
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057  
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057  
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065  
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165  
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141  
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006  
\105\103\055\101\103\103

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123  
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143  
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106  
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060  
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040  
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151  
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013  
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057  
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057  
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065  
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165  
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141  
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006  
\105\103\055\101\103\103

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\356\053\075\353\324\041\336\024\250\142\254\004\363\335  
\304\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\126\060\202\004\076\240\003\002\001\002\002\020\356  
\053\075\353\324\041\336\024\250\142\254\004\363\335\304\001\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\363\061\013\060\011\006\003\125\004\006\023\002\105\123\061\073  
\060\071\006\003\125\004\012\023\062\101\147\145\156\143\151\141  
\040\103\141\164\141\154\141\156\141\040\144\145\040\103\145\162

\164\151\146\151\143\141\143\151\157\040\050\116\111\106\040\121  
\055\060\070\060\061\061\067\066\055\111\051\061\050\060\046\006  
\003\125\004\013\023\037\123\145\162\166\145\151\163\040\120\165  
\142\154\151\143\163\040\144\145\040\103\145\162\164\151\146\151  
\143\141\143\151\157\061\065\060\063\006\003\125\004\013\023\054  
\126\145\147\145\165\040\150\164\164\160\163\072\057\057\167\167  
\167\056\143\141\164\143\145\162\164\056\156\145\164\057\166\145  
\162\141\162\162\145\154\040\050\143\051\060\063\061\065\060\063  
\006\003\125\004\013\023\054\112\145\162\141\162\161\165\151\141  
\040\105\156\164\151\164\141\164\163\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\040\103\141\164\141\154\141  
\156\145\163\061\017\060\015\006\003\125\004\003\023\006\105\103  
\055\101\103\103\060\036\027\015\060\063\060\061\060\067\062\063  
\060\060\060\060\132\027\015\063\061\060\061\060\067\062\062\065  
\071\065\071\132\060\201\363\061\013\060\011\006\003\125\004\006  
\023\002\105\123\061\073\060\071\006\003\125\004\012\023\062\101  
\147\145\156\143\151\141\040\103\141\164\141\154\141\156\141\040  
\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157\040  
\050\116\111\106\040\121\055\060\070\060\061\061\067\066\055\111  
\051\061\050\060\046\006\003\125\004\013\023\037\123\145\162\166  
\145\151\163\040\120\165\142\154\151\143\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\061\065\060\063\006  
\003\125\004\013\023\054\126\145\147\145\165\040\150\164\164\160  
\163\072\057\057\167\167\167\056\143\141\164\143\145\162\164\056  
\156\145\164\057\166\145\162\141\162\162\145\154\040\050\143\051  
\060\063\061\065\060\063\006\003\125\004\013\023\054\112\145\162  
\141\162\161\165\151\141\040\105\156\164\151\164\141\164\163\040  
\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157\040  
\103\141\164\141\154\141\156\145\163\061\017\060\015\006\003\125  
\004\003\023\006\105\103\055\101\103\103\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\263\042\307\117\342  
\227\102\225\210\107\203\100\366\035\027\363\203\163\044\036\121  
\363\230\212\303\222\270\377\100\220\005\160\207\140\311\000\251  
\265\224\145\031\042\025\027\302\103\154\146\104\232\015\004\076  
\071\157\245\113\172\252\143\267\212\104\235\331\143\221\204\146  
\340\050\017\272\102\343\156\216\367\024\047\223\151\356\221\016  
\243\137\016\261\353\146\242\162\117\022\023\206\145\172\076\333  
\117\007\364\247\011\140\332\072\102\231\307\262\177\263\026\225  
\034\307\371\064\265\224\205\325\231\136\240\110\240\176\347\027  
\145\270\242\165\270\036\363\345\102\175\257\355\363\212\110\144  
\135\202\024\223\330\300\344\377\263\120\162\362\166\366\263\135  
\102\120\171\320\224\076\153\014\000\276\330\153\016\116\052\354  
\076\322\314\202\242\030\145\063\023\167\236\232\135\032\023\330  
\303\333\075\310\227\172\356\160\355\247\346\174\333\161\317\055  
\224\142\337\155\326\365\070\276\077\245\205\012\031\270\250\330  
\011\165\102\160\304\352\357\313\016\310\064\250\022\042\230\014  
\270\023\224\266\113\354\360\320\220\347\047\002\003\001\000\001

\243\201\343\060\201\340\060\035\006\003\125\035\021\004\026\060  
\024\201\022\145\143\137\141\143\143\100\143\141\164\143\145\162  
\164\056\156\145\164\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\240\303\213\104\252\067\245\105\277\227\200\132\321\361\170  
\242\233\351\135\215\060\177\006\003\125\035\040\004\170\060\166  
\060\164\006\013\053\006\001\004\001\365\170\001\003\001\012\060  
\145\060\054\006\010\053\006\001\005\005\007\002\001\026\040\150  
\164\164\160\163\072\057\057\167\167\167\056\143\141\164\143\145  
\162\164\056\156\145\164\057\166\145\162\141\162\162\145\154\060  
\065\006\010\053\006\001\005\005\007\002\002\060\051\032\047\126  
\145\147\145\165\040\150\164\164\160\163\072\057\057\167\167\167  
\056\143\141\164\143\145\162\164\056\156\145\164\057\166\145\162  
\141\162\162\145\154\040\060\015\006\011\052\206\110\206\367\015  
\001\001\005\005\000\003\202\001\001\000\240\110\133\202\001\366  
\115\110\270\071\125\065\234\200\172\123\231\325\132\377\261\161  
\073\314\071\011\224\136\326\332\357\276\001\133\135\323\036\330  
\375\175\117\315\240\101\340\064\223\277\313\342\206\234\067\222  
\220\126\034\334\353\051\005\345\304\236\307\065\337\212\014\315  
\305\041\103\351\252\210\345\065\300\031\102\143\132\002\136\244  
\110\030\072\205\157\334\235\274\077\235\234\301\207\270\172\141  
\010\351\167\013\177\160\253\172\335\331\227\054\144\036\205\277  
\274\164\226\241\303\172\022\354\014\032\156\203\014\074\350\162  
\106\237\373\110\325\136\227\346\261\241\370\344\357\106\045\224  
\234\211\333\151\070\276\354\134\016\126\307\145\121\345\120\210  
\210\277\102\325\053\075\345\371\272\236\056\263\312\364\163\222  
\002\013\276\114\146\353\040\376\271\313\265\231\177\346\266\023  
\372\312\113\115\331\356\123\106\006\073\306\116\255\223\132\201  
\176\154\052\113\152\005\105\214\362\041\244\061\220\207\154\145  
\234\235\245\140\225\072\122\177\365\321\253\010\156\363\356\133  
\371\210\075\176\270\157\156\003\344\102

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

# For Server Distrust After: Sat Dec 28 00:00:00 2019

CKA\_NSS\_SERVER\_DISTRUST\_AFTER MULTILINE\_OCTAL

\061\071\061\062\062\070\060\060\060\060\060\060\132

END

# For Email Distrust After: Wed Aug 31 00:00:00 2022

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER MULTILINE\_OCTAL

\062\062\060\070\063\061\060\060\060\060\060\060\132

END

# Trust for Certificate "EC-ACC"

# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu <https://www.catcert.net/verarrel>  
(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES

# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01

# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu

https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES

# Not Valid Before: Tue Jan 07 23:00:00 2003

# Not Valid After : Tue Jan 07 22:59:59 2031

# Fingerprint (MD5): EB:F5:9D:29:0D:61:F9:42:1F:7C:C2:BA:6D:E3:15:09

# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "EC-ACC"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\050\220\072\143\133\122\200\372\346\167\114\013\155\247\326\272  
\246\112\362\350

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\353\365\235\051\015\141\371\102\037\174\302\272\155\343\025\011

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123  
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143  
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106  
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060  
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040  
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151  
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013  
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057  
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057  
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065  
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165  
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141  
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006  
\105\103\055\101\103\103

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\356\053\075\353\324\041\336\024\250\142\254\004\363\335  
\304\001

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Hellenic Academic and Research Institutions RootCA 2011"

#

```

# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
# Not Valid Before: Tue Dec 06 13:49:52 2011
# Not Valid After : Mon Dec 01 13:49:52 2031
# Fingerprint (MD5): 73:9F:4C:4B:73:5B:79:E9:FA:BA:1C:EF:6E:CB:D5:C9
# Fingerprint (SHA1): FE:45:65:9B:79:03:5B:98:A1:61:B5:51:2E:AC:DA:58:09:48:22:4D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\061\060\202\003\031\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145\156

```



\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040  
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165  
\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164\150  
\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023\067  
\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155\151  
\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040\111  
\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157\164  
\103\101\040\062\060\061\061\060\036\027\015\061\061\061\062\060  
\066\061\063\064\071\065\062\132\027\015\063\061\061\062\060\061  
\061\063\064\071\065\062\132\060\201\225\061\013\060\011\006\003  
\125\004\006\023\002\107\122\061\104\060\102\006\003\125\004\012  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\103\145  
\162\164\056\040\101\165\164\150\157\162\151\164\171\061\100\060  
\076\006\003\125\004\003\023\067\110\145\154\154\145\156\151\143  
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145  
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151  
\157\156\163\040\122\157\157\164\103\101\040\062\060\061\061\060  
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000  
\251\123\000\343\056\246\366\216\372\140\330\055\225\076\370\054  
\052\124\116\315\271\204\141\224\130\117\217\075\213\344\103\363  
\165\211\215\121\344\303\067\322\212\210\115\171\036\267\022\335  
\103\170\112\212\222\346\327\110\325\017\244\072\051\104\065\270  
\007\366\150\035\125\315\070\121\360\214\044\061\205\257\203\311  
\175\351\167\257\355\032\173\235\027\371\263\235\070\120\017\246  
\132\171\221\200\257\067\256\246\323\061\373\265\046\011\235\074  
\132\357\121\305\053\337\226\135\353\062\036\002\332\160\111\354  
\156\014\310\232\067\215\367\361\066\140\113\046\054\202\236\320  
\170\363\015\017\143\244\121\060\341\371\053\047\022\007\330\352  
\275\030\142\230\260\131\067\175\276\356\363\040\121\102\132\203  
\357\223\272\151\025\361\142\235\237\231\071\202\241\267\164\056  
\213\324\305\013\173\057\360\310\012\332\075\171\012\232\223\034  
\245\050\162\163\221\103\232\247\321\115\205\204\271\251\164\217  
\024\100\307\334\336\254\101\144\154\264\031\233\002\143\155\044  
\144\217\104\262\045\352\316\135\164\014\143\062\134\215\207\345  
\002\003\001\000\001\243\201\211\060\201\206\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016  
\004\026\004\024\246\221\102\375\023\141\112\043\236\010\244\051  
\345\330\023\004\043\356\101\045\060\107\006\003\125\035\036\004  
\100\060\076\240\074\060\005\202\003\056\147\162\060\005\202\003  
\056\145\165\060\006\202\004\056\145\144\165\060\006\202\004\056  
\157\162\147\060\005\201\003\056\147\162\060\005\201\003\056\145  
\165\060\006\201\004\056\145\144\165\060\006\201\004\056\157\162  
\147\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\037\357\171\101\341\173\156\077\262\214\206

```
\067\102\112\116\034\067\036\215\146\272\044\201\311\117\022\017
\041\300\003\227\206\045\155\135\323\042\051\250\154\242\015\251
\353\075\006\133\231\072\307\314\303\232\064\177\253\016\310\116
\034\341\372\344\334\315\015\276\277\044\376\154\347\153\302\015
\310\006\236\116\215\141\050\246\152\375\345\366\142\352\030\074
\116\240\123\235\262\072\234\353\245\234\221\026\266\115\202\340
\014\005\110\251\154\365\314\370\313\235\111\264\360\002\245\375
\160\003\355\212\041\245\256\023\206\111\303\063\163\276\207\073
\164\213\027\105\046\114\026\221\203\376\147\175\315\115\143\147
\372\363\003\022\226\170\006\215\261\147\355\216\077\276\237\117
\002\365\263\011\057\363\114\207\337\052\313\225\174\001\314\254
\066\172\277\242\163\172\367\217\301\265\232\241\024\262\217\063
\237\015\357\042\334\146\173\204\275\105\027\006\075\074\312\271
\167\064\217\312\352\317\077\061\076\343\210\343\200\111\045\310
\227\265\235\232\231\115\260\074\370\112\000\233\144\335\237\071
\113\321\047\327\270
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Hellenic Academic and Research Institutions RootCA 2011"
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
# Not Valid Before: Tue Dec 06 13:49:52 2011
# Not Valid After : Mon Dec 01 13:49:52 2031
# Fingerprint (MD5): 73:9F:4C:4B:73:5B:79:E9:FA:BA:1C:EF:6E:CB:D5:C9
# Fingerprint (SHA1): FE:45:65:9B:79:03:5B:98:A1:61:B5:51:2E:AC:DA:58:09:48:22:4D
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\376\105\145\233\171\003\133\230\241\141\265\121\056\254\332\130
\011\110\042\115
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\163\237\114\113\163\133\171\351\372\272\034\357\156\313\325\311
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
```

```
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\000
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Explicitly Distrust "MITM subCA 1 issued by Trustwave", Bug 724929

# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US

# Serial Number: 1800000005 (0x6b49d205)

# Not Before: Apr 7 15:37:15 2011 GMT

# Not After : Apr 4 15:37:15 2021 GMT

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "MITM subCA 1 issued by Trustwave"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\253\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\063\060\061\006\003\125\004
\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147
\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156
\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060
\035\006\011\052\206\110\206\367\015\001\011\001\026\020\143\141
\100\164\162\165\163\164\167\141\166\145\056\143\157\155
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\004\153\111\322\005
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Explicitly Distrust "MITM subCA 2 issued by Trustwave", Bug 724929

```

# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number: 1800000006 (0x6b49d206)
# Not Before: Apr 18 21:09:30 2011 GMT
# Not After : Apr 15 21:09:30 2021 GMT
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "MITM subCA 2 issued by Trustwave"
CKA_ISSUER MULTILINE_OCTAL
\060\201\253\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\063\060\061\006\003\125\004
\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147
\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156
\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060
\035\006\011\052\206\110\206\367\015\001\011\001\026\020\143\141
\100\164\162\165\163\164\167\141\166\145\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\153\111\322\006
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Actalis Authentication Root CA"
#
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Serial Number:57:0a:11:97:42:c4:e3:cc
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Not Valid Before: Thu Sep 22 11:22:02 2011
# Not Valid After : Sun Sep 22 11:22:02 2030
# Fingerprint (MD5): 69:C1:0D:4F:07:A3:1B:C3:FE:56:3D:04:BC:11:F6:A6
# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061  
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061  
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151  
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062  
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101  
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143  
\141\164\151\157\156\040\122\157\157\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061  
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061  
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151  
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062  
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101  
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143  
\141\164\151\157\156\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\127\012\021\227\102\304\343\314

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\273\060\202\003\243\240\003\002\001\002\002\010\127  
\012\021\227\102\304\343\314\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\153\061\013\060\011\006\003\125\004  
\006\023\002\111\124\061\016\060\014\006\003\125\004\007\014\005  
\115\151\154\141\156\061\043\060\041\006\003\125\004\012\014\032  
\101\143\164\141\154\151\163\040\123\056\160\056\101\056\057\060  
\063\063\065\070\065\062\060\071\066\067\061\047\060\045\006\003  
\125\004\003\014\036\101\143\164\141\154\151\163\040\101\165\164  
\150\145\156\164\151\143\141\164\151\157\156\040\122\157\157\164  
\040\103\101\060\036\027\015\061\061\060\071\062\062\061\061\062  
\062\060\062\132\027\015\063\060\060\071\062\062\061\061\062\062  
\060\062\132\060\153\061\013\060\011\006\003\125\004\006\023\002  
\111\124\061\016\060\014\006\003\125\004\007\014\005\115\151\154  
\141\156\061\043\060\041\006\003\125\004\012\014\032\101\143\164  
\141\154\151\163\040\123\056\160\056\101\056\057\060\063\063\065  
\070\065\062\060\071\066\067\061\047\060\045\006\003\125\004\003  
\014\036\101\143\164\141\154\151\163\040\101\165\164\150\145\156  
\164\151\143\141\164\151\157\156\040\122\157\157\164\040\103\101  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\247\306\304\245\051\244\054\357\345\030\305\260\120\243\157  
\121\073\237\012\132\311\302\110\070\012\302\034\240\030\177\221  
\265\207\271\100\077\335\035\150\037\010\203\325\055\036\210\240  
\370\217\126\217\155\231\002\222\220\026\325\137\010\154\211\327  
\341\254\274\040\302\261\340\203\121\212\151\115\000\226\132\157  
\057\300\104\176\243\016\344\221\315\130\356\334\373\307\036\105

\107\335\047\271\010\001\237\246\041\035\365\101\055\057\114\375  
\050\255\340\212\255\042\264\126\145\216\206\124\217\223\103\051  
\336\071\106\170\243\060\043\272\315\360\175\023\127\300\135\322  
\203\153\110\114\304\253\237\200\132\133\072\275\311\247\042\077  
\200\047\063\133\016\267\212\014\135\007\067\010\313\154\322\172  
\107\042\104\065\305\314\314\056\216\335\052\355\267\175\146\015  
\137\141\121\042\125\033\343\106\343\343\075\320\065\142\232\333  
\257\024\310\133\241\314\211\033\341\060\046\374\240\233\037\201  
\247\107\037\004\353\243\071\222\006\237\231\323\277\323\352\117  
\120\234\031\376\226\207\036\074\145\366\243\030\044\203\206\020  
\347\124\076\250\072\166\044\117\201\041\305\343\017\002\370\223  
\224\107\040\273\376\324\016\323\150\271\335\304\172\204\202\343  
\123\124\171\335\333\234\322\362\007\233\056\266\274\076\355\205  
\155\357\045\021\362\227\032\102\141\367\112\227\350\213\261\020  
\007\372\145\201\262\242\071\317\367\074\377\030\373\306\361\132  
\213\131\342\002\254\173\222\320\116\024\117\131\105\366\014\136  
\050\137\260\350\077\105\317\317\257\233\157\373\204\323\167\132  
\225\157\254\224\204\236\356\274\300\112\217\112\223\370\104\041  
\342\061\105\141\120\116\020\330\343\065\174\114\031\264\336\005  
\277\243\006\237\310\265\315\344\037\327\027\006\015\172\225\164  
\125\015\150\032\374\020\033\142\144\235\155\340\225\240\303\224  
\007\127\015\024\346\275\005\373\270\237\346\337\213\342\306\347  
\176\226\366\123\305\200\064\120\050\130\360\022\120\161\027\060  
\272\346\170\143\274\364\262\255\233\053\262\376\341\071\214\136  
\272\013\040\224\336\173\203\270\377\343\126\215\267\021\351\073  
\214\362\261\301\135\235\244\013\114\053\331\262\030\365\265\237  
\113\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035  
\016\004\026\004\024\122\330\210\072\310\237\170\146\355\211\363  
\173\070\160\224\311\002\002\066\320\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035  
\043\004\030\060\026\200\024\122\330\210\072\310\237\170\146\355  
\211\363\173\070\160\224\311\002\002\066\320\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\013  
\173\162\207\300\140\246\111\114\210\130\346\035\210\367\024\144  
\110\246\330\130\012\016\117\023\065\337\065\035\324\355\006\061  
\310\201\076\152\325\335\073\032\062\356\220\075\021\322\056\364  
\216\303\143\056\043\146\260\147\276\157\266\300\023\071\140\252  
\242\064\045\223\165\122\336\247\235\255\016\207\211\122\161\152  
\026\074\031\035\203\370\232\051\145\276\364\077\232\331\360\363  
\132\207\041\161\200\115\313\340\070\233\077\273\372\340\060\115  
\317\206\323\145\020\031\030\321\227\002\261\053\162\102\150\254  
\240\275\116\132\332\030\277\153\230\201\320\375\232\276\136\025  
\110\315\021\025\271\300\051\134\264\350\210\367\076\066\256\267  
\142\375\036\142\336\160\170\020\034\110\133\332\274\244\070\272  
\147\355\125\076\136\127\337\324\003\100\114\201\244\322\117\143  
\247\011\102\011\024\374\000\251\302\200\163\117\056\300\100\331  
\021\173\110\352\172\002\300\323\353\050\001\046\130\164\301\300

```
\163\042\155\223\225\375\071\175\273\052\343\366\202\343\054\227
\137\116\037\221\224\372\376\054\243\330\166\032\270\115\262\070
\117\233\372\035\110\140\171\046\342\363\375\251\320\232\350\160
\217\111\172\326\345\275\012\016\333\055\363\215\277\353\343\244
\175\313\307\225\161\350\332\243\174\305\302\370\164\222\004\033
\206\254\244\042\123\100\266\254\376\114\166\317\373\224\062\300
\065\237\166\077\156\345\220\156\240\246\046\242\270\054\276\321
\053\205\375\247\150\310\272\001\053\261\154\164\035\270\163\225
\347\356\267\307\045\360\000\114\000\262\176\266\013\213\034\363
\300\120\236\045\271\340\010\336\066\146\377\067\245\321\273\124
\144\054\311\047\265\113\222\176\145\377\323\055\341\271\116\274
\177\244\101\041\220\101\167\246\071\037\352\236\343\237\320\146
\157\005\354\252\166\176\277\153\026\240\353\265\307\374\222\124
\057\053\021\047\045\067\170\114\121\152\260\363\314\130\135\024
\361\152\110\025\377\302\007\266\261\215\017\216\134\120\106\263
\075\277\001\230\117\262\131\124\107\076\064\173\170\155\126\223
\056\163\352\146\050\170\315\035\024\277\240\217\057\056\270\056
\216\362\024\212\314\351\265\174\373\154\235\014\245\341\226
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Actalis Authentication Root CA"
```

```
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
```

```
# Serial Number:57:0a:11:97:42:c4:e3:cc
```

```
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
```

```
# Not Valid Before: Thu Sep 22 11:22:02 2011
```

```
# Not Valid After : Sun Sep 22 11:22:02 2030
```

```
# Fingerprint (MD5): 69:C1:0D:4F:07:A3:1B:C3:FE:56:3D:04:BC:11:F6:A6
```

```
# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Actalis Authentication Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\363\163\263\207\006\132\050\204\212\362\363\112\316\031\053\335
\307\216\234\254
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\151\301\015\117\007\243\033\303\376\126\075\004\274\021\366\246
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
```

```

\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\227\102\304\343\314
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Buypass Class 2 Root CA"
#
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040
# Fingerprint (MD5): 46:A7:D2:FE:45:FB:64:5A:A8:59:90:9B:78:44:9B:29
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002

```



\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060  
\036\027\015\061\060\061\060\062\066\060\070\063\070\060\063\132  
\027\015\064\060\061\060\062\066\060\070\063\070\060\063\132\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060  
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000  
\327\307\136\367\301\007\324\167\373\103\041\364\364\365\151\344  
\356\062\001\333\243\206\037\344\131\015\272\347\165\203\122\353  
\352\034\141\025\110\273\035\007\312\214\256\260\334\226\235\352  
\303\140\222\206\202\050\163\234\126\006\377\113\144\360\014\052  
\067\111\265\345\317\014\174\356\361\112\273\163\060\145\363\325  
\057\203\266\176\343\347\365\236\253\140\371\323\361\235\222\164  
\212\344\034\226\254\133\200\351\265\364\061\207\243\121\374\307  
\176\241\157\216\123\167\324\227\301\125\063\222\076\030\057\165  
\324\255\206\111\313\225\257\124\006\154\330\006\023\215\133\377  
\341\046\031\131\300\044\272\201\161\171\220\104\120\150\044\224  
\137\270\263\021\361\051\101\141\243\101\313\043\066\325\301\361  
\062\120\020\116\177\364\206\223\354\204\323\216\274\113\277\134  
\001\116\007\075\334\024\212\224\012\244\352\163\373\013\121\350  
\023\007\030\372\016\361\053\321\124\025\175\074\341\367\264\031  
\102\147\142\136\167\340\242\125\354\266\331\151\027\325\072\257  
\104\355\112\305\236\344\172\047\174\345\165\327\252\313\045\347  
\337\153\012\333\017\115\223\116\250\240\315\173\056\362\131\001  
\152\267\015\270\007\201\176\213\070\033\070\346\012\127\231\075  
\356\041\350\243\365\014\026\335\213\354\064\216\234\052\034\000  
\025\027\215\150\203\322\160\237\030\010\315\021\150\325\311\153  
\122\315\304\106\217\334\265\363\330\127\163\036\351\224\071\004  
\277\323\336\070\336\264\123\354\151\034\242\176\304\217\344\033  
\160\255\362\242\371\373\367\026\144\146\151\237\111\121\242\342  
\025\030\147\006\112\177\325\154\265\115\263\063\340\141\353\135  
\276\351\230\017\062\327\035\113\074\056\132\001\122\221\011\362  
\337\352\215\330\006\100\143\252\021\344\376\303\067\236\024\122  
\077\364\342\314\362\141\223\321\375\147\153\327\122\256\277\150  
\253\100\103\240\127\065\123\170\360\123\370\141\102\007\144\306  
\327\157\233\114\070\015\143\254\142\257\066\213\242\163\012\015  
\365\041\275\164\252\115\352\162\003\111\333\307\137\035\142\143  
\307\375\335\221\354\063\356\365\155\264\156\060\150\336\310\326  
\046\260\165\136\173\264\007\040\230\241\166\062\270\115\154\117  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023

\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\311\200\167\340\142\222\202\365\106\234\363  
\272\367\114\303\336\270\243\255\071\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\123\137\041  
\365\272\260\072\122\071\054\222\260\154\000\311\357\316\040\357  
\006\362\226\236\351\244\164\177\172\026\374\267\365\266\373\025  
\033\077\253\246\300\162\135\020\261\161\356\274\117\343\255\254  
\003\155\056\161\056\257\304\343\255\243\275\014\021\247\264\377  
\112\262\173\020\020\037\247\127\101\262\300\256\364\054\131\326  
\107\020\210\363\041\121\051\060\312\140\206\257\106\253\035\355  
\072\133\260\224\336\104\343\101\010\242\301\354\035\326\375\117  
\266\326\107\320\024\013\312\346\312\265\173\167\176\101\037\136  
\203\307\266\214\071\226\260\077\226\201\101\157\140\220\342\350  
\371\373\042\161\331\175\263\075\106\277\264\204\257\220\034\017  
\217\022\152\257\357\356\036\172\256\002\112\212\027\053\166\376  
\254\124\211\044\054\117\077\266\262\247\116\214\250\221\227\373  
\051\306\173\134\055\271\313\146\266\267\250\133\022\121\205\265  
\011\176\142\170\160\376\251\152\140\266\035\016\171\014\375\312  
\352\044\200\162\303\227\077\362\167\253\103\042\012\307\353\266  
\014\204\202\054\200\153\101\212\010\300\353\245\153\337\231\022  
\313\212\325\136\200\014\221\340\046\010\066\110\305\372\070\021  
\065\377\045\203\055\362\172\277\332\375\216\376\245\313\105\054  
\037\304\210\123\256\167\016\331\232\166\305\216\054\035\243\272  
\325\354\062\256\300\252\254\367\321\172\115\353\324\007\342\110  
\367\042\216\260\244\237\152\316\216\262\262\140\364\243\042\320  
\043\353\224\132\172\151\335\017\277\100\127\254\153\131\120\331  
\243\231\341\156\376\215\001\171\047\043\025\336\222\235\173\011  
\115\132\347\113\110\060\132\030\346\012\155\346\217\340\322\273  
\346\337\174\156\041\202\301\150\071\115\264\230\130\146\142\314  
\112\220\136\303\372\047\004\261\171\025\164\231\314\276\255\040  
\336\046\140\034\353\126\121\246\243\352\344\243\077\247\377\141  
\334\361\132\115\154\062\043\103\356\254\250\356\356\112\022\011  
\074\135\161\302\276\171\372\302\207\150\035\013\375\134\151\314  
\006\320\232\175\124\231\052\311\071\032\031\257\113\052\103\363  
\143\135\132\130\342\057\343\035\344\251\326\320\012\320\236\277  
\327\201\011\361\311\307\046\015\254\230\026\126\240

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Buypass Class 2 Root CA"

# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO

# Serial Number: 2 (0x2)

# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO

# Not Valid Before: Tue Oct 26 08:38:03 2010

# Not Valid After : Fri Oct 26 08:38:03 2040

```

# Fingerprint (MD5): 46:A7:D2:FE:45:FB:64:5A:A8:59:90:9B:78:44:9B:29
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\111\012\165\164\336\207\012\107\376\130\356\366\307\153\353\306
\013\022\100\231
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\106\247\322\376\105\373\144\132\250\131\220\233\170\104\233\051
END
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Buypass Class 3 Root CA"
#
# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:28:58 2010
# Not Valid After : Fri Oct 26 08:28:58 2040
# Fingerprint (MD5): 3D:3B:18:9E:2C:64:5A:E8:D5:88:CE:0E:F9:37:C2:EC
# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 3 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163

```

\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040  
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163  
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101  
END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061  
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163  
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040  
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163  
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060  
\036\027\015\061\060\061\060\062\066\060\070\062\070\065\070\132  
\027\015\064\060\061\060\062\066\060\070\062\070\065\070\132\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060  
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000  
\245\332\012\225\026\120\343\225\362\136\235\166\061\006\062\172  
\233\361\020\166\270\000\232\265\122\066\315\044\107\260\237\030  
\144\274\232\366\372\325\171\330\220\142\114\042\057\336\070\075  
\326\340\250\351\034\054\333\170\021\351\216\150\121\025\162\307  
\363\063\207\344\240\135\013\134\340\127\007\052\060\365\315\304  
\067\167\050\115\030\221\346\277\325\122\375\161\055\160\076\347  
\306\304\212\343\360\050\013\364\166\230\241\213\207\125\262\072  
\023\374\267\076\047\067\216\042\343\250\117\052\357\140\273\075  
\267\071\303\016\001\107\231\135\022\117\333\103\372\127\241\355  
\371\235\276\021\107\046\133\023\230\253\135\026\212\260\067\034  
\127\235\105\377\210\226\066\277\273\312\007\173\157\207\143\327  
\320\062\152\326\135\154\014\361\263\156\071\342\153\061\056\071  
\000\047\024\336\070\300\354\031\146\206\022\350\235\162\026\023  
\144\122\307\251\067\034\375\202\060\355\204\030\035\364\256\134  
\377\160\023\000\353\261\365\063\172\113\326\125\370\005\215\113  
\151\260\365\263\050\066\134\024\304\121\163\115\153\013\361\064

\007\333\027\071\327\334\050\173\153\365\237\363\056\301\117\027  
\052\020\363\314\312\350\353\375\153\253\056\232\237\055\202\156  
\004\324\122\001\223\055\075\206\374\176\374\337\357\102\035\246  
\153\357\271\040\306\367\275\240\247\225\375\247\346\211\044\330  
\314\214\064\154\342\043\057\331\022\032\041\271\125\221\157\013  
\221\171\031\014\255\100\210\013\160\342\172\322\016\330\150\110  
\273\202\023\071\020\130\351\330\052\007\306\022\333\130\333\322  
\073\125\020\107\005\025\147\142\176\030\143\246\106\077\011\016  
\124\062\136\277\015\142\172\047\357\200\350\333\331\113\006\132  
\067\132\045\320\010\022\167\324\157\011\120\227\075\310\035\303  
\337\214\105\060\126\306\323\144\253\146\363\300\136\226\234\303  
\304\357\303\174\153\213\072\171\177\263\111\317\075\342\211\237  
\240\060\113\205\271\234\224\044\171\217\175\153\251\105\150\017  
\053\320\361\332\034\313\151\270\312\111\142\155\310\320\143\142  
\335\140\017\130\252\217\241\274\005\245\146\242\317\033\166\262  
\204\144\261\114\071\122\300\060\272\360\214\113\002\260\266\267  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\107\270\315\377\345\157\356\370\262\354\057  
\116\016\371\045\260\216\074\153\303\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\000\040\043  
\101\065\004\220\302\100\142\140\357\342\065\114\327\077\254\342  
\064\220\270\241\157\166\372\026\026\244\110\067\054\351\220\302  
\362\074\370\012\237\330\201\345\273\133\332\045\054\244\247\125  
\161\044\062\366\310\013\362\274\152\370\223\254\262\007\302\137  
\237\333\314\310\212\252\276\152\157\341\111\020\314\061\327\200  
\273\273\310\330\242\016\144\127\352\242\365\302\251\061\025\322  
\040\152\354\374\042\001\050\317\206\270\200\036\251\314\021\245  
\074\362\026\263\107\235\374\322\200\041\304\313\320\107\160\101  
\241\312\203\031\010\054\155\362\135\167\234\212\024\023\324\066  
\034\222\360\345\006\067\334\246\346\220\233\070\217\134\153\033  
\106\206\103\102\137\076\001\007\123\124\135\145\175\367\212\163  
\241\232\124\132\037\051\103\024\047\302\205\017\265\210\173\032  
\073\224\267\035\140\247\265\234\347\051\151\127\132\233\223\172  
\103\060\033\003\327\142\310\100\246\252\374\144\344\112\327\221  
\123\001\250\040\210\156\234\137\104\271\313\140\201\064\354\157  
\323\175\332\110\137\353\264\220\274\055\251\034\013\254\034\325  
\242\150\040\200\004\326\374\261\217\057\273\112\061\015\112\206  
\034\353\342\066\051\046\365\332\330\304\362\165\141\317\176\256  
\166\143\112\172\100\145\223\207\370\036\200\214\206\345\206\326  
\217\016\374\123\054\140\350\026\141\032\242\076\103\173\315\071  
\140\124\152\365\362\211\046\001\150\203\110\242\063\350\311\004  
\221\262\021\064\021\076\352\320\103\031\037\003\223\220\014\377  
\121\075\127\364\101\156\341\313\240\276\353\311\143\315\155\314  
\344\370\066\252\150\235\355\275\135\227\160\104\015\266\016\065  
\334\341\014\135\273\240\121\224\313\176\026\353\021\057\243\222  
\105\310\114\161\331\274\311\231\122\127\106\057\120\317\275\065

```
\151\364\075\025\316\006\245\054\017\076\366\201\272\224\273\303
\273\277\145\170\322\206\171\377\111\073\032\203\014\360\336\170
\354\310\362\115\114\032\336\202\051\370\301\132\332\355\356\346
\047\136\350\105\320\235\034\121\250\150\253\104\343\320\213\152
\343\370\073\273\334\115\327\144\362\121\276\346\252\253\132\351
\061\356\006\274\163\277\023\142\012\237\307\271\227
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Buypass Class 3 Root CA"
```

```
# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
```

```
# Serial Number: 2 (0x2)
```

```
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
```

```
# Not Valid Before: Tue Oct 26 08:28:58 2010
```

```
# Not Valid After : Fri Oct 26 08:28:58 2040
```

```
# Fingerprint (MD5): 3D:3B:18:9E:2C:64:5A:E8:D5:88:CE:0E:F9:37:C2:EC
```

```
# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Buypass Class 3 Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\332\372\367\372\146\204\354\006\217\024\120\275\307\302\201\245
\274\251\144\127
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\075\073\030\236\054\144\132\350\325\210\316\016\371\067\302\354
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\002
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "T-TeleSec GlobalRoot Class 3"
```

```
#
# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:29:56 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): CA:FB:40:A8:4E:39:92:8A:1D:FE:8E:2F:C4:27:EA:EF
# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123
```

\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035  
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060  
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145  
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141  
\163\163\040\063\060\036\027\015\060\070\061\060\060\061\061\060  
\062\071\065\066\132\027\015\063\063\061\060\060\061\062\063\065  
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124  
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162  
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142  
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171  
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164  
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124  
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157  
\164\040\103\154\141\163\163\040\063\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\275\165\223\360\142\042  
\157\044\256\340\172\166\254\175\275\331\044\325\270\267\374\315  
\360\102\340\353\170\210\126\136\233\232\124\035\115\014\212\366  
\323\317\160\364\122\265\330\223\004\343\106\206\161\101\112\053  
\360\052\054\125\003\326\110\303\340\071\070\355\362\134\074\077  
\104\274\223\075\141\253\116\315\015\276\360\040\047\130\016\104  
\177\004\032\207\245\327\226\024\066\220\320\111\173\241\165\373  
\032\153\163\261\370\316\251\011\054\362\123\325\303\024\104\270  
\206\245\366\213\053\071\332\243\063\124\331\372\162\032\367\042  
\025\034\210\221\153\177\146\345\303\152\200\260\044\363\337\206  
\105\210\375\031\177\165\207\037\037\261\033\012\163\044\133\271  
\145\340\054\124\310\140\323\146\027\077\341\314\124\063\163\221  
\002\072\246\177\173\166\071\242\037\226\266\070\256\265\310\223  
\164\035\236\271\264\345\140\235\057\126\321\340\353\136\133\114  
\022\160\014\154\104\040\253\021\330\364\031\366\322\234\122\067  
\347\372\266\302\061\073\112\324\024\231\255\307\032\365\135\137  
\372\007\270\174\015\037\326\203\036\263\002\003\001\000\001\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\265  
\003\367\166\073\141\202\152\022\252\030\123\353\003\041\224\277  
\376\316\312\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\126\075\357\224\325\275\332\163\262  
\130\276\256\220\255\230\047\227\376\001\261\260\122\000\270\115  
\344\033\041\164\033\176\300\356\136\151\052\045\257\134\326\035  
\332\322\171\311\363\227\051\340\206\207\336\004\131\017\361\131  
\324\144\205\113\231\257\045\004\036\311\106\251\227\336\202\262  
\033\160\237\234\366\257\161\061\335\173\005\245\054\323\271\312  
\107\366\312\362\366\347\255\271\110\077\274\026\267\301\155\364  
\352\011\257\354\363\265\347\005\236\246\036\212\123\121\326\223  
\201\314\164\223\366\271\332\246\045\005\164\171\132\176\100\076



```
\202\113\046\021\060\156\341\077\101\307\107\000\065\325\365\323
\367\124\076\201\075\332\111\152\232\263\357\020\075\346\353\157
\321\310\042\107\313\314\317\001\061\222\331\030\343\042\276\011
\036\032\076\132\262\344\153\014\124\172\175\103\116\270\211\245
\173\327\242\075\226\206\314\362\046\064\055\152\222\235\232\032
\320\060\342\135\116\004\260\137\213\040\176\167\301\075\225\202
\321\106\232\073\074\170\270\157\241\320\015\144\242\170\036\051
\116\223\303\244\124\024\133
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "T-TeleSec GlobalRoot Class 3"
```

```
# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
```

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
```

```
# Not Valid Before: Wed Oct 01 10:29:56 2008
```

```
# Not Valid After : Sat Oct 01 23:59:59 2033
```

```
# Fingerprint (MD5): CA:FB:40:A8:4E:39:92:8A:1D:FE:8E:2F:C4:27:EA:EF
```

```
# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\125\246\162\076\313\362\354\315\303\043\164\160\031\235\052\276
\021\343\201\321
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\312\373\100\250\116\071\222\212\035\376\216\057\304\047\352\357
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 1", Bug 825022

# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik Sunucu Sertifikas.. Hizmetleri

# Serial Number: 2087 (0x827)

# Subject: CN=\*.EGO.GOV.TR,OU=EGO BILGI ISLEM,O=EGO,L=ANKARA,ST=ANKARA,C=TR

# Not Valid Before: Mon Aug 08 07:07:51 2011

# Not Valid After : Tue Jul 06 07:07:51 2021

# Fingerprint (MD5): F8:F5:25:FF:0C:31:CF:85:E1:0C:86:17:C1:CE:1F:8E

# Fingerprint (SHA1): C6:9F:28:C8:25:13:9E:65:A6:46:C4:34:AC:A5:A1:D2:00:29:5D:B1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TURKTRUST Mis-issued Intermediate CA 1"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303  
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157  
\156\151\153\040\123\165\156\165\143\165\040\123\145\162\164\151  
\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145  
\162\151\061\013\060\011\006\003\125\004\006\023\002\124\122\061  
\136\060\134\006\003\125\004\012\014\125\124\303\234\122\113\124  
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164  
\151\305\237\151\155\040\166\145\040\102\151\154\151\305\237\151  
\155\040\107\303\274\166\145\156\154\151\304\237\151\040\110\151  
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\040\050  
\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\010\047

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 2", Bug 825022

# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik Sunucu Sertifikas.. Hizmetleri

# Serial Number: 2148 (0x864)

# Subject: E=ileti@kktcmerkezbankasi.org,CN=e-islem.kktcmerkezbankasi.org,O=KKTC Merkez Bankasi,L=Lefkosa,ST=Lefkosa,C=TR

# Not Valid Before: Mon Aug 08 07:07:51 2011

```

# Not Valid After : Thu Aug 05 07:07:51 2021
# Fingerprint (MD5): BF:C3:EC:AD:0F:42:4F:B4:B5:38:DB:35:BF:AD:84:A2
# Fingerprint (SHA1): F9:2B:E5:26:6C:C0:5D:B2:DC:0D:C3:F2:DC:74:E0:2D:EF:D9:49:CB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TURKTRUST Mis-issued Intermediate CA 2"
CKA_ISSUER MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\165\156\165\143\165\040\123\145\162\164\151
\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145
\162\151\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\136\060\134\006\003\125\004\012\014\125\124\303\234\122\113\124
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164
\151\305\237\151\155\040\166\145\040\102\151\154\151\305\237\151
\155\040\107\303\274\166\145\156\154\151\304\237\151\040\110\151
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\040\050
\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\144
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root Class 3 CA 2 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623603 (0x983f3)
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029
# Fingerprint (MD5): CD:E0:25:69:8D:47:AC:9C:89:35:90:F7:FD:51:3D:2F
# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163

```

\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014  
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014  
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\003\011\203\363

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\063\060\202\003\033\240\003\002\001\002\002\003\011  
\203\363\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165  
\163\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003  
\014\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\154\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071  
\060\036\027\015\060\071\061\061\060\065\060\070\063\065\065\070  
\132\027\015\062\071\061\061\060\065\060\070\063\065\065\070\132  
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014  
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071\060  
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000  
\323\262\112\317\172\107\357\165\233\043\372\072\057\326\120\105  
\211\065\072\306\153\333\376\333\000\150\250\340\003\021\035\067  
\120\010\237\115\112\150\224\065\263\123\321\224\143\247\040\126  
\257\336\121\170\354\052\075\363\110\110\120\076\012\337\106\125  
\213\047\155\303\020\115\015\221\122\103\330\207\340\135\116\066  
\265\041\312\137\071\100\004\137\133\176\314\243\306\053\251\100  
\036\331\066\204\326\110\363\222\036\064\106\040\044\301\244\121  
\216\112\032\357\120\077\151\135\031\177\105\303\307\001\217\121  
\311\043\350\162\256\264\274\126\011\177\022\313\034\261\257\051  
\220\012\311\125\314\017\323\264\032\355\107\065\132\112\355\234  
\163\004\041\320\252\275\014\023\265\000\312\046\154\304\153\014  
\224\132\225\224\332\120\232\361\377\245\053\146\061\244\311\070  
\240\337\035\037\270\011\056\363\247\350\147\122\253\225\037\340  
\106\076\330\244\303\312\132\305\061\200\350\110\232\237\224\151  
\376\031\335\330\163\174\201\312\226\336\216\355\263\062\005\145  
\204\064\346\346\375\127\020\265\137\166\277\057\260\020\015\305

\002\003\001\000\001\243\202\001\032\060\202\001\026\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035  
\006\003\125\035\016\004\026\004\024\375\332\024\304\237\060\336  
\041\275\036\102\071\374\253\143\043\111\340\361\204\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\323  
\006\003\125\035\037\004\201\313\060\201\310\060\201\200\240\176  
\240\174\206\172\154\144\141\160\072\057\057\144\151\162\145\143  
\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164  
\057\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157  
\157\164\045\062\060\103\154\141\163\163\045\062\060\063\045\062  
\060\103\101\045\062\060\062\045\062\060\062\060\060\071\054\117  
\075\104\055\124\162\165\163\164\045\062\060\107\155\142\110\054  
\103\075\104\105\077\143\145\162\164\151\146\151\143\141\164\145  
\162\145\166\157\143\141\164\151\157\156\154\151\163\164\060\103  
\240\101\240\077\206\075\150\164\164\160\072\057\057\167\167\167  
\056\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154  
\057\144\055\164\162\165\163\164\137\162\157\157\164\137\143\154  
\141\163\163\137\063\137\143\141\137\062\137\062\060\060\071\056  
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\177\227\333\060\310\337\244\234\175  
\041\172\200\160\316\024\022\151\210\024\225\140\104\001\254\262  
\351\060\117\233\120\302\146\330\176\215\060\265\160\061\351\342  
\151\307\363\160\333\040\025\206\320\015\360\276\254\001\165\204  
\316\176\237\115\277\267\140\073\234\363\312\035\342\136\150\330  
\243\235\227\345\100\140\322\066\041\376\320\264\270\027\332\164  
\243\177\324\337\260\230\002\254\157\153\153\054\045\044\162\241  
\145\356\045\132\345\346\062\347\362\337\253\111\372\363\220\151  
\043\333\004\331\347\134\130\374\145\324\227\276\314\374\056\012  
\314\045\052\065\004\370\140\221\025\165\075\101\377\043\037\031  
\310\154\353\202\123\004\246\344\114\042\115\215\214\272\316\133  
\163\354\144\124\120\155\321\234\125\373\151\303\066\303\214\274  
\074\205\246\153\012\046\015\340\223\230\140\256\176\306\044\227  
\212\141\137\221\216\146\222\011\207\066\315\213\233\055\076\366  
\121\324\120\324\131\050\275\203\362\314\050\173\123\206\155\330  
\046\210\160\327\352\221\315\076\271\312\300\220\156\132\306\136  
\164\145\327\134\376\243\342

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 2009"  
# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE  
# Serial Number: 623603 (0x983f3)  
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE  
# Not Valid Before: Thu Nov 05 08:35:58 2009  
# Not Valid After : Mon Nov 05 08:35:58 2029  
# Fingerprint (MD5): CD:E0:25:69:8D:47:AC:9C:89:35:90:F7:FD:51:3D:2F

```

# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\350\253\260\066\025\063\373\200\367\233\033\155\051\323\377
\215\137\000\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\340\045\151\215\107\254\234\211\065\220\367\375\121\075\057
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root Class 3 CA 2 EV 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
# Fingerprint (MD5): AA:C6:43:2C:5E:2D:CD:C4:34:C0:50:4F:11:02:4F:B6
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014

```

\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060  
\060\071

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014  
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060  
\060\071

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\003\011\203\364

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\103\060\202\003\053\240\003\002\001\002\002\003\011  
\203\364\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165  
\163\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003  
\014\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\154\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062  
\060\060\071\060\036\027\015\060\071\061\061\060\065\060\070\065  
\060\064\066\132\027\015\062\071\061\061\060\065\060\070\065\060  
\064\066\132\060\120\061\013\060\011\006\003\125\004\006\023\002  
\104\105\061\025\060\023\006\003\125\004\012\014\014\104\055\124  
\162\165\163\164\040\107\155\142\110\061\052\060\050\006\003\125  
\004\003\014\041\104\055\124\122\125\123\124\040\122\157\157\164  
\040\103\154\141\163\163\040\063\040\103\101\040\062\040\105\126  
\040\062\060\060\071\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\231\361\204\064\160\272\057\267\060\240  
\216\275\174\004\317\276\142\274\231\375\202\227\322\172\012\147  
\226\070\011\366\020\116\225\042\163\231\215\332\025\055\347\005  
\374\031\163\042\267\216\230\000\274\074\075\254\241\154\373\326  
\171\045\113\255\360\314\144\332\210\076\051\270\017\011\323\064  
\335\063\365\142\321\341\315\031\351\356\030\117\114\130\256\342  
\036\326\014\133\025\132\330\072\270\304\030\144\036\343\063\262  
\265\211\167\116\014\277\331\224\153\023\227\157\022\243\376\231  
\251\004\314\025\354\140\150\066\355\010\173\267\365\277\223\355  
\146\061\203\214\306\161\064\207\116\027\352\257\213\221\215\034  
\126\101\256\042\067\136\067\362\035\331\321\055\015\057\151\121  
\247\276\146\246\212\072\052\275\307\032\261\341\024\360\276\072  
\035\271\317\133\261\152\376\264\261\106\040\242\373\036\073\160  
\357\223\230\175\214\163\226\362\305\357\205\160\255\051\046\374  
\036\004\076\034\240\330\017\313\122\203\142\174\356\213\123\225

\220\251\127\242\352\141\005\330\371\115\304\047\372\156\255\355  
\371\327\121\367\153\245\002\003\001\000\001\243\202\001\044\060  
\202\001\040\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\323  
\224\212\114\142\023\052\031\056\314\257\162\212\175\066\327\232  
\034\334\147\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\201\335\006\003\125\035\037\004\201\325\060\201  
\322\060\201\207\240\201\204\240\201\201\206\177\154\144\141\160  
\072\057\057\144\151\162\145\143\164\157\162\171\056\144\055\164  
\162\165\163\164\056\156\145\164\057\103\116\075\104\055\124\122  
\125\123\124\045\062\060\122\157\157\164\045\062\060\103\154\141  
\163\163\045\062\060\063\045\062\060\103\101\045\062\060\062\045  
\062\060\105\126\045\062\060\062\060\060\071\054\117\075\104\055  
\124\162\165\163\164\045\062\060\107\155\142\110\054\103\075\104  
\105\077\143\145\162\164\151\146\151\143\141\164\145\162\145\166  
\157\143\141\164\151\157\156\154\151\163\164\060\106\240\104\240  
\102\206\100\150\164\164\160\072\057\057\167\167\167\056\144\055  
\164\162\165\163\164\056\156\145\164\057\143\162\154\057\144\055  
\164\162\165\163\164\137\162\157\157\164\137\143\154\141\163\163  
\137\063\137\143\141\137\062\137\145\166\137\062\060\060\071\056  
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\064\355\173\132\074\244\224\210\357  
\032\021\165\007\057\263\376\074\372\036\121\046\353\207\366\051  
\336\340\361\324\306\044\011\351\301\317\125\033\264\060\331\316  
\032\376\006\121\246\025\244\055\357\262\113\277\040\050\045\111  
\321\246\066\167\064\350\144\337\122\261\021\307\163\172\315\071  
\236\302\255\214\161\041\362\132\153\257\337\074\116\125\257\262  
\204\145\024\211\271\167\313\052\061\276\317\243\155\317\157\110  
\224\062\106\157\347\161\214\240\246\204\031\067\007\362\003\105  
\011\053\206\165\174\337\137\151\127\000\333\156\330\246\162\042  
\113\120\324\165\230\126\337\267\030\377\103\103\120\256\172\104  
\173\360\171\121\327\103\075\247\323\201\323\360\311\117\271\332  
\306\227\206\320\202\303\344\102\155\376\260\342\144\116\016\046  
\347\100\064\046\265\010\211\327\010\143\143\070\047\165\036\063  
\352\156\250\335\237\231\117\164\115\201\211\200\113\335\232\227  
\051\134\057\276\201\101\271\214\377\352\175\140\006\236\315\327  
\075\323\056\243\025\274\250\346\046\345\157\303\334\270\003\041  
\352\237\026\361\054\124\265

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 EV 2009"

# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE

# Serial Number: 623604 (0x983f4)

# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE

# Not Valid Before: Thu Nov 05 08:50:46 2009



```

# Not Valid After : Mon Nov 05 08:50:46 2029
# Fingerprint (MD5): AA:C6:43:2C:5E:2D:CD:C4:34:C0:50:4F:11:02:4F:B6
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\226\311\033\013\225\264\020\230\102\372\320\330\042\171\376\140
\372\271\026\203
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\306\103\054\136\055\315\304\064\300\120\117\021\002\117\266
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "CA Disig Root R2"
#
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Not Valid Before: Thu Jul 19 09:15:30 2012
# Not Valid After : Sat Jul 19 09:15:30 2042
# Fingerprint (MD5): 26:01:FB:D8:27:A7:17:9A:45:54:38:1A:43:01:3B:03
# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061  
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163  
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104  
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125  
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157  
\164\040\122\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061  
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163  
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104  
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125  
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157  
\164\040\122\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\222\270\210\333\260\212\301\143

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\151\060\202\003\121\240\003\002\001\002\002\011\000  
\222\270\210\333\260\212\301\143\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\122\061\013\060\011\006\003\125  
\004\006\023\002\123\113\061\023\060\021\006\003\125\004\007\023  
\012\102\162\141\164\151\163\154\141\166\141\061\023\060\021\006  
\003\125\004\012\023\012\104\151\163\151\147\040\141\056\163\056  
\061\031\060\027\006\003\125\004\003\023\020\103\101\040\104\151  
\163\151\147\040\122\157\157\164\040\122\062\060\036\027\015\061  
\062\060\067\061\071\060\071\061\065\063\060\132\027\015\064\062  
\060\067\061\071\060\071\061\065\063\060\132\060\122\061\013\060  
\011\006\003\125\004\006\023\002\123\113\061\023\060\021\006\003  
\125\004\007\023\012\102\162\141\164\151\163\154\141\166\141\061  
\023\060\021\006\003\125\004\012\023\012\104\151\163\151\147\040  
\141\056\163\056\061\031\060\027\006\003\125\004\003\023\020\103  
\101\040\104\151\163\151\147\040\122\157\157\164\040\122\062\060  
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000  
\242\243\304\000\011\326\205\135\055\155\024\366\302\303\163\236  
\065\302\161\125\176\201\373\253\106\120\340\301\174\111\170\346  
\253\171\130\074\332\377\174\034\237\330\227\002\170\076\153\101  
\004\351\101\275\276\003\054\105\366\057\144\324\253\135\243\107  
\075\144\233\351\150\232\306\314\033\077\272\276\262\213\064\002  
\056\230\125\031\374\214\157\252\137\332\114\316\115\003\041\243  
\330\322\064\223\126\226\313\114\014\000\026\074\137\032\315\310  
\307\154\246\255\323\061\247\274\350\345\341\146\326\322\373\003  
\264\101\145\311\020\256\016\005\143\306\200\152\151\060\375\322  
\356\220\357\015\047\337\237\225\163\364\341\045\332\154\026\336  
\101\070\064\352\213\374\321\350\004\024\141\055\101\176\254\307

\167\116\313\121\124\373\136\222\030\033\004\132\150\306\311\304  
\372\267\023\240\230\267\021\053\267\326\127\314\174\236\027\321  
\313\045\376\206\116\044\056\126\014\170\115\236\001\022\246\053  
\247\001\145\156\174\142\035\204\204\337\352\300\153\265\245\052  
\225\203\303\123\021\014\163\035\013\262\106\220\321\102\072\316  
\100\156\225\255\377\306\224\255\156\227\204\216\175\157\236\212  
\200\015\111\155\163\342\173\222\036\303\363\301\363\353\056\005  
\157\331\033\317\067\166\004\310\264\132\344\027\247\313\335\166  
\037\320\031\166\350\054\005\263\326\234\064\330\226\334\141\207  
\221\005\344\104\010\063\301\332\271\010\145\324\256\262\066\015  
\353\272\070\272\014\345\233\236\353\215\146\335\231\317\326\211  
\101\366\004\222\212\051\051\155\153\072\034\347\165\175\002\161  
\016\363\300\347\275\313\031\335\235\140\262\302\146\140\266\261  
\004\356\311\346\206\271\232\146\100\250\347\021\355\201\105\003  
\213\366\147\131\350\301\006\021\275\335\317\200\002\117\145\100  
\170\134\107\120\310\233\346\037\201\173\344\104\250\133\205\232  
\342\336\132\325\307\371\072\104\146\113\344\062\124\174\344\154  
\234\263\016\075\027\242\262\064\022\326\176\262\250\111\273\321  
\172\050\100\276\242\026\037\337\344\067\037\021\163\373\220\012  
\145\103\242\015\174\370\006\001\125\063\175\260\015\270\364\365  
\256\245\102\127\174\066\021\214\173\136\304\003\235\214\171\235  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125\035  
\016\004\026\004\024\265\231\370\257\260\224\365\343\040\326\012  
\255\316\116\126\244\056\156\102\355\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\046\006\136  
\160\347\145\063\310\202\156\331\234\027\072\033\172\146\262\001  
\366\170\073\151\136\057\352\377\116\371\050\303\230\052\141\114  
\264\044\022\212\175\155\021\024\367\234\265\312\346\274\236\047  
\216\114\031\310\251\275\172\300\327\066\016\155\205\162\156\250  
\306\242\155\366\372\163\143\177\274\156\171\010\034\235\212\237  
\032\212\123\246\330\273\331\065\125\261\021\305\251\003\263\126  
\073\271\204\223\042\136\176\301\366\022\122\213\352\054\147\274  
\376\066\114\365\270\317\321\263\111\222\073\323\051\016\231\033  
\226\367\141\270\073\304\053\266\170\154\264\043\157\360\375\323  
\262\136\165\037\231\225\250\254\366\332\341\305\061\173\373\321  
\106\263\322\274\147\264\142\124\272\011\367\143\260\223\242\232  
\371\351\122\056\213\140\022\253\374\365\140\126\357\020\134\213  
\304\032\102\334\203\133\144\016\313\265\274\326\117\301\174\074  
\156\215\023\155\373\173\353\060\320\334\115\257\305\325\266\245  
\114\133\161\311\350\061\276\350\070\006\110\241\032\342\352\322  
\336\022\071\130\032\377\200\016\202\165\346\267\311\007\154\016  
\357\377\070\361\230\161\304\267\177\016\025\320\045\151\275\042  
\235\053\355\005\366\106\107\254\355\300\360\324\073\342\354\356  
\226\133\220\023\116\036\126\072\353\260\357\226\273\226\043\021  
\272\362\103\206\164\144\225\310\050\165\337\035\065\272\322\067  
\203\070\123\070\066\073\317\154\351\371\153\016\320\373\004\350

```
\117\167\327\145\001\170\206\014\172\076\041\142\361\177\143\161
\014\311\237\104\333\250\047\242\165\276\156\201\076\327\300\353
\033\230\017\160\134\064\262\212\314\300\205\030\353\156\172\263
\367\132\241\007\277\251\102\222\363\140\042\227\344\024\241\007
\233\116\166\300\216\175\375\244\045\307\107\355\377\037\163\254
\314\303\245\351\157\012\216\233\145\302\120\205\265\243\240\123
\022\314\125\207\141\363\201\256\020\106\141\275\104\041\270\302
\075\164\317\176\044\065\372\034\007\016\233\075\042\312\357\061
\057\214\254\022\275\357\100\050\374\051\147\237\262\023\117\146
\044\304\123\031\351\036\051\025\357\346\155\260\177\055\147\375
\363\154\033\165\106\243\345\112\027\351\244\327\013
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "CA Disig Root R2"
```

```
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
```

```
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
```

```
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
```

```
# Not Valid Before: Thu Jul 19 09:15:30 2012
```

```
# Not Valid After : Sat Jul 19 09:15:30 2042
```

```
# Fingerprint (MD5): 26:01:FB:D8:27:A7:17:9A:45:54:38:1A:43:01:3B:03
```

```
# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "CA Disig Root R2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\265\141\353\352\244\336\344\045\113\151\032\230\245\127\107\302
\064\307\331\161
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\046\001\373\330\047\247\027\232\105\124\070\032\103\001\073\003
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\011\000\222\270\210\333\260\212\301\143
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "ACCVRAIZ1"

#

# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Serial Number:5e:c3:b7:a6:43:7f:a4:e0

# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Not Valid Before: Thu May 05 09:37:37 2011

# Not Valid After : Tue Dec 31 09:37:37 2030

# Fingerprint (MD5): D0:A0:5A:EE:05:B6:09:94:21:A1:7D:F1:B2:29:82:02

# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ACCVRAIZ1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103  
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014  
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004  
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006  
\023\002\105\123

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103  
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014  
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004  
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006  
\023\002\105\123

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\136\303\267\246\103\177\244\340

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\007\323\060\202\005\273\240\003\002\001\002\002\010\136  
\303\267\246\103\177\244\340\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\102\061\022\060\020\006\003\125\004  
\003\014\011\101\103\103\126\122\101\111\132\061\061\020\060\016  
\006\003\125\004\013\014\007\120\113\111\101\103\103\126\061\015  
\060\013\006\003\125\004\012\014\004\101\103\103\126\061\013\060  
\011\006\003\125\004\006\023\002\105\123\060\036\027\015\061\061  
\060\065\060\065\060\071\063\067\063\067\132\027\015\063\060\061  
\062\063\061\060\071\063\067\063\067\132\060\102\061\022\060\020

\006\003\125\004\003\014\011\101\103\103\126\122\101\111\132\061  
\061\020\060\016\006\003\125\004\013\014\007\120\113\111\101\103  
\103\126\061\015\060\013\006\003\125\004\012\014\004\101\103\103  
\126\061\013\060\011\006\003\125\004\006\023\002\105\123\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\233  
\251\253\277\141\112\227\257\057\227\146\232\164\137\320\331\226  
\375\317\342\344\146\357\037\037\107\063\302\104\243\337\232\336  
\037\265\124\335\025\174\151\065\021\157\273\310\014\216\152\030  
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "ACCVRAIZ1"

# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Serial Number:5e:c3:b7:a6:43:7f:a4:e0

# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Not Valid Before: Thu May 05 09:37:37 2011

# Not Valid After : Tue Dec 31 09:37:37 2030

# Fingerprint (MD5): D0:A0:5A:EE:05:B6:09:94:21:A1:7D:F1:B2:29:82:02

# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ACCVRAIZ1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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\320\240\132\356\005\266\011\224\041\241\175\361\262\051\202\002
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END

CKA\_ISSUER MULTILINE\_OCTAL

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\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "TWCA Global Root CA"

#

# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

# Serial Number: 3262 (0xcbe)

# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

# Not Valid Before: Wed Jun 27 06:28:33 2012

# Not Valid After : Tue Dec 31 15:59:59 2030

# Fingerprint (MD5): F9:03:7E:CF:E6:9E:3C:73:7A:2A:90:07:69:FF:2B:96

# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TWCA Global Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

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\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
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END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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END

CKA\_VALUE MULTILINE\_OCTAL

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\236\302\353\203\030\237\152\273\033\044\140\063\160\314\354\367  
\062\363\134\331\171\175\357\236\244\376\311\043\303\044\356\025  
\222\261\075\221\117\046\206\275\146\163\044\023\352\244\256\143  
\301\255\175\204\003\074\020\170\206\033\171\343\304\363\362\004  
\225\040\256\043\202\304\263\072\000\142\277\346\066\044\341\127  
\272\307\036\220\165\325\137\077\225\141\053\301\073\315\345\263  
\150\141\320\106\046\251\041\122\151\055\353\056\307\353\167\316  
\246\072\265\003\063\117\166\321\347\134\124\001\135\313\170\364  
\311\014\277\317\022\216\027\055\043\150\224\347\253\376\251\262  
\053\006\320\004\315

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TWCA Global Root CA"  
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW  
# Serial Number: 3262 (0xcbe)  
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

```

# Not Valid Before: Wed Jun 27 06:28:33 2012
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (MD5): F9:03:7E:CF:E6:9E:3C:73:7A:2A:90:07:69:FF:2B:96
# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Global Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\234\273\110\123\366\244\366\323\122\244\350\062\122\125\140\023
\365\255\257\145
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\371\003\176\317\346\236\074\163\172\052\220\007\151\377\053\226
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\014\276
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TeliaSonera Root CA v1"
#
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Not Valid Before: Thu Oct 18 12:00:50 2007
# Not Valid After : Mon Oct 18 12:00:50 2032
# Fingerprint (MD5): 37:41:49:1B:18:56:9A:26:F5:AD:C2:66:FB:40:A5:4C
# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154  
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004  
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122  
\157\157\164\040\103\101\040\166\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154  
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004  
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122  
\157\157\164\040\103\101\040\166\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372  
\213\315\226

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\070\060\202\003\040\240\003\002\001\002\002\021\000  
\225\276\026\240\367\056\106\361\173\071\202\162\372\213\315\226  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154\151  
\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004\003  
\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122\157  
\157\164\040\103\101\040\166\061\060\036\027\015\060\067\061\060  
\061\070\061\062\060\060\065\060\132\027\015\063\062\061\060\061  
\070\061\062\060\060\065\060\132\060\067\061\024\060\022\006\003  
\125\004\012\014\013\124\145\154\151\141\123\157\156\145\162\141  
\061\037\060\035\006\003\125\004\003\014\026\124\145\154\151\141  
\123\157\156\145\162\141\040\122\157\157\164\040\103\101\040\166  
\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\302\276\353\047\360\041\243\363\151\046\125\176\235\305  
\125\026\221\134\375\357\041\277\123\200\172\055\322\221\214\143  
\061\360\354\044\360\303\245\322\162\174\020\155\364\067\267\345  
\346\174\171\352\214\265\202\213\256\110\266\254\000\334\145\165  
\354\052\115\137\301\207\365\040\145\053\201\250\107\076\211\043  
\225\060\026\220\177\350\127\007\110\347\031\256\277\105\147\261  
\067\033\006\052\376\336\371\254\175\203\373\136\272\344\217\227  
\147\276\113\216\215\144\007\127\070\125\151\064\066\075\023\110  
\357\117\342\323\146\036\244\317\032\267\136\066\063\324\264\006  
\275\030\001\375\167\204\120\000\105\365\214\135\350\043\274\176  
\376\065\341\355\120\173\251\060\215\031\323\011\216\150\147\135  
\277\074\227\030\123\273\051\142\305\312\136\162\301\307\226\324  
\333\055\240\264\037\151\003\354\352\342\120\361\014\074\360\254  
\363\123\055\360\034\365\355\154\071\071\163\200\026\310\122\260  
\043\315\340\076\334\335\074\107\240\273\065\212\342\230\150\213  
\276\345\277\162\356\322\372\245\355\022\355\374\230\030\251\046

\166\334\050\113\020\040\034\323\177\026\167\055\355\157\200\367  
\111\273\123\005\273\135\150\307\324\310\165\026\077\211\132\213  
\367\027\107\324\114\361\322\211\171\076\115\075\230\250\141\336  
\072\036\322\370\136\003\340\301\311\034\214\323\215\115\323\225  
\066\263\067\137\143\143\233\063\024\360\055\046\153\123\174\211  
\214\062\302\156\354\075\041\000\071\311\241\150\342\120\203\056  
\260\072\053\363\066\240\254\057\344\157\141\302\121\011\071\076  
\213\123\271\273\147\332\334\123\271\166\131\066\235\103\345\040  
\340\075\062\140\205\042\121\267\307\063\273\335\025\057\244\170  
\246\007\173\201\106\066\004\206\335\171\065\307\225\054\073\260  
\243\027\065\345\163\037\264\134\131\357\332\352\020\145\173\172  
\320\177\237\263\264\052\067\073\160\213\233\133\271\053\267\354  
\262\121\022\227\123\051\132\324\360\022\020\334\117\002\273\022  
\222\057\142\324\077\151\103\174\015\326\374\130\165\001\210\235  
\130\026\113\336\272\220\377\107\001\211\006\152\366\137\262\220  
\152\263\002\246\002\210\277\263\107\176\052\331\325\372\150\170  
\065\115\002\003\001\000\001\243\077\060\075\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016  
\004\026\004\024\360\217\131\070\000\263\365\217\232\226\014\325  
\353\372\173\252\027\350\023\022\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\002\001\000\276\344\134\142  
\116\044\364\014\010\377\360\323\014\150\344\223\111\042\077\104  
\047\157\273\155\336\203\146\316\250\314\015\374\365\232\006\345  
\167\024\221\353\235\101\173\231\052\204\345\377\374\041\301\135  
\360\344\037\127\267\165\251\241\137\002\046\377\327\307\367\116  
\336\117\370\367\034\106\300\172\117\100\054\042\065\360\031\261  
\320\153\147\054\260\250\340\300\100\067\065\366\204\134\134\343  
\257\102\170\376\247\311\015\120\352\015\204\166\366\121\357\203  
\123\306\172\377\016\126\111\056\217\172\326\014\346\047\124\343  
\115\012\140\162\142\315\221\007\326\245\277\310\231\153\355\304  
\031\346\253\114\021\070\305\157\061\342\156\111\310\077\166\200  
\046\003\046\051\340\066\366\366\040\123\343\027\160\064\027\235  
\143\150\036\153\354\303\115\206\270\023\060\057\135\106\015\107  
\103\325\033\252\131\016\271\134\215\006\110\255\164\207\137\307  
\374\061\124\101\023\342\307\041\016\236\340\036\015\341\300\173  
\103\205\220\305\212\130\306\145\012\170\127\362\306\043\017\001  
\331\040\113\336\017\373\222\205\165\052\134\163\215\155\173\045  
\221\312\356\105\256\006\113\000\314\323\261\131\120\332\072\210  
\073\051\103\106\136\227\053\124\316\123\157\215\112\347\226\372  
\277\161\016\102\213\174\375\050\240\320\110\312\332\304\201\114  
\273\242\163\223\046\310\353\014\326\046\210\266\300\044\317\273  
\275\133\353\165\175\351\010\216\206\063\054\171\167\011\151\245  
\211\374\263\160\220\207\166\217\323\042\273\102\316\275\163\013  
\040\046\052\320\233\075\160\036\044\154\315\207\166\251\027\226  
\267\317\015\222\373\216\030\251\230\111\321\236\376\140\104\162  
\041\271\031\355\302\365\061\361\071\110\210\220\044\165\124\026  
\255\316\364\370\151\024\144\071\373\243\270\272\160\100\307\047

```
\034\277\304\126\123\372\143\145\320\363\034\016\026\365\153\206
\130\115\030\324\344\015\216\245\235\133\221\334\166\044\120\077
\306\052\373\331\267\234\265\326\346\320\331\350\031\213\025\161
\110\255\267\352\330\131\210\324\220\277\026\263\331\351\254\131
\141\124\310\034\272\312\301\312\341\271\040\114\217\072\223\211
\245\240\314\277\323\366\165\244\165\226\155\126
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "TeliaSonera Root CA v1"
```

```
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
```

```
# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96
```

```
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
```

```
# Not Valid Before: Thu Oct 18 12:00:50 2007
```

```
# Not Valid After : Mon Oct 18 12:00:50 2032
```

```
# Fingerprint (MD5): 37:41:49:1B:18:56:9A:26:F5:AD:C2:66:FB:40:A5:4C
```

```
# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\103\023\273\226\361\325\206\233\301\116\152\222\366\317\366\064
\151\207\202\067
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\067\101\111\033\030\126\232\046\365\255\302\146\373\100\245\114
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372
\213\315\226
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "E-Tugra Certification Authority"
```

#

# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im  
Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

# Serial Number:6a:68:3e:9c:51:9b:cb:53

# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im  
Teknolojileri ve Hizmetleri A....,L=Ankara,C=TR

# Not Valid Before: Tue Mar 05 12:09:48 2013

# Not Valid After : Fri Mar 03 12:09:48 2023

# Fingerprint (MD5): B8:A1:03:63:B0:BD:21:71:70:8A:6F:13:3A:BB:79:49

# Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "E-Tugra Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122  
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162  
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165  
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151  
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040  
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056  
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055  
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163  
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006  
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122  
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162  
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165  
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151  
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040  
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056  
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055  
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163  
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006  
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\152\150\076\234\121\233\313\123

END



CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\113\060\202\004\063\240\003\002\001\002\002\010\152  
\150\076\234\121\233\313\123\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\262\061\013\060\011\006\003\125  
\004\006\023\002\124\122\061\017\060\015\006\003\125\004\007\014  
\006\101\156\153\141\162\141\061\100\060\076\006\003\125\004\012  
\014\067\105\055\124\165\304\237\162\141\040\105\102\107\040\102  
\151\154\151\305\237\151\155\040\124\145\153\156\157\154\157\152  
\151\154\145\162\151\040\166\145\040\110\151\172\155\145\164\154  
\145\162\151\040\101\056\305\236\056\061\046\060\044\006\003\125  
\004\013\014\035\105\055\124\165\147\162\141\040\123\145\162\164  
\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145\172  
\151\061\050\060\046\006\003\125\004\003\014\037\105\055\124\165  
\147\162\141\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061  
\063\060\063\060\065\061\062\060\071\064\070\132\027\015\062\063  
\060\063\060\063\061\062\060\071\064\070\132\060\201\262\061\013  
\060\011\006\003\125\004\006\023\002\124\122\061\017\060\015\006  
\003\125\004\007\014\006\101\156\153\141\162\141\061\100\060\076  
\006\003\125\004\012\014\067\105\055\124\165\304\237\162\141\040  
\105\102\107\040\102\151\154\151\305\237\151\155\040\124\145\153  
\156\157\154\157\152\151\154\145\162\151\040\166\145\040\110\151  
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\061\046  
\060\044\006\003\125\004\013\014\035\105\055\124\165\147\162\141  
\040\123\145\162\164\151\146\151\153\141\163\171\157\156\040\115  
\145\162\153\145\172\151\061\050\060\046\006\003\125\004\003\014  
\037\105\055\124\165\147\162\141\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\342\365\077\223\005\121\036\205\142\124\136\172\013\365\030  
\007\203\256\176\257\174\367\324\212\153\245\143\103\071\271\113  
\367\303\306\144\211\075\224\056\124\200\122\071\071\007\113\113  
\335\205\007\166\207\314\277\057\225\114\314\175\247\075\274\107  
\017\230\160\370\214\205\036\164\216\222\155\033\100\321\231\015  
\273\165\156\310\251\153\232\300\204\061\257\312\103\313\353\053  
\064\350\217\227\153\001\233\325\016\112\010\252\133\222\164\205  
\103\323\200\256\241\210\133\256\263\352\136\313\026\232\167\104  
\310\241\366\124\150\316\336\217\227\053\272\133\100\002\014\144  
\027\300\265\223\315\341\361\023\146\316\014\171\357\321\221\050  
\253\137\240\022\122\060\163\031\216\217\341\214\007\242\303\273  
\112\360\352\037\025\250\356\045\314\244\106\370\033\042\357\263  
\016\103\272\054\044\270\305\054\134\324\034\370\135\144\275\303  
\223\136\050\247\077\047\361\216\036\323\052\120\005\243\125\331  
\313\347\071\123\300\230\236\214\124\142\213\046\260\367\175\215  
\174\344\306\236\146\102\125\202\107\347\262\130\215\146\367\007  
\174\056\066\346\120\034\077\333\103\044\305\277\206\107\171\263  
\171\034\367\132\364\023\354\154\370\077\342\131\037\225\356\102

\076\271\255\250\062\205\111\227\106\376\113\061\217\132\313\255  
\164\107\037\351\221\267\337\050\004\042\240\324\017\135\342\171  
\117\352\154\205\206\275\250\246\316\344\372\303\341\263\256\336  
\074\121\356\313\023\174\001\177\204\016\135\121\224\236\023\014  
\266\056\245\114\371\071\160\066\157\226\312\056\014\104\125\305  
\312\372\135\002\243\337\326\144\214\132\263\001\012\251\265\012  
\107\027\377\357\221\100\052\216\241\106\072\061\230\345\021\374  
\314\273\111\126\212\374\271\320\141\232\157\145\154\346\303\313  
\076\165\111\376\217\247\342\211\305\147\327\235\106\023\116\061  
\166\073\044\263\236\021\145\206\253\177\357\035\324\370\274\347  
\254\132\134\267\132\107\134\125\316\125\264\042\161\133\133\013  
\360\317\334\240\141\144\352\251\327\150\012\143\247\340\015\077  
\240\257\323\252\322\176\357\121\240\346\121\053\125\222\025\027  
\123\313\267\146\016\146\114\370\371\165\114\220\347\022\160\307  
\105\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035  
\016\004\026\004\024\056\343\333\262\111\320\234\124\171\134\372  
\047\052\376\314\116\322\350\116\124\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035  
\043\004\030\060\026\200\024\056\343\333\262\111\320\234\124\171  
\134\372\047\052\376\314\116\322\350\116\124\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\005  
\067\072\364\115\267\105\342\105\165\044\217\266\167\122\350\034  
\330\020\223\145\363\362\131\006\244\076\036\051\354\135\321\320  
\253\174\340\012\220\110\170\355\116\230\003\231\376\050\140\221  
\035\060\035\270\143\174\250\346\065\265\372\323\141\166\346\326  
\007\113\312\151\232\262\204\172\167\223\105\027\025\237\044\320  
\230\023\022\377\273\240\056\375\116\114\207\370\316\134\252\230  
\033\005\340\000\106\112\202\200\245\063\213\050\334\355\070\323  
\337\345\076\351\376\373\131\335\141\204\117\322\124\226\023\141  
\023\076\217\200\151\276\223\107\265\065\103\322\132\273\075\134  
\357\263\102\107\315\073\125\023\006\260\011\333\375\143\366\072  
\210\012\231\157\176\341\316\033\123\152\104\146\043\121\010\173  
\274\133\122\242\375\006\067\070\100\141\217\112\226\270\220\067  
\370\146\307\170\220\000\025\056\213\255\121\065\123\007\250\153  
\150\256\371\116\074\007\046\315\010\005\160\314\071\077\166\275  
\245\323\147\046\001\206\246\123\322\140\073\174\103\177\125\212  
\274\225\032\301\050\071\114\037\103\322\221\364\162\131\212\271  
\126\374\077\264\235\332\160\234\166\132\214\103\120\356\216\060  
\162\115\337\377\111\367\306\251\147\331\155\254\002\021\342\072  
\026\045\247\130\010\313\157\123\101\234\110\070\107\150\063\321  
\327\307\217\324\164\041\324\303\005\220\172\377\316\226\210\261  
\025\051\135\043\253\320\140\241\022\117\336\364\027\315\062\345  
\311\277\310\103\255\375\056\216\361\257\342\364\230\372\022\037  
\040\330\300\247\014\205\305\220\364\073\055\226\046\261\054\276  
\114\253\353\261\322\212\311\333\170\023\017\036\011\235\155\217  
\000\237\002\332\301\372\037\172\172\011\304\112\346\210\052\227  
\237\211\213\375\067\137\137\072\316\070\131\206\113\257\161\013

```
\264\330\362\160\117\237\062\023\343\260\247\127\345\332\332\103
\313\204\064\362\050\304\352\155\364\052\357\301\153\166\332\373
\176\273\205\074\322\123\302\115\276\161\341\105\321\375\043\147
\015\023\165\373\317\145\147\042\235\256\260\011\321\011\377\035
\064\277\376\043\227\067\322\071\372\075\015\006\013\264\333\073
\243\253\157\134\035\266\176\350\263\202\064\355\006\134\044
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "E-Tugra Certification Authority"
```

```
# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR
```

```
# Serial Number:6a:68:3e:9c:51:9b:cb:53
```

```
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR
```

```
# Not Valid Before: Tue Mar 05 12:09:48 2013
```

```
# Not Valid After : Fri Mar 03 12:09:48 2023
```

```
# Fingerprint (MD5): B8:A1:03:63:B0:BD:21:71:70:8A:6F:13:3A:BB:79:49
```

```
# Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "E-Tugra Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\121\306\347\010\111\006\156\363\222\324\134\240\015\155\243\142
\217\303\122\071
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\270\241\003\143\260\275\041\161\160\212\157\023\072\273\171\111
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

\002\010\152\150\076\234\121\233\313\123

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "T-TeleSec GlobalRoot Class 2"

#

# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services  
GmbH,C=DE

# Serial Number: 1 (0x1)

# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services  
GmbH,C=DE

# Not Valid Before: Wed Oct 01 10:40:14 2008

# Not Valid After : Sat Oct 01 23:59:59 2033

# Fingerprint (MD5): 2B:9B:9E:E4:7B:6C:1F:00:72:1A:CC:C1:77:79:DF:6A

# Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164  
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123  
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035  
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060  
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145  
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141  
\163\163\040\062\060\036\027\015\060\070\061\060\060\061\061\060  
\064\060\061\064\132\027\015\063\063\061\060\060\061\062\063\065  
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124  
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162  
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142  
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171  
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164  
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124  
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157  
\164\040\103\154\141\163\163\040\062\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\252\137\332\033\137\350  
\163\221\345\332\134\364\242\346\107\345\363\150\125\140\005\035  
\002\244\263\233\131\363\036\212\257\064\255\374\015\302\331\110  
\031\356\151\217\311\040\374\041\252\007\031\355\260\134\254\145  
\307\137\355\002\174\173\174\055\033\326\272\271\200\302\030\202  
\026\204\372\146\260\010\306\124\043\201\344\315\271\111\077\366  
\117\156\067\110\050\070\017\305\276\347\150\160\375\071\227\115  
\322\307\230\221\120\252\304\104\263\043\175\071\107\351\122\142  
\326\022\223\136\267\061\226\102\005\373\166\247\036\243\365\302  
\374\351\172\305\154\251\161\117\352\313\170\274\140\257\307\336  
\364\331\313\276\176\063\245\156\224\203\360\064\372\041\253\352  
\216\162\240\077\244\336\060\133\357\206\115\152\225\133\103\104  
\250\020\025\034\345\001\127\305\230\361\346\006\050\221\252\040  
\305\267\123\046\121\103\262\013\021\225\130\341\300\017\166\331  
\300\215\174\201\363\162\160\236\157\376\032\216\331\137\065\306  
\262\157\064\174\276\110\117\342\132\071\327\330\235\170\236\237  
\206\076\003\136\031\213\104\242\325\307\002\003\001\000\001\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\277  
\131\040\066\000\171\240\240\042\153\214\325\362\141\322\270\054  
\313\202\112\060\015\006\011\052\206\110\206\367\015\001\001\013

```
\005\000\003\202\001\001\000\061\003\242\141\013\037\164\350\162
\066\306\155\371\115\236\372\042\250\341\201\126\317\315\273\237
\352\253\221\031\070\257\252\174\025\115\363\266\243\215\245\364
\216\366\104\251\247\350\041\225\255\076\000\142\026\210\360\002
\272\374\141\043\346\063\233\060\172\153\066\142\173\255\004\043
\204\130\145\342\333\053\212\347\045\123\067\142\123\137\274\332
\001\142\051\242\246\047\161\346\072\042\176\301\157\035\225\160
\040\112\007\064\337\352\377\025\200\345\272\327\172\330\133\165
\174\005\172\051\107\176\100\250\061\023\167\315\100\073\264\121
\107\172\056\021\343\107\021\336\235\146\320\213\325\124\146\372
\203\125\352\174\302\051\211\033\351\157\263\316\342\005\204\311
\057\076\170\205\142\156\311\137\301\170\143\164\130\300\110\030
\014\231\071\353\244\314\032\265\171\132\215\025\234\330\024\015
\366\172\007\127\307\042\203\005\055\074\233\045\046\075\030\263
\251\103\174\310\310\253\144\217\016\243\277\234\033\235\060\333
\332\320\031\056\252\074\361\373\063\200\166\344\315\255\031\117
\005\047\216\023\241\156\302
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "T-TeleSec GlobalRoot Class 2"
```

```
# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
```

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
```

```
# Not Valid Before: Wed Oct 01 10:40:14 2008
```

```
# Not Valid After : Sat Oct 01 23:59:59 2033
```

```
# Fingerprint (MD5): 2B:9B:9E:E4:7B:6C:1F:00:72:1A:CC:C1:77:79:DF:6A
```

```
# Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\131\015\055\175\210\117\100\056\141\176\245\142\062\027\145\317
\027\330\224\351
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\053\233\236\344\173\154\037\000\162\032\314\301\167\171\337\152
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
```

```
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\001
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Atos TrustedRoot 2011"

#

# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Serial Number:5c:33:cb:62:2c:5f:b3:32

# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Not Valid Before: Thu Jul 07 14:58:30 2011

# Not Valid After : Tue Dec 31 23:59:59 2030

# Fingerprint (MD5): AE:B9:C4:32:4B:AC:7F:5D:66:CC:77:94:BB:2A:77:56

# Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Atos TrustedRoot 2011"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\010\134\063\313\142\054\137\263\062
```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\167\060\202\002\137\240\003\002\001\002\002\010\134  
\063\313\142\054\137\263\062\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\074\061\036\060\034\006\003\125\004  
\003\014\025\101\164\157\163\040\124\162\165\163\164\145\144\122  
\157\157\164\040\062\060\061\061\061\015\060\013\006\003\125\004  
\012\014\004\101\164\157\163\061\013\060\011\006\003\125\004\006  
\023\002\104\105\060\036\027\015\061\061\060\067\060\067\061\064  
\065\070\063\060\132\027\015\063\060\061\062\063\061\062\063\065  
\071\065\071\132\060\074\061\036\060\034\006\003\125\004\003\014  
\025\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157  
\164\040\062\060\061\061\061\015\060\013\006\003\125\004\012\014  
\004\101\164\157\163\061\013\060\011\006\003\125\004\006\023\002  
\104\105\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\225\205\073\227\157\052\073\056\073\317\246\363\051  
\065\276\317\030\254\076\252\331\370\115\240\076\032\107\271\274  
\232\337\362\376\314\076\107\350\172\226\302\044\216\065\364\251  
\014\374\202\375\155\301\162\142\047\275\352\153\353\347\212\314  
\124\076\220\120\317\200\324\225\373\350\265\202\324\024\305\266  
\251\125\045\127\333\261\120\366\260\140\144\131\172\151\317\003  
\267\157\015\276\312\076\157\164\162\352\252\060\052\163\142\276  
\111\221\141\310\021\376\016\003\052\367\152\040\334\002\025\015  
\136\025\152\374\343\202\301\265\305\235\144\011\154\243\131\230  
\007\047\307\033\226\053\141\164\161\154\103\361\367\065\211\020  
\340\236\354\125\241\067\042\242\207\004\005\054\107\175\264\034  
\271\142\051\146\050\312\267\341\223\365\244\224\003\231\271\160  
\205\265\346\110\352\215\120\374\331\336\314\157\007\016\335\013  
\162\235\200\060\026\007\225\077\050\016\375\305\165\117\123\326  
\164\232\264\044\056\216\002\221\317\166\305\233\036\125\164\234  
\170\041\261\360\055\361\013\237\302\325\226\030\037\360\124\042  
\172\214\007\002\003\001\000\001\243\175\060\173\060\035\006\003  
\125\035\016\004\026\004\024\247\245\006\261\054\246\011\140\356  
\321\227\351\160\256\274\073\031\154\333\041\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003  
\125\035\043\004\030\060\026\200\024\247\245\006\261\054\246\011  
\140\356\321\227\351\160\256\274\073\031\154\333\041\060\030\006  
\003\125\035\040\004\021\060\017\060\015\006\013\053\006\001\004  
\001\260\055\003\004\001\001\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\001\001\000\046\167\064\333\224  
\110\206\052\101\235\054\076\006\220\140\304\214\254\013\124\270  
\037\271\173\323\007\071\344\372\076\173\262\075\116\355\237\043  
\275\227\363\153\134\357\356\375\100\246\337\241\223\241\012\206  
\254\357\040\320\171\001\275\170\367\031\330\044\061\064\004\001  
\246\272\025\232\303\047\334\330\117\017\314\030\143\377\231\017  
\016\221\153\165\026\341\041\374\330\046\307\107\267\246\317\130  
\162\161\176\272\341\115\225\107\073\311\257\155\241\264\301\354  
\211\366\264\017\070\265\342\144\334\045\317\246\333\353\232\134



```
\231\241\305\010\336\375\346\332\325\326\132\105\014\304\267\302
\265\024\357\264\021\377\016\025\265\365\365\333\306\275\353\132
\247\360\126\042\251\074\145\124\306\025\250\275\206\236\315\203
\226\150\172\161\201\211\341\013\341\352\021\033\150\010\314\151
\236\354\236\101\236\104\062\046\172\342\207\012\161\075\353\344
\132\244\322\333\305\315\306\336\140\177\271\363\117\104\222\357
\052\267\030\076\247\031\331\013\175\261\067\101\102\260\272\140
\035\362\376\011\021\260\360\207\173\247\235
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Atos TrustedRoot 2011"
```

```
# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
```

```
# Serial Number:5c:33:cb:62:2c:5f:b3:32
```

```
# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011
```

```
# Not Valid Before: Thu Jul 07 14:58:30 2011
```

```
# Not Valid After : Tue Dec 31 23:59:59 2030
```

```
# Fingerprint (MD5): AE:B9:C4:32:4B:AC:7F:5D:66:CC:77:94:BB:2A:77:56
```

```
# Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Atos TrustedRoot 2011"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\053\261\365\076\125\014\035\305\361\324\346\267\152\106\113\125
\006\002\254\041
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\256\271\304\062\113\254\177\135\146\314\167\224\273\052\167\126
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\010\134\063\313\142\054\137\263\062
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "QuoVadis Root CA 1 G3"
#
# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93
# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 17:27:44 2012
# Not Valid After : Sun Jan 12 17:27:44 2042
# Fingerprint (SHA-256):
8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74
# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\170
\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226
\324\145\223\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\061\040\107\063\060\036\027\015
\061\062\060\061\061\062\061\067\062\067\064\064\132\027\015\064
\062\060\061\061\062\061\067\062\067\064\064\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
```

\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023  
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\061\040\107\063\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\240\276\120\020\216\351\362\154\100  
\264\004\234\205\271\061\312\334\055\344\021\251\004\074\033\125  
\301\347\130\060\035\044\264\303\357\205\336\214\054\341\301\075  
\337\202\346\117\255\107\207\154\354\133\111\301\112\325\273\217  
\354\207\254\177\202\232\206\354\075\003\231\122\001\322\065\236  
\254\332\360\123\311\146\074\324\254\002\001\332\044\323\073\250  
\002\106\257\244\034\343\370\163\130\166\267\366\016\220\015\265  
\360\317\314\372\371\306\114\345\303\206\060\012\215\027\176\065  
\353\305\337\273\016\234\300\215\207\343\210\070\205\147\372\076  
\307\253\340\023\234\005\030\230\317\223\365\261\222\264\374\043  
\323\317\325\304\047\111\340\236\074\233\010\243\213\135\052\041  
\340\374\071\252\123\332\175\176\317\032\011\123\274\135\005\004  
\317\241\112\217\213\166\202\015\241\370\322\307\024\167\133\220  
\066\007\201\233\076\006\372\122\136\143\305\246\000\376\245\351  
\122\033\122\265\222\071\162\003\011\142\275\260\140\026\156\246  
\335\045\302\003\146\335\363\004\321\100\342\116\213\206\364\157  
\345\203\240\047\204\136\004\301\365\220\275\060\075\304\357\250  
\151\274\070\233\244\244\226\321\142\332\151\300\001\226\256\313  
\304\121\064\352\014\252\377\041\216\131\217\112\134\344\141\232  
\247\322\351\052\170\215\121\075\072\025\356\242\131\216\251\134  
\336\305\371\220\042\345\210\105\161\335\221\231\154\172\237\075  
\075\230\174\136\366\276\026\150\240\136\256\013\043\374\132\017  
\252\042\166\055\311\241\020\035\344\323\104\043\220\210\237\306  
\052\346\327\365\232\263\130\036\057\060\211\010\033\124\242\265  
\230\043\354\010\167\034\225\135\141\321\313\211\234\137\242\112  
\221\232\357\041\252\111\026\010\250\275\141\050\061\311\164\255  
\205\366\331\305\261\213\321\345\020\062\115\137\213\040\072\074  
\111\037\063\205\131\015\333\313\011\165\103\151\163\373\153\161  
\175\360\337\304\114\175\306\243\056\310\225\171\313\163\242\216  
\116\115\044\373\136\344\004\276\162\033\246\047\055\111\132\231  
\172\327\134\011\040\267\177\224\271\117\361\015\034\136\210\102  
\033\021\267\347\221\333\236\154\364\152\337\214\006\230\003\255  
\314\050\357\245\107\363\123\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\243\227\326\363  
\136\242\020\341\253\105\237\074\027\144\074\356\001\160\234\314  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\030\372\133\165\374\076\172\307\137\167\307\312  
\337\317\137\303\022\304\100\135\324\062\252\270\152\327\325\025  
\025\106\230\043\245\346\220\133\030\231\114\343\255\102\243\202  
\061\066\210\315\351\373\304\004\226\110\213\001\307\215\001\317  
\133\063\006\226\106\146\164\035\117\355\301\266\271\264\015\141  
\314\143\176\327\056\167\214\226\034\052\043\150\153\205\127\166

\160\063\023\376\341\117\246\043\167\030\372\032\214\350\275\145  
\311\317\077\364\311\027\334\353\307\274\300\004\056\055\106\057  
\151\146\303\033\217\376\354\076\323\312\224\277\166\012\045\015  
\251\173\002\034\251\320\073\137\013\300\201\072\075\144\341\277  
\247\055\116\275\115\304\330\051\306\042\030\320\305\254\162\002  
\202\077\252\072\242\072\042\227\061\335\010\143\303\165\024\271  
\140\050\055\133\150\340\026\251\146\202\043\121\365\353\123\330  
\061\233\173\351\267\235\113\353\210\026\317\371\135\070\212\111  
\060\217\355\361\353\031\364\167\032\061\030\115\147\124\154\057  
\157\145\371\333\075\354\041\354\136\364\364\213\312\140\145\124  
\321\161\144\364\371\246\243\201\063\066\063\161\360\244\170\137  
\116\255\203\041\336\064\111\215\350\131\254\235\362\166\132\066  
\362\023\364\257\340\011\307\141\052\154\367\340\235\256\273\206  
\112\050\157\056\356\264\171\315\220\063\303\263\166\372\365\360  
\154\235\001\220\372\236\220\366\234\162\317\107\332\303\037\344  
\065\040\123\362\124\321\337\141\203\246\002\342\045\070\336\205  
\062\055\136\163\220\122\135\102\304\316\075\113\341\371\031\204  
\035\325\242\120\314\101\373\101\024\303\275\326\311\132\243\143  
\146\002\200\275\005\072\073\107\234\354\000\046\114\365\210\121  
\277\250\043\177\030\007\260\013\355\213\046\241\144\323\141\112  
\353\134\237\336\263\257\147\003\263\037\335\155\135\151\150\151  
\253\136\072\354\174\151\274\307\073\205\116\236\025\271\264\025  
\117\303\225\172\130\327\311\154\351\154\271\363\051\143\136\264  
\054\360\055\075\355\132\145\340\251\133\100\302\110\231\201\155  
\236\037\006\052\074\022\264\213\017\233\242\044\360\246\215\326  
\172\340\113\266\144\226\143\225\204\302\112\315\034\056\044\207  
\063\140\345\303

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "QuoVadis Root CA 1 G3"

# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93

# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

# Not Valid Before: Thu Jan 12 17:27:44 2012

# Not Valid After : Sun Jan 12 17:27:44 2042

# Fingerprint (SHA-256):

8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74

# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "QuoVadis Root CA 1 G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\033\216\352\127\226\051\032\311\071\352\270\012\201\032\163\163

```

\300\223\171\147
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\244\274\133\077\376\067\232\372\144\360\342\372\005\075\013\253
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 2 G3"
#
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 18:59:32 2012
# Not Valid After : Sun Jan 12 18:59:32 2042
# Fingerprint (SHA-256):
8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40
# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061

```

\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003  
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\062\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073  
\133\247\046\360\165\050

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\104  
\127\064\044\133\201\211\233\065\362\316\270\053\073\133\247\046  
\360\165\050\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034  
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\062\040\107\063\060\036\027\015  
\061\062\060\061\061\062\061\070\065\071\063\062\132\027\015\064  
\062\060\061\061\062\061\070\065\071\063\062\132\060\110\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023  
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\062\040\107\063\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\241\256\045\262\001\030\334\127\210  
\077\106\353\371\257\342\353\043\161\342\232\321\141\146\041\137  
\252\257\047\121\345\156\033\026\324\055\175\120\260\123\167\275  
\170\072\140\342\144\002\233\174\206\233\326\032\216\255\377\037  
\025\177\325\225\036\022\313\346\024\204\004\301\337\066\263\026  
\237\212\343\311\333\230\064\316\330\063\027\050\106\374\247\311  
\360\322\264\325\115\011\162\111\371\362\207\343\251\332\175\241  
\175\153\262\072\045\251\155\122\104\254\370\276\156\373\334\246  
\163\221\220\141\246\003\024\040\362\347\207\243\210\255\255\240  
\214\377\246\013\045\122\045\347\026\001\325\313\270\065\201\014  
\243\073\360\341\341\374\132\135\316\200\161\155\370\111\253\076  
\073\272\270\327\200\001\373\245\353\133\263\305\136\140\052\061  
\240\257\067\350\040\072\237\250\062\054\014\314\011\035\323\236  
\216\135\274\114\230\356\305\032\150\173\354\123\246\351\024\065  
\243\337\315\200\237\014\110\373\034\364\361\277\112\270\372\325  
\214\161\112\307\037\255\376\101\232\263\203\135\362\204\126\357  
\245\127\103\316\051\255\214\253\125\277\304\373\133\001\335\043  
\041\241\130\000\216\303\320\152\023\355\023\343\022\053\200\334  
\147\346\225\262\315\036\042\156\052\370\101\324\362\312\024\007  
\215\212\125\022\306\151\365\270\206\150\057\123\136\260\322\252  
\041\301\230\346\060\343\147\125\307\233\156\254\031\250\125\246  
\105\006\320\043\072\333\353\145\135\052\021\021\360\073\117\312

|155\364\064\304\161\344\377\000\132\366\134\256\043\140\205\163  
|361\344\020\261\045\256\325\222\273\023\301\014\340\071\332\264  
|071\127\265\253\065\252\162\041\073\203\065\347\061\337\172\041  
|156\270\062\010\175\035\062\221\025\112\142\162\317\343\167\241  
|274\325\021\033\166\001\147\010\340\101\013\303\353\025\156\370  
|244\031\331\242\253\257\342\047\122\126\053\002\212\054\024\044  
|371\277\102\002\277\046\310\306\217\340\156\070\175\123\055\345  
|355\230\263\225\143\150\177\371\065\364\337\210\305\140\065\222  
|300\174\151\034\141\225\026\320\353\336\013\257\076\004\020\105  
|145\130\120\070\257\110\362\131\266\026\362\074\015\220\002\306  
|160\056\001\255\074\025\327\002\003\001\000\001\243\102\060\100  
|060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
|377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
|006\060\035\006\003\125\035\016\004\026\004\024\355\347\157\166  
|132\277\140\354\111\133\306\245\167\273\162\026\161\233\304\075  
|060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
|202\002\001\000\221\337\200\077\103\011\176\161\302\367\353\263  
|210\217\341\121\262\274\075\165\371\050\135\310\274\231\233\173  
|135\252\345\312\341\012\367\350\262\323\237\335\147\061\176\272  
|001\252\307\152\101\073\220\324\010\134\262\140\152\220\360\310  
|316\003\142\371\213\355\373\156\052\334\006\115\074\051\017\211  
|026\212\130\114\110\017\350\204\141\352\074\162\246\167\344\102  
|256\210\243\103\130\171\176\256\312\245\123\015\251\075\160\275  
|040\031\141\244\154\070\374\103\062\341\301\107\377\370\354\361  
|021\042\062\226\234\302\366\133\151\226\173\040\014\103\101\232  
|133\366\131\031\210\336\125\210\067\121\013\170\134\012\036\243  
|102\375\307\235\210\017\300\362\170\002\044\124\223\257\211\207  
|210\311\112\200\035\352\320\156\076\141\056\066\273\065\016\047  
|226\375\146\064\073\141\162\163\361\026\134\107\006\124\111\000  
|172\130\022\260\012\357\205\375\261\270\063\165\152\223\034\022  
|346\140\136\157\035\177\311\037\043\313\204\141\237\036\202\104  
|371\137\255\142\125\044\232\122\230\355\121\347\241\176\227\072  
|346\057\037\021\332\123\200\054\205\236\253\065\020\333\042\137  
|152\305\136\227\123\362\062\002\011\060\243\130\360\015\001\325  
|162\306\261\174\151\173\303\365\066\105\314\141\156\136\114\224  
|305\136\256\350\016\136\213\277\367\315\340\355\241\016\033\063  
|356\124\030\376\017\276\357\176\204\153\103\343\160\230\333\135  
|165\262\015\131\007\205\025\043\071\326\361\337\251\046\017\326  
|110\307\263\246\042\365\063\067\132\225\107\237\173\272\030\025  
|157\377\326\024\144\203\111\322\012\147\041\333\017\065\143\140  
|050\042\343\261\225\203\315\205\246\335\057\017\347\147\122\156  
|273\057\205\174\365\112\163\347\305\076\300\275\041\022\005\077  
|374\267\003\111\002\133\310\045\346\342\124\070\365\171\207\214  
|035\123\262\116\205\173\006\070\307\054\370\370\260\162\215\045  
|345\167\122\364\003\034\110\246\120\137\210\040\060\156\362\202  
|103\253\075\227\204\347\123\373\041\301\117\017\042\232\206\270  
|131\052\366\107\075\031\210\055\350\205\341\236\354\205\010\152  
|261\154\064\311\035\354\110\053\073\170\355\146\304\216\171\151

```
\203\336\177\214
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "QuoVadis Root CA 2 G3"
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 18:59:32 2012
# Not Valid After : Sun Jan 12 18:59:32 2042
# Fingerprint (SHA-256):
8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40
# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\011\074\141\363\213\213\334\175\125\337\165\070\002\005\000\341
\045\365\310\066
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\257\014\206\156\277\100\055\177\013\076\022\120\272\022\075\006
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073
\133\247\046\360\165\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3 G3"
#
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
```



```
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 20:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint (SHA-256):
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\056
\365\233\002\050\247\333\172\377\325\243\251\356\275\003\240\317
\022\152\035\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\063\040\107\063\060\036\027\015
\061\062\060\061\061\062\062\060\062\066\063\062\132\027\015\064
\062\060\061\061\062\062\060\062\066\063\062\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\063\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
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\002\012\002\202\002\001\000\263\313\016\020\147\216\352\024\227  
\247\062\052\012\126\066\177\150\114\307\263\157\072\043\024\221  
\377\031\177\245\312\254\356\263\166\235\172\351\213\033\253\153  
\061\333\372\013\123\114\257\305\245\032\171\074\212\114\377\254  
\337\045\336\116\331\202\062\013\104\336\312\333\214\254\243\156  
\026\203\073\246\144\113\062\211\373\026\026\070\176\353\103\342  
\323\164\112\302\142\012\163\012\335\111\263\127\322\260\012\205  
\235\161\074\336\243\313\300\062\363\001\071\040\103\033\065\321  
\123\263\261\356\305\223\151\202\076\026\265\050\106\241\336\352  
\211\011\355\103\270\005\106\212\206\365\131\107\276\033\157\001  
\041\020\271\375\251\322\050\312\020\071\011\312\023\066\317\234  
\255\255\100\164\171\053\002\077\064\377\372\040\151\175\323\356  
\141\365\272\263\347\060\320\067\043\206\162\141\105\051\110\131  
\150\157\167\246\056\201\276\007\115\157\257\316\304\105\023\221  
\024\160\006\217\037\237\370\207\151\261\016\357\303\211\031\353  
\352\034\141\374\172\154\212\334\326\003\013\236\046\272\022\335  
\324\124\071\253\046\243\063\352\165\201\332\055\315\017\117\344  
\003\321\357\025\227\033\153\220\305\002\220\223\146\002\041\261  
\107\336\213\232\112\200\271\125\217\265\242\057\300\326\063\147  
\332\176\304\247\264\004\104\353\107\373\346\130\271\367\014\360  
\173\053\261\300\160\051\303\100\142\055\073\110\151\334\043\074  
\110\353\173\011\171\251\155\332\250\060\230\317\200\162\003\210  
\246\133\106\256\162\171\174\010\003\041\145\256\267\341\034\245  
\261\052\242\061\336\146\004\367\300\164\350\161\336\377\075\131  
\314\226\046\022\213\205\225\127\032\253\153\165\013\104\075\021  
\050\074\173\141\267\342\217\147\117\345\354\074\114\140\200\151  
\127\070\036\001\133\215\125\350\307\337\300\314\167\043\064\111  
\165\174\366\230\021\353\055\336\355\101\056\024\005\002\177\340  
\376\040\353\065\347\021\254\042\316\127\075\336\311\060\155\020  
\003\205\315\361\377\214\026\265\301\262\076\210\154\140\177\220  
\117\225\367\366\055\255\001\071\007\004\372\165\200\175\277\111  
\120\355\357\311\304\174\034\353\200\176\333\266\320\335\023\376  
\311\323\234\327\262\227\251\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\306\027\320\274  
\250\352\002\103\362\033\006\231\135\053\220\040\271\327\234\344  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\064\141\331\126\265\022\207\125\115\335\243\065  
\061\106\273\244\007\162\274\137\141\142\350\245\373\013\067\261  
\074\266\263\372\051\235\177\002\365\244\311\250\223\267\172\161  
\050\151\217\163\341\122\220\332\325\276\072\345\267\166\152\126  
\200\041\337\135\346\351\072\236\345\076\366\242\151\307\052\012  
\260\030\107\334\040\160\175\122\243\076\131\174\301\272\311\310  
\025\100\141\312\162\326\160\254\322\267\360\034\344\206\051\360  
\316\357\150\143\320\265\040\212\025\141\232\176\206\230\264\311  
\302\166\373\314\272\060\026\314\243\141\306\164\023\345\153\357  
\243\025\352\003\376\023\213\144\344\323\301\322\350\204\373\111

```
\321\020\115\171\146\353\252\375\364\215\061\036\160\024\255\334
\336\147\023\114\201\025\141\274\267\331\221\167\161\031\201\140
\273\360\130\245\265\234\013\367\217\042\125\047\300\113\001\155
\073\231\015\324\035\233\143\147\057\320\356\015\312\146\274\224
\117\246\255\355\374\356\143\254\127\077\145\045\317\262\206\217
\320\010\377\270\166\024\156\336\345\047\354\253\170\265\123\271
\266\077\350\040\371\322\250\276\141\106\312\207\214\204\363\371
\361\240\150\233\042\036\201\046\233\020\004\221\161\300\006\037
\334\240\323\271\126\247\343\230\055\177\203\235\337\214\053\234
\062\216\062\224\360\001\074\042\052\237\103\302\056\303\230\071
\007\070\173\374\136\000\102\037\363\062\046\171\203\204\366\345
\360\301\121\022\300\013\036\004\043\014\124\245\114\057\111\305
\112\321\266\156\140\015\153\374\153\213\205\044\144\267\211\016
\253\045\107\133\074\317\176\111\275\307\351\012\306\332\367\176
\016\027\010\323\110\227\320\161\222\360\017\071\076\064\152\034
\175\330\362\042\256\273\151\364\063\264\246\110\125\321\017\016
\046\350\354\266\013\055\247\205\065\315\375\131\310\237\321\315
\076\132\051\064\271\075\204\316\261\145\324\131\221\221\126\165
\041\301\167\236\371\172\341\140\235\323\255\004\030\364\174\353
\136\223\217\123\112\042\051\370\110\053\076\115\206\254\133\177
\313\006\231\131\140\330\130\145\225\215\104\321\367\177\176\047
\177\175\256\200\365\007\114\266\076\234\161\124\231\004\113\375
\130\371\230\364
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "QuoVadis Root CA 3 G3"
```

```
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
```

```
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
```

```
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
```

```
# Not Valid Before: Thu Jan 12 20:26:32 2012
```

```
# Not Valid After : Sun Jan 12 20:26:32 2042
```

```
# Fingerprint (SHA-256):
```

```
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
```

```
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\110\022\275\222\074\250\304\071\006\347\060\155\047\226\346\244
\317\042\056\175
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\337\175\271\255\124\157\150\241\337\211\127\003\227\103\260\327
```

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root G2"
#
# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85
# Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023

```

\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232  
\364\113

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\226\060\202\002\176\240\003\002\001\002\002\020\013  
\223\034\072\326\071\147\352\147\043\277\303\257\232\364\113\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\145  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145  
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157  
\157\164\040\107\062\060\036\027\015\061\063\060\070\060\061\061  
\062\060\060\060\060\132\027\015\063\070\060\061\061\065\061\062  
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104  
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006  
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145  
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023  
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145  
\144\040\111\104\040\122\157\157\164\040\107\062\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\331\347\050  
\057\122\077\066\162\111\210\223\064\363\370\152\036\061\124\200  
\237\255\124\101\265\107\337\226\250\324\257\200\055\271\012\317  
\165\375\211\245\175\044\372\343\042\014\053\274\225\027\013\063  
\277\031\115\101\006\220\000\275\014\115\020\376\007\265\347\034  
\156\042\125\061\145\227\275\323\027\322\036\142\363\333\352\154  
\120\214\077\204\014\226\317\267\313\003\340\312\155\241\024\114  
\033\211\335\355\000\260\122\174\257\221\154\261\070\023\321\351  
\022\010\300\000\260\034\053\021\332\167\160\066\233\256\316\171  
\207\334\202\160\346\011\164\160\125\151\257\243\150\237\277\335  
\266\171\263\362\235\160\051\125\364\253\377\225\141\363\311\100  
\157\035\321\276\223\273\323\210\052\273\235\277\162\132\126\161  
\073\077\324\363\321\012\376\050\357\243\356\331\231\257\003\323  
\217\140\267\362\222\241\261\275\211\211\037\060\315\303\246\056  
\142\063\256\026\002\167\104\132\347\201\012\074\247\104\056\171  
\270\077\004\274\134\240\207\341\033\257\121\216\315\354\054\372  
\370\376\155\360\072\174\252\213\344\147\225\061\215\002\003\001  
\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001

```
\377\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026
\004\024\316\303\112\271\231\125\362\270\333\140\277\251\176\275
\126\265\227\066\247\326\060\015\006\011\052\206\110\206\367\015
\001\001\013\005\000\003\202\001\001\000\312\245\125\214\343\310
\101\156\151\047\247\165\021\357\074\206\066\157\322\235\306\170
\070\035\151\226\242\222\151\056\070\154\233\175\004\324\211\245
\261\061\067\212\311\041\314\253\154\315\213\034\232\326\277\110
\322\062\146\301\212\300\363\057\072\357\300\343\324\221\206\321
\120\343\003\333\163\167\157\112\071\123\355\336\046\307\265\175
\257\053\102\321\165\142\343\112\053\002\307\120\113\340\151\342
\226\154\016\104\146\020\104\217\255\005\353\370\171\254\246\033
\350\067\064\235\123\311\141\252\242\122\257\112\160\026\206\302
\072\310\261\023\160\066\330\317\356\364\012\064\325\133\114\375
\007\234\242\272\331\001\162\134\363\115\301\335\016\261\034\015
\304\143\276\255\364\024\373\211\354\242\101\016\114\314\310\127
\100\320\156\003\252\315\014\216\211\231\231\154\360\074\060\257
\070\337\157\274\243\276\051\040\047\253\164\377\023\042\170\336
\227\122\125\036\203\265\124\040\003\356\256\300\117\126\336\067
\314\303\177\252\004\047\273\323\167\270\142\333\027\174\234\050
\042\023\163\154\317\046\365\212\051\347
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "DigiCert Assured ID Root G2"
```

```
# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b
```

```
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Thu Aug 01 12:00:00 2013
```

```
# Not Valid After : Fri Jan 15 12:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85
```

```
# Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Assured ID Root G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\241\113\110\331\103\356\012\016\100\220\117\074\340\244\300\221
```

```
\223\121\135\077
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\222\070\271\370\143\044\202\145\054\127\063\346\376\201\217\235
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232
\364\113
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert Assured ID Root G3"

#

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec

# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2

# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Assured ID Root G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
```

\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240  
\154\354

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\106\060\202\001\315\240\003\002\001\002\002\020\013  
\241\132\372\035\337\240\265\111\104\257\315\044\240\154\354\060  
\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003  
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156  
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056  
\144\151\147\151\143\145\162\164\056\143\157\155\061\044\060\042  
\006\003\125\004\003\023\033\104\151\147\151\103\145\162\164\040  
\101\163\163\165\162\145\144\040\111\104\040\122\157\157\164\040  
\107\063\060\036\027\015\061\063\060\070\060\061\061\062\060\060  
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060  
\060\132\060\145\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151  
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004  
\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056  
\143\157\155\061\044\060\042\006\003\125\004\003\023\033\104\151  
\147\151\103\145\162\164\040\101\163\163\165\162\145\144\040\111  
\104\040\122\157\157\164\040\107\063\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\031\347\274\254\104\145\355\315\270\077\130\373\215\261\127  
\251\104\055\005\025\362\357\013\377\020\164\237\265\142\122\137  
\146\176\037\345\334\033\105\171\013\314\306\123\012\235\215\135  
\002\331\251\131\336\002\132\366\225\052\016\215\070\112\212\111  
\306\274\306\003\070\007\137\125\332\176\011\156\342\177\136\320  
\105\040\017\131\166\020\326\240\044\360\055\336\066\362\154\051  
\071\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026\004  
\024\313\320\275\251\341\230\005\121\241\115\067\242\203\171\316  
\215\035\052\344\204\060\012\006\010\052\206\110\316\075\004\003  
\003\003\147\000\060\144\002\060\045\244\201\105\002\153\022\113  
\165\164\117\310\043\343\160\362\165\162\336\174\211\360\317\221  
\162\141\236\136\020\222\131\126\271\203\307\020\347\070\351\130  
\046\066\175\325\344\064\206\071\002\060\174\066\123\360\060\345  
\142\143\072\231\342\266\243\073\233\064\372\036\332\020\222\161  
\136\221\023\247\335\244\156\222\314\062\326\365\041\146\307\057  
\352\226\143\152\145\105\222\225\001\264

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE



CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Assured ID Root G3"

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec

# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2

# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Assured ID Root G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\365\027\242\117\232\110\306\311\370\242\000\046\237\334\017\110

\054\253\060\211

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\174\177\145\061\014\201\337\215\272\076\231\342\134\255\156\373

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145

\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023

\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157

\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151

\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040

\122\157\157\164\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240

\154\354

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert Global Root G2"

#

# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5

# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

```
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F
# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011
\372\345
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\216\060\202\002\166\240\003\002\001\002\002\020\003
\072\361\346\247\021\251\240\273\050\144\261\035\011\372\345\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107
\062\060\036\027\015\061\063\060\070\060\061\061\062\060\060\060
\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060\060
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103
```

\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013  
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143  
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147  
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157  
\164\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\273\067\315\064\334\173\153\311\262\150\220  
\255\112\165\377\106\272\041\012\010\215\365\031\124\311\373\210  
\333\363\256\362\072\211\221\074\172\346\253\006\032\153\317\254  
\055\350\136\011\044\104\272\142\232\176\326\243\250\176\340\124  
\165\040\005\254\120\267\234\143\032\154\060\334\332\037\031\261  
\327\036\336\375\327\340\313\224\203\067\256\354\037\103\116\335  
\173\054\322\275\056\245\057\344\251\270\255\072\324\231\244\266  
\045\351\233\153\000\140\222\140\377\117\041\111\030\367\147\220  
\253\141\006\234\217\362\272\351\264\351\222\062\153\265\363\127  
\350\135\033\315\214\035\253\225\004\225\111\363\065\055\226\343  
\111\155\335\167\343\373\111\113\264\254\125\007\251\217\225\263  
\264\043\273\114\155\105\360\366\251\262\225\060\264\375\114\125  
\214\047\112\127\024\174\202\235\315\163\222\323\026\112\006\014  
\214\120\321\217\036\011\276\027\241\346\041\312\375\203\345\020  
\274\203\245\012\304\147\050\366\163\024\024\075\106\166\303\207  
\024\211\041\064\115\257\017\105\014\246\111\241\272\273\234\305  
\261\063\203\051\205\002\003\001\000\001\243\102\060\100\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\035\006\003\125\035\016\004\026\004\024\116\042\124\040\030\225  
\346\343\156\346\017\372\372\271\022\355\006\027\217\071\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\140\147\050\224\157\016\110\143\353\061\335\352\147\030  
\325\211\175\074\305\213\112\177\351\276\333\053\027\337\260\137  
\163\167\052\062\023\071\201\147\102\204\043\362\105\147\065\354  
\210\277\370\217\260\141\014\064\244\256\040\114\204\306\333\370  
\065\341\166\331\337\246\102\273\307\104\010\206\177\066\164\044  
\132\332\154\015\024\131\065\275\362\111\335\266\037\311\263\015  
\107\052\075\231\057\273\134\273\265\324\040\341\231\137\123\106  
\025\333\150\233\360\363\060\325\076\061\342\215\204\236\343\212  
\332\332\226\076\065\023\245\137\360\371\160\120\160\107\101\021  
\127\031\116\300\217\256\006\304\225\023\027\057\033\045\237\165  
\362\261\216\231\241\157\023\261\101\161\376\210\052\310\117\020  
\040\125\327\363\024\105\345\340\104\364\352\207\225\062\223\016  
\376\123\106\372\054\235\377\213\042\271\113\331\011\105\244\336  
\244\270\232\130\335\033\175\122\237\216\131\103\210\201\244\236  
\046\325\157\255\335\015\306\067\175\355\003\222\033\345\167\137  
\166\356\074\215\304\135\126\133\242\331\146\156\263\065\067\345  
\062\266

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Global Root G2"

# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5

# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F

# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Global Root G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\337\074\044\371\277\326\146\166\033\046\200\163\376\006\321\314  
\215\117\202\244

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\344\246\212\310\124\254\122\102\106\012\375\162\110\033\052\104

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151  
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011  
\372\345

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert Global Root G3"

#

# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72

# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

```
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0
# Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\077\060\202\001\305\240\003\002\001\002\002\020\005
\125\126\274\362\136\244\065\065\303\244\017\325\253\105\162\060
\012\006\010\052\206\110\316\075\004\003\003\060\141\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056
\144\151\147\151\143\145\162\164\056\143\157\155\061\040\060\036
\006\003\125\004\003\023\027\104\151\147\151\103\145\162\164\040
\107\154\157\142\141\154\040\122\157\157\164\040\107\063\060\036
\027\015\061\063\060\070\060\061\061\062\060\060\060\060\132\027
\015\063\070\060\061\061\065\061\062\060\060\060\060\132\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167
```

```
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107
\063\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005
\053\201\004\000\042\003\142\000\004\335\247\331\273\212\270\013
\373\013\177\041\322\360\276\276\163\363\063\135\032\274\064\352
\336\306\233\274\320\225\366\360\314\320\013\272\141\133\121\106
\176\236\055\237\356\216\143\014\027\354\007\160\365\317\204\056
\100\203\234\350\077\101\155\073\255\323\244\024\131\066\170\235
\003\103\356\020\023\154\162\336\256\210\247\241\153\265\103\316
\147\334\043\377\003\034\243\342\076\243\102\060\100\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\035
\006\003\125\035\016\004\026\004\024\263\333\110\244\371\241\305
\330\256\066\101\314\021\143\151\142\051\274\113\306\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061
\000\255\274\362\154\077\022\112\321\055\071\303\012\011\227\163
\364\210\066\214\210\047\273\346\210\215\120\205\247\143\371\236
\062\336\146\223\017\361\314\261\011\217\335\154\253\372\153\177
\240\002\060\071\146\133\302\144\215\270\236\120\334\250\325\111
\242\355\307\334\321\111\177\027\001\270\310\206\217\116\214\210
\053\250\232\251\212\305\321\000\275\370\124\342\232\345\133\174
\263\047\027
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "DigiCert Global Root G3"
```

```
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72
```

```
# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Thu Aug 01 12:00:00 2013
```

```
# Not Valid After : Fri Jan 15 12:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0
```

```
# Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Global Root G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\176\004\336\211\152\076\146\155\000\346\207\323\077\372\331\073
\350\075\064\236
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\365\135\244\120\245\373\050\176\036\017\015\314\226\127\126\312
```

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151  
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253  
\105\162

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert Trusted Root G4"

#

# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c

# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88

# Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Trusted Root G4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151  
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157  
\164\040\107\064

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151  
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157  
\164\040\107\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167  
\165\134

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\220\060\202\003\170\240\003\002\001\002\002\020\005  
\233\033\127\236\216\041\062\342\071\007\275\247\167\165\134\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\142  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\041\060\037\006\003\125\004\003\023\030\104\151\147\151\103\145  
\162\164\040\124\162\165\163\164\145\144\040\122\157\157\164\040  
\107\064\060\036\027\015\061\063\060\070\060\061\061\062\060\060  
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060  
\060\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151  
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004  
\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056  
\143\157\155\061\041\060\037\006\003\125\004\003\023\030\104\151  
\147\151\103\145\162\164\040\124\162\165\163\164\145\144\040\122  
\157\157\164\040\107\064\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\277\346\220\163\150\336\273\344\135  
\112\074\060\042\060\151\063\354\302\247\045\056\311\041\075\362  
\212\330\131\302\341\051\247\075\130\253\166\232\315\256\173\033  
\204\015\304\060\037\363\033\244\070\026\353\126\306\227\155\035  
\253\262\171\362\312\021\322\344\137\326\005\074\122\017\122\037  
\306\236\025\245\176\276\237\251\127\026\131\125\162\257\150\223  
\160\302\262\272\165\231\152\163\062\224\321\020\104\020\056\337  
\202\363\007\204\346\164\073\155\161\342\055\014\033\356\040\325  
\311\040\035\143\051\055\316\354\136\116\310\223\370\041\141\233  
\064\353\005\306\136\354\133\032\274\353\311\317\315\254\064\100  
\137\261\172\146\356\167\310\110\250\146\127\127\237\124\130\216  
\014\053\267\117\247\060\331\126\356\312\173\135\343\255\311\117  
\136\345\065\347\061\313\332\223\136\334\216\217\200\332\266\221  
\230\100\220\171\303\170\307\266\261\304\265\152\030\070\003\020  
\215\330\324\067\244\056\005\175\210\365\202\076\020\221\160\253  
\125\202\101\062\327\333\004\163\052\156\221\001\174\041\114\324  
\274\256\033\003\165\135\170\146\331\072\061\104\232\063\100\277



\010\327\132\111\244\302\346\251\240\147\335\244\047\274\241\117  
\071\265\021\130\027\367\044\134\106\217\144\367\301\151\210\166  
\230\166\075\131\135\102\166\207\211\227\151\172\110\360\340\242  
\022\033\146\232\164\312\336\113\036\347\016\143\256\346\324\357  
\222\222\072\236\075\334\000\344\105\045\211\266\232\104\031\053  
\176\300\224\264\322\141\155\353\063\331\305\337\113\004\000\314  
\175\034\225\303\217\367\041\262\262\021\267\273\177\362\325\214  
\160\054\101\140\252\261\143\030\104\225\032\166\142\176\366\200  
\260\373\350\144\246\063\321\211\007\341\275\267\346\103\244\030  
\270\246\167\001\341\017\224\014\041\035\262\124\051\045\211\154  
\345\016\122\121\107\164\276\046\254\266\101\165\336\172\254\137  
\215\077\311\274\323\101\021\022\133\345\020\120\353\061\305\312  
\162\026\042\011\337\174\114\165\077\143\354\041\137\304\040\121  
\153\157\261\253\206\213\117\302\326\105\137\235\040\374\241\036  
\305\300\217\242\261\176\012\046\231\365\344\151\057\230\035\055  
\365\331\251\262\035\345\033\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\206\060\035\006\003\125\035\016\004\026\004\024\354\327\343\202  
\322\161\135\144\114\337\056\147\077\347\272\230\256\034\017\117  
\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\003  
\202\002\001\000\273\141\331\175\251\154\276\027\304\221\033\303  
\241\242\000\215\343\144\150\017\126\317\167\256\160\371\375\232  
\112\231\271\311\170\134\014\014\137\344\346\024\051\126\013\066  
\111\135\104\143\340\255\234\226\030\146\033\043\015\075\171\351  
\155\153\326\124\370\322\074\301\103\100\256\035\120\365\122\374  
\220\073\273\230\231\151\153\307\301\247\250\150\244\047\334\235  
\371\047\256\060\205\271\366\147\115\072\076\217\131\071\042\123  
\104\353\310\135\003\312\355\120\172\175\142\041\012\200\310\163  
\146\321\240\005\140\137\350\245\264\247\257\250\367\155\065\234  
\174\132\212\326\242\070\231\363\170\213\364\115\322\040\013\336  
\004\356\214\233\107\201\162\015\300\024\062\357\060\131\056\256  
\340\161\362\126\344\152\227\157\222\120\155\226\215\150\172\232  
\262\066\024\172\006\362\044\271\011\021\120\327\010\261\270\211  
\172\204\043\141\102\051\345\243\315\242\040\101\327\321\234\144  
\331\352\046\241\213\024\327\114\031\262\120\101\161\075\077\115  
\160\043\206\014\112\334\201\322\314\062\224\204\015\010\011\227  
\034\117\300\356\153\040\164\060\322\340\071\064\020\205\041\025  
\001\010\350\125\062\336\161\111\331\050\027\120\115\346\276\115  
\321\165\254\320\312\373\101\270\103\245\252\323\303\005\104\117  
\054\066\233\342\372\342\105\270\043\123\154\006\157\147\125\177  
\106\265\114\077\156\050\132\171\046\322\244\250\142\227\322\036  
\342\355\112\213\274\033\375\107\112\015\337\147\146\176\262\133  
\101\320\073\344\364\073\364\004\143\351\357\302\124\000\121\240  
\212\052\311\316\170\314\325\352\207\004\030\263\316\257\111\210  
\257\363\222\231\266\263\346\141\017\322\205\000\347\120\032\344  
\033\225\235\031\241\271\234\261\233\261\000\036\357\320\017\117  
\102\154\311\012\274\356\103\372\072\161\245\310\115\046\245\065

```
\375\211\135\274\205\142\035\062\322\240\053\124\355\232\127\301
\333\372\020\317\031\267\213\112\033\217\001\266\047\225\123\350
\266\211\155\133\274\150\324\043\350\213\121\242\126\371\360\246
\200\240\326\036\263\274\017\017\123\165\051\252\352\023\167\344
\336\214\201\041\255\007\020\107\021\255\207\075\007\321\165\274
\317\363\146\176
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "DigiCert Trusted Root G4"
```

```
# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c
```

```
# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Thu Aug 01 12:00:00 2013
```

```
# Not Valid After : Fri Jan 15 12:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88
```

```
# Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\335\373\026\315\111\061\311\163\242\003\175\077\310\072\115\175
\167\135\005\344
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\170\362\374\252\140\037\057\264\353\311\067\272\123\056\165\111
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "COMODO RSA Certification Authority"

#

# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d

# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Not Valid Before: Tue Jan 19 00:00:00 2010

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34

# Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "COMODO RSA Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006  
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006  
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003  
\206\235

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\330\060\202\003\300\240\003\002\001\002\002\020\114  
\252\371\312\333\143\157\340\037\367\116\330\133\003\206\235\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201  
\205\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033  
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162  
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006  
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060  
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103  
\101\040\114\151\155\151\164\145\144\061\053\060\051\006\003\125  
\004\003\023\042\103\117\115\117\104\117\040\122\123\101\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\036\027\015\061\060\060\061\061\071  
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062  
\063\065\071\065\071\132\060\201\205\061\013\060\011\006\003\125  
\004\006\023\002\107\102\061\033\060\031\006\003\125\004\010\023  
\022\107\162\145\141\164\145\162\040\115\141\156\143\150\145\163  
\164\145\162\061\020\060\016\006\003\125\004\007\023\007\123\141  
\154\146\157\162\144\061\032\060\030\006\003\125\004\012\023\021  
\103\117\115\117\104\117\040\103\101\040\114\151\155\151\164\145  
\144\061\053\060\051\006\003\125\004\003\023\042\103\117\115\117  
\104\117\040\122\123\101\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\221  
\350\124\222\322\012\126\261\254\015\044\335\305\317\104\147\164  
\231\053\067\243\175\043\160\000\161\274\123\337\304\372\052\022  
\217\113\177\020\126\275\237\160\162\267\141\177\311\113\017\027  
\247\075\343\260\004\141\356\377\021\227\307\364\206\076\012\372  
\076\134\371\223\346\064\172\331\024\153\347\234\263\205\240\202  
\172\166\257\161\220\327\354\375\015\372\234\154\372\337\260\202  
\364\024\176\371\276\304\246\057\117\177\231\177\265\374\147\103  
\162\275\014\000\326\211\353\153\054\323\355\217\230\034\024\253  
\176\345\343\156\374\330\250\344\222\044\332\103\153\142\270\125  
\375\352\301\274\154\266\213\363\016\215\232\344\233\154\151\231  
\370\170\110\060\105\325\255\341\015\074\105\140\374\062\226\121  
\047\274\147\303\312\056\266\153\352\106\307\307\040\240\261\037  
\145\336\110\010\272\244\116\251\362\203\106\067\204\353\350\314  
\201\110\103\147\116\162\052\233\134\275\114\033\050\212\134\042  
\173\264\253\230\331\356\340\121\203\303\011\106\116\155\076\231  
\372\225\027\332\174\063\127\101\074\215\121\355\013\266\134\257  
\054\143\032\337\127\310\077\274\351\135\304\233\257\105\231\342  
\243\132\044\264\272\251\126\075\317\157\252\377\111\130\276\360  
\250\377\364\270\255\351\067\373\272\270\364\013\072\371\350\103  
\102\036\211\330\204\313\023\361\331\273\341\211\140\270\214\050  
\126\254\024\035\234\012\347\161\353\317\016\335\075\251\226\241  
\110\275\074\367\257\265\015\042\114\300\021\201\354\126\073\366  
\323\242\342\133\267\262\004\042\122\225\200\223\151\350\216\114

\145\361\221\003\055\160\164\002\352\213\147\025\051\151\122\002  
\273\327\337\120\152\125\106\277\240\243\050\141\177\160\320\303  
\242\252\054\041\252\107\316\050\234\006\105\166\277\202\030\047  
\264\325\256\264\313\120\346\153\364\114\206\161\060\351\246\337  
\026\206\340\330\377\100\335\373\320\102\210\177\243\063\072\056  
\134\036\101\021\201\143\316\030\161\153\053\354\246\212\267\061  
\134\072\152\107\340\303\171\131\326\040\032\257\362\152\230\252  
\162\274\127\112\322\113\235\273\020\374\260\114\101\345\355\035  
\075\136\050\235\234\314\277\263\121\332\247\107\345\204\123\002  
\003\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004  
\026\004\024\273\257\176\002\075\372\246\361\074\204\216\255\356  
\070\230\354\331\062\062\324\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206  
\367\015\001\001\014\005\000\003\202\002\001\000\012\361\325\106  
\204\267\256\121\273\154\262\115\101\024\000\223\114\234\313\345  
\300\124\317\240\045\216\002\371\375\260\242\015\365\040\230\074  
\023\055\254\126\242\260\326\176\021\222\351\056\272\236\056\232  
\162\261\275\031\104\154\141\065\242\232\264\026\022\151\132\214  
\341\327\076\244\032\350\057\003\364\256\141\035\020\033\052\244  
\213\172\305\376\005\246\341\300\326\310\376\236\256\217\053\272  
\075\231\370\330\163\011\130\106\156\246\234\364\327\047\323\225  
\332\067\203\162\034\323\163\340\242\107\231\003\070\135\325\111  
\171\000\051\034\307\354\233\040\034\007\044\151\127\170\262\071  
\374\072\204\240\265\234\174\215\277\056\223\142\047\267\071\332  
\027\030\256\275\074\011\150\377\204\233\074\325\326\013\003\343  
\127\236\024\367\321\353\117\310\275\207\043\267\266\111\103\171  
\205\134\272\353\222\013\241\306\350\150\250\114\026\261\032\231  
\012\350\123\054\222\273\241\011\030\165\014\145\250\173\313\043  
\267\032\302\050\205\303\033\377\320\053\142\357\244\173\011\221  
\230\147\214\024\001\315\150\006\152\143\041\165\003\200\210\212  
\156\201\306\205\362\251\244\055\347\364\245\044\020\107\203\312  
\315\364\215\171\130\261\006\233\347\032\052\331\235\001\327\224  
\175\355\003\112\312\360\333\350\251\001\076\365\126\231\311\036  
\216\111\075\273\345\011\271\340\117\111\222\075\026\202\100\314  
\314\131\306\346\072\355\022\056\151\074\154\225\261\375\252\035  
\173\177\206\276\036\016\062\106\373\373\023\217\165\177\114\213  
\113\106\143\376\000\064\100\160\301\303\271\241\335\246\160\342  
\004\263\101\274\351\200\221\352\144\234\172\341\042\003\251\234  
\156\157\016\145\117\154\207\207\136\363\156\240\371\165\245\233  
\100\350\123\262\047\235\112\271\300\167\041\215\377\207\362\336  
\274\214\357\027\337\267\111\013\321\362\156\060\013\032\016\116  
\166\355\021\374\365\351\126\262\175\277\307\155\012\223\214\245  
\320\300\266\035\276\072\116\224\242\327\156\154\013\302\212\174  
\372\040\363\304\344\345\315\015\250\313\221\222\261\174\205\354  
\265\024\151\146\016\202\347\315\316\310\055\246\121\177\041\301  
\065\123\205\006\112\135\237\255\273\033\137\164

END

```

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "COMODO RSA Certification Authority"
# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d
# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Tue Jan 19 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34
# Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\257\345\322\104\250\321\031\102\060\377\107\237\342\370\227\273
\315\172\214\264
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\061\260\161\100\066\314\024\066\221\255\304\076\375\354\030
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003
\206\235
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

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# Certificate "USERTrust RSA Certification Authority"
#
# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d
# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2
# Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust RSA Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065
\003\055
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\336\060\202\003\306\240\003\002\001\002\002\020\001
\375\155\060\374\243\312\121\250\033\274\144\016\065\003\055\060

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\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201  
\210\061\013\060\011\006\003\125\004\006\023\002\125\123\061\023  
\060\021\006\003\125\004\010\023\012\116\145\167\040\112\145\162  
\163\145\171\061\024\060\022\006\003\125\004\007\023\013\112\145  
\162\163\145\171\040\103\151\164\171\061\036\060\034\006\003\125  
\004\012\023\025\124\150\145\040\125\123\105\122\124\122\125\123  
\124\040\116\145\164\167\157\162\153\061\056\060\054\006\003\125  
\004\003\023\045\125\123\105\122\124\162\165\163\164\040\122\123  
\101\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\060\036\027\015\061\060\060  
\062\060\061\060\060\060\060\060\132\027\015\063\070\060\061  
\061\070\062\063\065\071\065\071\132\060\201\210\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125  
\004\010\023\012\116\145\167\040\112\145\162\163\145\171\061\024  
\060\022\006\003\125\004\007\023\013\112\145\162\163\145\171\040  
\103\151\164\171\061\036\060\034\006\003\125\004\012\023\025\124  
\150\145\040\125\123\105\122\124\122\125\123\124\040\116\145\164  
\167\157\162\153\061\056\060\054\006\003\125\004\003\023\045\125  
\123\105\122\124\162\165\163\164\040\122\123\101\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\200\022\145\027\066\016\303\333\010\263\320  
\254\127\015\166\355\315\047\323\114\255\120\203\141\342\252\040  
\115\011\055\144\011\334\316\211\237\314\075\251\354\366\317\301  
\334\361\323\261\326\173\067\050\021\053\107\332\071\306\274\072  
\031\264\137\246\275\175\235\243\143\102\266\166\362\251\073\053  
\221\370\342\157\320\354\026\040\220\011\076\342\350\164\311\030  
\264\221\324\142\144\333\177\243\006\361\210\030\152\220\042\074  
\274\376\023\360\207\024\173\366\344\037\216\324\344\121\306\021  
\147\106\010\121\313\206\024\124\077\274\063\376\176\154\234\377  
\026\235\030\275\121\216\065\246\247\146\310\162\147\333\041\146  
\261\324\233\170\003\300\120\072\350\314\360\334\274\236\114\376  
\257\005\226\065\037\127\132\267\377\316\371\075\267\054\266\366  
\124\335\310\347\022\072\115\256\114\212\267\134\232\264\267\040  
\075\312\177\042\064\256\176\073\150\146\001\104\347\001\116\106  
\123\233\063\140\367\224\276\123\067\220\163\103\363\062\303\123  
\357\333\252\376\164\116\151\307\153\214\140\223\336\304\307\014  
\337\341\062\256\314\223\073\121\170\225\147\213\356\075\126\376  
\014\320\151\017\033\017\363\045\046\153\063\155\367\156\107\372  
\163\103\345\176\016\245\146\261\051\174\062\204\143\125\211\304  
\015\301\223\124\060\031\023\254\323\175\067\247\353\135\072\154  
\065\134\333\101\327\022\332\251\111\013\337\330\200\212\011\223  
\142\216\265\146\317\045\210\315\204\270\261\077\244\071\017\331  
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\147\342\350\023\235\314\133\202\323\114\263\355\133\377\336\345  
\163\254\043\073\055\000\277\065\125\164\011\111\330\111\130\032  
\177\222\066\346\121\222\016\363\046\175\034\115\027\274\311\354



\103\046\320\277\101\137\100\251\104\104\364\231\347\127\207\236  
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\102\056\103\032\114\264\360\045\107\131\372\004\036\223\324\046  
\106\112\120\201\262\336\276\170\267\374\147\025\341\311\127\204  
\036\017\143\326\351\142\272\326\137\125\056\352\134\306\050\010  
\004\045\071\270\016\053\251\362\114\227\034\007\077\015\122\365  
\355\357\057\202\017\002\003\001\000\001\243\102\060\100\060\035  
\006\003\125\035\016\004\026\004\024\123\171\277\132\252\053\112  
\317\124\200\341\330\233\300\235\362\262\003\146\313\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006  
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\001\000\134\324\174\015\317\367\001\175\101\231\145\014\163\305  
\122\237\313\370\317\231\006\177\033\332\103\025\237\236\002\125  
\127\226\024\361\122\074\047\207\224\050\355\037\072\001\067\242  
\166\374\123\120\300\204\233\306\153\116\272\214\041\117\242\216  
\125\142\221\363\151\025\330\274\210\343\304\252\013\375\357\250  
\351\113\125\052\006\040\155\125\170\051\031\356\137\060\134\113  
\044\021\125\377\044\232\156\136\052\053\356\013\115\237\177\367  
\001\070\224\024\225\103\007\011\373\140\251\356\034\253\022\214  
\240\232\136\247\230\152\131\155\213\077\010\373\310\321\105\257  
\030\025\144\220\022\017\163\050\056\305\342\044\116\374\130\354  
\360\364\105\376\042\263\353\057\216\322\331\105\141\005\301\227  
\157\250\166\162\217\213\214\066\257\277\015\005\316\161\215\346  
\246\157\037\154\246\161\142\305\330\320\203\162\014\361\147\021  
\211\014\234\023\114\162\064\337\274\325\161\337\252\161\335\341  
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\336\115\146\021\121\317\231\256\354\027\266\350\161\221\214\336  
\111\376\335\065\161\242\025\047\224\034\317\141\343\046\273\157  
\243\147\045\041\135\346\335\035\013\056\150\033\073\202\257\354  
\203\147\205\324\230\121\164\261\271\231\200\211\377\177\170\031  
\134\171\112\140\056\222\100\256\114\067\052\054\311\307\142\310  
\016\135\367\066\133\312\340\045\045\001\264\335\032\007\234\167  
\000\077\320\334\325\354\075\324\372\273\077\314\205\326\157\177  
\251\055\337\271\002\367\365\227\232\265\065\332\303\147\260\207  
\112\251\050\236\043\216\377\134\047\153\341\260\117\363\007\356  
\000\056\324\131\207\313\122\101\225\352\364\107\327\356\144\101  
\125\174\215\131\002\225\335\142\235\302\271\356\132\050\164\204  
\245\233\267\220\307\014\007\337\365\211\066\164\062\326\050\301  
\260\260\013\340\234\114\303\034\326\374\343\151\265\107\106\201  
\057\242\202\253\323\143\104\160\304\215\377\055\063\272\255\217  
\173\265\160\210\256\076\031\317\100\050\330\374\310\220\273\135  
\231\042\365\122\346\130\305\037\210\061\103\356\210\035\327\306  
\216\074\103\152\035\247\030\336\175\075\026\361\142\371\312\220  
\250\375

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "USERTrust RSA Certification Authority"

# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d

# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Not Valid Before: Mon Feb 01 00:00:00 2010

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2

# Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "USERTrust RSA Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\053\217\033\127\063\015\273\242\320\172\154\121\367\016\351\015  
\332\271\255\216

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\033\376\151\321\221\267\031\063\243\162\250\017\341\125\345\265

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065  
\003\055

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "USERTrust ECC Certification Authority"

#

```
# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26
# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A
# Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\217\060\202\002\025\240\003\002\001\002\002\020\134
\213\231\305\132\224\305\322\161\126\336\315\211\200\314\046\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\210\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\023\060\021\006
```

\003\125\004\010\023\012\116\145\167\040\112\145\162\163\145\171  
\061\024\060\022\006\003\125\004\007\023\013\112\145\162\163\145  
\171\040\103\151\164\171\061\036\060\034\006\003\125\004\012\023  
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\040\116  
\145\164\167\157\162\153\061\056\060\054\006\003\125\004\003\023  
\045\125\123\105\122\124\162\165\163\164\040\105\103\103\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\036\027\015\061\060\060\062\060\061  
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062  
\063\065\071\065\071\132\060\201\210\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\023\060\021\006\003\125\004\010\023  
\012\116\145\167\040\112\145\162\163\145\171\061\024\060\022\006  
\003\125\004\007\023\013\112\145\162\163\145\171\040\103\151\164  
\171\061\036\060\034\006\003\125\004\012\023\025\124\150\145\040  
\125\123\105\122\124\122\125\123\124\040\116\145\164\167\157\162  
\153\061\056\060\054\006\003\125\004\003\023\045\125\123\105\122  
\124\162\165\163\164\040\105\103\103\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\032\254\124\132\251\371\150  
\043\347\172\325\044\157\123\306\132\330\113\253\306\325\266\321  
\346\163\161\256\335\234\326\014\141\375\333\240\211\003\270\005  
\024\354\127\316\356\135\077\342\041\263\316\367\324\212\171\340  
\243\203\176\055\227\320\141\304\361\231\334\045\221\143\253\177  
\060\243\264\160\342\307\241\063\234\363\277\056\134\123\261\137  
\263\175\062\177\212\064\343\171\171\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\072\341\011\206\324\317\031\302  
\226\166\164\111\166\334\340\065\306\143\143\232\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\012\006  
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\060  
\066\147\241\026\010\334\344\227\000\101\035\116\276\341\143\001  
\317\073\252\102\021\144\240\235\224\071\002\021\171\134\173\035  
\372\144\271\356\026\102\263\277\212\302\011\304\354\344\261\115  
\002\061\000\351\052\141\107\214\122\112\113\116\030\160\366\326  
\104\326\156\365\203\272\155\130\275\044\331\126\110\352\357\304  
\242\106\201\210\152\072\106\321\251\233\115\311\141\332\321\135  
\127\152\030

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "USERTrust ECC Certification Authority"

# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26

# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

```
Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A
# Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\321\313\312\135\262\325\052\177\151\073\147\115\345\360\132\035
\014\225\175\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\372\150\274\331\265\177\255\375\311\035\006\203\050\314\044\301
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign ECC Root CA - R5"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24
```

# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign ECC Root CA - R5"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371  
\112\330\154

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\036\060\202\001\244\240\003\002\001\002\002\021\140  
\131\111\340\046\056\273\125\371\012\167\212\161\371\112\330\154  
\060\012\006\010\052\206\110\316\075\004\003\003\060\120\061\044  
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123  
\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040  
\055\040\122\065\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156\060\036  
\027\015\061\062\061\061\061\063\060\060\060\060\060\060\132\027  
\015\063\070\060\061\061\071\060\063\061\064\060\067\132\060\120  
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141  
\154\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103  
\101\040\055\040\122\065\061\023\060\021\006\003\125\004\012\023  
\012\107\154\157\142\141\154\123\151\147\156\061\023\060\021\006  
\003\125\004\003\023\012\107\154\157\142\141\154\123\151\147\156  
\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053  
\201\004\000\042\003\142\000\004\107\105\016\226\373\175\135\277  
\351\071\321\041\370\237\013\266\325\173\036\222\072\110\131\034  
\360\142\061\055\300\172\050\376\032\247\134\263\266\314\227\347

```
\105\324\130\372\321\167\155\103\242\300\207\145\064\012\037\172
\335\353\074\063\241\305\235\115\244\157\101\225\070\177\311\036
\204\353\321\236\111\222\207\224\207\014\072\205\112\146\237\235
\131\223\115\227\141\006\206\112\243\102\060\100\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006
\003\125\035\016\004\026\004\024\075\346\051\110\233\352\007\312
\041\104\112\046\336\156\336\322\203\320\237\131\060\012\006\010
\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061\000
\345\151\022\311\156\333\306\061\272\011\101\341\227\370\373\375
\232\342\175\022\311\355\174\144\323\313\005\045\213\126\331\240
\347\136\135\116\013\203\234\133\166\051\240\011\046\041\152\142
\002\060\161\322\265\217\134\352\073\341\170\011\205\250\165\222
\073\310\134\375\110\357\015\164\042\250\010\342\156\305\111\316
\307\014\274\247\141\151\361\367\073\341\052\313\371\053\363\146
\220\067
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign ECC Root CA - R5"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5

# Not Valid Before: Tue Nov 13 00:00:00 2012

# Not Valid After : Tue Jan 19 03:14:07 2038

# Fingerprint (SHA-256):

17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24

# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign ECC Root CA - R5"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\037\044\306\060\315\244\030\357\040\151\377\255\117\335\137\106
\072\033\151\252
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\237\255\073\034\002\036\212\272\027\164\070\201\014\242\274\010
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
```

```

\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden Root CA - G3"
#
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28
# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
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CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\242\071
END

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CKA\_VALUE MULTILINE\_OCTAL

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\034\006\003\125\004\012\014\025\123\164\141\141\164\040\144\145  
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Staat der Nederlanden Root CA - G3"

# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL

```

# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28
# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\330\353\153\101\121\222\131\340\363\347\205\000\300\075\266\210
\227\311\356\374
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\013\106\147\007\333\020\057\031\214\065\120\140\321\013\364\067
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\242\071
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden EV Root CA"
#
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE

```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
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\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
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|147|377|301|141|215|143|117|017|233|155|027|060|046|357|253|322  
|037|020|240|371|305|177|026|151|201|003|107|355|036|150|215|162  
|241|115|262|046|306|272|154|137|155|326|257|321|261|023|216|251  
|255|363|136|151|165|046|030|076|101|053|041|177|356|213|135|007  
|006|235|103|304|051|012|053|374|052|076|206|313|074|203|072|371  
|311|015|332|305|231|342|274|170|101|063|166|341|277|057|135|345  
|244|230|120|014|025|335|340|372|234|177|070|150|320|262|246|172  
|247|321|061|275|176|212|130|047|103|263|272|063|221|323|247|230  
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|217|222|056|260|173|014|137|361|143|251|067|371|233|165|151|114  
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END

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Staat der Nederlanden EV Root CA"
```

```
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
```

```
# Serial Number: 10000013 (0x98968d)
```

```
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
```

```
# Not Valid Before: Wed Dec 08 11:19:29 2010
```

```
# Not Valid After : Thu Dec 08 11:10:28 2022
```

```
# Fingerprint (SHA-256):
```

```
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
```

```
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\166\342\176\301\117\333\202\301\300\246\165\265\005\276\075\051
\264\355\333\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\374\006\257\173\350\032\361\232\264\350\322\160\037\300\365\272
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
```

```

\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\215
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "IdenTrust Commercial Root CA 1"
#
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02
# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 18:12:23 2014
# Not Valid After : Mon Jan 16 18:12:23 2034
# Fingerprint (SHA-256):
5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE
# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000
\000\002
END
CKA_VALUE MULTILINE_OCTAL

```

\060\202\005\140\060\202\003\110\240\003\002\001\002\002\020\012  
\001\102\200\000\000\001\105\043\310\104\265\000\000\000\002\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\112  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060  
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163  
\164\061\047\060\045\006\003\125\004\003\023\036\111\144\145\156  
\124\162\165\163\164\040\103\157\155\155\145\162\143\151\141\154  
\040\122\157\157\164\040\103\101\040\061\060\036\027\015\061\064  
\060\061\061\066\061\070\061\062\062\063\132\027\015\063\064\060  
\061\061\066\061\070\061\062\062\063\132\060\112\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\022\060\020\006\003\125  
\004\012\023\011\111\144\145\156\124\162\165\163\164\061\047\060  
\045\006\003\125\004\003\023\036\111\144\145\156\124\162\165\163  
\164\040\103\157\155\155\145\162\143\151\141\154\040\122\157\157  
\164\040\103\101\040\061\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\247\120\031\336\077\231\075\324\063  
\106\361\157\121\141\202\262\251\117\217\147\211\135\204\331\123  
\335\014\050\331\327\360\377\256\225\103\162\231\371\265\135\174  
\212\301\102\341\061\120\164\321\201\015\174\315\233\041\253\103  
\342\254\255\136\206\156\363\011\212\037\132\062\275\242\353\224  
\371\350\134\012\354\377\230\322\257\161\263\264\123\237\116\207  
\357\222\274\275\354\117\062\060\210\113\027\136\127\304\123\302  
\366\002\227\215\331\142\053\277\044\037\142\215\337\303\270\051  
\113\111\170\074\223\140\210\042\374\231\332\066\310\302\242\324  
\054\124\000\147\065\156\163\277\002\130\360\244\335\345\260\242  
\046\172\312\340\066\245\031\026\365\375\267\357\256\077\100\365  
\155\132\004\375\316\064\312\044\334\164\043\033\135\063\023\022  
\135\304\001\045\366\060\335\002\135\237\340\325\107\275\264\353  
\033\241\273\111\111\330\237\133\002\363\212\344\044\220\344\142  
\117\117\301\257\213\016\164\027\250\321\162\210\152\172\001\111  
\314\264\106\171\306\027\261\332\230\036\007\131\372\165\041\205  
\145\335\220\126\316\373\253\245\140\235\304\235\371\122\260\213  
\275\207\371\217\053\043\012\043\166\073\367\063\341\311\000\363  
\151\371\113\242\340\116\274\176\223\071\204\007\367\104\160\176  
\376\007\132\345\261\254\321\030\314\362\065\345\111\111\010\312  
\126\311\075\373\017\030\175\213\073\301\023\302\115\217\311\117  
\016\067\351\037\241\016\152\337\142\056\313\065\006\121\171\054  
\310\045\070\364\372\113\247\211\134\234\322\343\015\071\206\112  
\164\174\325\131\207\302\077\116\014\134\122\364\075\367\122\202  
\361\352\243\254\375\111\064\032\050\363\101\210\072\023\356\350  
\336\377\231\035\137\272\313\350\036\362\271\120\140\300\061\323  
\163\345\357\276\240\355\063\013\164\276\040\040\304\147\154\360  
\010\003\172\125\200\177\106\116\226\247\364\036\076\341\366\330  
\011\341\063\144\053\143\327\062\136\237\371\300\173\017\170\157  
\227\274\223\232\371\234\022\220\170\172\200\207\025\327\162\164  
\234\125\164\170\261\272\341\156\160\004\272\117\240\272\150\303  
\173\377\061\360\163\075\075\224\052\261\013\101\016\240\376\115



\210\145\153\171\063\264\327\002\003\001\000\001\243\102\060\100  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\355\104\031\300  
\323\360\006\213\356\244\173\276\102\347\046\124\310\216\066\166  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\015\256\220\062\366\246\113\174\104\166\031\141  
\036\047\050\315\136\124\357\045\274\343\010\220\371\051\327\256  
\150\010\341\224\000\130\357\056\056\176\123\122\214\266\134\007  
\352\210\272\231\213\120\224\327\202\200\337\141\011\000\223\255  
\015\024\346\316\301\362\067\224\170\260\137\234\263\242\163\270  
\217\005\223\070\315\215\076\260\270\373\300\317\261\362\354\055  
\055\033\314\354\252\232\263\252\140\202\033\055\073\303\204\075  
\127\212\226\036\234\165\270\323\060\315\140\010\203\220\323\216  
\124\361\115\146\300\135\164\003\100\243\356\205\176\302\037\167  
\234\006\350\301\247\030\135\122\225\355\311\335\045\236\155\372  
\251\355\243\072\064\320\131\173\332\355\120\363\065\277\355\353  
\024\115\061\307\140\364\332\361\207\234\342\110\342\306\305\067  
\373\006\020\372\165\131\146\061\107\051\332\166\232\034\351\202  
\256\357\232\271\121\367\210\043\232\151\225\142\074\345\125\200  
\066\327\124\002\377\361\271\135\316\324\043\157\330\105\204\112  
\133\145\357\211\014\335\024\247\040\313\030\245\045\264\015\371  
\001\360\242\322\364\000\310\164\216\241\052\110\216\145\333\023  
\304\342\045\027\175\353\276\207\133\027\040\124\121\223\112\123  
\003\013\354\135\312\063\355\142\375\105\307\057\133\334\130\240  
\200\071\346\372\327\376\023\024\246\355\075\224\112\102\164\324  
\303\167\131\163\315\217\106\276\125\070\357\372\350\221\062\352  
\227\130\004\042\336\070\303\314\274\155\311\063\072\152\012\151  
\077\240\310\352\162\217\214\143\206\043\275\155\074\226\236\225  
\340\111\114\252\242\271\052\033\234\066\201\170\355\303\350\106  
\342\046\131\104\165\036\331\165\211\121\315\020\204\235\141\140  
\313\135\371\227\042\115\216\230\346\343\177\366\133\273\256\315  
\312\112\201\153\136\013\363\121\341\164\053\351\176\047\247\331  
\231\111\116\370\245\200\333\045\017\034\143\142\212\311\063\147  
\153\074\020\203\306\255\336\250\315\026\216\215\360\007\067\161  
\237\362\253\374\101\365\301\213\354\000\067\135\011\345\116\200  
\357\372\261\134\070\006\245\033\112\341\334\070\055\074\334\253  
\037\220\032\325\112\234\356\321\160\154\314\356\364\127\370\030  
\272\204\156\207

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "IdenTrust Commercial Root CA 1"  
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US  
# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02  
# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US

```

# Not Valid Before: Thu Jan 16 18:12:23 2014
# Not Valid After : Mon Jan 16 18:12:23 2034
# Fingerprint (SHA-256):
5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE
# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\337\161\176\252\112\331\116\311\125\204\231\140\055\110\336\137
\274\360\072\045
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\263\076\167\163\165\356\240\323\343\176\111\143\111\131\273\307
END
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000
\000\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "IdenTrust Public Sector Root CA 1"
#
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 17:53:32 2014
# Not Valid After : Mon Jan 16 17:53:32 2034
# Fingerprint (SHA-256):
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

```
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\146\060\202\003\116\240\003\002\001\002\002\020\012
\001\102\200\000\000\001\105\043\317\106\174\000\000\000\002\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\115
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163
\164\061\052\060\050\006\003\125\004\003\023\041\111\144\145\156
\124\162\165\163\164\040\120\165\142\154\151\143\040\123\145\143
\164\157\162\040\122\157\157\164\040\103\101\040\061\060\036\027
\015\061\064\060\061\061\066\061\067\065\063\063\062\132\027\015
\063\064\060\061\061\066\061\067\065\063\063\062\132\060\115\061
\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060\020
\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163\164
\061\052\060\050\006\003\125\004\003\023\041\111\144\145\156\124
\162\165\163\164\040\120\165\142\154\151\143\040\123\145\143\164
\157\162\040\122\157\157\164\040\103\101\040\061\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\266\042\224
\374\244\110\257\350\107\153\012\373\047\166\344\362\077\212\073
\172\112\054\061\052\214\215\260\251\303\061\153\250\167\166\204
\046\266\254\201\102\015\010\353\125\130\273\172\370\274\145\175
\362\240\155\213\250\107\351\142\166\036\021\356\010\024\321\262
\104\026\364\352\320\372\036\057\136\333\313\163\101\256\274\000
\260\112\053\100\262\254\341\073\113\302\055\235\344\241\233\354
\032\072\036\360\010\263\320\344\044\065\007\237\234\264\311\122
\155\333\007\312\217\265\133\360\203\363\117\307\055\245\310\255
\313\225\040\244\061\050\127\130\132\344\215\033\232\253\236\015
```

\014\362\012\063\071\042\071\012\227\056\363\123\167\271\104\105  
\375\204\313\066\040\201\131\055\232\157\155\110\110\141\312\114  
\337\123\321\257\122\274\104\237\253\057\153\203\162\357\165\200  
\332\006\063\033\135\310\332\143\306\115\315\254\146\061\315\321  
\336\076\207\020\066\341\271\244\172\357\140\120\262\313\312\246  
\126\340\067\257\253\064\023\071\045\350\071\146\344\230\172\252  
\022\230\234\131\146\206\076\255\361\260\312\076\006\017\173\360  
\021\113\067\240\104\155\173\313\250\214\161\364\325\265\221\066  
\314\360\025\306\053\336\121\027\261\227\114\120\075\261\225\131  
\174\005\175\055\041\325\000\277\001\147\242\136\173\246\134\362  
\367\042\361\220\015\223\333\252\104\121\146\314\175\166\003\353  
\152\250\052\070\031\227\166\015\153\212\141\371\274\366\356\166  
\375\160\053\335\051\074\370\012\036\133\102\034\213\126\057\125  
\033\034\241\056\265\307\026\346\370\252\074\222\216\151\266\001  
\301\265\206\235\211\017\013\070\224\124\350\352\334\236\075\045  
\274\123\046\355\325\253\071\252\305\100\114\124\253\262\264\331  
\331\370\327\162\333\034\274\155\275\145\137\357\210\065\052\146  
\057\356\366\263\145\360\063\215\174\230\101\151\106\017\103\034  
\151\372\233\265\320\141\152\315\312\113\331\114\220\106\253\025  
\131\241\107\124\051\056\203\050\137\034\302\242\253\162\027\000  
\006\216\105\354\213\342\063\075\177\332\031\104\344\142\162\303  
\337\042\306\362\126\324\335\137\225\162\355\155\137\367\110\003  
\133\375\305\052\240\366\163\043\204\020\033\001\347\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\343\161\340\236\330\247\102\331\333\161\221\153\224\223  
\353\303\243\321\024\243\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\002\001\000\107\372\335\012\260\021  
\221\070\255\115\135\367\345\016\227\124\031\202\110\207\124\214  
\252\144\231\330\132\376\210\001\305\130\245\231\261\043\124\043  
\267\152\035\040\127\345\001\142\101\027\323\011\333\165\313\156  
\124\220\165\376\032\237\201\012\302\335\327\367\011\320\133\162  
\025\344\036\011\152\075\063\363\041\232\346\025\176\255\121\325  
\015\020\355\175\102\300\217\356\300\232\010\325\101\326\134\016  
\041\151\156\200\141\016\025\300\270\317\305\111\022\122\314\276  
\072\314\324\056\070\005\336\065\375\037\157\270\200\150\230\075  
\115\240\312\100\145\322\163\174\365\213\331\012\225\077\330\077  
\043\155\032\321\052\044\031\331\205\263\027\357\170\156\251\130  
\321\043\323\307\023\355\162\045\177\135\261\163\160\320\177\006  
\227\011\204\051\200\141\035\372\136\377\163\254\240\343\211\270  
\034\161\025\306\336\061\177\022\334\341\155\233\257\347\350\237  
\165\170\114\253\106\073\232\316\277\005\030\135\115\025\074\026  
\232\031\120\004\232\262\232\157\145\213\122\137\074\130\004\050  
\045\300\146\141\061\176\271\340\165\271\032\250\201\326\162\027  
\263\305\003\061\065\021\170\170\242\340\351\060\214\177\200\337  
\130\337\074\272\047\226\342\200\064\155\343\230\323\144\047\254  
\110\176\050\167\134\306\045\141\045\370\205\014\145\372\304\062

```
\057\245\230\005\344\370\013\147\026\026\306\202\270\062\031\371
\371\271\171\334\037\315\353\257\253\016\335\033\333\105\344\172
\347\002\342\225\135\374\151\360\123\151\141\225\165\171\013\136
\125\346\070\034\224\251\131\063\236\310\161\164\171\177\121\211
\266\310\152\270\060\310\152\070\303\156\236\341\067\026\352\005
\142\114\133\022\107\355\247\264\263\130\126\307\111\363\177\022
\150\011\061\161\360\155\370\116\107\373\326\205\356\305\130\100
\031\244\035\247\371\113\103\067\334\150\132\117\317\353\302\144
\164\336\264\025\331\364\124\124\032\057\034\327\227\161\124\220
\216\331\040\235\123\053\177\253\217\342\352\060\274\120\067\357
\361\107\265\175\174\054\004\354\150\235\264\111\104\020\364\162
\113\034\144\347\374\346\153\220\335\151\175\151\375\000\126\245
\267\254\266\255\267\312\076\001\357\234
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "IdenTrust Public Sector Root CA 1"
```

```
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
```

```
# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
```

```
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
```

```
# Not Valid Before: Thu Jan 16 17:53:32 2014
```

```
# Not Valid After : Mon Jan 16 17:53:32 2034
```

```
# Fingerprint (SHA-256):
```

```
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
```

```
# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\272\051\101\140\167\230\077\364\363\357\362\061\005\073\056\352
\155\115\105\375
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\067\006\245\260\374\211\235\272\364\153\214\032\144\315\325\272
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
```

```

\000\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - G2"
#
# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number: 1246989352 (0x4a538c28)
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Jul 07 17:25:54 2009
# Not Valid After : Sat Dec 07 17:55:54 2030
# Fingerprint (SHA-256):
43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39
# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162

```

\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\112\123\214\050

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\076\060\202\003\046\240\003\002\001\002\002\004\112  
\123\214\050\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\201\276\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164  
\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006\003  
\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156\164  
\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055\164  
\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060\050  
\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164\054  
\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164\150  
\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061  
\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165\163  
\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055  
\040\107\062\060\036\027\015\060\071\060\067\060\067\061\067\062  
\065\065\064\132\027\015\063\060\061\062\060\067\061\067\065\065  
\065\064\132\060\201\276\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156  
\164\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006  
\003\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156  
\164\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055  
\164\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060  
\050\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164  
\054\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165  
\163\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\272\204\266\162\333\236\014\153\342\231\351  
\060\001\247\166\352\062\270\225\101\032\311\332\141\116\130\162  
\317\376\366\202\171\277\163\141\006\012\245\047\330\263\137\323  
\105\116\034\162\326\116\062\362\162\212\017\367\203\031\320\152  
\200\200\000\105\036\260\307\347\232\277\022\127\047\034\243\150

\057\012\207\275\152\153\016\136\145\363\034\167\325\324\205\215  
\160\041\264\263\062\347\213\242\325\206\071\002\261\270\322\107  
\316\344\311\111\304\073\247\336\373\124\175\127\276\360\350\156  
\302\171\262\072\013\125\342\120\230\026\062\023\134\057\170\126  
\301\302\224\263\362\132\344\047\232\237\044\327\306\354\320\233  
\045\202\343\314\302\304\105\305\214\227\172\006\153\052\021\237  
\251\012\156\110\073\157\333\324\021\031\102\367\217\007\277\365  
\123\137\234\076\364\027\054\346\151\254\116\062\114\142\167\352  
\267\350\345\273\064\274\031\213\256\234\121\347\267\176\265\123  
\261\063\042\345\155\317\160\074\032\372\342\233\147\266\203\364  
\215\245\257\142\114\115\340\130\254\144\064\022\003\370\266\215  
\224\143\044\244\161\002\003\001\000\001\243\102\060\100\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\035\006\003\125\035\016\004\026\004\024\152\162\046\172\320\036  
\357\175\347\073\151\121\324\154\215\237\220\022\146\253\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\171\237\035\226\306\266\171\077\042\215\207\323\207\003  
\004\140\152\153\232\056\131\211\163\021\254\103\321\365\023\377  
\215\071\053\300\362\275\117\160\214\251\057\352\027\304\013\124  
\236\324\033\226\230\063\074\250\255\142\242\000\166\253\131\151  
\156\006\035\176\304\271\104\215\230\257\022\324\141\333\012\031  
\106\107\363\353\367\143\301\100\005\100\245\322\267\364\265\232  
\066\277\251\210\166\210\004\125\004\053\234\207\177\032\067\074  
\176\055\245\032\330\324\211\136\312\275\254\075\154\330\155\257  
\325\363\166\017\315\073\210\070\042\235\154\223\232\304\075\277  
\202\033\145\077\246\017\135\252\374\345\262\025\312\265\255\306  
\274\075\320\204\350\352\006\162\260\115\071\062\170\277\076\021  
\234\013\244\235\232\041\363\360\233\013\060\170\333\301\334\207  
\103\376\274\143\232\312\305\302\034\311\307\215\377\073\022\130  
\010\346\266\075\354\172\054\116\373\203\226\316\014\074\151\207  
\124\163\244\163\302\223\377\121\020\254\025\124\001\330\374\005  
\261\211\241\177\164\203\232\111\327\334\116\173\212\110\157\213  
\105\366

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Entrust Root Certification Authority - G2"

# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number: 1246989352 (0x4a538c28)

# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Tue Jul 07 17:25:54 2009

# Not Valid After : Sat Dec 07 17:55:54 2030

# Fingerprint (SHA-256):



```
43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39
# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\214\364\047\375\171\014\072\321\146\006\215\350\036\127\357\273
\223\042\162\324
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\113\342\311\221\226\145\014\364\016\132\223\222\240\012\376\262
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - EC1"
#
# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Dec 18 15:25:36 2012
# Not Valid After : Fri Dec 18 15:55:36 2037
# Fingerprint (SHA-256):
```

```
02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5
# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - EC1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\371\060\202\002\200\240\003\002\001\002\002\015\000
\246\213\171\051\000\000\000\000\120\320\221\371\060\012\006\010
\052\206\110\316\075\004\003\003\060\201\277\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004
\012\023\015\105\156\164\162\165\163\164\054\040\111\156\143\056
```

\061\050\060\046\006\003\125\004\013\023\037\123\145\145\040\167  
\167\167\056\145\156\164\162\165\163\164\056\156\145\164\057\154  
\145\147\141\154\055\164\145\162\155\163\061\071\060\067\006\003  
\125\004\013\023\060\050\143\051\040\062\060\061\062\040\105\156  
\164\162\165\163\164\054\040\111\156\143\056\040\055\040\146\157  
\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145  
\040\157\156\154\171\061\063\060\061\006\003\125\004\003\023\052  
\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\105\103\061\060\036\027\015\061\062  
\061\062\061\070\061\065\062\065\063\066\132\027\015\063\067\061  
\062\061\070\061\065\065\065\063\066\132\060\201\277\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\026\060\024\006\003  
\125\004\012\023\015\105\156\164\162\165\163\164\054\040\111\156  
\143\056\061\050\060\046\006\003\125\004\013\023\037\123\145\145  
\040\167\167\167\056\145\156\164\162\165\163\164\056\156\145\164  
\057\154\145\147\141\154\055\164\145\162\155\163\061\071\060\067  
\006\003\125\004\013\023\060\050\143\051\040\062\060\061\062\040  
\105\156\164\162\165\163\164\054\040\111\156\143\056\040\055\040  
\146\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165  
\163\145\040\157\156\154\171\061\063\060\061\006\003\125\004\003  
\023\052\105\156\164\162\165\163\164\040\122\157\157\164\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\105\103\061\060\166\060\020  
\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042  
\003\142\000\004\204\023\311\320\272\155\101\173\342\154\320\353  
\125\137\146\002\032\044\364\133\211\151\107\343\270\302\175\361  
\362\002\305\237\240\366\133\325\213\006\031\206\117\123\020\155  
\007\044\047\241\240\370\325\107\031\141\114\175\312\223\047\352  
\164\014\357\157\226\011\376\143\354\160\135\066\255\147\167\256  
\311\235\174\125\104\072\242\143\121\037\365\343\142\324\251\107  
\007\076\314\040\243\102\060\100\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016  
\004\026\004\024\267\143\347\032\335\215\351\010\246\125\203\244  
\340\152\120\101\145\021\102\111\060\012\006\010\052\206\110\316  
\075\004\003\003\003\147\000\060\144\002\060\141\171\330\345\102  
\107\337\034\256\123\231\027\266\157\034\175\341\277\021\224\321  
\003\210\165\344\215\211\244\212\167\106\336\155\141\357\002\365  
\373\265\337\314\376\116\377\376\251\346\247\002\060\133\231\327  
\205\067\006\265\173\010\375\353\047\213\112\224\371\341\372\247  
\216\046\010\350\174\222\150\155\163\330\157\046\254\041\002\270  
\231\267\046\101\133\045\140\256\320\110\032\356\006

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```
# Trust for "Entrust Root Certification Authority - EC1"
# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:a6:8b:79:29:00:00:00:50:d0:91:f9
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Dec 18 15:25:36 2012
# Not Valid After : Fri Dec 18 15:55:36 2037
# Fingerprint (SHA-256):
02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5
# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - EC1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\040\330\006\100\337\233\045\365\022\045\072\021\352\367\131\212
\353\024\265\107
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\266\176\035\360\130\305\111\154\044\073\075\355\230\030\355\274
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "CFCA EV ROOT"
```

```
#
# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Serial Number: 407555286 (0x184accd6)
# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Not Valid Before: Wed Aug 08 03:07:01 2012
# Not Valid After : Mon Dec 31 03:07:01 2029
# Fingerprint (SHA-256):
5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD
# Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CFCA EV ROOT"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\030\112\314\326
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\215\060\202\003\165\240\003\002\001\002\002\004\030
\112\314\326\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\126\061\013\060\011\006\003\125\004\006\023\002\103
\116\061\060\060\056\006\003\125\004\012\014\047\103\150\151\156
\141\040\106\151\156\141\156\143\151\141\154\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\061\025\060\023\006\003\125\004\003\014\014\103\106
\103\101\040\105\126\040\122\117\117\124\060\036\027\015\061\062
\060\070\060\070\060\063\060\067\060\061\132\027\015\062\071\061
\062\063\061\060\063\060\067\060\061\132\060\126\061\013\060\011
\006\003\125\004\006\023\002\103\116\061\060\060\056\006\003\125
\004\012\014\047\103\150\151\156\141\040\106\151\156\141\156\143
```

\151\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\025\060\023\006  
\003\125\004\003\014\014\103\106\103\101\040\105\126\040\122\117  
\117\124\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\327\135\153\315\020\077\037\005\131\325\005\115\067  
\261\016\354\230\053\216\025\035\372\223\113\027\202\041\161\020  
\122\327\121\144\160\026\302\125\151\115\216\025\155\237\277\014  
\033\302\340\243\147\326\014\254\317\042\256\257\167\124\052\113  
\114\212\123\122\172\303\356\056\336\263\161\045\301\351\135\075  
\356\241\057\243\367\052\074\311\043\035\152\253\035\241\247\361  
\363\354\240\325\104\317\025\317\162\057\035\143\227\350\231\371  
\375\223\244\124\200\114\122\324\122\253\056\111\337\220\315\270  
\137\276\077\336\241\312\115\040\324\045\350\204\051\123\267\261  
\210\037\377\372\332\220\237\012\251\055\101\077\261\361\030\051  
\356\026\131\054\064\111\032\250\006\327\250\210\322\003\162\172  
\062\342\352\150\115\156\054\226\145\173\312\131\372\362\342\335  
\356\060\054\373\314\106\254\304\143\353\157\177\066\053\064\163  
\022\224\177\337\314\046\236\361\162\135\120\145\131\217\151\263  
\207\136\062\157\303\030\212\265\225\217\260\172\067\336\132\105  
\073\307\066\341\357\147\321\071\323\227\133\163\142\031\110\055  
\207\034\006\373\164\230\040\111\163\360\005\322\033\261\240\243  
\267\033\160\323\210\151\271\132\326\070\364\142\334\045\213\170  
\277\370\350\176\270\134\311\225\117\137\247\055\271\040\153\317  
\153\335\365\015\364\202\267\364\262\146\056\020\050\366\227\132  
\173\226\026\217\001\031\055\154\156\177\071\130\006\144\203\001  
\203\203\303\115\222\335\062\306\207\244\067\351\026\316\252\055  
\150\257\012\201\145\072\160\301\233\255\115\155\124\312\052\055  
\113\205\033\263\200\346\160\105\015\153\136\065\360\177\073\270  
\234\344\004\160\211\022\045\223\332\012\231\042\140\152\143\140  
\116\166\006\230\116\275\203\255\035\130\212\045\205\322\307\145  
\036\055\216\306\337\266\306\341\177\212\004\041\025\051\164\360  
\076\234\220\235\014\056\361\212\076\132\252\014\011\036\307\325  
\074\243\355\227\303\036\064\372\070\371\010\016\343\300\135\053  
\203\321\126\152\311\266\250\124\123\056\170\062\147\075\202\177  
\164\320\373\341\266\005\140\271\160\333\216\013\371\023\130\157  
\161\140\020\122\020\271\301\101\011\357\162\037\147\061\170\377  
\226\005\215\002\003\001\000\001\243\143\060\141\060\037\006\003  
\125\035\043\004\030\060\026\200\024\343\376\055\375\050\320\013  
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\343\376\055\375\050\320\013  
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001  
\000\045\306\272\153\353\207\313\336\202\071\226\075\360\104\247  
\153\204\163\003\336\235\053\117\272\040\177\274\170\262\317\227  
\260\033\234\363\327\171\056\365\110\266\322\373\027\210\346\323

\172\077\355\123\023\320\342\057\152\171\313\000\043\050\346\036  
\067\127\065\211\204\302\166\117\064\066\255\147\303\316\101\006  
\210\305\367\356\330\032\270\326\013\177\120\377\223\252\027\113  
\214\354\355\122\140\262\244\006\352\116\353\364\153\031\375\353  
\365\032\340\045\052\232\334\307\101\066\367\310\164\005\204\071  
\225\071\326\013\073\244\047\372\010\330\134\036\370\004\140\122  
\021\050\050\003\377\357\123\146\000\245\112\064\026\146\174\375  
\011\244\256\236\147\032\157\101\013\153\006\023\233\217\206\161  
\005\264\057\215\211\146\063\051\166\124\232\021\370\047\372\262  
\077\221\340\316\015\033\363\060\032\255\277\042\135\033\323\277  
\045\005\115\341\222\032\177\231\237\074\104\223\312\324\100\111  
\154\200\207\327\004\072\303\062\122\065\016\126\370\245\335\175  
\304\213\015\021\037\123\313\036\262\027\266\150\167\132\340\324  
\313\310\007\256\365\072\056\216\067\267\320\001\113\103\051\167  
\214\071\227\217\202\132\370\121\345\211\240\030\347\150\177\135  
\012\056\373\243\107\016\075\246\043\172\306\001\307\217\310\136  
\277\155\200\126\276\212\044\272\063\352\237\341\062\021\236\361  
\322\117\200\366\033\100\257\070\236\021\120\171\163\022\022\315  
\346\154\235\054\210\162\074\060\201\006\221\042\352\131\255\332  
\031\056\042\302\215\271\214\207\340\146\274\163\043\137\041\144  
\143\200\110\365\240\074\030\075\224\310\110\101\035\100\272\136  
\376\376\126\071\241\310\317\136\236\031\144\106\020\332\027\221  
\267\005\200\254\213\231\222\175\347\242\330\007\013\066\047\347  
\110\171\140\212\303\327\023\134\370\162\100\337\112\313\317\231  
\000\012\000\013\021\225\332\126\105\003\210\012\237\147\320\325  
\171\261\250\215\100\155\015\302\172\100\372\363\137\144\107\222  
\313\123\271\273\131\316\117\375\320\025\123\001\330\337\353\331  
\346\166\357\320\043\273\073\251\171\263\325\002\051\315\211\243  
\226\017\112\065\347\116\102\300\165\315\007\317\346\054\353\173  
\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "CFCA EV ROOT"

# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Serial Number: 407555286 (0x184accd6)

# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Not Valid Before: Wed Aug 08 03:07:01 2012

# Not Valid After : Mon Dec 31 03:07:01 2029

# Fingerprint (SHA-256):

5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD

# Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "CFCA EV ROOT"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\342\270\051\113\125\204\253\153\130\302\220\106\154\254\077\270
\071\217\204\203
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\164\341\266\355\046\172\172\104\060\063\224\253\173\047\201\060
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\030\112\314\326
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GB CA"
#
# Issuer: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number:76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0
# Subject: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Mon Dec 01 15:00:32 2014
# Not Valid After : Thu Dec 01 15:10:31 2039
# Fingerprint (SHA-256):
6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6
# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GB CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154

```



\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366  
\302\300  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\265\060\202\002\235\240\003\002\001\002\002\020\166  
\261\040\122\164\360\205\207\106\263\370\043\032\366\302\300\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\155  
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060  
\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061  
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040  
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162  
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111  
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142  
\141\154\040\122\157\157\164\040\107\102\040\103\101\060\036\027  
\015\061\064\061\062\060\061\061\065\060\060\063\062\132\027\015  
\063\071\061\062\060\061\061\065\061\060\063\061\132\060\155\061  
\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016  
\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061\042  
\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106  
\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163  
\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123  
\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141  
\154\040\122\157\157\164\040\107\102\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\330\027\267  
\034\112\044\052\326\227\261\312\342\036\373\175\070\357\230\365  
\262\071\230\116\047\270\021\135\173\322\045\224\210\202\025\046  
\152\033\061\273\250\133\041\041\053\330\017\116\237\132\361\261  
\132\344\171\326\062\043\053\341\123\314\231\105\134\173\117\255  
\274\277\207\112\013\113\227\132\250\366\110\354\175\173\015\315  
\041\006\337\236\025\375\101\212\110\267\040\364\241\172\033\127  
\324\135\120\377\272\147\330\043\231\037\310\077\343\336\377\157  
\133\167\261\153\156\270\311\144\367\341\312\101\106\016\051\161  
\320\271\043\374\311\201\137\116\367\157\337\277\204\255\163\144  
\273\267\102\216\151\366\324\166\035\176\235\247\270\127\212\121

\147\162\327\324\250\270\225\124\100\163\003\366\352\364\353\376  
\050\102\167\077\235\043\033\262\266\075\200\024\007\114\056\117  
\367\325\012\026\015\275\146\103\067\176\043\103\171\303\100\206  
\365\114\051\332\216\232\255\015\245\004\207\210\036\205\343\351  
\123\325\233\310\213\003\143\170\353\340\031\112\156\273\057\153  
\063\144\130\223\255\151\277\217\033\357\202\110\307\002\003\001  
\000\001\243\121\060\117\060\013\006\003\125\035\017\004\004\003  
\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\065  
\017\310\066\143\136\342\243\354\371\073\146\025\316\121\122\343  
\221\232\075\060\020\006\011\053\006\001\004\001\202\067\025\001  
\004\003\002\001\000\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\100\114\373\207\262\231\201  
\220\176\235\305\260\260\046\315\210\173\053\062\215\156\270\041  
\161\130\227\175\256\067\024\257\076\347\367\232\342\175\366\161  
\230\231\004\252\103\164\170\243\343\111\141\076\163\214\115\224  
\340\371\161\304\266\026\016\123\170\037\326\242\207\057\002\071  
\201\051\074\257\025\230\041\060\376\050\220\000\214\321\341\313  
\372\136\310\375\370\020\106\073\242\170\102\221\027\164\125\012  
\336\120\147\115\146\321\247\377\375\331\300\265\250\243\212\316  
\146\365\017\103\315\247\053\127\173\143\106\152\252\056\122\330  
\364\355\341\155\255\051\220\170\110\272\341\043\252\243\211\354  
\265\253\226\300\264\113\242\035\227\236\172\362\156\100\161\337  
\150\361\145\115\316\174\005\337\123\145\251\245\360\261\227\004  
\160\025\106\003\230\324\322\277\124\264\240\130\175\122\157\332  
\126\046\142\324\330\333\211\061\157\034\360\042\302\323\142\034  
\065\315\114\151\025\124\032\220\230\336\353\036\137\312\167\307  
\313\216\075\103\151\234\232\130\320\044\073\337\033\100\226\176  
\065\255\201\307\116\161\272\210\023

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "OISTE WISEKey Global Root GB CA"

# Issuer: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Serial Number:76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0

# Subject: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Not Valid Before: Mon Dec 01 15:00:32 2014

# Not Valid After : Thu Dec 01 15:10:31 2039

# Fingerprint (SHA-256):

6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6

# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "OISTE WISEKey Global Root GB CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\017\371\100\166\030\323\327\152\113\230\360\250\065\236\014\375  
\047\254\314\355

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\244\353\271\141\050\056\267\057\230\260\065\046\220\231\121\035

END

CKA\_ISSUER MULTILINE\_OCTAL  
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366  
\302\300

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SZAFIR ROOT CA2"

#

# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

# Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4

# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

# Not Valid Before: Mon Oct 19 07:43:30 2015

# Not Valid After : Fri Oct 19 07:43:30 2035

# Fingerprint (SHA-256):

A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE

# Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SZAFIR ROOT CA2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL  
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167  
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156  
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125  
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040

```
\103\101\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\162\060\202\002\132\240\003\002\001\002\002\024\076
\212\135\007\354\125\322\062\325\267\343\266\137\001\353\055\334
\344\326\344\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\121\061\013\060\011\006\003\125\004\006\023\002\120
\114\061\050\060\046\006\003\125\004\012\014\037\113\162\141\152
\157\167\141\040\111\172\142\141\040\122\157\172\154\151\143\172
\145\156\151\157\167\141\040\123\056\101\056\061\030\060\026\006
\003\125\004\003\014\017\123\132\101\106\111\122\040\122\117\117
\124\040\103\101\062\060\036\027\015\061\065\061\060\061\071\060
\067\064\063\063\060\132\027\015\063\065\061\060\061\071\060\067
\064\063\063\060\132\060\121\061\013\060\011\006\003\125\004\006
\023\002\120\114\061\050\060\046\006\003\125\004\012\014\037\113
\162\141\152\157\167\141\040\111\172\142\141\040\122\157\172\154
\151\143\172\145\156\151\157\167\141\040\123\056\101\056\061\030
\060\026\006\003\125\004\003\014\017\123\132\101\106\111\122\040
\122\117\117\124\040\103\101\062\060\202\001\042\060\015\006\011
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000
\060\202\001\012\002\202\001\001\000\267\274\076\120\250\113\315
\100\265\316\141\347\226\312\264\241\332\014\042\260\372\265\173
\166\000\167\214\013\317\175\250\206\314\046\121\344\040\075\205
\014\326\130\343\347\364\052\030\235\332\321\256\046\356\353\123
\334\364\220\326\023\112\014\220\074\303\364\332\322\216\015\222
\072\334\261\261\377\070\336\303\272\055\137\200\271\002\275\112
\235\033\017\264\303\302\301\147\003\335\334\033\234\075\263\260
\336\000\036\250\064\107\273\232\353\376\013\024\275\066\204\332
\015\040\277\372\133\313\251\026\040\255\071\140\356\057\165\266
\347\227\234\371\076\375\176\115\157\115\057\357\210\015\152\372
\335\361\075\156\040\245\240\022\264\115\160\271\316\327\162\073
\211\223\247\200\204\034\047\111\162\111\265\377\073\225\236\301
\314\310\001\354\350\016\212\012\226\347\263\246\207\345\326\371
\005\053\015\227\100\160\074\272\254\165\132\234\325\115\235\002
\012\322\113\233\146\113\106\007\027\145\255\237\154\210\000\334
```

```
\042\211\340\341\144\324\147\274\061\171\141\074\273\312\101\315
\134\152\000\310\074\070\216\130\257\002\003\001\000\001\243\102
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\056\026
\251\112\030\265\313\314\365\157\120\363\043\137\370\135\347\254
\360\310\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\003\202\001\001\000\265\163\370\003\334\131\133\035\166\351
\243\052\173\220\050\262\115\300\063\117\252\232\261\324\270\344
\047\377\251\226\231\316\106\340\155\174\114\242\070\244\006\160
\360\364\101\021\354\077\107\215\077\162\207\371\073\375\244\157
\053\123\000\340\377\071\271\152\007\016\353\035\034\366\242\162
\220\313\202\075\021\202\213\322\273\237\052\257\041\346\143\206
\235\171\031\357\367\273\014\065\220\303\212\355\117\017\365\314
\022\331\244\076\273\240\374\040\225\137\117\046\057\021\043\203
\116\165\007\017\277\233\321\264\035\351\020\004\376\312\140\217
\242\114\270\255\317\341\220\017\315\256\012\307\135\173\267\120
\322\324\141\372\325\025\333\327\237\207\121\124\353\245\343\353
\311\205\240\045\040\067\373\216\316\014\064\204\341\074\201\262
\167\116\103\245\210\137\206\147\241\075\346\264\134\141\266\076
\333\376\267\050\305\242\007\256\265\312\312\215\052\022\357\227
\355\302\060\244\311\052\172\373\363\115\043\033\231\063\064\240
\056\365\251\013\077\324\135\341\317\204\237\342\031\302\137\212
\326\040\036\343\163\267
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SZAFIR ROOT CA2"
```

```
# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
```

```
# Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4
```

```
# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
```

```
# Not Valid Before: Mon Oct 19 07:43:30 2015
```

```
# Not Valid After : Fri Oct 19 07:43:30 2035
```

```
# Fingerprint (SHA-256):
```

```
A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE
```

```
# Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SZAFIR ROOT CA2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\342\122\372\225\077\355\333\044\140\275\156\050\363\234\314\317
\136\263\077\336
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167  
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156  
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125  
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040  
\103\101\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001  
\353\055\334\344\326\344

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Certum Trusted Network CA 2"

#

# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9

# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Not Valid Before: Thu Oct 06 08:39:56 2011

# Not Valid After : Sat Oct 06 08:39:56 2046

# Fingerprint (SHA-256):

B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04

# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum Trusted Network CA 2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060  
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060  
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\041\326\320\112\117\045\017\311\062\067\374\252\136\022  
\215\351

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\322\060\202\003\272\240\003\002\001\002\002\020\041  
\326\320\112\117\045\017\311\062\067\374\252\136\022\215\351\060  
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\201  
\200\061\013\060\011\006\003\125\004\006\023\002\120\114\061\042  
\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164\157  
\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123\056  
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162  
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\044\060\042\006  
\003\125\004\003\023\033\103\145\162\164\165\155\040\124\162\165  
\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101\040  
\062\060\042\030\017\062\060\061\061\061\060\060\066\060\070\063  
\071\065\066\132\030\017\062\060\064\066\061\060\060\066\060\070  
\063\071\065\066\132\060\201\200\061\013\060\011\006\003\125\004  
\006\023\002\120\114\061\042\060\040\006\003\125\004\012\023\031  
\125\156\151\172\145\164\157\040\124\145\143\150\156\157\154\157  
\147\151\145\163\040\123\056\101\056\061\047\060\045\006\003\125  
\004\013\023\036\103\145\162\164\165\155\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\061\044\060\042\006\003\125\004\003\023\033\103\145\162  
\164\165\155\040\124\162\165\163\164\145\144\040\116\145\164\167  
\157\162\153\040\103\101\040\062\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\275\371\170\370\346\325\200  
\014\144\235\206\033\226\144\147\077\042\072\036\165\001\175\357  
\373\134\147\214\311\314\134\153\251\221\346\271\102\345\040\113  
\233\332\233\173\271\231\135\331\233\200\113\327\204\100\053\047  
\323\350\272\060\273\076\011\032\247\111\225\357\053\100\044\302  
\227\307\247\356\233\045\357\250\012\000\227\205\132\252\235\334  
\051\311\342\065\007\353\160\115\112\326\301\263\126\270\241\101

\070\233\321\373\061\177\217\340\137\341\261\077\017\216\026\111  
\140\327\006\215\030\371\252\046\020\253\052\323\320\321\147\215  
\033\106\276\107\060\325\056\162\321\305\143\332\347\143\171\104  
\176\113\143\044\211\206\056\064\077\051\114\122\213\052\247\300  
\342\221\050\211\271\300\133\371\035\331\347\047\255\377\232\002  
\227\301\306\120\222\233\002\054\275\251\271\064\131\012\277\204  
\112\377\337\376\263\237\353\331\236\340\230\043\354\246\153\167  
\026\052\333\314\255\073\034\244\207\334\106\163\136\031\142\150  
\105\127\344\220\202\102\273\102\326\360\141\340\301\243\075\146  
\243\135\364\030\356\210\311\215\027\105\051\231\062\165\002\061  
\356\051\046\310\153\002\346\265\142\105\177\067\025\132\043\150  
\211\324\076\336\116\047\260\360\100\014\274\115\027\313\115\242  
\263\036\320\006\132\335\366\223\317\127\165\231\365\372\206\032  
\147\170\263\277\226\376\064\334\275\347\122\126\345\263\345\165  
\173\327\101\221\005\334\135\151\343\225\015\103\271\374\203\226  
\071\225\173\154\200\132\117\023\162\306\327\175\051\172\104\272  
\122\244\052\325\101\106\011\040\376\042\240\266\133\060\215\274  
\211\014\325\327\160\370\207\122\375\332\357\254\121\056\007\263  
\116\376\320\011\332\160\357\230\372\126\346\155\333\265\127\113  
\334\345\054\045\025\310\236\056\170\116\370\332\234\236\206\054  
\312\127\363\032\345\310\222\213\032\202\226\172\303\274\120\022  
\151\330\016\132\106\213\072\353\046\372\043\311\266\260\201\276  
\102\000\244\370\326\376\060\056\307\322\106\366\345\216\165\375  
\362\314\271\320\207\133\314\006\020\140\273\203\065\267\136\147  
\336\107\354\231\110\361\244\241\025\376\255\214\142\216\071\125  
\117\071\026\271\261\143\235\377\267\002\003\001\000\001\243\102  
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\035\006\003\125\035\016\004\026\004\024\266\241  
\124\071\002\303\240\077\216\212\274\372\324\370\034\246\321\072  
\016\375\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\015\006\011\052\206\110\206\367\015\001\001\015\005  
\000\003\202\002\001\000\161\245\016\316\344\351\277\077\070\325  
\211\132\304\002\141\373\114\305\024\027\055\213\117\123\153\020  
\027\374\145\204\307\020\111\220\336\333\307\046\223\210\046\157  
\160\326\002\136\071\240\367\217\253\226\265\245\023\134\201\024  
\155\016\201\202\021\033\212\116\306\117\245\335\142\036\104\337  
\011\131\364\133\167\013\067\351\213\040\306\370\012\116\056\130  
\034\353\063\320\317\206\140\311\332\373\200\057\236\114\140\204  
\170\075\041\144\326\373\101\037\030\017\347\311\165\161\275\275  
\134\336\064\207\076\101\260\016\366\271\326\077\011\023\226\024  
\057\336\232\035\132\271\126\316\065\072\260\137\160\115\136\343  
\051\361\043\050\162\131\266\253\302\214\146\046\034\167\054\046  
\166\065\213\050\247\151\240\371\073\365\043\335\205\020\164\311  
\220\003\126\221\347\257\272\107\324\022\227\021\042\343\242\111  
\224\154\347\267\224\113\272\055\244\332\063\213\114\246\104\377  
\132\074\306\035\144\330\265\061\344\246\074\172\250\127\013\333  
\355\141\032\313\361\316\163\167\143\244\207\157\114\121\070\326  
\344\137\307\237\266\201\052\344\205\110\171\130\136\073\370\333



```
\002\202\147\301\071\333\303\164\113\075\066\036\371\051\223\210
\150\133\250\104\031\041\360\247\350\201\015\054\350\223\066\264
\067\262\312\260\033\046\172\232\045\037\232\232\200\236\113\052
\077\373\243\232\376\163\062\161\302\236\306\162\341\212\150\047
\361\344\017\264\304\114\245\141\223\370\227\020\007\052\060\045
\251\271\310\161\270\357\150\314\055\176\365\340\176\017\202\250
\157\266\272\154\203\103\167\315\212\222\027\241\236\133\170\026
\075\105\342\063\162\335\341\146\312\231\323\311\305\046\375\015
\150\004\106\256\266\331\233\214\276\031\276\261\306\362\031\343
\134\002\312\054\330\157\112\007\331\311\065\332\100\165\362\304
\247\031\157\236\102\020\230\165\346\225\213\140\274\355\305\022
\327\212\316\325\230\134\126\226\003\305\356\167\006\065\377\317
\344\356\077\023\141\356\333\332\055\205\360\315\256\235\262\030
\011\105\303\222\241\162\027\374\107\266\240\013\054\361\304\336
\103\150\010\152\137\073\360\166\143\373\314\006\054\246\306\342
\016\265\271\276\044\217
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "Certum Trusted Network CA 2"

# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL

# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9

# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL

# Not Valid Before: Thu Oct 06 08:39:56 2011

# Not Valid After : Sat Oct 06 08:39:56 2046

# Fingerprint (SHA-256):

B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04

# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\323\335\110\076\053\277\114\005\350\257\020\365\372\166\046\317
\323\334\060\222
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\155\106\236\331\045\155\010\043\133\136\164\175\036\047\333\362
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040
```

```
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103
\101\040\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\041\326\320\112\117\045\017\311\062\067\374\252\136\022
\215\351
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Hellenic Academic and Research Institutions RootCA 2015"

#

# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

# Not Valid Before: Tue Jul 07 10:11:21 2015

# Not Valid After : Sat Jun 30 10:11:21 2040

# Fingerprint (SHA-256):

A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36

# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003  
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157  
\157\164\103\101\040\062\060\061\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\013\060\202\003\363\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122\061  
\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156\163  
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145  
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144  
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164  
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164  
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023  
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155  
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040  
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157  
\164\103\101\040\062\060\061\065\060\036\027\015\061\065\060\067  
\060\067\061\060\061\061\062\061\132\027\015\064\060\060\066\063  
\060\061\060\061\061\062\061\132\060\201\246\061\013\060\011\006  
\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125\004  
\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003\125  
\004\012\023\073\110\145\154\154\145\156\151\143\040\101\143\141  
\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141\162  
\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163\040  
\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171\061  
\100\060\076\006\003\125\004\003\023\067\110\145\154\154\145\156  
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040  
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165  
\164\151\157\156\163\040\122\157\157\164\103\101\040\062\060\061  
\065\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\302\370\251\077\033\211\374\074\074\004\135\075\220\066  
\260\221\072\171\074\146\132\357\155\071\001\111\032\264\267\317  
\177\115\043\123\267\220\000\343\023\052\050\246\061\361\221\000

\343\050\354\256\041\101\316\037\332\375\175\022\133\001\203\017  
\271\260\137\231\341\362\022\203\200\115\006\076\337\254\257\347  
\241\210\153\061\257\360\213\320\030\063\270\333\105\152\064\364  
\002\200\044\050\012\002\025\225\136\166\052\015\231\072\024\133  
\366\313\313\123\274\023\115\001\210\067\224\045\033\102\274\042  
\330\216\243\226\136\072\331\062\333\076\350\360\020\145\355\164  
\341\057\247\174\257\047\064\273\051\175\233\266\317\011\310\345  
\323\012\374\210\145\145\164\012\334\163\034\134\315\100\261\034  
\324\266\204\214\114\120\317\150\216\250\131\256\302\047\116\202  
\242\065\335\024\364\037\377\262\167\325\207\057\252\156\175\044  
\047\347\306\313\046\346\345\376\147\007\143\330\105\015\335\072  
\131\145\071\130\172\222\231\162\075\234\204\136\210\041\270\325  
\364\054\374\331\160\122\117\170\270\275\074\053\213\225\230\365  
\263\321\150\317\040\024\176\114\134\137\347\213\345\365\065\201  
\031\067\327\021\010\267\146\276\323\112\316\203\127\000\072\303  
\201\370\027\313\222\066\135\321\243\330\165\033\341\213\047\352  
\172\110\101\375\105\031\006\255\047\231\116\301\160\107\335\265  
\237\201\123\022\345\261\214\110\135\061\103\027\343\214\306\172  
\143\226\113\051\060\116\204\116\142\031\136\074\316\227\220\245  
\177\001\353\235\340\370\213\211\335\045\230\075\222\266\176\357  
\331\361\121\121\175\055\046\310\151\131\141\340\254\152\270\052  
\066\021\004\172\120\275\062\204\276\057\334\162\325\327\035\026  
\107\344\107\146\040\077\364\226\305\257\216\001\172\245\017\172  
\144\365\015\030\207\331\256\210\325\372\204\301\072\300\151\050  
\055\362\015\150\121\252\343\245\167\306\244\220\016\241\067\213  
\061\043\107\301\011\010\353\156\367\170\233\327\202\374\204\040  
\231\111\031\266\022\106\261\373\105\125\026\251\243\145\254\234  
\007\017\352\153\334\037\056\006\162\354\206\210\022\344\055\333  
\137\005\057\344\360\003\323\046\063\347\200\302\315\102\241\027  
\064\013\002\003\001\000\001\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\161\025\147\310\310\311\275\165\135  
\162\320\070\030\152\235\363\161\044\124\013\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\165  
\273\155\124\113\252\020\130\106\064\362\142\327\026\066\135\010  
\136\325\154\310\207\275\264\056\106\362\061\370\174\352\102\265  
\223\026\125\334\241\014\022\240\332\141\176\017\130\130\163\144  
\162\307\350\105\216\334\251\362\046\077\306\171\214\261\123\010  
\063\201\260\126\023\276\346\121\134\330\233\012\117\113\234\126  
\123\002\351\117\366\015\140\352\115\102\125\350\174\033\041\041  
\323\033\072\314\167\362\270\220\361\150\307\371\132\376\372\055  
\364\277\311\365\105\033\316\070\020\052\067\212\171\243\264\343  
\011\154\205\206\223\377\211\226\047\170\201\217\147\343\106\164  
\124\216\331\015\151\342\112\364\115\164\003\377\262\167\355\225  
\147\227\344\261\305\253\277\152\043\350\324\224\342\104\050\142  
\304\113\342\360\330\342\051\153\032\160\176\044\141\223\173\117  
\003\062\045\015\105\044\053\226\264\106\152\277\112\013\367\232

```
\217\301\254\032\305\147\363\157\064\322\372\163\143\214\357\026
\260\250\244\106\052\370\353\022\354\162\264\357\370\053\176\214
\122\300\213\204\124\371\057\076\343\125\250\334\146\261\331\341
\137\330\263\214\131\064\131\244\253\117\154\273\037\030\333\165
\253\330\313\222\315\224\070\141\016\007\006\037\113\106\020\361
\025\276\215\205\134\073\112\053\201\171\017\264\151\237\111\120
\227\115\367\016\126\135\300\225\152\302\066\303\033\150\311\365
\052\334\107\232\276\262\316\305\045\350\372\003\271\332\371\026
\156\221\204\365\034\050\310\374\046\314\327\034\220\126\247\137
\157\072\004\274\315\170\211\013\216\017\057\243\252\117\242\033
\022\075\026\010\100\017\361\106\114\327\252\173\010\301\012\365
\155\047\336\002\217\312\303\265\053\312\351\353\310\041\123\070
\245\314\073\330\167\067\060\242\117\331\157\321\362\100\255\101
\172\027\305\326\112\065\211\267\101\325\174\206\177\125\115\203
\112\245\163\040\300\072\257\220\361\232\044\216\331\216\161\312
\173\270\206\332\262\217\231\076\035\023\015\022\021\356\324\253
\360\351\025\166\002\344\340\337\252\040\036\133\141\205\144\100
\251\220\227\015\255\123\322\132\035\207\152\000\227\145\142\264
\276\157\152\247\365\054\102\355\062\255\266\041\236\276\274
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Hellenic Academic and Research Institutions RootCA 2015"
```

```
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
```

```
# Not Valid Before: Tue Jul 07 10:11:21 2015
```

```
# Not Valid After : Sat Jun 30 10:11:21 2040
```

```
# Fingerprint (SHA-256):
```

```
A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36
```

```
# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\001\014\006\225\246\230\031\024\377\277\137\306\260\266\225\352
```

```
\051\351\022\246
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\312\377\342\333\003\331\313\113\351\017\255\204\375\173\030\316
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157
\157\164\103\101\040\062\060\061\065
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\000
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Hellenic Academic and Research Institutions ECC RootCA 2015"

#

# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and  
Research Institutions Cert. Authority,L=Athens,C=GR

# Not Valid Before: Tue Jul 07 10:37:12 2015

# Not Valid After : Sat Jun 30 10:37:12 2040

# Fingerprint (SHA-256):

44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33

# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145
```

\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\303\060\202\002\112\240\003\002\001\002\002\001\000  
\060\012\006\010\052\206\110\316\075\004\003\002\060\201\252\061  
\013\060\011\006\003\125\004\006\023\002\107\122\061\017\060\015  
\006\003\125\004\007\023\006\101\164\150\145\156\163\061\104\060  
\102\006\003\125\004\012\023\073\110\145\154\154\145\156\151\143  
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145  
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151  
\157\156\163\040\103\145\162\164\056\040\101\165\164\150\157\162  
\151\164\171\061\104\060\102\006\003\125\004\003\023\073\110\145  
\154\154\145\156\151\143\040\101\143\141\144\145\155\151\143\040  
\141\156\144\040\122\145\163\145\141\162\143\150\040\111\156\163  
\164\151\164\165\164\151\157\156\163\040\105\103\103\040\122\157  
\157\164\103\101\040\062\060\061\065\060\036\027\015\061\065\060  
\067\060\067\061\060\063\067\061\062\132\027\015\064\060\060\066  
\063\060\061\060\063\067\061\062\132\060\201\252\061\013\060\011  
\006\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125  
\004\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003  
\125\004\012\023\073\110\145\154\154\145\156\151\143\040\101\143  
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141  
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163  
\040\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171  
\061\104\060\102\006\003\125\004\003\023\073\110\145\154\154\145  
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144  
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164  
\165\164\151\157\156\163\040\105\103\103\040\122\157\157\164\103  
\101\040\062\060\061\065\060\166\060\020\006\007\052\206\110\316

```
\075\002\001\006\005\053\201\004\000\042\003\142\000\004\222\240
\101\350\113\202\204\134\342\370\061\021\231\206\144\116\011\045
\057\235\101\057\012\256\065\117\164\225\262\121\144\153\215\153
\346\077\160\225\360\005\104\107\246\162\070\120\166\225\002\132
\216\256\050\236\371\055\116\231\357\054\110\157\114\045\051\350
\321\161\133\337\035\301\165\067\264\327\372\173\172\102\234\152
\012\126\132\174\151\013\252\200\011\044\154\176\301\106\243\102
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\264\042
\013\202\231\044\001\016\234\273\344\016\375\277\373\227\040\223
\231\052\060\012\006\010\052\206\110\316\075\004\003\002\003\147
\000\060\144\002\060\147\316\026\142\070\242\254\142\105\247\251
\225\044\300\032\047\234\062\073\300\300\325\272\251\347\370\004
\103\123\205\356\122\041\336\235\365\045\203\076\236\130\113\057
\327\147\023\016\041\002\060\005\341\165\001\336\150\355\052\037
\115\114\011\010\015\354\113\255\144\027\050\347\165\316\105\145
\162\041\027\313\042\101\016\214\023\230\070\232\124\155\233\312
\342\174\352\002\130\042\221
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Hellenic Academic and Research Institutions ECC RootCA 2015"
```

```
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research
Institutions Cert. Authority,L=Athens,C=GR
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and
Research Institutions Cert. Authority,L=Athens,C=GR
```

```
# Not Valid Before: Tue Jul 07 10:37:12 2015
```

```
# Not Valid After : Sat Jun 30 10:37:12 2040
```

```
# Fingerprint (SHA-256):
```

```
44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33
```

```
# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\237\361\161\215\222\325\232\363\175\164\227\264\274\157\204\150
\013\272\266\146
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\201\345\264\027\353\302\365\341\113\015\101\173\111\222\376\357
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```



```
\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103
\103\040\122\157\157\164\103\101\040\062\060\061\065
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\000
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "ISRG Root X1"

#

# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US

# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00

# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US

# Not Valid Before: Thu Jun 04 11:04:38 2015

# Not Valid After : Mon Jun 04 11:04:38 2035

# Fingerprint (SHA-256):

96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6

# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ISRG Root X1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
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\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
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CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "ISRG Root X1"
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Not Valid Before: Thu Jun 04 11:04:38 2015
# Not Valid After : Mon Jun 04 11:04:38 2035
# Fingerprint (SHA-256):
96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6
# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\312\275\052\171\241\007\152\061\362\035\045\066\065\313\003\235
\103\051\245\350
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\014\322\371\340\332\027\163\351\355\206\115\245\343\160\347\116
END
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
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\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
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\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
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\202\213\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AC RAIZ FNMT-RCM"
#

```

```
# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid Before: Wed Oct 29 15:59:56 2008
# Not Valid After : Tue Jan 01 00:00:00 2030
# Fingerprint (SHA-256):
EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA
# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
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\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
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\274\254\035\225\267\151\141\362\103\221\164\346\240\323\012\044  
\106\241\010\257\326\332\105\031\226\324\123\035\133\204\171\360  
\300\367\107\357\213\217\305\006\256\235\114\142\235\377\106\004  
\370\323\311\266\020\045\100\165\376\026\252\311\112\140\206\057  
\272\357\060\167\344\124\342\270\204\231\130\200\252\023\213\121  
\072\117\110\366\213\266\263

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "AC RAIZ FNMT-RCM"

# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07

# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Not Valid Before: Wed Oct 29 15:59:56 2008

# Not Valid After : Tue Jan 01 00:00:00 2030

# Fingerprint (SHA-256):

EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA

# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AC RAIZ FNMT-RCM"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\354\120\065\007\262\025\304\225\142\031\342\250\232\133\102\231  
\054\114\054\040

END

```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\342\011\004\264\323\275\321\240\024\375\032\322\107\304\127\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151
\007
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 1"
#
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sun Jan 17 00:00:00 2038
# Fingerprint (SHA-256):
8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E
# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END

```



CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103  
\346\226\066\133\312

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\101\060\202\002\051\240\003\002\001\002\002\023\006  
\154\237\317\231\277\214\012\071\342\360\170\212\103\346\226\066  
\133\312\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157  
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172  
\157\156\040\122\157\157\164\040\103\101\040\061\060\036\027\015  
\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\063  
\070\060\061\061\067\060\060\060\060\060\132\060\071\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006  
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027  
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157  
\157\164\040\103\101\040\061\060\202\001\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060  
\202\001\012\002\202\001\001\000\262\170\200\161\312\170\325\343  
\161\257\107\200\120\164\175\156\330\327\210\166\364\231\150\367  
\130\041\140\371\164\204\001\057\254\002\055\206\323\240\103\172  
\116\262\244\320\066\272\001\276\215\333\110\310\007\027\066\114  
\364\356\210\043\307\076\353\067\365\265\031\370\111\150\260\336  
\327\271\166\070\035\141\236\244\376\202\066\245\345\112\126\344  
\105\341\371\375\264\026\372\164\332\234\233\065\071\057\372\260  
\040\120\006\154\172\320\200\262\246\371\257\354\107\031\217\120  
\070\007\334\242\207\071\130\370\272\325\251\371\110\147\060\226  
\356\224\170\136\157\211\243\121\300\060\206\146\241\105\146\272  
\124\353\243\303\221\371\110\334\377\321\350\060\055\175\055\164  
\160\065\327\210\044\367\236\304\131\156\273\163\207\027\362\062  
\106\050\270\103\372\267\035\252\312\264\362\237\044\016\055\113  
\367\161\134\136\151\377\352\225\002\313\070\212\256\120\070\157  
\333\373\055\142\033\305\307\036\124\341\167\340\147\310\017\234  
\207\043\326\077\100\040\177\040\200\304\200\114\076\073\044\046  
\216\004\256\154\232\310\252\015\002\003\001\000\001\243\102\060  
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\035\006\003\125\035\016\004\026\004\024\204\030\314  
\205\064\354\274\014\224\224\056\010\131\234\307\262\020\116\012  
\010\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\003\202\001\001\000\230\362\067\132\101\220\241\032\305\166\121  
\050\040\066\043\016\256\346\050\273\252\370\224\256\110\244\060  
\177\033\374\044\215\113\264\310\241\227\366\266\361\172\160\310  
\123\223\314\010\050\343\230\045\317\043\244\371\336\041\323\174  
\205\011\255\116\232\165\072\302\013\152\211\170\166\104\107\030  
\145\154\215\101\216\073\177\232\313\364\265\247\120\327\005\054  
\067\350\003\113\255\351\141\240\002\156\365\362\360\305\262\355

```
\133\267\334\372\224\134\167\236\023\245\177\122\255\225\362\370
\223\073\336\213\134\133\312\132\122\133\140\257\024\367\113\357
\243\373\237\100\225\155\061\124\374\102\323\307\106\037\043\255
\331\017\110\160\232\331\165\170\161\321\162\103\064\165\156\127
\131\302\002\134\046\140\051\317\043\031\026\216\210\103\245\324
\344\313\010\373\043\021\103\350\103\051\162\142\241\251\135\136
\010\324\220\256\270\330\316\024\302\320\125\362\206\366\304\223
\103\167\146\141\300\271\350\101\327\227\170\140\003\156\112\162
\256\245\321\175\272\020\236\206\154\033\212\271\131\063\370\353
\304\220\276\361\271
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Amazon Root CA 1"
```

```
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
```

```
# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca
```

```
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
```

```
# Not Valid Before: Tue May 26 00:00:00 2015
```

```
# Not Valid After : Sun Jan 17 00:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E
```

```
# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Amazon Root CA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\215\247\371\145\354\136\374\067\221\017\034\156\131\375\301\314
\152\156\336\026
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\103\306\277\256\354\376\255\057\030\306\210\150\060\374\310\346
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Amazon Root CA 2"

#

# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US

# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37

# Subject: CN=Amazon Root CA 2,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sat May 26 00:00:00 2040

# Fingerprint (SHA-256):

1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4

# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Amazon Root CA 2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156

\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157

\156\040\122\157\157\164\040\103\101\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156

\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157

\156\040\122\157\157\164\040\103\101\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370

\133\046\273\212\067

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\101\060\202\003\051\240\003\002\001\002\002\023\006

\154\237\322\226\065\206\237\012\017\345\206\170\370\133\046\273

\212\067\060\015\006\011\052\206\110\206\367\015\001\001\014\005

\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123

\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157

\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172

\157\156\040\122\157\157\164\040\103\101\040\062\060\036\027\015

\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\064

\060\060\065\062\066\060\060\060\060\060\060\132\060\071\061\013

\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006

\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027  
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157  
\157\164\040\103\101\040\062\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\255\226\237\055\234\112\114\112  
\201\171\121\231\354\212\313\153\140\121\023\274\115\155\006\374  
\260\010\215\335\031\020\152\307\046\014\065\330\300\157\040\204  
\351\224\261\233\205\003\303\133\333\112\350\310\370\220\166\331  
\133\117\343\114\350\006\066\115\314\232\254\075\014\220\053\222  
\324\006\031\140\254\067\104\171\205\201\202\255\132\067\340\015  
\314\235\246\114\122\166\352\103\235\267\004\321\120\366\125\340  
\325\322\246\111\205\351\067\351\312\176\256\134\225\115\110\232  
\077\256\040\132\155\210\225\331\064\270\122\032\103\220\260\277  
\154\005\271\266\170\267\352\320\344\072\074\022\123\142\377\112  
\362\173\276\065\005\251\022\064\343\363\144\164\142\054\075\000  
\111\132\050\376\062\104\273\207\335\145\047\002\161\073\332\112  
\367\037\332\315\367\041\125\220\117\017\354\256\202\341\237\153  
\331\105\323\273\360\137\207\355\074\054\071\206\332\077\336\354  
\162\125\353\171\243\255\333\335\174\260\272\034\316\374\336\117  
\065\166\317\017\370\170\037\152\066\121\106\047\141\133\351\236  
\317\360\242\125\175\174\045\212\157\057\264\305\317\204\056\053  
\375\015\121\020\154\373\137\033\274\033\176\305\256\073\230\001  
\061\222\377\013\127\364\232\262\271\127\351\253\357\015\166\321  
\360\356\364\316\206\247\340\156\351\264\151\241\337\151\366\063  
\306\151\056\227\023\236\245\207\260\127\020\201\067\311\123\263  
\273\177\366\222\321\234\320\030\364\222\156\332\203\117\246\143  
\231\114\245\373\136\357\041\144\172\040\137\154\144\205\025\313  
\067\351\142\014\013\052\026\334\001\056\062\332\076\113\365\236  
\072\366\027\100\224\357\236\221\010\206\372\276\143\250\132\063  
\354\313\164\103\225\371\154\151\122\066\307\051\157\374\125\003  
\134\037\373\237\275\107\353\347\111\107\225\013\116\211\042\011  
\111\340\365\141\036\361\277\056\212\162\156\200\131\377\127\072  
\371\165\062\243\116\137\354\355\050\142\331\115\163\362\314\201  
\027\140\355\315\353\334\333\247\312\305\176\002\275\362\124\010  
\124\375\264\055\011\054\027\124\112\230\321\124\341\121\147\010  
\322\355\156\176\157\077\322\055\201\131\051\146\313\220\071\225  
\021\036\164\047\376\335\353\257\002\003\001\000\001\243\102\060  
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\035\006\003\125\035\016\004\026\004\024\260\014\360  
\114\060\364\005\130\002\110\375\063\345\122\257\113\204\343\146  
\122\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000  
\003\202\002\001\000\252\250\200\217\016\170\243\340\242\324\315  
\346\365\230\172\073\352\000\003\260\227\016\223\274\132\250\366  
\054\214\162\207\251\261\374\177\163\375\143\161\170\245\207\131  
\317\060\341\015\020\262\023\132\155\202\365\152\346\200\237\240  
\005\013\150\344\107\153\307\152\337\266\375\167\062\162\345\030  
\372\011\364\240\223\054\135\322\214\165\205\166\145\220\014\003

\171\267\061\043\143\255\170\203\011\206\150\204\312\377\371\317  
\046\232\222\171\347\315\113\305\347\141\247\027\313\363\251\022  
\223\223\153\247\350\057\123\222\304\140\130\260\314\002\121\030  
\133\205\215\142\131\143\266\255\264\336\232\373\046\367\000\047  
\300\135\125\067\164\231\311\120\177\343\131\056\104\343\054\045  
\356\354\114\062\167\264\237\032\351\113\135\040\305\332\375\034  
\207\026\306\103\350\324\273\046\232\105\160\136\251\013\067\123  
\342\106\173\047\375\340\106\362\211\267\314\102\266\313\050\046  
\156\331\245\311\072\310\101\023\140\367\120\214\025\256\262\155  
\032\025\032\127\170\346\222\052\331\145\220\202\077\154\002\257  
\256\022\072\047\226\066\004\327\035\242\200\143\251\233\361\345  
\272\264\174\024\260\116\311\261\037\164\137\070\366\121\352\233  
\372\054\242\021\324\251\055\047\032\105\261\257\262\116\161\015  
\300\130\106\326\151\006\313\123\313\263\376\153\101\315\101\176  
\175\114\017\174\162\171\172\131\315\136\112\016\254\233\251\230  
\163\171\174\264\364\314\271\270\007\014\262\164\134\270\307\157  
\210\241\220\247\364\252\371\277\147\072\364\032\025\142\036\267  
\237\276\075\261\051\257\147\241\022\362\130\020\031\123\003\060  
\033\270\032\211\366\234\275\227\003\216\243\011\363\035\213\041  
\361\264\337\344\034\321\237\145\002\006\352\134\326\023\263\204  
\357\242\245\134\214\167\051\247\150\300\153\256\100\322\250\264  
\352\315\360\215\113\070\234\031\232\033\050\124\270\211\220\357  
\312\165\201\076\036\362\144\044\307\030\257\116\377\107\236\007  
\366\065\145\244\323\012\126\377\365\027\144\154\357\250\042\045  
\111\223\266\337\000\027\332\130\176\135\356\305\033\260\321\321  
\137\041\020\307\371\363\272\002\012\047\007\305\361\326\307\323  
\340\373\011\140\154

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Amazon Root CA 2"

# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US

# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37

# Subject: CN=Amazon Root CA 2,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sat May 26 00:00:00 2040

# Fingerprint (SHA-256):

1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4

# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Amazon Root CA 2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\132\214\357\105\327\246\230\131\166\172\214\213\104\226\265\170

```

\317\107\113\032
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\345\215\316\250\102\342\172\300\052\134\174\236\046\277\146
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 3"
#
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157

```

```
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
```

```
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\266\060\202\001\133\240\003\002\001\002\002\023\006
\154\237\325\164\227\066\146\077\073\013\232\331\350\236\166\003
\362\112\060\012\006\010\052\206\110\316\075\004\003\002\060\071
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040
\122\157\157\164\040\103\101\040\063\060\036\027\015\061\065\060
\065\062\066\060\060\060\060\060\132\027\015\064\060\060\065
\062\066\060\060\060\060\060\132\060\071\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040
\103\101\040\063\060\131\060\023\006\007\052\206\110\316\075\002
\001\006\010\052\206\110\316\075\003\001\007\003\102\000\004\051
\227\247\306\101\177\300\015\233\350\001\033\126\306\362\122\245
\272\055\262\022\350\322\056\327\372\311\305\330\252\155\037\163
\201\073\073\230\153\071\174\063\245\305\116\206\216\200\027\150
\142\105\127\175\104\130\035\263\067\345\147\010\353\146\336\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\206\060\035\006\003\125\035\016\004\026\004\024\253
\266\333\327\006\236\067\254\060\206\007\221\160\307\234\304\031
\261\170\300\060\012\006\010\052\206\110\316\075\004\003\002\003
\111\000\060\106\002\041\000\340\205\222\243\027\267\215\371\053
\006\245\223\254\032\230\150\141\162\372\341\241\320\373\034\170
\140\246\103\231\305\270\304\002\041\000\234\002\357\361\224\234
\263\226\371\353\306\052\370\266\054\376\072\220\024\026\327\214
\143\044\110\034\337\060\175\325\150\073
```

```
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Amazon Root CA 3"
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
```

```

# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\015\104\335\214\074\214\032\032\130\165\144\201\351\017\056\052
\377\263\322\156
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\240\324\357\013\367\265\330\111\225\052\354\365\304\374\201\207
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

#
# Certificate "Amazon Root CA 4"
#
# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92
# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156

```



\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157  
\156\040\122\157\157\164\040\103\101\040\064  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156  
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157  
\156\040\122\157\157\164\040\103\101\040\064  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173  
\054\310\032\301\016  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\001\362\060\202\001\170\240\003\002\001\002\002\023\006  
\154\237\327\301\273\020\114\051\103\345\161\173\173\054\310\032  
\301\016\060\012\006\010\052\206\110\316\075\004\003\003\060\071  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060  
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031  
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040  
\122\157\157\164\040\103\101\040\064\060\036\027\015\061\065\060  
\065\062\066\060\060\060\060\060\060\132\027\015\064\060\060\065  
\062\066\060\060\060\060\060\060\132\060\071\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004  
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125  
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040  
\103\101\040\064\060\166\060\020\006\007\052\206\110\316\075\002  
\001\006\005\053\201\004\000\042\003\142\000\004\322\253\212\067  
\117\243\123\015\376\301\212\173\113\250\173\106\113\143\260\142  
\366\055\033\333\010\161\041\322\000\350\143\275\232\047\373\360  
\071\156\135\352\075\245\311\201\252\243\133\040\230\105\135\026  
\333\375\350\020\155\343\234\340\343\275\137\204\142\363\160\144  
\063\240\313\044\057\160\272\210\241\052\240\165\370\201\256\142  
\006\304\201\333\071\156\051\260\036\372\056\134\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\206\060\035\006\003\125\035\016\004\026\004\024\323\354\307\072  
\145\156\314\341\332\166\232\126\373\234\363\206\155\127\345\201  
\060\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060  
\145\002\060\072\213\041\361\275\176\021\255\320\357\130\226\057  
\326\353\235\176\220\215\053\317\146\125\303\054\343\050\251\160  
\012\107\016\360\067\131\022\377\055\231\224\050\116\052\117\065  
\115\063\132\002\061\000\352\165\000\116\073\304\072\224\022\221  
\311\130\106\235\041\023\162\247\210\234\212\344\114\112\333\226  
\324\254\213\153\153\111\022\123\063\255\327\344\276\044\374\265  
\012\166\324\245\274\020  
END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Amazon Root CA 4"

# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US

# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e

# Subject: CN=Amazon Root CA 4,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sat May 26 00:00:00 2040

# Fingerprint (SHA-256):

E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92

# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Amazon Root CA 4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\366\020\204\007\326\370\273\147\230\014\302\342\104\302\353\256  
\034\357\143\276

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\211\274\047\325\353\027\215\006\152\151\325\375\211\107\264\315

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156  
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157  
\156\040\122\157\157\164\040\103\101\040\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173  
\054\310\032\301\016

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Symantec Class 1 Public Primary Certification Authority - G6"

#

# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98

# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

```
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9
# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\044
\062\165\362\035\057\322\011\063\367\264\152\312\320\363\230\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143
```

\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105  
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145  
\143\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060  
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063  
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024  
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141  
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123  
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074  
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\061  
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165  
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\307\071\327  
\111\144\251\231\202\042\114\352\105\331\007\026\343\173\364\203  
\350\231\163\372\153\261\066\340\232\167\240\100\302\201\215\001  
\307\314\214\275\217\175\367\171\343\172\114\003\115\331\373\375  
\207\070\050\054\335\232\213\124\010\333\147\373\033\214\376\050  
\222\057\276\267\262\110\247\201\241\330\136\210\303\314\071\100  
\101\132\321\334\345\332\020\237\057\332\001\115\375\056\106\174  
\371\056\047\012\151\067\356\221\243\033\152\314\104\277\033\307  
\303\324\021\262\120\140\227\011\275\056\042\365\101\204\146\237  
\315\100\246\251\000\200\301\037\225\222\237\336\363\110\357\333  
\035\167\141\374\177\337\356\226\244\162\320\266\076\377\170\047  
\257\313\222\025\151\010\333\143\020\342\346\227\254\156\334\254  
\366\242\316\036\107\231\271\211\267\022\346\241\324\315\131\021  
\147\303\157\205\330\102\116\050\276\131\125\131\004\225\253\217  
\067\200\277\015\360\374\037\072\144\061\130\201\170\327\342\065  
\366\040\077\051\270\217\026\156\076\110\334\265\114\007\341\362  
\032\352\176\012\171\326\250\275\353\135\206\053\115\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\063\101\350\310\071\022\025\223\110\362\226\062\056\132  
\365\332\224\137\123\140\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\025\343\163\127\261\027  
\266\137\111\151\104\246\366\136\172\147\254\322\336\165\111\253  
\376\045\125\307\072\311\104\025\020\156\277\061\153\313\331\007  
\223\177\034\205\143\000\343\062\022\340\314\313\373\071\154\217  
\342\123\342\074\100\063\331\244\214\107\346\255\130\373\211\257  
\343\336\206\051\126\064\054\105\270\022\372\104\211\156\055\024  
\045\050\044\001\145\326\352\122\254\005\156\126\022\011\075\320  
\164\364\327\275\006\312\250\072\215\126\102\372\215\162\076\164

```
\361\003\162\337\207\033\136\016\172\125\226\054\070\267\230\205
\315\115\063\104\311\224\217\132\061\060\067\113\243\072\022\263
\347\066\321\041\150\113\055\070\346\123\256\034\045\126\010\126
\003\147\204\235\306\303\316\044\142\307\114\066\317\260\006\104
\267\365\137\002\335\331\124\351\057\220\116\172\310\116\203\100
\014\232\227\074\067\277\277\354\366\360\264\205\167\050\301\013
\310\147\202\020\027\070\242\267\006\352\233\277\072\370\351\043
\007\277\164\340\230\070\025\125\170\356\162\000\134\031\243\364
\322\063\340\377\275\321\124\071\051\017
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# For Email Distrust After: Wed Aug 31 00:00:00 2022

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER MULTILINE\_OCTAL

```
\062\062\060\070\063\061\060\060\060\060\060\060\132
```

END

# Trust for "Symantec Class 1 Public Primary Certification Authority - G6"

# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

# Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98

# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

# Not Valid Before: Tue Oct 18 00:00:00 2011

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (SHA-256):

```
9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9
```

# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\121\177\141\036\051\221\153\123\202\373\162\347\104\331\215\303
\314\123\155\144
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\057\250\264\332\366\144\113\036\202\371\106\075\124\032\174\260
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
```

```
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

# Certificate "Symantec Class 2 Public Primary Certification Authority - G6"

#

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41

# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

# Not Valid Before: Tue Oct 18 00:00:00 2011

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (SHA-256):

CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0

# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
```

\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\066

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261  
\377\101

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\144  
\202\236\374\067\036\164\135\374\227\377\227\310\261\377\101\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035  
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145  
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060  
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143  
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105  
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145  
\143\040\103\154\141\163\163\040\062\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060  
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063  
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024  
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141  
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123  
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074  
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\062  
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165  
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\315\314\351  
\005\310\143\205\313\077\100\143\027\275\030\372\065\346\004\147  
\127\145\230\051\244\117\311\134\217\017\064\322\370\332\250\023  
\142\252\270\036\120\147\170\260\026\114\240\071\251\025\172\256  
\355\322\242\300\360\220\067\051\030\046\134\350\015\074\266\154  
\111\077\301\340\334\331\113\266\024\031\013\246\323\226\341\326  
\011\343\031\046\034\371\037\145\113\371\032\103\034\000\203\326  
\320\252\111\242\324\333\346\142\070\272\120\024\103\155\371\061  
\370\126\026\331\070\002\221\317\353\154\335\273\071\116\231\341

\060\147\105\361\324\360\215\303\337\376\362\070\007\041\175\000  
\136\126\104\263\344\140\275\221\053\234\253\133\004\162\017\262  
\050\331\162\253\005\040\102\045\251\133\003\152\040\020\314\061  
\360\053\332\065\054\320\373\232\227\116\360\202\113\053\330\137  
\066\243\013\055\257\143\015\035\045\177\241\156\134\142\241\215  
\050\076\241\374\034\040\370\001\057\272\125\232\021\260\031\322  
\310\120\171\153\016\152\005\327\252\004\066\262\243\362\341\137  
\167\247\167\234\345\036\334\351\337\152\301\145\135\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\207\214\040\225\310\230\112\321\326\200\006\112\220\064  
\104\337\034\115\277\260\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\201\216\262\245\146\226  
\267\041\245\266\357\157\043\132\137\333\201\305\102\245\170\301  
\151\375\364\074\327\371\134\153\160\162\032\374\132\227\115\000  
\200\210\210\202\212\303\161\015\216\305\211\233\054\355\215\013  
\322\162\124\365\175\324\134\103\127\351\363\256\245\002\021\366  
\166\053\201\127\335\175\332\164\060\375\124\107\366\340\026\156  
\246\264\012\110\346\347\165\007\017\051\031\071\316\171\364\266  
\154\305\137\231\325\037\113\372\337\155\054\074\015\124\200\160  
\360\210\013\200\317\306\150\242\270\035\160\331\166\214\374\356  
\245\311\317\255\035\317\231\045\127\132\142\105\313\026\153\275  
\111\315\245\243\214\151\171\045\256\270\114\154\213\100\146\113  
\026\077\317\002\032\335\341\154\153\007\141\152\166\025\051\231  
\177\033\335\210\200\301\277\265\217\163\305\246\226\043\204\246  
\050\206\044\063\152\001\056\127\163\045\266\136\277\217\346\035  
\141\250\100\051\147\035\207\233\035\177\233\237\231\315\061\326  
\124\276\142\273\071\254\150\022\110\221\040\245\313\261\335\376  
\157\374\132\344\202\125\131\257\061\251

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# For Email Distrust After: Wed Aug 31 00:00:00 2022

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER MULTILINE\_OCTAL

\062\062\060\070\063\061\060\060\060\060\060\060\132

END

# Trust for "Symantec Class 2 Public Primary Certification Authority - G6"

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41

# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Not Valid Before: Tue Oct 18 00:00:00 2011

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (SHA-256):

CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0



```

# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\100\263\061\240\351\277\350\125\274\071\223\312\160\117\116\302
\121\324\035\217
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\175\013\203\345\373\174\255\007\117\040\251\265\337\143\355\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root CA 3 2013"
#
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Serial Number: 1039788 (0xfddac)
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\016\060\202\002\366\240\003\002\001\002\002\003\017
\335\254\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165
\163\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003
\014\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\101\040\063\040\062\060\061\063\060\036\027\015\061\063\060\071
\062\060\060\070\062\065\065\061\132\027\015\062\070\060\071\062
\060\060\070\062\065\065\061\132\060\105\061\013\060\011\006\003
\125\004\006\023\002\104\105\061\025\060\023\006\003\125\004\012
\014\014\104\055\124\162\165\163\164\040\107\155\142\110\061\037
\060\035\006\003\125\004\003\014\026\104\055\124\122\125\123\124
\040\122\157\157\164\040\103\101\040\063\040\062\060\061\063\060
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000
\304\173\102\222\202\037\354\355\124\230\216\022\300\312\011\337
\223\156\072\223\134\033\344\020\167\236\116\151\210\154\366\341
\151\362\366\233\242\141\261\275\007\040\164\230\145\361\214\046
\010\315\250\065\312\200\066\321\143\155\350\104\172\202\303\154
\136\336\273\350\066\322\304\150\066\214\237\062\275\204\042\340
\334\302\356\020\106\071\155\257\223\071\256\207\346\303\274\011
\311\054\153\147\133\331\233\166\165\114\013\340\273\305\327\274
\076\171\362\137\276\321\220\127\371\256\366\146\137\061\277\323
\155\217\247\272\112\363\043\145\273\267\357\243\045\327\012\352
\130\266\357\210\372\372\171\262\122\130\325\360\254\214\241\121
\164\051\225\252\121\073\220\062\003\237\034\162\164\220\336\075
```

\355\141\322\345\343\375\144\107\345\271\267\112\251\367\037\256  
\226\206\004\254\057\343\244\201\167\267\132\026\377\330\017\077  
\366\267\170\314\244\257\372\133\074\022\133\250\122\211\162\357  
\210\363\325\104\201\206\225\043\237\173\335\274\331\064\357\174  
\224\074\252\300\101\302\343\235\120\032\300\344\031\042\374\263  
\002\003\001\000\001\243\202\001\005\060\202\001\001\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035  
\006\003\125\035\016\004\026\004\024\077\220\310\175\307\025\157  
\363\044\217\251\303\057\113\242\017\041\262\057\347\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\276  
\006\003\125\035\037\004\201\266\060\201\263\060\164\240\162\240  
\160\206\156\154\144\141\160\072\057\057\144\151\162\145\143\164  
\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164\057  
\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157\157  
\164\045\062\060\103\101\045\062\060\063\045\062\060\062\060\061  
\063\054\117\075\104\055\124\162\165\163\164\045\062\060\107\155  
\142\110\054\103\075\104\105\077\143\145\162\164\151\146\151\143  
\141\164\145\162\145\166\157\143\141\164\151\157\156\154\151\163  
\164\060\073\240\071\240\067\206\065\150\164\164\160\072\057\057  
\143\162\154\056\144\055\164\162\165\163\164\056\156\145\164\057  
\143\162\154\057\144\055\164\162\165\163\164\137\162\157\157\164  
\137\143\141\137\063\137\062\060\061\063\056\143\162\154\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\016\131\016\130\344\164\110\043\104\317\064\041\265\234  
\024\032\255\232\113\267\263\210\155\134\251\027\160\360\052\237  
\215\173\371\173\205\372\307\071\350\020\010\260\065\053\137\317  
\002\322\323\234\310\013\036\356\005\124\256\067\223\004\011\175  
\154\217\302\164\274\370\034\224\276\061\001\100\055\363\044\040  
\267\204\125\054\134\310\365\164\112\020\031\213\243\307\355\065  
\326\011\110\323\016\300\272\071\250\260\106\002\260\333\306\210  
\131\302\276\374\173\261\053\317\176\142\207\125\226\314\001\157  
\233\147\041\225\065\213\370\020\374\161\033\267\113\067\151\246  
\073\326\354\213\356\301\260\363\045\311\217\222\175\241\352\303  
\312\104\277\046\245\164\222\234\343\164\353\235\164\331\313\115  
\207\330\374\264\151\154\213\240\103\007\140\170\227\351\331\223  
\174\302\106\274\233\067\122\243\355\212\074\023\251\173\123\113  
\111\232\021\005\054\013\156\126\254\037\056\202\154\340\151\147  
\265\016\155\055\331\344\300\025\361\077\372\030\162\341\025\155  
\047\133\055\060\050\053\237\110\232\144\053\231\357\362\165\111  
\137\134

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root CA 3 2013"  
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE  
# Serial Number: 1039788 (0xfddac)

```
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\154\174\314\347\324\256\121\137\231\010\315\077\366\350\303\170
\337\157\357\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\042\146\230\176\326\003\340\301\161\346\165\315\126\105\277
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
#
# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Serial Number: 1 (0x1)
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\143\060\202\003\113\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145\040
\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003\125
\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154\151
\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157\152
```

\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165\162  
\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055\060  
\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145\162  
\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145  
\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060\064  
\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040\113  
\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040\123  
\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165\162  
\165\155\040\061\060\036\027\015\061\063\061\061\062\065\060\070  
\062\065\065\065\132\027\015\064\063\061\060\062\065\060\070\062  
\065\065\065\132\060\201\322\061\013\060\011\006\003\125\004\006  
\023\002\124\122\061\030\060\026\006\003\125\004\007\023\017\107  
\145\142\172\145\040\055\040\113\157\143\141\145\154\151\061\102  
\060\100\006\003\125\004\012\023\071\124\165\162\153\151\171\145  
\040\102\151\154\151\155\163\145\154\040\166\145\040\124\145\153  
\156\157\154\157\152\151\153\040\101\162\141\163\164\151\162\155  
\141\040\113\165\162\165\155\165\040\055\040\124\125\102\111\124  
\101\113\061\055\060\053\006\003\125\004\013\023\044\113\141\155  
\165\040\123\145\162\164\151\146\151\153\141\163\171\157\156\040  
\115\145\162\153\145\172\151\040\055\040\113\141\155\165\040\123  
\115\061\066\060\064\006\003\125\004\003\023\055\124\125\102\111  
\124\101\113\040\113\141\155\165\040\123\115\040\123\123\114\040  
\113\157\153\040\123\145\162\164\151\146\151\153\141\163\151\040  
\055\040\123\165\162\165\155\040\061\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\257\165\060\063\252\273  
\153\323\231\054\022\067\204\331\215\173\227\200\323\156\347\377  
\233\120\225\076\220\225\126\102\327\031\174\046\204\215\222\372  
\001\035\072\017\342\144\070\267\214\274\350\210\371\213\044\253  
\056\243\365\067\344\100\216\030\045\171\203\165\037\073\377\154  
\250\305\306\126\370\264\355\212\104\243\253\154\114\374\035\320  
\334\357\150\275\317\344\252\316\360\125\367\242\064\324\203\153  
\067\174\034\302\376\265\003\354\127\316\274\264\265\305\355\000  
\017\123\067\052\115\364\117\014\203\373\206\317\313\376\214\116  
\275\207\371\247\213\041\127\234\172\337\003\147\211\054\235\227  
\141\247\020\270\125\220\177\016\055\047\070\164\337\347\375\332  
\116\022\343\115\025\042\002\310\340\340\374\017\255\212\327\311  
\124\120\314\073\017\312\026\200\204\320\121\126\303\216\126\177  
\211\042\063\057\346\205\012\275\245\250\033\066\336\323\334\054  
\155\073\307\023\275\131\043\054\346\345\244\367\330\013\355\352  
\220\100\104\250\225\273\223\325\320\200\064\266\106\170\016\037  
\000\223\106\341\356\351\371\354\117\027\002\003\001\000\001\243  
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\145\077  
\307\212\206\306\074\335\074\124\134\065\370\072\355\122\014\107  
\127\310\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\052\077\341\361\062\216\256\341\230

```
\134\113\136\317\153\036\152\011\322\042\251\022\307\136\127\175
\163\126\144\200\204\172\223\344\011\271\020\315\237\052\047\341
\000\167\276\110\310\065\250\201\237\344\270\054\311\177\016\260
\322\113\067\135\352\271\325\013\136\064\275\364\163\051\303\355
\046\025\234\176\010\123\212\130\215\320\113\050\337\301\263\337
\040\363\371\343\343\072\337\314\234\224\330\116\117\303\153\027
\267\367\162\350\255\146\063\265\045\123\253\340\370\114\251\235
\375\362\015\272\256\271\331\252\306\153\371\223\273\256\253\270
\227\074\003\032\272\103\306\226\271\105\162\070\263\247\241\226
\075\221\173\176\300\041\123\114\207\355\362\013\124\225\121\223
\325\042\245\015\212\361\223\016\076\124\016\260\330\311\116\334
\362\061\062\126\352\144\371\352\265\235\026\146\102\162\363\177
\323\261\061\103\374\244\216\027\361\155\043\253\224\146\370\255
\373\017\010\156\046\055\177\027\007\011\262\214\373\120\300\237
\226\215\317\266\375\000\235\132\024\232\277\002\104\365\301\302
\237\042\136\242\017\241\343
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
```

```
# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
```

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
```

```
# Not Valid Before: Mon Nov 25 08:25:55 2013
```

```
# Not Valid After : Sun Oct 25 08:25:55 2043
```

```
# Fingerprint (SHA-256):
```

```
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
```

```
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\061\103\144\233\354\316\047\354\355\072\077\013\217\015\344\350
\221\335\356\312
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\334\000\201\334\151\057\076\057\260\073\366\075\132\221\216\111
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
```

```
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\001
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GDCA TrustAUTH R5 ROOT"

#

# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Serial Number:7d:09:97:fe:f0:47:ea:7a

# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Not Valid Before: Wed Nov 26 05:13:15 2014

# Not Valid After : Mon Dec 31 15:59:59 2040

# Fingerprint (SHA-256):

BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93

# Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
```

END



CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040  
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105  
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114  
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104  
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040  
\122\117\117\124

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\175\011\227\376\360\107\352\172

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\210\060\202\003\160\240\003\002\001\002\002\010\175  
\011\227\376\360\107\352\172\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\142\061\013\060\011\006\003\125\004  
\006\023\002\103\116\061\062\060\060\006\003\125\004\012\014\051  
\107\125\101\116\107\040\104\117\116\107\040\103\105\122\124\111  
\106\111\103\101\124\105\040\101\125\124\110\117\122\111\124\131  
\040\103\117\056\054\114\124\104\056\061\037\060\035\006\003\125  
\004\003\014\026\107\104\103\101\040\124\162\165\163\164\101\125  
\124\110\040\122\065\040\122\117\117\124\060\036\027\015\061\064  
\061\061\062\066\060\065\061\063\061\065\132\027\015\064\060\061  
\062\063\061\061\065\065\071\065\071\132\060\142\061\013\060\011  
\006\003\125\004\006\023\002\103\116\061\062\060\060\006\003\125  
\004\012\014\051\107\125\101\116\107\040\104\117\116\107\040\103  
\105\122\124\111\106\111\103\101\124\105\040\101\125\124\110\117  
\122\111\124\131\040\103\117\056\054\114\124\104\056\061\037\060  
\035\006\003\125\004\003\014\026\107\104\103\101\040\124\162\165  
\163\164\101\125\124\110\040\122\065\040\122\117\117\124\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\331  
\243\026\360\310\164\164\167\233\357\063\015\073\006\176\125\374  
\265\140\217\166\206\022\102\175\126\146\076\210\202\355\162\143  
\016\236\213\335\064\054\002\121\121\303\031\375\131\124\204\311  
\361\153\263\114\260\351\350\106\135\070\306\242\247\056\021\127  
\272\202\025\242\234\217\155\260\231\112\012\362\353\211\160\143  
\116\171\304\267\133\275\242\135\261\362\101\002\053\255\251\072  
\243\354\171\012\354\137\072\343\375\357\200\074\255\064\233\032  
\253\210\046\173\126\242\202\206\037\353\065\211\203\177\137\256  
\051\116\075\266\156\354\256\301\360\047\233\256\343\364\354\357  
\256\177\367\206\075\162\172\353\245\373\131\116\247\353\225\214  
\042\071\171\341\055\010\217\314\274\221\270\101\367\024\301\043  
\251\303\255\232\105\104\263\262\327\054\315\306\051\342\120\020  
\256\134\313\202\216\027\030\066\175\227\346\210\232\260\115\064  
\011\364\054\271\132\146\052\260\027\233\236\036\166\235\112\146  
\061\101\337\077\373\305\006\357\033\266\176\032\106\066\367\144

\143\073\343\071\030\043\347\147\165\024\325\165\127\222\067\275  
\276\152\033\046\120\362\066\046\006\220\305\160\001\144\155\166  
\146\341\221\333\156\007\300\141\200\056\262\056\057\214\160\247  
\321\073\074\263\221\344\156\266\304\073\160\362\154\222\227\011  
\315\107\175\030\300\363\273\236\017\326\213\256\007\266\132\017  
\316\013\014\107\247\345\076\270\275\175\307\233\065\240\141\227  
\072\101\165\027\314\053\226\167\052\222\041\036\331\225\166\040  
\147\150\317\015\275\337\326\037\011\152\232\342\314\163\161\244  
\057\175\022\200\267\123\060\106\136\113\124\231\017\147\311\245  
\310\362\040\301\202\354\235\021\337\302\002\373\032\073\321\355  
\040\232\357\145\144\222\020\015\052\342\336\160\361\030\147\202  
\214\141\336\270\274\321\057\234\373\017\320\053\355\033\166\271  
\344\071\125\370\370\241\035\270\252\200\000\114\202\347\262\177  
\011\270\274\060\240\057\015\365\122\236\216\367\222\263\012\000  
\035\000\124\227\006\340\261\007\331\307\017\134\145\175\074\155  
\131\127\344\355\245\215\351\100\123\237\025\113\240\161\366\032  
\041\343\332\160\006\041\130\024\207\205\167\171\252\202\171\002  
\003\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004  
\026\004\024\342\311\100\237\115\316\350\232\241\174\317\016\077  
\145\305\051\210\152\031\121\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\003\202\002\001\000\321\111\127\340  
\247\314\150\130\272\001\017\053\031\315\215\260\141\105\254\021  
\355\143\120\151\370\037\177\276\026\217\375\235\353\013\252\062  
\107\166\322\147\044\355\275\174\063\062\227\052\307\005\206\146  
\015\027\175\024\025\033\324\353\375\037\232\366\136\227\151\267  
\032\045\244\012\263\221\077\137\066\254\213\354\127\250\076\347  
\201\212\030\127\071\205\164\032\102\307\351\133\023\137\217\371  
\010\351\222\164\215\365\107\322\253\073\326\373\170\146\116\066  
\175\371\351\222\351\004\336\375\111\143\374\155\373\024\161\223  
\147\057\107\112\267\271\377\036\052\163\160\106\060\277\132\362  
\057\171\245\341\215\014\331\371\262\143\067\214\067\145\205\160  
\152\134\133\011\162\271\255\143\074\261\335\370\374\062\277\067  
\206\344\273\216\230\047\176\272\037\026\341\160\021\362\003\337  
\045\142\062\047\046\030\062\204\237\377\000\072\023\272\232\115  
\364\117\270\024\160\042\261\312\053\220\316\051\301\160\364\057  
\235\177\362\220\036\326\132\337\267\106\374\346\206\372\313\340  
\040\166\172\272\246\313\365\174\336\142\245\261\213\356\336\202  
\146\212\116\072\060\037\077\200\313\255\047\272\014\136\327\320  
\261\126\312\167\161\262\265\165\241\120\251\100\103\027\302\050  
\331\317\122\213\133\310\143\324\102\076\240\063\172\106\056\367  
\012\040\106\124\176\152\117\061\361\201\176\102\164\070\145\163  
\047\356\306\174\270\216\327\245\072\327\230\241\234\214\020\125  
\323\333\113\354\100\220\362\315\156\127\322\142\016\174\127\223  
\261\247\155\315\235\203\273\052\347\345\266\073\161\130\255\375  
\321\105\274\132\221\356\123\025\157\323\105\011\165\156\272\220  
\135\036\004\317\067\337\036\250\146\261\214\346\040\152\357\374

```
\110\116\164\230\102\257\051\157\056\152\307\373\175\321\146\061
\042\314\206\000\176\146\203\014\102\364\275\064\222\303\032\352
\117\312\176\162\115\013\160\214\246\110\273\246\241\024\366\373
\130\104\231\024\256\252\013\223\151\240\051\045\112\245\313\053
\335\212\146\007\026\170\025\127\161\033\354\365\107\204\363\236
\061\067\172\325\177\044\255\344\274\375\375\314\156\203\350\014
\250\267\101\154\007\335\275\074\206\227\057\322
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GDCA TrustAUTH R5 ROOT"
```

```
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN
```

```
# Serial Number:7d:09:97:fe:f0:47:ea:7a
```

```
# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN
```

```
# Not Valid Before: Wed Nov 26 05:13:15 2014
```

```
# Not Valid After : Mon Dec 31 15:59:59 2040
```

```
# Fingerprint (SHA-256):
```

```
BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93
```

```
# Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\017\066\070\133\201\032\045\303\233\061\116\203\312\351\064\146
\160\314\164\264
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\143\314\331\075\064\065\134\157\123\243\342\010\160\110\037\264
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\010\175\011\227\376\360\107\352\172
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor RootCert CA-1"
#
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
# Fingerprint (SHA-256):
D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C
# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145

```

\162\164\040\103\101\055\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\332\233\354\161\363\003\260\031

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\060\060\202\003\030\240\003\002\001\002\002\011\000  
\332\233\354\161\363\003\260\031\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003  
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010  
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004  
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044  
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157  
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040  
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124  
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060  
\035\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162  
\040\122\157\157\164\103\145\162\164\040\103\101\055\061\060\036  
\027\015\061\066\060\062\060\064\061\062\063\062\061\066\132\027  
\015\062\071\061\062\063\061\061\067\062\063\061\066\132\060\201  
\244\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017  
\060\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061  
\024\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141  
\040\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033  
\124\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163  
\040\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006  
\003\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124  
\162\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164  
\040\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\277\216\267\225\342\302\046\022\153\063  
\031\307\100\130\012\253\131\252\215\000\243\374\200\307\120\173  
\216\324\040\046\272\062\022\330\043\124\111\045\020\042\230\235  
\106\322\301\311\236\116\033\056\054\016\070\363\032\045\150\034  
\246\132\005\346\036\213\110\277\230\226\164\076\151\312\351\265  
\170\245\006\274\325\000\136\011\012\362\047\172\122\374\055\325  
\261\352\264\211\141\044\363\032\023\333\251\317\122\355\014\044  
\272\271\236\354\176\000\164\372\223\255\154\051\222\256\121\264  
\273\323\127\277\263\363\250\215\234\364\044\113\052\326\231\236  
\364\236\376\300\176\102\072\347\013\225\123\332\267\150\016\220  
\114\373\160\077\217\112\054\224\363\046\335\143\151\251\224\330  
\020\116\305\107\010\220\231\033\027\115\271\154\156\357\140\225  
\021\216\041\200\265\275\240\163\330\320\262\167\304\105\352\132  
\046\373\146\166\166\370\006\037\141\155\017\125\305\203\267\020  
\126\162\006\007\245\363\261\032\003\005\144\016\235\132\212\326

\206\160\033\044\336\376\050\212\053\320\152\260\374\172\242\334  
\262\171\016\213\145\017\002\003\001\000\001\243\143\060\141\060  
\035\006\003\125\035\016\004\026\004\024\356\153\111\074\172\077  
\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060\037  
\006\003\125\035\043\004\030\060\026\200\024\356\153\111\074\172  
\077\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\001\001\000\045\030\324\221\217\023\356\217\036\035\021\123  
\332\055\104\051\031\240\036\153\061\236\115\016\236\255\075\134  
\101\157\225\053\044\241\171\230\072\070\066\373\273\146\236\110  
\377\220\220\357\075\324\270\233\264\207\165\077\040\233\316\162  
\317\241\125\301\115\144\242\031\006\241\007\063\014\013\051\345  
\361\352\253\243\354\265\012\164\220\307\175\162\362\327\134\237  
\221\357\221\213\267\334\355\146\242\317\216\146\073\274\237\072  
\002\340\047\335\026\230\300\225\324\012\244\344\201\232\165\224  
\065\234\220\137\210\067\006\255\131\225\012\260\321\147\323\031  
\312\211\347\062\132\066\034\076\202\250\132\223\276\306\320\144  
\221\266\317\331\266\030\317\333\176\322\145\243\246\304\216\027  
\061\301\373\176\166\333\323\205\343\130\262\167\172\166\073\154  
\057\120\034\347\333\366\147\171\037\365\202\225\232\007\247\024  
\257\217\334\050\041\147\011\322\326\115\132\034\031\034\216\167  
\134\303\224\044\075\062\153\113\176\324\170\224\203\276\067\115  
\316\137\307\036\116\074\340\211\063\225\013\017\245\062\326\074  
\132\171\054\031

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TrustCor RootCert CA-1"

# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de  
R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:00:da:9b:ec:71:f3:03:b0:19

# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de  
R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:16 2016

# Not Valid After : Mon Dec 31 17:23:16 2029

# Fingerprint (SHA-256):

D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C

# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor RootCert CA-1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\377\275\315\347\202\310\103\136\074\157\046\206\134\312\250\072

\105\133\303\012

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\156\205\361\334\032\000\323\042\325\262\262\254\153\067\005\105

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101

\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155

\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141

\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012

\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145

\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060

\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162

\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164

\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014

\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145

\162\164\040\103\101\055\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\332\233\354\161\363\003\260\031

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "TrustCor RootCert CA-2"

#

# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:25:a1:df:ca:33:cb:59:02

# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:23 2016

# Not Valid After : Sun Dec 31 17:26:39 2034

# Fingerprint (SHA-256):

07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65

# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor RootCert CA-2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101

\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\045\241\337\312\063\313\131\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\057\060\202\004\027\240\003\002\001\002\002\010\045  
\241\337\312\063\313\131\002\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003\125  
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014  
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007  
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060  
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162  
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122  
\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162  
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060\035  
\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162\040  
\122\157\157\164\103\145\162\164\040\103\101\055\062\060\036\027  
\015\061\066\060\062\060\064\061\062\063\062\062\063\132\027\015  
\063\064\061\062\063\061\061\067\062\066\063\071\132\060\201\244  
\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017\060  
\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061\024  
\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141\040  
\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033\124



\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163\040  
\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006\003  
\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103\145  
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162  
\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124\162  
\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164\040  
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\310\070\176\200\322\253\301\233\145\005\224\364\301\012\020\325  
\002\254\355\237\223\307\207\310\260\047\053\102\014\075\012\076  
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\144\106\364\124\251\334\072\124\055\061\053\231\202\362\331\052  
\327\357\161\000\270\061\244\276\172\044\007\303\102\040\362\212  
\324\222\004\033\145\126\114\154\324\373\266\141\132\107\043\264  
\330\151\264\267\072\320\164\074\014\165\241\214\116\166\241\351  
\333\052\245\073\372\316\260\377\176\152\050\375\047\034\310\261  
\351\051\361\127\156\144\264\320\301\025\155\016\276\056\016\106  
\310\136\364\121\376\357\016\143\072\073\161\272\317\157\131\312  
\014\343\233\135\111\270\114\342\127\261\230\212\102\127\234\166  
\357\357\275\321\150\250\322\364\011\273\167\065\276\045\202\010  
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\170\346\374\366\355\107\176\173\075\146\357\023\023\210\137\074  
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\070\252\251\354\030\232\007\202\053\333\270\234\030\255\332\340  
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\006\003\125\035\016\004\026\004\024\331\376\041\100\156\224\236  
\274\233\075\234\175\230\040\031\345\214\060\142\262\060\037\006  
\003\125\035\043\004\030\060\026\200\024\331\376\041\100\156\224  
\236\274\233\075\234\175\230\040\031\345\214\060\142\262\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202

\002\001\000\236\105\236\014\073\266\357\341\072\310\174\321\000  
\075\317\342\352\006\265\262\072\273\006\113\150\172\320\043\227  
\164\247\054\360\010\330\171\132\327\132\204\212\330\022\232\033  
\331\175\134\115\160\305\245\371\253\345\243\211\211\335\001\372  
\354\335\371\351\222\227\333\260\106\102\363\323\142\252\225\376  
\061\147\024\151\130\220\012\252\013\356\067\043\307\120\121\264  
\365\176\236\343\173\367\344\314\102\062\055\111\014\313\377\111  
\014\233\036\064\375\156\156\226\212\171\003\266\157\333\011\313  
\375\137\145\024\067\341\070\365\363\141\026\130\344\265\155\015  
\013\004\033\077\120\055\177\263\307\172\032\026\200\140\370\212  
\037\351\033\052\306\371\272\001\032\151\277\322\130\307\124\127  
\010\217\341\071\140\167\113\254\131\204\032\210\361\335\313\117  
\170\327\347\341\063\055\374\356\101\372\040\260\276\313\367\070  
\224\300\341\320\205\017\273\355\054\163\253\355\376\222\166\032  
\144\177\133\015\063\011\007\063\173\006\077\021\244\134\160\074  
\205\300\317\343\220\250\203\167\372\333\346\305\214\150\147\020  
\147\245\122\055\360\304\231\217\177\277\321\153\342\265\107\326  
\331\320\205\231\115\224\233\017\113\215\356\000\132\107\035\021  
\003\254\101\030\257\207\267\157\014\072\217\312\317\334\003\301  
\242\011\310\345\375\200\136\310\140\102\001\033\032\123\132\273  
\067\246\267\274\272\204\351\036\154\032\324\144\332\324\103\376  
\223\213\113\362\054\171\026\020\324\223\013\210\217\241\330\206  
\024\106\221\107\233\050\044\357\127\122\116\134\102\234\252\367  
\111\354\047\350\100\036\263\246\211\042\162\234\365\015\063\264  
\130\243\060\073\335\324\152\124\223\276\032\115\363\223\224\367  
\374\204\013\077\204\040\134\064\003\104\305\332\255\274\012\301  
\002\317\036\345\224\331\363\216\133\330\114\360\235\354\141\027  
\273\024\062\124\014\002\051\223\036\222\206\366\177\357\347\222  
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\344\247\227\104\244\016\050\201\023\065\305\366\157\144\346\101  
\304\325\057\314\064\105\045\317\101\000\226\075\112\056\302\226  
\230\117\116\112\234\227\267\333\037\222\062\310\377\017\121\156  
\326\354\011

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TrustCor RootCert CA-2"

# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de  
R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:25:a1:df:ca:33:cb:59:02

# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de  
R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:23 2016

# Not Valid After : Sun Dec 31 17:26:39 2034

# Fingerprint (SHA-256):

07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65

# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor RootCert CA-2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\270\276\155\313\126\361\125\271\143\324\022\312\116\006\064\307  
\224\262\034\300

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\242\341\370\030\013\272\105\325\307\101\052\273\067\122\105\144

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101  
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\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\045\241\337\312\063\313\131\002

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "TrustCor ECA-1"

#

# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama  
City,ST=Panama,C=PA

# Serial Number:00:84:82:2c:5f:1c:62:d0:40

# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama  
City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:33 2016

# Not Valid After : Mon Dec 31 17:28:07 2029

# Fingerprint (SHA-256):

5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C

# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor ECA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\204\202\054\137\034\142\320\100
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\040\060\202\003\010\240\003\002\001\002\002\011\000
\204\202\054\137\034\142\320\100\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\201\234\061\013\060\011\006\003
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\027\060
\025\006\003\125\004\003\014\016\124\162\165\163\164\103\157\162
\040\105\103\101\055\061\060\036\027\015\061\066\060\062\060\064
\061\062\063\062\063\063\132\027\015\062\071\061\062\063\061\061
```

\067\062\070\060\067\132\060\201\234\061\013\060\011\006\003\125  
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014  
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007  
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060  
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162  
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122  
\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162  
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\061\027\060\025  
\006\003\125\004\003\014\016\124\162\165\163\164\103\157\162\040  
\105\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\317\217\340\021\265\237\250\166\166\333  
\337\017\124\357\163\143\051\202\255\107\306\243\153\355\376\137  
\063\370\103\121\351\032\063\221\061\027\240\164\304\324\247\001  
\346\262\222\076\152\235\355\016\371\164\230\100\323\077\003\200  
\006\202\100\350\261\342\247\121\247\035\203\046\153\253\336\372  
\027\221\053\330\306\254\036\261\236\031\001\325\227\246\352\015  
\267\304\125\037\047\174\322\010\325\166\037\051\025\207\100\071  
\335\070\105\021\165\320\232\247\064\340\277\315\310\122\035\271  
\107\176\015\270\273\306\014\366\163\127\026\132\176\103\221\037  
\125\072\306\155\104\004\252\234\251\234\247\114\211\027\203\256  
\243\004\136\122\200\213\036\022\045\021\031\327\014\175\175\061  
\104\101\352\333\257\260\034\357\201\320\054\305\232\041\233\075  
\355\102\073\120\046\362\354\316\161\141\006\142\041\124\116\177  
\301\235\076\177\040\214\200\313\052\330\227\142\310\203\063\221  
\175\260\242\132\017\127\350\073\314\362\045\262\324\174\057\354  
\115\306\241\072\025\172\347\266\135\065\365\366\110\112\066\105  
\146\324\272\230\130\301\002\003\001\000\001\243\143\060\141\060  
\035\006\003\125\035\016\004\026\004\024\104\236\110\365\314\155  
\110\324\240\113\177\376\131\044\057\203\227\231\232\206\060\037  
\006\003\125\035\043\004\030\060\026\200\024\104\236\110\365\314  
\155\110\324\240\113\177\376\131\044\057\203\227\231\232\206\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\001\001\000\005\076\065\134\025\160\233\311\307\163\141\157  
\162\053\324\302\217\362\103\135\002\316\304\224\271\224\021\203  
\147\135\342\147\154\165\166\277\273\014\252\066\306\255\107\223  
\143\334\036\176\326\336\056\376\351\031\062\070\003\177\024\366  
\000\163\054\131\261\041\006\341\373\254\030\225\014\243\377\231  
\226\367\053\047\233\325\044\314\035\335\301\072\340\230\104\260  
\304\344\076\167\261\163\251\144\054\366\034\001\174\077\135\105  
\205\300\205\347\045\217\225\334\027\363\074\237\032\156\260\312  
\343\035\052\351\114\143\372\044\141\142\326\332\176\266\034\154  
\365\002\035\324\052\335\125\220\353\052\021\107\074\056\136\164  
\262\202\042\245\175\123\037\105\354\047\221\175\347\042\026\350  
\300\150\066\330\306\361\117\200\104\062\371\341\321\321\035\252

```
\336\250\253\234\004\257\255\040\016\144\230\115\245\153\300\110
\130\226\151\115\334\007\214\121\223\242\337\237\017\075\213\140
\264\202\215\252\010\116\142\105\340\371\013\322\340\340\074\133
\336\134\161\047\045\302\346\003\201\213\020\123\343\307\125\242
\264\237\327\346
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "TrustCor ECA-1"

# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:00:84:82:2c:5f:1c:62:d0:40

# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:33 2016

# Not Valid After : Mon Dec 31 17:28:07 2029

# Fingerprint (SHA-256):

5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C

# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TrustCor ECA-1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\130\321\337\225\225\147\153\143\300\360\133\034\027\115\213\204
\013\310\170\275
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\047\222\043\035\012\365\100\174\351\346\153\235\330\365\347\154
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\011\000\204\202\054\137\034\142\320\100
```

END

```

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SSL.com Root Certification Authority RSA"
#
# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:7b:2c:9b:d3:16:80:32:99
# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 17:39:39 2016
# Not Valid After : Tue Feb 12 17:39:39 2041
# Fingerprint (SHA-256):
85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69
# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority RSA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\173\054\233\323\026\200\062\231
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\335\060\202\003\305\240\003\002\001\002\002\010\173

```

\054\233\323\026\200\062\231\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\174\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014\005  
\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014\007  
\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004\012  
\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151\157  
\156\061\061\060\057\006\003\125\004\003\014\050\123\123\114\056  
\143\157\155\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\122\123\101\060\036\027\015\061\066\060\062\061\062\061\067  
\063\071\063\071\132\027\015\064\061\060\062\061\062\061\067\063  
\071\063\071\132\060\174\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145  
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157  
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017  
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061  
\061\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157  
\155\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122  
\123\101\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\371\017\335\243\053\175\313\320\052\376\354\147\205  
\246\347\056\033\272\167\341\343\365\257\244\354\372\112\135\221  
\304\127\107\153\030\167\153\166\362\375\223\344\075\017\302\026  
\236\013\146\303\126\224\236\027\203\205\316\126\357\362\026\375  
\000\142\365\042\011\124\350\145\027\116\101\271\340\117\106\227  
\252\033\310\270\156\142\136\151\261\137\333\052\002\176\374\154  
\312\363\101\330\355\320\350\374\077\141\110\355\260\003\024\035  
\020\016\113\031\340\273\116\354\206\145\377\066\363\136\147\002  
\013\235\206\125\141\375\172\070\355\376\342\031\000\267\157\241  
\120\142\165\164\074\240\372\310\045\222\264\156\172\042\307\370  
\036\241\343\262\335\221\061\253\053\035\004\377\245\112\004\067  
\351\205\244\063\053\375\342\326\125\064\174\031\244\112\150\307  
\262\250\323\267\312\241\223\210\353\301\227\274\214\371\035\331  
\042\204\044\164\307\004\075\152\251\051\223\314\353\270\133\341  
\376\137\045\252\064\130\310\301\043\124\235\033\230\021\303\070  
\234\176\075\206\154\245\017\100\206\174\002\364\134\002\117\050  
\313\256\161\237\017\072\310\063\376\021\045\065\352\374\272\305  
\140\075\331\174\030\325\262\251\323\165\170\003\162\042\312\072  
\303\037\357\054\345\056\251\372\236\054\266\121\106\375\257\003  
\326\352\140\150\352\205\026\066\153\205\351\036\300\263\335\304  
\044\334\200\052\201\101\155\224\076\310\340\311\201\101\000\236  
\136\277\177\305\010\230\242\030\054\102\100\263\371\157\070\047  
\113\116\200\364\075\201\107\340\210\174\352\034\316\265\165\134  
\121\056\034\053\177\032\162\050\347\000\265\321\164\306\327\344  
\237\255\007\223\266\123\065\065\374\067\344\303\366\135\026\276  
\041\163\336\222\012\370\240\143\152\274\226\222\152\076\370\274  
\145\125\233\336\365\015\211\046\004\374\045\032\246\045\151\313



\302\155\312\174\342\131\137\227\254\353\357\056\310\274\327\033  
\131\074\053\314\362\031\310\223\153\047\143\031\317\374\351\046  
\370\312\161\233\177\223\376\064\147\204\116\231\353\374\263\170  
\011\063\160\272\146\246\166\355\033\163\353\032\245\015\304\042  
\023\040\224\126\012\116\054\154\116\261\375\317\234\011\272\242  
\063\355\207\002\003\001\000\001\243\143\060\141\060\035\006\003  
\125\035\016\004\026\004\024\335\004\011\007\242\365\172\175\122  
\123\022\222\225\356\070\200\045\015\246\131\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003  
\125\035\043\004\030\060\026\200\024\335\004\011\007\242\365\172  
\175\122\123\022\222\225\356\070\200\045\015\246\131\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\206\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001  
\000\040\030\021\224\051\373\046\235\034\036\036\160\141\361\225  
\162\223\161\044\255\150\223\130\216\062\257\033\263\160\003\374  
\045\053\164\205\220\075\170\152\364\271\213\245\227\073\265\030  
\221\273\036\247\371\100\133\221\371\125\231\257\036\021\320\134  
\035\247\146\343\261\224\007\014\062\071\246\352\033\260\171\330  
\035\234\160\104\343\212\335\304\371\225\037\212\070\103\077\001  
\205\245\107\247\075\106\262\274\345\042\150\367\173\234\330\054  
\076\012\041\310\055\063\254\277\305\201\231\061\164\301\165\161  
\305\276\261\360\043\105\364\235\153\374\031\143\235\243\274\004  
\306\030\013\045\273\123\211\017\263\200\120\336\105\356\104\177  
\253\224\170\144\230\323\366\050\335\207\330\160\145\164\373\016  
\271\023\353\247\017\141\251\062\226\314\336\273\355\143\114\030  
\273\251\100\367\240\124\156\040\210\161\165\030\352\172\264\064  
\162\340\043\047\167\134\266\220\352\206\045\100\253\357\063\017  
\313\237\202\276\242\040\373\366\265\055\032\346\302\205\261\164  
\017\373\310\145\002\244\122\001\107\335\111\042\301\277\330\353  
\153\254\176\336\354\143\063\025\267\043\010\217\306\017\215\101  
\132\335\216\305\271\217\345\105\077\170\333\272\322\033\100\261  
\376\161\115\077\340\201\242\272\136\264\354\025\340\223\335\010  
\037\176\341\125\231\013\041\336\223\236\012\373\346\243\111\275  
\066\060\376\347\167\262\240\165\227\265\055\201\210\027\145\040  
\367\332\220\000\237\311\122\314\062\312\065\174\365\075\017\330  
\053\327\365\046\154\311\006\064\226\026\352\160\131\032\062\171  
\171\013\266\210\177\017\122\110\075\277\154\330\242\104\056\321  
\116\267\162\130\323\211\023\225\376\104\253\370\327\213\033\156  
\234\274\054\240\133\325\152\000\257\137\067\341\325\372\020\013  
\230\234\206\347\046\217\316\360\354\156\212\127\013\200\343\116  
\262\300\240\143\141\220\272\125\150\067\164\152\266\222\333\237  
\241\206\042\266\145\047\016\354\266\237\102\140\344\147\302\265  
\332\101\013\304\323\213\141\033\274\372\037\221\053\327\104\007  
\136\272\051\254\331\305\351\357\123\110\132\353\200\361\050\130  
\041\315\260\006\125\373\047\077\123\220\160\251\004\036\127\047  
\271

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SSL.com Root Certification Authority RSA"

# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:7b:2c:9b:d3:16:80:32:99

# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 17:39:39 2016

# Not Valid After : Tue Feb 12 17:39:39 2041

# Fingerprint (SHA-256):

85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69

# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\267\253\063\010\321\352\104\167\272\024\200\022\132\157\275\251

\066\111\014\273

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\206\151\022\300\160\361\354\254\254\302\325\274\245\133\241\051

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061

\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157

\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040

\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006

\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157

\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156

\040\101\165\164\150\157\162\151\164\171\040\122\123\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\173\054\233\323\026\200\062\231

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SSL.com Root Certification Authority ECC"

#

# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:75:e6:df:cb:c1:68:5b:a8

# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

```
# Not Valid Before: Fri Feb 12 18:14:03 2016
# Not Valid After : Tue Feb 12 18:14:03 2041
# Fingerprint (SHA-256):
34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65
# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\165\346\337\313\301\150\133\250
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\215\060\202\002\024\240\003\002\001\002\002\010\165
\346\337\313\301\150\133\250\060\012\006\010\052\206\110\316\075
\004\003\002\060\174\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\061
\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157\155
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103\060\036\027\015\061\066\060\062\061\062\061\070\061\064\060
\063\132\027\015\064\061\060\062\061\062\061\070\061\064\060\063
```

\132\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163  
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164  
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114  
\040\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057  
\006\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\040\105\103\103\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\105\156\251\120\304\246\043\066\236  
\137\050\215\027\313\226\042\144\077\334\172\216\035\314\010\263  
\242\161\044\272\216\111\271\004\033\107\226\130\253\055\225\310  
\355\236\010\065\310\047\353\211\214\123\130\353\142\212\376\360  
\133\017\153\061\122\143\101\073\211\315\354\354\266\215\031\323  
\064\007\334\273\306\006\177\302\105\225\354\313\177\250\043\340  
\011\351\201\372\363\107\323\243\143\060\141\060\035\006\003\125  
\035\016\004\026\004\024\202\321\205\163\060\347\065\004\323\216  
\002\222\373\345\244\321\304\041\350\315\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\202\321\205\163\060\347\065\004  
\323\216\002\222\373\345\244\321\304\041\350\315\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\206\060\012\006\010  
\052\206\110\316\075\004\003\002\003\147\000\060\144\002\060\157  
\347\353\131\021\244\140\317\141\260\226\173\355\005\371\057\023  
\221\334\355\345\374\120\153\021\106\106\263\034\041\000\142\273  
\276\303\347\350\315\007\231\371\015\013\135\162\076\304\252\002  
\060\037\274\272\013\342\060\044\373\174\155\200\125\012\231\076  
\200\015\063\345\146\243\263\243\273\245\325\213\217\011\054\246  
\135\176\342\360\007\010\150\155\322\174\151\156\137\337\345\152  
\145

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SSL.com Root Certification Authority ECC"

# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:75:e6:df:cb:c1:68:5b:a8

# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 18:14:03 2016

# Not Valid After : Tue Feb 12 18:14:03 2041

# Fingerprint (SHA-256):

34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65

# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\303\031\174\071\044\346\124\257\033\304\253\040\225\172\342\303
\016\023\002\152
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\056\332\344\071\177\234\217\067\321\160\237\046\027\121\072\216
END
CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\165\346\337\313\301\150\133\250
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SSL.com EV Root Certification Authority RSA R2"
#
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL
Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C
# Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164

```

\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114  
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065  
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105  
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122  
\123\101\040\122\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163  
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164  
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114  
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065  
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105  
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122  
\123\101\040\122\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\126\266\051\315\064\274\170\366

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\353\060\202\003\323\240\003\002\001\002\002\010\126  
\266\051\315\064\274\170\366\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014  
\005\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014  
\007\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004  
\012\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151  
\157\156\061\067\060\065\006\003\125\004\003\014\056\123\123\114  
\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\122\123\101\040\122\062\060\036\027\015\061  
\067\060\065\063\061\061\070\061\064\063\067\132\027\015\064\062  
\060\065\063\060\061\070\061\064\063\067\132\060\201\202\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\016\060\014\006  
\003\125\004\010\014\005\124\145\170\141\163\061\020\060\016\006  
\003\125\004\007\014\007\110\157\165\163\164\157\156\061\030\060  
\026\006\003\125\004\012\014\017\123\123\114\040\103\157\162\160  
\157\162\141\164\151\157\156\061\067\060\065\006\003\125\004\003  
\014\056\123\123\114\056\143\157\155\040\105\126\040\122\157\157  
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\040\122\123\101\040\122\062  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\217\066\145\100\341\326\115\300\327\264\351\106\332\153\352  
\063\107\315\114\371\175\175\276\275\055\075\360\333\170\341\206

\245\331\272\011\127\150\355\127\076\240\320\010\101\203\347\050  
\101\044\037\343\162\025\320\001\032\373\136\160\043\262\313\237  
\071\343\317\305\116\306\222\155\046\306\173\273\263\332\047\235  
\012\206\351\201\067\005\376\360\161\161\354\303\034\351\143\242  
\027\024\235\357\033\147\323\205\125\002\002\326\111\311\314\132  
\341\261\367\157\062\237\311\324\073\210\101\250\234\275\313\253  
\333\155\173\011\037\242\114\162\220\332\053\010\374\317\074\124  
\316\147\017\250\317\135\226\031\013\304\343\162\353\255\321\175  
\035\047\357\222\353\020\277\133\353\073\257\317\200\335\301\322  
\226\004\133\172\176\244\251\074\070\166\244\142\216\240\071\136  
\352\167\317\135\000\131\217\146\054\076\007\242\243\005\046\021  
\151\227\352\205\267\017\226\013\113\310\100\341\120\272\056\212  
\313\367\017\232\042\347\177\232\067\023\315\362\115\023\153\041  
\321\300\314\042\362\241\106\366\104\151\234\312\141\065\007\000  
\157\326\141\010\021\352\272\270\366\351\263\140\345\115\271\354  
\237\024\146\311\127\130\333\315\207\151\370\212\206\022\003\107  
\277\146\023\166\254\167\175\064\044\205\203\315\327\252\234\220  
\032\237\041\054\177\170\267\144\270\330\350\246\364\170\263\125  
\313\204\322\062\304\170\256\243\217\141\335\316\010\123\255\354  
\210\374\025\344\232\015\346\237\032\167\316\114\217\270\024\025  
\075\142\234\206\070\006\000\146\022\344\131\166\132\123\300\002  
\230\242\020\053\150\104\173\216\171\316\063\112\166\252\133\201  
\026\033\265\212\330\320\000\173\136\142\264\011\326\206\143\016  
\246\005\225\111\272\050\213\210\223\262\064\034\330\244\125\156  
\267\034\320\336\231\125\073\043\364\042\340\371\051\146\046\354  
\040\120\167\333\112\013\217\276\345\002\140\160\101\136\324\256  
\120\071\042\024\046\313\262\073\163\164\125\107\007\171\201\071  
\250\060\023\104\345\004\212\256\226\023\045\102\017\271\123\304  
\233\374\315\344\034\336\074\372\253\326\006\112\037\147\246\230  
\060\034\335\054\333\334\030\225\127\146\306\377\134\213\126\365  
\167\002\003\001\000\001\243\143\060\141\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\371\140\273\324\343\325\064\366  
\270\365\006\200\045\247\163\333\106\151\250\236\060\035\006\003  
\125\035\016\004\026\004\024\371\140\273\324\343\325\064\366\270  
\365\006\200\045\247\163\333\106\151\250\236\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\126  
\263\216\313\012\235\111\216\277\244\304\221\273\146\027\005\121  
\230\165\373\345\120\054\172\236\361\024\372\253\323\212\076\377  
\221\051\217\143\213\330\264\251\124\001\015\276\223\206\057\371  
\112\155\307\136\365\127\371\312\125\034\022\276\107\017\066\305  
\337\152\267\333\165\302\107\045\177\271\361\143\370\150\055\125  
\004\321\362\215\260\244\317\274\074\136\037\170\347\245\240\040  
\160\260\004\305\267\367\162\247\336\042\015\275\063\045\106\214  
\144\222\046\343\076\056\143\226\332\233\214\075\370\030\011\327  
\003\314\175\206\202\340\312\004\007\121\120\327\377\222\325\014  
\357\332\206\237\231\327\353\267\257\150\342\071\046\224\272\150

```
\267\277\203\323\352\172\147\075\142\147\256\045\345\162\350\342
\344\354\256\022\366\113\053\074\237\351\260\100\363\070\124\263
\375\267\150\310\332\306\217\121\074\262\373\221\334\034\347\233
\235\341\267\015\162\217\342\244\304\251\170\371\353\024\254\306
\103\005\302\145\071\050\030\002\303\202\262\235\005\276\145\355
\226\137\145\164\074\373\011\065\056\173\234\023\375\033\017\135
\307\155\201\072\126\017\314\073\341\257\002\057\042\254\106\312
\106\074\240\034\114\326\104\264\136\056\134\025\146\011\341\046
\051\376\306\122\141\272\261\163\377\303\014\234\345\154\152\224
\077\024\312\100\026\225\204\363\131\251\254\137\114\141\223\155
\321\073\314\242\225\014\042\246\147\147\104\056\271\331\322\212
\101\263\146\013\132\373\175\043\245\362\032\260\377\336\233\203
\224\056\321\077\337\222\267\221\257\005\073\145\307\240\154\261
\315\142\022\303\220\033\343\045\316\064\274\157\167\166\261\020
\303\367\005\032\300\326\257\164\142\110\027\167\222\151\220\141
\034\336\225\200\164\124\217\030\034\303\363\003\320\277\244\103
\165\206\123\030\172\012\056\011\034\066\237\221\375\202\212\042
\113\321\016\120\045\335\313\003\014\027\311\203\000\010\116\065
\115\212\213\355\360\002\224\146\054\104\177\313\225\047\226\027
\255\011\060\254\266\161\027\156\213\027\366\034\011\324\055\073
\230\245\161\323\124\023\331\140\363\365\113\146\117\372\361\356
\040\022\215\264\254\127\261\105\143\241\254\166\251\302\373
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SSL.com EV Root Certification Authority RSA R2"
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL
Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C
# Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\072\360\122\233\320\062\240\364\112\203\315\324\272\251\173
\174\056\304\232
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\341\036\061\130\032\256\124\123\002\366\027\152\021\173\115\225
```



END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163  
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164  
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114  
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065  
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105  
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122  
\123\101\040\122\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\126\266\051\315\064\274\170\366

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SSL.com EV Root Certification Authority ECC"

#

# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:2c:29:9c:5b:16:ed:05:95

# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 18:15:23 2016

# Not Valid After : Tue Feb 12 18:15:23 2041

# Fingerprint (SHA-256):

22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8

# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061  
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040  
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006  
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103  
\103

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061  
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040  
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006  
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103  
\103

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\054\051\234\133\026\355\005\225

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\224\060\202\002\032\240\003\002\001\002\002\010\054  
\051\234\133\026\355\005\225\060\012\006\010\052\206\110\316\075  
\004\003\002\060\177\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170  
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165  
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123  
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\064  
\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157\155  
\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\105\103\103\060\036\027\015\061\066\060\062\061\062\061\070  
\061\065\062\063\132\027\015\064\061\060\062\061\062\061\070\061  
\065\062\063\132\060\177\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145  
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157  
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017  
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061  
\064\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157  
\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\040\105\103\103\060\166\060\020\006\007\052\206\110\316\075  
\002\001\006\005\053\201\004\000\042\003\142\000\004\252\022\107  
\220\230\033\373\357\303\100\007\203\040\116\361\060\202\242\006  
\321\362\222\206\141\362\366\041\150\312\000\304\307\352\103\000  
\124\206\334\375\037\337\000\270\101\142\134\334\160\026\062\336  
\037\231\324\314\305\007\310\010\037\141\026\007\121\075\175\134  
\007\123\343\065\070\214\337\315\237\331\056\015\112\266\031\056  
\132\160\132\006\355\276\360\241\260\312\320\011\051\243\143\060  
\141\060\035\006\003\125\035\016\004\026\004\024\133\312\136\345  
\336\322\201\252\315\250\055\144\121\266\331\162\233\227\346\117  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\037\006\003\125\035\043\004\030\060\026\200\024\133\312

```
\136\345\336\322\201\252\315\250\055\144\121\266\331\162\233\227
\346\117\060\016\006\003\125\035\017\001\001\377\004\004\003\002
\001\206\060\012\006\010\052\206\110\316\075\004\003\002\003\150
\000\060\145\002\061\000\212\346\100\211\067\353\351\325\023\331
\312\324\153\044\363\260\075\207\106\130\032\354\261\337\157\373
\126\272\160\153\307\070\314\350\261\214\117\017\367\361\147\166
\016\203\320\036\121\217\002\060\075\366\043\050\046\114\306\140
\207\223\046\233\262\065\036\272\326\367\074\321\034\316\372\045
\074\246\032\201\025\133\363\022\017\154\356\145\212\311\207\250
\371\007\340\142\232\214\134\112
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SSL.com EV Root Certification Authority ECC"

# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:2c:29:9c:5b:16:ed:05:95

# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 18:15:23 2016

# Not Valid After : Tue Feb 12 18:15:23 2041

# Fingerprint (SHA-256):

22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8

# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\114\335\121\243\321\365\040\062\024\260\306\305\062\043\003\221
\307\106\102\155
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\131\123\042\145\203\102\001\124\300\316\102\271\132\174\362\220
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```

\002\010\054\051\234\133\026\355\005\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root CA - R6"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Not Valid Before: Wed Dec 10 00:00:00 2014
# Not Valid After : Sun Dec 10 00:00:00 2034
# Fingerprint (SHA-256):
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\203\060\202\003\153\240\003\002\001\002\002\016\105
\346\273\003\203\063\303\205\145\110\346\377\105\121\060\015\006
\011\052\206\110\206\367\015\001\001\014\005\000\060\114\061\040
\060\036\006\003\125\004\013\023\027\107\154\157\142\141\154\123
\151\147\156\040\122\157\157\164\040\103\101\040\055\040\122\066

```

\061\023\060\021\006\003\125\004\012\023\012\107\154\157\142\141  
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012  
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\064  
\061\062\061\060\060\060\060\060\060\060\060\132\027\015\063\064\061  
\062\061\060\060\060\060\060\060\060\132\060\114\061\040\060\036  
\006\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147  
\156\040\122\157\157\164\040\103\101\040\055\040\122\066\061\023  
\060\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123  
\151\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154  
\157\142\141\154\123\151\147\156\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\225\007\350\163\312\146\371  
\354\024\312\173\074\367\015\010\361\264\105\013\054\202\264\110  
\306\353\133\074\256\203\270\101\222\063\024\244\157\177\351\052  
\314\306\260\210\153\305\266\211\321\306\262\377\024\316\121\024  
\041\354\112\335\033\132\306\326\207\356\115\072\025\006\355\144  
\146\013\222\200\312\104\336\163\224\116\363\247\211\177\117\170  
\143\010\310\022\120\155\102\146\057\115\271\171\050\115\122\032  
\212\032\200\267\031\201\016\176\304\212\274\144\114\041\034\103  
\150\327\075\074\212\305\262\146\325\220\232\267\061\006\305\276  
\342\155\062\006\246\036\371\271\353\252\243\270\277\276\202\143  
\120\320\360\030\211\337\344\017\171\365\352\242\037\052\322\160  
\056\173\347\274\223\273\155\123\342\110\174\214\020\007\070\377  
\146\262\167\141\176\340\352\214\074\252\264\244\366\363\225\112  
\022\007\155\375\214\262\211\317\320\240\141\167\310\130\164\260  
\324\043\072\367\135\072\312\242\333\235\011\336\135\104\055\220  
\361\201\315\127\222\372\176\274\120\004\143\064\337\153\223\030  
\276\153\066\262\071\344\254\044\066\267\360\357\266\034\023\127  
\223\266\336\262\370\342\205\267\163\242\270\065\252\105\362\340  
\235\066\241\157\124\212\361\162\126\156\056\210\305\121\102\104  
\025\224\356\243\305\070\226\233\116\116\132\013\107\363\006\066  
\111\167\060\274\161\067\345\246\354\041\010\165\374\346\141\026  
\077\167\325\331\221\227\204\012\154\324\002\115\164\300\024\355  
\375\071\373\203\362\136\024\241\004\260\013\351\376\356\217\341  
\156\013\262\010\263\141\146\011\152\261\006\072\145\226\131\300  
\360\065\375\311\332\050\215\032\021\207\160\201\012\250\232\165  
\035\236\072\206\005\000\236\333\200\326\045\371\334\005\236\047  
\131\114\166\071\133\352\371\245\241\330\203\017\321\377\337\060  
\021\371\205\317\063\110\365\312\155\144\024\054\172\130\117\323  
\113\010\111\305\225\144\032\143\016\171\075\365\263\214\312\130  
\255\234\102\105\171\156\016\207\031\134\124\261\145\266\277\214  
\233\334\023\351\015\157\270\056\334\147\156\311\213\021\265\204  
\024\212\000\031\160\203\171\221\227\221\324\032\047\277\067\036  
\062\007\330\024\143\074\050\114\257\002\003\001\000\001\243\143  
\060\141\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\035\006\003\125\035\016\004\026\004\024\256\154  
\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310\147

\123\240\060\037\006\003\125\035\043\004\030\060\026\200\024\256  
\154\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310  
\147\123\240\060\015\006\011\052\206\110\206\367\015\001\001\014  
\005\000\003\202\002\001\000\203\045\355\350\321\375\225\122\315  
\236\300\004\240\221\151\346\134\320\204\336\334\255\242\117\350  
\107\170\326\145\230\251\133\250\074\207\174\002\212\321\156\267  
\026\163\346\137\300\124\230\325\164\276\301\315\342\021\221\255  
\043\030\075\335\341\162\104\226\264\225\136\300\173\216\231\170  
\026\103\023\126\127\263\242\263\073\265\167\334\100\162\254\243  
\353\233\065\076\261\010\041\241\347\304\103\067\171\062\276\265  
\347\234\054\114\274\103\051\231\216\060\323\254\041\340\343\035  
\372\330\007\063\166\124\000\042\052\271\115\040\056\160\150\332  
\345\123\374\203\134\323\235\362\377\104\014\104\146\362\322\343  
\275\106\000\032\155\002\272\045\135\215\241\061\121\335\124\106  
\034\115\333\231\226\357\032\034\004\134\246\025\357\170\340\171  
\376\135\333\076\252\114\125\375\232\025\251\157\341\246\373\337  
\160\060\351\303\356\102\106\355\302\223\005\211\372\175\143\173  
\077\320\161\201\174\000\350\230\256\016\170\064\303\045\373\257  
\012\237\040\153\335\073\023\217\022\214\342\101\032\110\172\163  
\240\167\151\307\266\134\177\202\310\036\376\130\033\050\053\250  
\154\255\136\155\300\005\322\173\267\353\200\376\045\067\376\002  
\233\150\254\102\135\303\356\365\314\334\360\120\165\322\066\151  
\234\346\173\004\337\156\006\151\266\336\012\011\110\131\207\353  
\173\024\140\172\144\252\151\103\357\221\307\114\354\030\335\154  
\357\123\055\214\231\341\136\362\162\076\317\124\310\275\147\354  
\244\017\114\105\377\323\271\060\043\007\114\217\020\277\206\226  
\331\231\132\264\231\127\034\244\314\273\025\211\123\272\054\005  
\017\344\304\236\031\261\030\064\325\114\235\272\355\367\037\257  
\044\225\004\170\250\003\273\356\201\345\332\137\174\213\112\241  
\220\164\045\247\263\076\113\310\054\126\275\307\310\357\070\342  
\134\222\360\171\367\234\204\272\164\055\141\001\040\176\176\321  
\362\117\007\131\137\213\055\103\122\353\106\014\224\341\365\146  
\107\171\167\325\124\133\037\255\044\067\313\105\132\116\240\104  
\110\310\330\260\231\305\025\204\011\366\326\111\111\300\145\270  
\346\032\161\156\240\250\361\202\350\105\076\154\326\002\327\012  
\147\203\005\132\311\244\020

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign Root CA - R6"  
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6  
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51  
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6  
# Not Valid Before: Wed Dec 10 00:00:00 2014  
# Not Valid After : Sun Dec 10 00:00:00 2034  
# Fingerprint (SHA-256):

```
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\200\224\144\016\265\247\241\312\021\234\037\335\325\237\201\002
\143\247\373\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\117\335\007\344\324\042\144\071\036\014\067\102\352\321\306\256
END
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GC CA"
#
# Issuer: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea
# Subject: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Tue May 09 09:48:34 2017
# Not Valid After : Fri May 09 09:58:33 2042
# Fingerprint (SHA-256):
85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D
# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
```

\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055  
\072\352

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\151\060\202\001\357\240\003\002\001\002\002\020\041  
\052\126\014\256\332\014\253\100\105\277\053\242\055\072\352\060  
\012\006\010\052\206\110\316\075\004\003\003\060\155\061\013\060  
\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003  
\125\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040  
\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165  
\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144  
\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105  
\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040  
\122\157\157\164\040\107\103\040\103\101\060\036\027\015\061\067  
\060\065\060\071\060\071\064\070\063\064\132\027\015\064\062\060  
\065\060\071\060\071\065\070\063\063\132\060\155\061\013\060\011  
\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003\125  
\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040\006  
\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156  
\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061  
\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040  
\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122  
\157\157\164\040\107\103\040\103\101\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\114\351\120\300\306\017\162\030\274\330\361\272\263\211\342  
\171\112\243\026\247\153\124\044\333\121\377\352\364\011\044\303  
\013\042\237\313\152\047\202\201\015\322\300\257\061\344\164\202  
\156\312\045\331\214\165\235\361\333\320\232\242\113\041\176\026  
\247\143\220\322\071\324\261\207\170\137\030\226\017\120\033\065  
\067\017\152\306\334\331\023\115\244\216\220\067\346\275\133\061



```
\221\243\124\060\122\060\016\006\003\125\035\017\001\001\377\004
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\110\207\024\254\343\303\236\220\140\072\327\312\211\356\323
\255\214\264\120\146\060\020\006\011\053\006\001\004\001\202\067
\025\001\004\003\002\001\000\060\012\006\010\052\206\110\316\075
\004\003\003\003\150\000\060\145\002\060\046\307\151\133\334\325
\347\262\347\310\014\214\214\303\335\171\214\033\143\325\311\122
\224\116\115\202\112\163\036\262\200\204\251\045\300\114\132\155
\111\051\140\170\023\342\176\110\353\144\002\061\000\333\064\040
\062\010\377\232\111\002\266\210\336\024\257\135\154\231\161\215
\032\077\213\327\340\242\066\206\034\007\202\072\166\123\375\302
\242\355\357\173\260\200\117\130\017\113\123\071\275
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "OISTE WISEKey Global Root GC CA"

# Issuer: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea

# Subject: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Not Valid Before: Tue May 09 09:48:34 2017

# Not Valid After : Fri May 09 09:58:33 2042

# Fingerprint (SHA-256):

85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D

# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "OISTE WISEKey Global Root GC CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\340\021\204\136\064\336\276\210\201\271\234\366\026\046\321\226
\037\303\271\061
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\251\326\271\055\057\223\144\370\245\151\312\221\351\150\007\043
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\352
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "UCA Global G2 Root"
#
# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef
# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 11 00:00:00 2016
# Not Valid After : Mon Dec 31 00:00:00 2040
# Fingerprint (SHA-256):
9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C
# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\106\060\202\003\056\240\003\002\001\002\002\020\135
\337\261\332\132\243\355\135\276\132\145\040\145\003\220\357\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\075
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060

```

\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164  
\061\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107  
\154\157\142\141\154\040\107\062\040\122\157\157\164\060\036\027  
\015\061\066\060\063\061\061\060\060\060\060\060\060\132\027\015  
\064\060\061\062\063\061\060\060\060\060\060\060\132\060\075\061  
\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060\017  
\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164\061  
\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107\154  
\157\142\141\154\040\107\062\040\122\157\157\164\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\305\346\053  
\157\174\357\046\005\047\243\201\044\332\157\313\001\371\231\232  
\251\062\302\042\207\141\101\221\073\313\303\150\033\006\305\114  
\251\053\301\147\027\042\035\053\355\371\051\211\223\242\170\275  
\222\153\240\243\015\242\176\312\223\263\246\321\214\065\325\165  
\371\027\366\317\105\305\345\172\354\167\223\240\217\043\256\016  
\032\003\177\276\324\320\355\056\173\253\106\043\133\377\054\346  
\124\172\224\300\052\025\360\311\215\260\172\073\044\341\327\150  
\342\061\074\006\063\106\266\124\021\246\245\057\042\124\052\130  
\015\001\002\361\372\025\121\147\154\300\372\327\266\033\177\321  
\126\210\057\032\072\215\073\273\202\021\340\107\000\320\122\207  
\253\373\206\176\017\044\153\100\235\064\147\274\215\307\055\206  
\157\171\076\216\251\074\027\113\177\260\231\343\260\161\140\334  
\013\365\144\303\316\103\274\155\161\271\322\336\047\133\212\350  
\330\306\256\341\131\175\317\050\055\065\270\225\126\032\361\262  
\130\113\267\022\067\310\174\263\355\113\200\341\215\372\062\043  
\266\157\267\110\225\010\261\104\116\205\214\072\002\124\040\057  
\337\277\127\117\073\072\220\041\327\301\046\065\124\040\354\307  
\077\107\354\357\132\277\113\172\301\255\073\027\120\134\142\330  
\017\113\112\334\053\372\156\274\163\222\315\354\307\120\350\101  
\226\327\251\176\155\330\351\035\217\212\265\271\130\222\272\112  
\222\053\014\126\375\200\353\010\360\136\051\156\033\034\014\257  
\217\223\211\255\333\275\243\236\041\312\211\031\354\337\265\303  
\032\353\026\376\170\066\114\326\156\320\076\027\034\220\027\153  
\046\272\373\172\057\277\021\034\030\016\055\163\003\217\240\345  
\065\240\132\342\114\165\035\161\341\071\070\123\170\100\314\203  
\223\327\012\236\235\133\217\212\344\345\340\110\344\110\262\107  
\315\116\052\165\052\173\362\042\366\311\276\011\221\226\127\172  
\210\210\254\356\160\254\371\334\051\343\014\034\073\022\116\104  
\326\247\116\260\046\310\363\331\032\227\221\150\352\357\215\106  
\006\322\126\105\130\232\074\014\017\203\270\005\045\303\071\317  
\073\244\064\211\267\171\022\057\107\305\347\251\227\151\374\246  
\167\147\265\337\173\361\172\145\025\344\141\126\145\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\201\304\214\314\365\344\060\377\245\014\010\137\214\025  
\147\041\164\001\337\337\060\015\006\011\052\206\110\206\367\015

\001\001\013\005\000\003\202\002\001\000\023\145\042\365\216\053  
\255\104\344\313\377\271\150\346\303\200\110\075\004\173\372\043  
\057\172\355\066\332\262\316\155\366\346\236\345\137\130\217\313  
\067\062\241\310\145\266\256\070\075\065\033\076\274\073\266\004  
\320\274\371\111\365\233\367\205\305\066\266\313\274\370\310\071  
\325\344\137\007\275\025\124\227\164\312\312\355\117\272\272\144  
\166\237\201\270\204\105\111\114\215\157\242\353\261\314\321\303  
\224\332\104\302\346\342\352\030\350\242\037\047\005\272\327\345  
\326\251\315\335\357\166\230\215\000\016\315\033\372\003\267\216  
\200\130\016\047\077\122\373\224\242\312\136\145\311\326\204\332  
\271\065\161\363\046\300\117\167\346\201\047\322\167\073\232\024  
\157\171\364\366\320\341\323\224\272\320\127\121\275\047\005\015  
\301\375\310\022\060\356\157\215\021\053\010\235\324\324\277\200  
\105\024\232\210\104\332\060\352\264\247\343\356\357\133\202\325  
\076\326\255\170\222\333\134\074\363\330\255\372\270\153\177\304  
\066\050\266\002\025\212\124\054\234\260\027\163\216\320\067\243  
\024\074\230\225\000\014\051\005\133\236\111\111\261\137\307\343  
\313\317\047\145\216\065\027\267\127\310\060\331\101\133\271\024  
\266\350\302\017\224\061\247\224\230\314\152\353\265\341\047\365  
\020\250\001\350\216\022\142\350\210\314\265\177\106\227\300\233  
\020\146\070\032\066\106\137\042\150\075\337\311\306\023\047\253  
\123\006\254\242\074\206\006\145\157\261\176\261\051\104\232\243  
\272\111\151\050\151\217\327\345\137\255\004\206\144\157\032\240  
\014\305\010\142\316\200\243\320\363\354\150\336\276\063\307\027  
\133\177\200\304\114\114\261\246\204\212\303\073\270\011\315\024  
\201\272\030\343\124\127\066\376\333\057\174\107\241\072\063\310  
\371\130\073\104\117\261\312\002\211\004\226\050\150\305\113\270  
\046\211\273\326\063\057\120\325\376\232\211\272\030\062\222\124  
\306\133\340\235\371\136\345\015\042\233\366\332\342\310\041\262  
\142\041\252\206\100\262\056\144\323\137\310\343\176\021\147\105  
\037\005\376\343\242\357\263\250\263\363\175\217\370\014\037\042  
\037\055\160\264\270\001\064\166\060\000\345\043\170\247\126\327  
\120\037\212\373\006\365\302\031\360\320

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "UCA Global G2 Root"

# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef

# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Not Valid Before: Fri Mar 11 00:00:00 2016

# Not Valid After : Mon Dec 31 00:00:00 2040

# Fingerprint (SHA-256):

9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C

# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\050\371\170\026\031\172\377\030\045\030\252\104\376\301\240\316
\134\266\114\212
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\200\376\360\304\112\360\134\142\062\237\034\272\170\251\120\370
END
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "UCA Extended Validation Root"
#
# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 13 00:00:00 2015
# Not Valid After : Fri Dec 31 00:00:00 2038
# Fingerprint (SHA-256):
D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24
# Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Extended Validation Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141

```

\164\151\157\156\040\122\157\157\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165  
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101  
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141  
\164\151\157\156\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043  
\160\140

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\117  
\322\053\217\365\144\310\063\236\117\064\130\146\043\160\140\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\107  
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060  
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164  
\061\045\060\043\006\003\125\004\003\014\034\125\103\101\040\105  
\170\164\145\156\144\145\144\040\126\141\154\151\144\141\164\151  
\157\156\040\122\157\157\164\060\036\027\015\061\065\060\063\061  
\063\060\060\060\060\060\132\027\015\063\070\061\062\063\061  
\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125  
\004\006\023\002\103\116\061\021\060\017\006\003\125\004\012\014  
\010\125\156\151\124\162\165\163\164\061\045\060\043\006\003\125  
\004\003\014\034\125\103\101\040\105\170\164\145\156\144\145\144  
\040\126\141\154\151\144\141\164\151\157\156\040\122\157\157\164  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\251\011\007\050\023\002\260\231\340\144\252\036\103\026\172  
\163\261\221\240\165\076\250\372\343\070\000\172\354\211\152\040  
\017\213\305\260\233\063\003\132\206\306\130\206\325\301\205\273  
\117\306\234\100\115\312\276\356\151\226\270\255\201\060\232\174  
\222\005\353\005\053\232\110\320\270\166\076\226\310\040\273\322  
\260\361\217\330\254\105\106\377\252\147\140\264\167\176\152\037  
\074\032\122\172\004\075\007\074\205\015\204\320\037\166\012\367  
\152\024\337\162\343\064\174\127\116\126\001\076\171\361\252\051  
\073\154\372\370\217\155\115\310\065\337\256\353\334\044\356\171  
\105\247\205\266\005\210\336\210\135\045\174\227\144\147\011\331  
\277\132\025\005\206\363\011\036\354\130\062\063\021\363\167\144  
\260\166\037\344\020\065\027\033\362\016\261\154\244\052\243\163  
\374\011\037\036\062\031\123\021\347\331\263\054\056\166\056\241  
\243\336\176\152\210\011\350\362\007\212\370\262\315\020\347\342  
\163\100\223\273\010\321\077\341\374\013\224\263\045\357\174\246  
\327\321\257\237\377\226\232\365\221\173\230\013\167\324\176\350  
\007\322\142\265\225\071\343\363\361\155\017\016\145\204\212\143

\124\305\200\266\340\236\113\175\107\046\247\001\010\135\321\210  
\236\327\303\062\104\372\202\112\012\150\124\177\070\123\003\314  
\244\000\063\144\121\131\013\243\202\221\172\136\354\026\302\363  
\052\346\142\332\052\333\131\142\020\045\112\052\201\013\107\007  
\103\006\160\207\322\372\223\021\051\172\110\115\353\224\307\160  
\115\257\147\325\121\261\200\040\001\001\264\172\010\246\220\177  
\116\340\357\007\101\207\257\152\245\136\213\373\317\120\262\232  
\124\257\303\211\272\130\055\365\060\230\261\066\162\071\176\111  
\004\375\051\247\114\171\344\005\127\333\224\271\026\123\215\106  
\263\035\225\141\127\126\177\257\360\026\133\141\130\157\066\120  
\021\013\330\254\053\225\026\032\016\037\010\315\066\064\145\020  
\142\146\325\200\137\024\040\137\055\014\240\170\012\150\326\054  
\327\351\157\053\322\112\005\223\374\236\157\153\147\377\210\361  
\116\245\151\112\122\067\005\352\306\026\215\322\304\231\321\202  
\053\073\272\065\165\367\121\121\130\363\310\007\335\344\264\003  
\177\002\003\001\000\001\243\102\060\100\060\035\006\003\125\035  
\016\004\026\004\024\331\164\072\344\060\075\015\367\022\334\176  
\132\005\237\036\064\232\367\341\024\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\066\215  
\227\314\102\025\144\051\067\233\046\054\326\373\256\025\151\054  
\153\032\032\367\137\266\371\007\114\131\352\363\311\310\271\256  
\314\272\056\172\334\300\365\260\055\300\073\257\237\160\005\021  
\152\237\045\117\001\051\160\343\345\014\341\352\132\174\334\111  
\273\301\036\052\201\365\026\113\162\221\310\242\061\271\252\332  
\374\235\037\363\135\100\002\023\374\116\034\006\312\263\024\220  
\124\027\031\022\032\361\037\327\014\151\132\366\161\170\364\224  
\175\221\013\216\354\220\124\216\274\157\241\114\253\374\164\144  
\375\161\232\370\101\007\241\315\221\344\074\232\340\233\062\071  
\163\253\052\325\151\310\170\221\046\061\175\342\307\060\361\374  
\024\170\167\022\016\023\364\335\026\224\277\113\147\173\160\123  
\205\312\260\273\363\070\115\054\220\071\300\015\302\135\153\351  
\342\345\325\210\215\326\054\277\253\033\276\265\050\207\022\027  
\164\156\374\175\374\217\320\207\046\260\033\373\271\154\253\342  
\236\075\025\301\073\056\147\002\130\221\237\357\370\102\037\054  
\267\150\365\165\255\317\265\366\377\021\175\302\360\044\245\255  
\323\372\240\074\251\372\135\334\245\240\357\104\244\276\326\350  
\345\344\023\226\027\173\006\076\062\355\307\267\102\274\166\243  
\330\145\070\053\070\065\121\041\016\016\157\056\064\023\100\341  
\053\147\014\155\112\101\060\030\043\132\062\125\231\311\027\340  
\074\336\366\354\171\255\053\130\031\242\255\054\042\032\225\216  
\276\226\220\135\102\127\304\371\024\003\065\053\034\055\121\127  
\010\247\072\336\077\344\310\264\003\163\302\301\046\200\273\013  
\102\037\255\015\257\046\162\332\314\276\263\243\203\130\015\202  
\305\037\106\121\343\234\030\314\215\233\215\354\111\353\165\120  
\325\214\050\131\312\164\064\332\214\013\041\253\036\352\033\345  
\307\375\025\076\300\027\252\373\043\156\046\106\313\372\371\261

```
\162\153\151\317\042\204\013\142\017\254\331\031\000\224\242\166
\074\324\055\232\355\004\236\055\006\142\020\067\122\034\205\162
\033\047\345\314\306\061\354\067\354\143\131\233\013\035\166\314
\176\062\232\210\225\010\066\122\273\336\166\137\166\111\111\255
\177\275\145\040\262\311\301\053\166\030\166\237\126\261
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "UCA Extended Validation Root"
```

```
# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
```

```
# Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60
```

```
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
```

```
# Not Valid Before: Fri Mar 13 00:00:00 2015
```

```
# Not Valid After : Fri Dec 31 00:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24
```

```
# Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "UCA Extended Validation Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\243\241\260\157\044\141\043\112\343\066\245\302\067\374\246\377
\335\360\327\072
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\241\363\137\103\306\064\233\332\277\214\176\005\123\255\226\342
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```



```

# Certificate "Certigna Root CA"
#
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1
# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After : Sat Oct 01 08:32:27 2033
# Fingerprint (SHA-256):
D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68
# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304
\343\246\341
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\133\060\202\004\103\240\003\002\001\002\002\021\000
\312\351\033\211\361\125\003\015\243\346\101\155\304\343\246\341
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061\022
\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157\164
\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060\060
\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063\066
\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164\151
\147\156\141\040\122\157\157\164\040\103\101\060\036\027\015\061
\063\061\060\060\061\060\070\063\062\062\067\132\027\015\063\063

```

\061\060\060\061\060\070\063\062\062\067\132\060\132\061\013\060  
\011\006\003\125\004\006\023\002\106\122\061\022\060\020\006\003  
\125\004\012\014\011\104\150\151\155\171\157\164\151\163\061\034  
\060\032\006\003\125\004\013\014\023\060\060\060\062\040\064\070  
\061\064\066\063\060\070\061\060\060\060\063\066\061\031\060\027  
\006\003\125\004\003\014\020\103\145\162\164\151\147\156\141\040  
\122\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\315\030\071\145\032\131\261\352  
\144\026\016\214\224\044\225\174\203\323\305\071\046\334\014\357  
\026\127\215\327\330\254\243\102\177\202\312\355\315\133\333\016  
\267\055\355\105\010\027\262\331\263\313\326\027\122\162\050\333  
\216\116\236\212\266\013\371\236\204\232\115\166\336\042\051\134  
\322\263\322\006\076\060\071\251\164\243\222\126\034\241\157\114  
\012\040\155\237\043\172\264\306\332\054\344\035\054\334\263\050  
\320\023\362\114\116\002\111\241\124\100\236\346\345\005\240\055  
\204\310\377\230\154\320\353\212\032\204\010\036\267\150\043\356  
\043\325\160\316\155\121\151\020\356\241\172\302\321\042\061\302  
\202\205\322\362\125\166\120\174\045\172\311\204\134\013\254\335  
\102\116\053\347\202\242\044\211\313\220\262\320\356\043\272\146  
\114\273\142\244\371\123\132\144\173\174\230\372\243\110\236\017  
\225\256\247\030\364\152\354\056\003\105\257\360\164\370\052\315  
\172\135\321\276\104\046\062\051\361\361\365\154\314\176\002\041  
\013\237\157\244\077\276\235\123\342\317\175\251\054\174\130\032  
\227\341\075\067\067\030\146\050\322\100\305\121\212\214\303\055  
\316\123\210\044\130\144\060\026\305\252\340\326\012\246\100\337  
\170\366\365\004\174\151\023\204\274\321\321\247\006\317\001\367  
\150\300\250\127\273\072\141\255\004\214\223\343\255\374\360\333  
\104\155\131\334\111\131\256\254\232\231\066\060\101\173\166\063  
\042\207\243\302\222\206\156\371\160\356\256\207\207\225\033\304  
\172\275\061\363\324\322\345\231\377\276\110\354\165\365\170\026  
\035\246\160\301\177\074\033\241\222\373\317\310\074\326\305\223  
\012\217\365\125\072\166\225\316\131\230\212\011\225\167\062\232  
\203\272\054\004\072\227\275\324\057\276\327\154\233\242\312\175  
\155\046\311\125\325\317\303\171\122\010\011\231\007\044\055\144  
\045\153\246\041\151\233\152\335\164\115\153\227\172\101\275\253  
\027\371\220\027\110\217\066\371\055\325\305\333\356\252\205\105  
\101\372\315\072\105\261\150\346\066\114\233\220\127\354\043\271  
\207\010\302\304\011\361\227\206\052\050\115\342\164\300\332\304  
\214\333\337\342\241\027\131\316\044\131\164\061\332\177\375\060  
\155\331\334\341\152\341\374\137\002\003\001\000\001\243\202\001  
\032\060\202\001\026\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037\326  
\341\342\171\176\053\060\037\006\003\125\035\043\004\030\060\026  
\200\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037  
\326\341\342\171\176\053\060\104\006\003\125\035\040\004\075\060

\073\060\071\006\004\125\035\040\000\060\061\060\057\006\010\053  
\006\001\005\005\007\002\001\026\043\150\164\164\160\163\072\057  
\057\167\167\167\167\056\143\145\162\164\151\147\156\141\056\146  
\162\057\141\165\164\157\162\151\164\145\163\057\060\155\006\003  
\125\035\037\004\146\060\144\060\057\240\055\240\053\206\051\150  
\164\164\160\072\057\057\143\162\154\056\143\145\162\164\151\147  
\156\141\056\146\162\057\143\145\162\164\151\147\156\141\162\157  
\157\164\143\141\056\143\162\154\060\061\240\057\240\055\206\053  
\150\164\164\160\072\057\057\143\162\154\056\144\150\151\155\171  
\157\164\151\163\056\143\157\155\057\143\145\162\164\151\147\156  
\141\162\157\157\164\143\141\056\143\162\154\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\224  
\270\236\117\360\343\225\010\042\347\315\150\101\367\034\125\325  
\174\000\342\055\072\211\135\150\070\057\121\042\013\112\215\313  
\351\273\135\076\273\134\075\261\050\376\344\123\125\023\317\241  
\220\033\002\035\137\146\106\011\063\050\341\015\044\227\160\323  
\020\037\352\144\127\226\273\135\332\347\304\214\117\114\144\106  
\035\134\207\343\131\336\102\321\233\250\176\246\211\335\217\034  
\311\060\202\355\073\234\315\300\351\031\340\152\330\002\165\067  
\253\367\064\050\050\221\362\004\012\117\065\343\140\046\001\372  
\320\021\214\371\021\152\356\257\075\303\120\323\217\137\063\171  
\074\206\250\163\105\220\214\040\266\162\163\027\043\276\007\145  
\345\170\222\015\272\001\300\353\214\034\146\277\254\206\167\001  
\224\015\234\346\351\071\215\037\246\121\214\231\014\071\167\341  
\264\233\372\034\147\127\157\152\152\216\251\053\114\127\171\172  
\127\042\317\315\137\143\106\215\134\131\072\206\370\062\107\142  
\243\147\015\030\221\334\373\246\153\365\110\141\163\043\131\216  
\002\247\274\104\352\364\111\235\361\124\130\371\140\257\332\030  
\244\057\050\105\334\172\240\210\206\135\363\073\347\377\051\065  
\200\374\144\103\224\346\343\034\157\276\255\016\052\143\231\053  
\311\176\205\366\161\350\006\003\225\376\336\217\110\034\132\324  
\222\350\053\356\347\061\333\272\004\152\207\230\347\305\137\357  
\175\247\042\367\001\330\115\371\211\320\016\232\005\131\244\236  
\230\331\157\053\312\160\276\144\302\125\243\364\351\257\303\222  
\051\334\210\026\044\231\074\215\046\230\266\133\267\314\316\267  
\067\007\375\046\331\230\205\044\377\131\043\003\232\355\235\235  
\250\344\136\070\316\327\122\015\157\322\077\155\261\005\153\111  
\316\212\221\106\163\364\366\057\360\250\163\167\016\145\254\241  
\215\146\122\151\176\113\150\014\307\036\067\047\203\245\214\307  
\002\344\024\315\111\001\260\163\263\375\306\220\072\157\322\154  
\355\073\356\354\221\276\242\103\135\213\000\112\146\045\104\160  
\336\100\017\370\174\025\367\242\316\074\327\136\023\214\201\027  
\030\027\321\275\361\167\020\072\324\145\071\301\047\254\127\054  
\045\124\377\242\332\117\212\141\071\136\256\075\112\214\275

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "Certigna Root CA"
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1
# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After : Sat Oct 01 08:32:27 2033
# Fingerprint (SHA-256):
D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68
# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\055\015\122\024\377\236\255\231\044\001\164\040\107\156\154\205
\047\047\365\103
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\016\134\060\142\047\353\133\274\327\256\142\272\351\325\337\167
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304
\343\246\341
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign Root CA - G1"
#
# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):

```

40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67

# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "emSign Root CA - G1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145  
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147  
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006  
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157  
\164\040\103\101\040\055\040\107\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145  
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147  
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006  
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157  
\164\040\103\101\040\055\040\107\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\012\061\365\344\142\014\154\130\355\326\330

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\224\060\202\002\174\240\003\002\001\002\002\012\061  
\365\344\142\014\154\130\355\326\330\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\060\147\061\013\060\011\006\003  
\125\004\006\023\002\111\116\061\023\060\021\006\003\125\004\013  
\023\012\145\155\123\151\147\156\040\120\113\111\061\045\060\043  
\006\003\125\004\012\023\034\145\115\165\144\150\162\141\040\124  
\145\143\150\156\157\154\157\147\151\145\163\040\114\151\155\151  
\164\145\144\061\034\060\032\006\003\125\004\003\023\023\145\155  
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\107  
\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060  
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060  
\132\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116  
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147  
\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034  
\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157  
\147\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032  
\006\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157

\157\164\040\103\101\040\055\040\107\061\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\223\113\273\351\146  
\212\356\235\133\325\064\223\320\033\036\303\347\236\270\144\063  
\177\143\170\150\264\315\056\161\165\327\233\040\306\115\051\274  
\266\150\140\212\367\041\232\126\065\132\363\166\275\330\315\232  
\377\223\126\113\245\131\006\241\223\064\051\335\026\064\165\116  
\362\201\264\307\226\116\255\031\025\122\112\376\074\160\165\160  
\315\257\053\253\025\232\063\074\252\263\213\252\315\103\375\365  
\352\160\377\355\317\021\073\224\316\116\062\026\323\043\100\052  
\167\263\257\074\001\054\154\355\231\054\213\331\116\151\230\262  
\367\217\101\260\062\170\141\326\015\137\303\372\242\100\222\035  
\134\027\346\160\076\065\347\242\267\302\142\342\253\244\070\114  
\265\071\065\157\352\003\151\372\072\124\150\205\155\326\362\057  
\103\125\036\221\015\016\330\325\152\244\226\321\023\074\054\170  
\120\350\072\222\322\027\126\345\065\032\100\034\076\215\054\355  
\071\337\102\340\203\101\164\337\243\315\302\206\140\110\150\343  
\151\013\124\000\213\344\166\151\041\015\171\116\064\010\136\024  
\302\314\261\267\255\327\174\160\212\307\205\002\003\001\000\001  
\243\102\060\100\060\035\006\003\125\035\016\004\026\004\024\373  
\357\015\206\236\260\343\335\251\271\361\041\027\177\076\374\360  
\167\053\032\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\001\001\000\131\377\362\214\365\207\175\161  
\075\243\237\033\133\321\332\370\323\234\153\066\275\233\251\141  
\353\336\026\054\164\075\236\346\165\332\327\272\247\274\102\027  
\347\075\221\353\345\175\335\076\234\361\317\222\254\154\110\314  
\302\042\077\151\073\305\266\025\057\243\065\306\150\052\034\127  
\257\071\357\215\320\065\303\030\014\173\000\126\034\315\213\031  
\164\336\276\017\022\340\320\252\241\077\002\064\261\160\316\235  
\030\326\010\003\011\106\356\140\340\176\266\304\111\004\121\175  
\160\140\274\252\262\377\171\162\172\246\035\075\137\052\370\312  
\342\375\071\267\107\271\353\176\337\004\043\257\372\234\006\007  
\351\373\143\223\200\100\265\306\154\012\061\050\316\014\237\317  
\263\043\065\200\101\215\154\304\067\173\201\057\200\241\100\102  
\205\351\331\070\215\350\241\123\315\001\277\151\350\132\006\362  
\105\013\220\372\256\341\277\235\362\256\127\074\245\256\262\126  
\364\213\145\100\351\375\061\201\054\364\071\011\330\356\153\247  
\264\246\035\025\245\230\367\001\201\330\205\175\363\121\134\161  
\210\336\272\314\037\200\176\112

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "emSign Root CA - G1"

# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

```

# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67
# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\212\307\255\217\163\254\116\301\265\165\115\245\100\364\374\317
\174\265\216\214
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\234\102\204\127\335\313\013\247\056\225\255\266\363\332\274\254
END
CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign ECC Root CA - G3"
#
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\116\060\202\001\323\240\003\002\001\002\002\012\074
\366\007\251\150\160\016\332\213\204\060\012\006\010\052\206\110
\316\075\004\003\003\060\153\061\013\060\011\006\003\125\004\006
\023\002\111\116\061\023\060\021\006\003\125\004\013\023\012\145
\155\123\151\147\156\040\120\113\111\061\045\060\043\006\003\125
\004\012\023\034\145\115\165\144\150\162\141\040\124\145\143\150
\156\157\154\157\147\151\145\163\040\114\151\155\151\164\145\144
\061\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147
\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040
\107\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060
\060\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060
\060\132\060\153\061\013\060\011\006\003\125\004\006\023\002\111
\116\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151
\147\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023
\034\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154
\157\147\151\145\163\040\114\151\155\151\164\145\144\061\040\060
\036\006\003\125\004\003\023\027\145\155\123\151\147\156\040\105
\103\103\040\122\157\157\164\040\103\101\040\055\040\107\063\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
\004\000\042\003\142\000\004\043\245\014\270\055\022\365\050\363
```



```
\261\262\335\342\002\022\200\236\071\137\111\115\237\311\045\064
\131\164\354\273\006\034\347\300\162\257\350\256\057\341\101\124
\207\024\250\112\262\350\174\202\346\133\152\265\334\263\165\316
\213\006\320\206\043\277\106\325\216\017\077\004\364\327\034\222
\176\366\245\143\302\365\137\216\056\117\241\030\031\002\053\062
\012\202\144\175\026\223\321\243\102\060\100\060\035\006\003\125
\035\016\004\026\004\024\174\135\002\204\023\324\314\212\233\201
\316\027\034\056\051\036\234\110\143\102\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\012\006\010\052
\206\110\316\075\004\003\003\003\151\000\060\146\002\061\000\276
\363\141\317\002\020\035\144\225\007\270\030\156\210\205\005\057
\203\010\027\220\312\037\212\114\350\015\033\172\261\255\325\201
\011\107\357\073\254\010\004\174\134\231\261\355\107\007\322\002
\061\000\235\272\125\374\251\112\350\355\355\346\166\001\102\173
\310\370\140\331\215\121\213\125\073\373\214\173\353\145\011\303
\370\226\315\107\250\202\362\026\125\167\044\176\022\020\225\004
\054\243
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "emSign ECC Root CA - G3"
```

```
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
```

```
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
```

```
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
```

```
# Not Valid Before: Sun Feb 18 18:30:00 2018
```

```
# Not Valid After : Wed Feb 18 18:30:00 2043
```

```
# Fingerprint (SHA-256):
```

```
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
```

```
# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\060\103\372\117\362\127\334\240\303\200\356\056\130\352\170\262
\077\346\273\301
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\316\013\162\321\237\210\216\320\120\003\350\343\270\213\147\100
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
```

```
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\012\074\366\007\251\150\160\016\332\213\204
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "emSign Root CA - C1"

#

# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US

# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2

# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

```
12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F
```

# Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "emSign Root CA - C1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\000\256\317\000\272\304\317\062\370\103\262

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\163\060\202\002\133\240\003\002\001\002\002\013\000  
\256\317\000\272\304\317\062\370\103\262\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\060\126\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125\004  
\013\023\012\145\155\123\151\147\156\040\120\113\111\061\024\060  
\022\006\003\125\004\012\023\013\145\115\165\144\150\162\141\040  
\111\156\143\061\034\060\032\006\003\125\004\003\023\023\145\155  
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\103  
\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060  
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060  
\132\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147  
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013  
\145\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006  
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157  
\164\040\103\101\040\055\040\103\061\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\317\353\251\271\361\231  
\005\314\330\050\041\112\363\163\064\121\204\126\020\365\240\117  
\054\022\343\372\023\232\047\320\317\371\171\032\164\137\035\171  
\071\374\133\370\160\216\340\222\122\367\344\045\371\124\203\331  
\035\323\310\132\205\077\136\307\266\007\356\076\300\316\232\257  
\254\126\102\052\071\045\160\326\277\265\173\066\255\254\366\163  
\334\315\327\035\212\203\245\373\053\220\025\067\153\034\046\107  
\334\073\051\126\223\152\263\301\152\072\235\075\365\301\227\070  
\130\005\213\034\021\343\344\264\270\135\205\035\203\376\170\137  
\013\105\150\030\110\245\106\163\064\073\376\017\310\166\273\307  
\030\363\005\321\206\363\205\355\347\271\331\062\255\125\210\316  
\246\266\221\260\117\254\176\025\043\226\366\077\360\040\064\026  
\336\012\306\304\004\105\171\177\247\375\276\322\251\245\257\234  
\305\043\052\367\074\041\154\275\257\217\116\305\072\262\363\064  
\022\374\337\200\032\111\244\324\251\225\367\236\211\136\242\211  
\254\224\313\250\150\233\257\212\145\047\315\211\356\335\214\265  
\153\051\160\103\240\151\013\344\271\017\002\003\001\000\001\243  
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\376\241  
\340\160\036\052\003\071\122\132\102\276\134\221\205\172\030\252  
\115\265\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\302\112\126\372\025\041\173\050\242  
\351\345\035\373\370\055\304\071\226\101\114\073\047\054\304\154  
\030\025\200\306\254\257\107\131\057\046\013\343\066\260\357\073  
\376\103\227\111\062\231\022\025\133\337\021\051\377\253\123\370  
\273\301\170\017\254\234\123\257\127\275\150\214\075\151\063\360  
\243\240\043\143\073\144\147\042\104\255\325\161\313\126\052\170

```
\222\243\117\022\061\066\066\342\336\376\000\304\243\140\017\047
\255\240\260\212\265\066\172\122\241\275\047\364\040\047\142\350
\115\224\044\023\344\012\004\351\074\253\056\310\103\011\112\306
\141\004\345\111\064\176\323\304\310\365\017\300\252\351\272\124
\136\363\143\053\117\117\120\324\376\271\173\231\214\075\300\056
\274\002\053\323\304\100\344\212\007\061\036\233\316\046\231\023
\373\021\352\232\042\014\021\031\307\136\033\201\120\060\310\226
\022\156\347\313\101\177\221\073\242\107\267\124\200\033\334\000
\314\232\220\352\303\303\120\006\142\014\060\300\025\110\247\250
\131\174\341\256\042\242\342\012\172\017\372\142\253\122\114\341
\361\337\312\276\203\015\102
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "emSign Root CA - C1"
```

```
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
```

```
# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
```

```
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
```

```
# Not Valid Before: Sun Feb 18 18:30:00 2018
```

```
# Not Valid After : Wed Feb 18 18:30:00 2043
```

```
# Fingerprint (SHA-256):
```

```
12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F
```

```
# Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "emSign Root CA - C1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\347\056\361\337\374\262\011\050\317\135\324\325\147\067\261\121
\313\206\117\001
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\330\343\135\001\041\372\170\132\260\337\272\322\356\052\137\150
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\013\000\256\317\000\272\304\317\062\370\103\262
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "emSign ECC Root CA - C3"

#

# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US

# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8

# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3

# Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "emSign ECC Root CA - C3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145  
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003  
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040  
\122\157\157\164\040\103\101\040\055\040\103\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156  
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145  
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003  
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040  
\122\157\157\164\040\103\101\040\055\040\103\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\012\173\161\266\202\126\270\022\174\234\250

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\053\060\202\001\261\240\003\002\001\002\002\012\173  
\161\266\202\126\270\022\174\234\250\060\012\006\010\052\206\110  
\316\075\004\003\003\060\132\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\023\060\021\006\003\125\004\013\023\012\145  
\155\123\151\147\156\040\120\113\111\061\024\060\022\006\003\125

\004\012\023\013\145\115\165\144\150\162\141\040\111\156\143\061  
\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147\156  
\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040\103  
\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060  
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060  
\132\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147  
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013  
\145\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006  
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103  
\040\122\157\157\164\040\103\101\040\055\040\103\063\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\375\245\141\256\173\046\020\035\351\267\042  
\060\256\006\364\201\263\261\102\161\225\071\274\323\122\343\257  
\257\371\362\227\065\222\066\106\016\207\225\215\271\071\132\351  
\273\337\320\376\310\007\101\074\273\125\157\203\243\152\373\142  
\260\201\211\002\160\175\110\305\112\343\351\042\124\042\115\223  
\273\102\014\257\167\234\043\246\175\327\141\021\316\145\307\370  
\177\376\365\362\251\243\102\060\100\060\035\006\003\125\035\016  
\004\026\004\024\373\132\110\320\200\040\100\362\250\351\000\007  
\151\031\167\247\346\303\364\317\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\012\006\010\052\206\110  
\316\075\004\003\003\003\150\000\060\145\002\061\000\264\330\057  
\002\211\375\266\114\142\272\103\116\023\204\162\265\256\335\034  
\336\326\265\334\126\217\130\100\132\055\336\040\114\042\203\312  
\223\250\176\356\022\100\307\326\207\117\370\337\205\002\060\034  
\024\144\344\174\226\203\021\234\260\321\132\141\113\246\017\111  
\323\000\374\241\374\344\245\377\177\255\327\060\320\307\167\177  
\276\201\007\125\060\120\040\024\365\127\070\012\250\061\121

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "emSign ECC Root CA - C3"

# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US

# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8

# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3

# Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\266\257\103\302\233\201\123\175\366\357\153\303\037\037\140\025
\014\356\110\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\123\263\243\201\356\327\020\370\323\260\035\027\222\365\325
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\173\161\266\202\126\270\022\174\234\250
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hongkong Post Root CA 3"
#
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157

```

```
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\317\060\202\003\267\240\003\002\001\002\002\024\010
\026\137\212\114\245\354\000\311\223\100\337\304\306\256\043\270
\034\132\244\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\157\061\013\060\011\006\003\125\004\006\023\002\110
\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156\147
\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023\011
\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003\125
\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163
\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147
\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103
\101\040\063\060\036\027\015\061\067\060\066\060\063\060\062\062
\071\064\066\132\027\015\064\062\060\066\060\063\060\062\062\071
\064\066\132\060\157\061\013\060\011\006\003\125\004\006\023\002
\110\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156
\147\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023
\011\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003
\125\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157
\163\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156
\147\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040
\103\101\040\063\060\202\002\042\060\015\006\011\052\206\110\206
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012
\002\202\002\001\000\263\210\327\352\316\017\040\116\276\346\326
\003\155\356\131\374\302\127\337\051\150\241\203\016\076\150\307
\150\130\234\034\140\113\211\103\014\271\324\025\262\356\301\116
\165\351\265\247\357\345\351\065\231\344\314\034\347\113\137\215
\063\060\040\063\123\331\246\273\325\076\023\216\351\037\207\111
\255\120\055\120\312\030\276\001\130\242\023\160\226\273\211\210
\126\200\134\370\275\054\074\341\114\127\210\273\323\271\225\357
\313\307\366\332\061\164\050\246\346\124\211\365\101\061\312\345
```



\046\032\315\202\340\160\332\073\051\273\325\003\365\231\272\125  
\365\144\321\140\016\263\211\111\270\212\057\005\322\204\105\050  
\174\217\150\120\022\170\374\013\265\123\313\302\230\034\204\243  
\236\260\276\043\244\332\334\310\053\036\332\156\105\036\211\230  
\332\371\000\056\006\351\014\073\160\325\120\045\210\231\313\315  
\163\140\367\325\377\065\147\305\241\274\136\253\315\112\270\105  
\353\310\150\036\015\015\024\106\022\343\322\144\142\212\102\230  
\274\264\306\010\010\370\375\250\114\144\234\166\001\275\057\251  
\154\063\017\330\077\050\270\074\151\001\102\206\176\151\301\311  
\006\312\345\172\106\145\351\302\326\120\101\056\077\267\344\355  
\154\327\277\046\001\021\242\026\051\112\153\064\006\220\354\023  
\322\266\373\152\166\322\074\355\360\326\055\335\341\025\354\243  
\233\057\054\311\076\053\344\151\073\377\162\045\261\066\206\133  
\307\177\153\213\125\033\112\305\040\141\075\256\313\120\341\010  
\072\276\260\217\143\101\123\060\010\131\074\230\035\167\272\143  
\221\172\312\020\120\140\277\360\327\274\225\207\217\227\305\376  
\227\152\001\224\243\174\133\205\035\052\071\072\320\124\241\321  
\071\161\235\375\041\371\265\173\360\342\340\002\217\156\226\044  
\045\054\240\036\054\250\304\211\247\357\355\231\006\057\266\012  
\114\117\333\242\314\067\032\257\107\205\055\212\137\304\064\064  
\114\000\375\030\223\147\023\321\067\346\110\264\213\006\305\127  
\173\031\206\012\171\313\000\311\122\257\102\377\067\217\341\243  
\036\172\075\120\253\143\006\347\025\265\077\266\105\067\224\067  
\261\176\362\110\303\177\305\165\376\227\215\105\217\032\247\032  
\162\050\032\100\017\002\003\001\000\001\243\143\060\141\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\037\006\003\125\035\043\004\030\060\026\200\024\027\235\315\036  
\213\326\071\053\160\323\134\324\240\270\037\260\000\374\305\141  
\060\035\006\003\125\035\016\004\026\004\024\027\235\315\036\213  
\326\071\053\160\323\134\324\240\270\037\260\000\374\305\141\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\002\001\000\126\325\173\156\346\042\001\322\102\233\030\325\016  
\327\146\043\134\343\376\240\307\222\322\351\224\255\113\242\306  
\354\022\174\164\325\110\322\131\024\231\300\353\271\321\353\364  
\110\060\133\255\247\127\163\231\251\323\345\267\321\056\131\044  
\130\334\150\056\056\142\330\152\344\160\013\055\040\120\040\244  
\062\225\321\000\230\273\323\375\367\062\362\111\256\306\172\340  
\107\276\156\316\313\243\162\072\055\151\135\313\310\350\105\071  
\324\372\102\301\021\114\167\135\222\373\152\377\130\104\345\353  
\201\236\257\240\231\255\276\251\001\146\313\070\035\074\337\103  
\037\364\115\156\264\272\027\106\374\175\375\207\201\171\152\015  
\063\017\372\057\370\024\271\200\263\135\115\252\227\341\371\344  
\030\305\370\325\070\214\046\074\375\362\050\342\356\132\111\210  
\054\337\171\075\216\236\220\074\275\101\112\072\335\133\366\232  
\264\316\077\045\060\177\062\175\242\003\224\320\334\172\241\122  
\336\156\223\215\030\046\375\125\254\275\217\233\322\317\257\347  
\206\054\313\037\011\157\243\157\251\204\324\163\277\115\241\164

```
\033\116\043\140\362\314\016\252\177\244\234\114\045\250\262\146
\073\070\377\331\224\060\366\162\204\276\150\125\020\017\306\163
\054\026\151\223\007\376\261\105\355\273\242\125\152\260\332\265
\112\002\045\047\205\327\267\267\206\104\026\211\154\200\053\076
\227\251\234\325\176\125\114\306\336\105\020\034\352\351\073\237
\003\123\356\356\172\001\002\026\170\324\350\302\276\106\166\210
\023\077\042\273\110\022\035\122\000\264\002\176\041\032\036\234
\045\364\363\075\136\036\322\034\371\263\055\266\367\067\134\306
\313\041\116\260\367\231\107\030\205\301\053\272\125\256\006\352
\320\007\262\334\253\320\202\226\165\316\322\120\376\231\347\317
\057\237\347\166\321\141\052\373\041\273\061\320\252\237\107\244
\262\042\312\026\072\120\127\304\133\103\147\305\145\142\003\111
\001\353\103\331\330\370\236\255\317\261\143\016\105\364\240\132
\054\233\055\305\246\300\255\250\107\364\047\114\070\015\056\033
\111\073\122\364\350\210\203\053\124\050\324\362\065\122\264\062
\203\142\151\144\014\221\234\237\227\352\164\026\375\037\021\006
\232\233\364
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Hongkong Post Root CA 3"
```

```
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
```

```
# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4
```

```
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
```

```
# Not Valid Before: Sat Jun 03 02:29:46 2017
```

```
# Not Valid After : Tue Jun 03 02:29:46 2042
```

```
# Fingerprint (SHA-256):
```

```
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
```

```
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\130\242\320\354\040\122\201\133\301\363\370\144\002\044\116\302
\216\002\113\002
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\021\374\237\275\163\060\002\212\375\077\363\130\271\313\040\360
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
```

```
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Entrust Root Certification Authority - G4"

#

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58

# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Wed May 27 11:11:16 2015

# Not Valid After : Sun Dec 27 11:41:16 2037

# Fingerprint (SHA-256):

DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88

# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125  
\145\255\130

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\113\060\202\004\063\240\003\002\001\002\002\021\000  
\331\265\103\177\257\251\071\017\000\000\000\000\125\145\255\130  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165\163  
\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013  
\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165\163  
\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162\155  
\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051\040  
\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111\156  
\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162\151  
\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060\060  
\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107\064  
\060\036\027\015\061\065\060\065\062\067\061\061\061\061\061\066  
\132\027\015\063\067\061\062\062\067\061\061\064\061\061\066\132  
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040

\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\064\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\261\354\054\102\356\342\321\060\377\245\222\107\342\055  
\303\272\144\227\155\312\367\015\265\131\301\263\313\250\150\031  
\330\257\204\155\060\160\135\176\363\056\322\123\231\341\376\037  
\136\331\110\257\135\023\215\333\377\143\063\115\323\000\002\274  
\304\370\321\006\010\224\171\130\212\025\336\051\263\375\375\304  
\117\350\252\342\240\073\171\315\277\153\103\062\335\331\164\020  
\271\367\364\150\324\273\320\207\325\252\113\212\052\157\052\004  
\265\262\246\307\240\172\346\110\253\322\321\131\314\326\176\043  
\346\227\154\360\102\345\334\121\113\025\101\355\111\112\311\336  
\020\227\326\166\301\357\245\265\066\024\227\065\330\170\042\065  
\122\357\103\275\333\047\333\141\126\202\064\334\313\210\140\014  
\013\132\345\054\001\306\124\257\327\252\301\020\173\322\005\132  
\270\100\236\206\247\303\220\206\002\126\122\011\172\234\322\047  
\202\123\112\145\122\152\365\074\347\250\362\234\257\213\275\323  
\016\324\324\136\156\207\236\152\075\105\035\321\135\033\364\351  
\012\254\140\231\373\211\264\377\230\054\317\174\035\351\002\252  
\004\232\036\270\334\210\156\045\263\154\146\367\074\220\363\127  
\301\263\057\365\155\362\373\312\241\370\051\235\106\213\263\152  
\366\346\147\007\276\054\147\012\052\037\132\262\076\127\304\323  
\041\041\143\145\122\221\033\261\231\216\171\176\346\353\215\000  
\331\132\252\352\163\350\244\202\002\107\226\376\133\216\124\141  
\243\353\057\113\060\260\213\043\165\162\174\041\074\310\366\361  
\164\324\034\173\243\005\125\356\273\115\073\062\276\232\167\146  
\236\254\151\220\042\007\037\141\072\226\276\345\232\117\314\005  
\074\050\131\323\301\014\124\250\131\141\275\310\162\114\350\334  
\237\207\177\275\234\110\066\136\225\243\016\271\070\044\125\374  
\165\146\353\002\343\010\064\051\112\306\343\053\057\063\240\332  
\243\206\245\022\227\375\200\053\332\024\102\343\222\275\076\362  
\135\136\147\164\056\034\210\107\051\064\137\342\062\250\234\045  
\067\214\272\230\000\227\213\111\226\036\375\045\212\254\334\332  
\330\135\164\156\146\260\377\104\337\241\030\306\276\110\057\067  
\224\170\370\225\112\077\177\023\136\135\131\375\164\206\103\143  
\163\111\002\003\001\000\001\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\237\070\304\126\043\303\071\350\240  
\161\154\350\124\114\344\350\072\261\277\147\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\022  
\345\102\246\173\213\017\014\344\106\245\266\140\100\207\214\045  
\176\255\270\150\056\133\306\100\166\074\003\370\311\131\364\363  
\253\142\316\020\215\264\132\144\214\150\300\260\162\103\064\322  
\033\013\366\054\123\322\312\220\113\206\146\374\252\203\042\364  
\213\032\157\046\110\254\166\167\010\277\305\230\134\364\046\211  
\236\173\303\271\144\062\001\177\323\303\335\130\155\354\261\253

\204\125\164\167\204\004\047\122\153\206\114\316\335\271\145\377  
\326\306\136\237\232\020\231\113\165\152\376\152\351\227\040\344  
\344\166\172\306\320\044\252\220\315\040\220\272\107\144\373\177  
\007\263\123\170\265\012\142\362\163\103\316\101\053\201\152\056  
\205\026\224\123\324\153\137\162\042\253\121\055\102\325\000\234  
\231\277\336\273\224\073\127\375\232\365\206\313\126\073\133\210  
\001\345\174\050\113\003\371\111\203\174\262\177\174\343\355\216  
\241\177\140\123\216\125\235\120\064\022\017\267\227\173\154\207  
\112\104\347\365\155\354\200\067\360\130\031\156\112\150\166\360  
\037\222\344\352\265\222\323\141\121\020\013\255\247\331\137\307  
\137\334\037\243\134\214\241\176\233\267\236\323\126\157\146\136  
\007\226\040\355\013\164\373\146\116\213\021\025\351\201\111\176  
\157\260\324\120\177\042\327\137\145\002\015\246\364\205\036\330  
\256\006\113\112\247\322\061\146\302\370\316\345\010\246\244\002  
\226\104\150\127\304\325\063\317\031\057\024\304\224\034\173\244  
\331\360\237\016\261\200\342\321\236\021\144\251\210\021\072\166  
\202\345\142\302\200\330\244\203\355\223\357\174\057\220\260\062  
\114\226\025\150\110\122\324\231\010\300\044\350\034\343\263\245  
\041\016\222\300\220\037\317\040\137\312\073\070\307\267\155\072  
\363\346\104\270\016\061\153\210\216\160\353\234\027\122\250\101  
\224\056\207\266\347\246\022\305\165\337\133\300\012\156\173\244  
\344\136\206\371\066\224\337\167\303\351\015\300\071\361\171\273  
\106\216\253\103\131\047\267\040\273\043\351\126\100\041\354\061  
\075\145\252\103\362\075\337\160\104\341\272\115\046\020\073\230  
\237\363\310\216\033\070\126\041\152\121\223\323\221\312\106\332  
\211\267\075\123\203\054\010\037\213\217\123\335\377\254\037

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

# Trust for "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58

# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Wed May 27 11:11:16 2015

# Not Valid After : Sun Dec 27 11:41:16 2037

# Fingerprint (SHA-256):

DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88

# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\024\210\116\206\046\067\260\046\257\131\142\134\100\167\354\065  
\051\272\226\001

```

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\211\123\361\203\043\267\174\216\005\361\214\161\070\116\037\210
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125
\145\255\130
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Microsoft ECC Root Certificate Authority 2017"
#
# Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Serial Number:66:f2:3d:af:87:de:8b:b1:4a:ea:0c:57:31:01:c2:ec
# Subject: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid Before: Wed Dec 18 23:06:45 2019
# Not Valid After : Fri Jul 18 23:16:04 2042
# Fingerprint (SHA-256):
35:8D:F3:9D:76:4A:F9:E1:B7:66:E9:C9:72:DF:35:2E:E1:5C:FA:C2:27:AF:6A:D1:D7:0E:8E:4A:6E:DC:BA:02
# Fingerprint (SHA1): 99:9A:64:C3:7F:F4:7D:9F:AB:95:F1:47:69:89:14:60:EE:C4:C3:C5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC Root Certificate Authority 2017"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163

```

\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163  
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\040\062\060\061\067

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163  
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163  
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\040\062\060\061\067

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\146\362\075\257\207\336\213\261\112\352\014\127\061\001  
\302\354

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\131\060\202\001\337\240\003\002\001\002\002\020\146  
\362\075\257\207\336\213\261\112\352\014\127\061\001\302\354\060  
\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\036\060\034\006\003  
\125\004\012\023\025\115\151\143\162\157\163\157\146\164\040\103  
\157\162\160\157\162\141\164\151\157\156\061\066\060\064\006\003  
\125\004\003\023\055\115\151\143\162\157\163\157\146\164\040\105  
\103\103\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060  
\061\067\060\036\027\015\061\071\061\062\061\070\062\063\060\066  
\064\065\132\027\015\064\062\060\067\061\070\062\063\061\066\060  
\064\132\060\145\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162  
\157\163\157\146\164\040\103\157\162\160\157\162\141\164\151\157  
\156\061\066\060\064\006\003\125\004\003\023\055\115\151\143\162  
\157\163\157\146\164\040\105\103\103\040\122\157\157\164\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171\040\062\060\061\067\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\324\274\075\002\102\165\101\023\043\315\200\004\206\002\121  
\057\152\250\201\142\013\145\314\366\312\235\036\157\112\146\121  
\242\003\331\235\221\372\266\026\261\214\156\336\174\315\333\171  
\246\057\316\273\316\161\057\345\245\253\050\354\143\004\146\231  
\370\372\362\223\020\005\341\201\050\102\343\306\150\364\346\033  
\204\140\112\211\257\355\171\017\073\316\361\366\104\365\001\170  
\300\243\124\060\122\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004



```
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\310\313\231\162\160\122\014\370\346\276\262\004\127\051\052
\317\102\020\355\065\060\020\006\011\053\006\001\004\001\202\067
\025\001\004\003\002\001\000\060\012\006\010\052\206\110\316\075
\004\003\003\003\150\000\060\145\002\060\130\362\115\352\014\371
\137\136\356\140\051\313\072\362\333\326\062\204\031\077\174\325
\057\302\261\314\223\256\120\273\011\062\306\306\355\176\311\066
\224\022\344\150\205\006\242\033\320\057\002\061\000\231\351\026
\264\016\372\126\110\324\244\060\026\221\170\333\124\214\145\001
\212\347\120\146\302\061\267\071\272\270\032\042\007\116\374\153
\124\026\040\377\053\265\347\114\014\115\246\117\163
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Microsoft ECC Root Certificate Authority 2017"
# Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Serial Number:66:f2:3d:af:87:de:8b:b1:4a:ea:0c:57:31:01:c2:ec
# Subject: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid Before: Wed Dec 18 23:06:45 2019
# Not Valid After : Fri Jul 18 23:16:04 2042
# Fingerprint (SHA-256):
35:8D:F3:9D:76:4A:F9:E1:B7:66:E9:C9:72:DF:35:2E:E1:5C:FA:C2:27:AF:6A:D1:D7:0E:8E:4A:6E:DC:BA:02
# Fingerprint (SHA1): 99:9A:64:C3:7F:F4:7D:9F:AB:95:F1:47:69:89:14:60:EE:C4:C3:C5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC Root Certificate Authority 2017"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\231\232\144\303\177\364\175\237\253\225\361\107\151\211\024\140
\356\304\303\305
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\335\241\003\346\112\223\020\321\277\360\031\102\313\376\355\147
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\105\103\103\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\146\362\075\257\207\336\213\261\112\352\014\127\061\001
```

\302\354

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Microsoft RSA Root Certificate Authority 2017"

#

# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US

# Serial Number:1e:d3:97:09:5f:d8:b4:b3:47:70:1e:aa:be:7f:45:b3

# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US

# Not Valid Before: Wed Dec 18 22:51:22 2019

# Not Valid After : Fri Jul 18 23:00:23 2042

# Fingerprint (SHA-256):

C7:41:F7:0F:4B:2A:8D:88:BF:2E:71:C1:41:22:EF:53:EF:10:EB:A0:CF:A5:E6:4C:FA:20:F4:18:85:30:73:E0

# Fingerprint (SHA1): 73:A5:E6:4A:3B:FF:83:16:FF:0E:DC:CC:61:8A:90:6E:4E:AE:4D:74

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Microsoft RSA Root Certificate Authority 2017"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163  
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163  
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\040\062\060\061\067

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163  
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163  
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\040\062\060\061\067

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177  
\105\263

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\250\060\202\003\220\240\003\002\001\002\002\020\036  
\323\227\011\137\330\264\263\107\160\036\252\276\177\105\263\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\145  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036\060  
\034\006\003\125\004\012\023\025\115\151\143\162\157\163\157\146  
\164\040\103\157\162\160\157\162\141\164\151\157\156\061\066\060  
\064\006\003\125\004\003\023\055\115\151\143\162\157\163\157\146  
\164\040\122\123\101\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\062\060\061\067\060\036\027\015\061\071\061\062\061\070\062  
\062\065\061\062\062\132\027\015\064\062\060\067\061\070\062\063  
\060\060\062\063\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\036\060\034\006\003\125\004\012\023\025\115  
\151\143\162\157\163\157\146\164\040\103\157\162\160\157\162\141  
\164\151\157\156\061\066\060\064\006\003\125\004\003\023\055\115  
\151\143\162\157\163\157\146\164\040\122\123\101\040\122\157\157  
\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165  
\164\150\157\162\151\164\171\040\062\060\061\067\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\133\276  
\224\063\214\051\225\221\026\012\225\275\107\142\301\211\363\231  
\066\337\106\220\311\245\355\170\152\157\107\221\150\370\047\147  
\120\063\035\241\246\373\340\345\103\243\204\002\127\001\135\234  
\110\100\202\123\020\274\277\307\073\150\220\266\202\055\345\364  
\145\320\314\155\031\314\225\371\173\254\112\224\255\016\336\113  
\103\035\207\007\222\023\220\200\203\144\065\071\004\374\345\351  
\154\263\266\037\120\224\070\145\120\134\027\106\271\266\205\265  
\034\265\027\350\326\105\235\330\262\046\260\312\304\160\112\256  
\140\244\335\263\331\354\374\073\325\127\162\274\077\310\311\262  
\336\113\153\370\043\154\003\300\005\275\225\307\315\163\073\146  
\200\144\343\032\254\056\371\107\005\362\006\266\233\163\365\170  
\063\133\307\241\373\047\052\241\264\232\221\214\221\323\072\202  
\076\166\100\264\315\122\141\121\160\050\077\305\305\132\362\311  
\214\111\273\024\133\115\310\377\147\115\114\022\226\255\365\376  
\170\250\227\207\327\375\136\040\200\334\241\113\042\373\324\211  
\255\272\316\107\227\107\125\173\217\105\310\147\050\204\225\034  
\150\060\357\357\111\340\065\173\144\347\230\260\224\332\115\205  
\073\076\125\304\050\257\127\363\236\023\333\106\047\237\036\242  
\136\104\203\244\245\312\325\023\263\113\077\304\343\302\346\206  
\141\244\122\060\271\172\040\117\157\017\070\123\313\063\014\023  
\053\217\326\232\275\052\310\055\261\034\175\113\121\312\107\321  
\110\047\162\135\207\353\325\105\346\110\145\235\257\122\220\272  
\133\242\030\145\127\022\237\150\271\324\025\153\224\304\151\042  
\230\364\063\340\355\371\121\216\101\120\311\064\117\166\220\254  
\374\070\301\330\341\173\271\343\343\224\341\106\151\313\016\012  
\120\153\023\272\254\017\067\132\267\022\265\220\201\036\126\256  
\127\042\206\331\311\322\321\327\121\343\253\073\306\125\375\036  
\016\323\164\012\321\332\252\352\151\270\227\050\217\110\304\007

\370\122\103\072\364\312\125\065\054\260\246\152\300\234\371\362  
\201\341\022\152\300\105\331\147\263\316\377\043\242\211\012\124  
\324\024\271\052\250\327\354\371\253\315\045\130\062\171\217\220  
\133\230\071\304\010\006\301\254\177\016\075\000\245\002\003\001  
\000\001\243\124\060\122\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\011\313\131\177\206\262\160\217\032\303\071\343\300\331  
\351\277\273\115\262\043\060\020\006\011\053\006\001\004\001\202  
\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110\206  
\367\015\001\001\014\005\000\003\202\002\001\000\254\257\076\135  
\302\021\226\211\216\243\347\222\326\227\025\270\023\242\246\102  
\056\002\315\026\005\131\047\312\040\350\272\270\350\032\354\115  
\250\227\126\256\145\103\261\217\000\233\122\315\125\315\123\071  
\155\142\114\213\015\133\174\056\104\277\203\020\217\363\123\202  
\200\303\117\072\307\156\021\077\346\343\026\221\204\373\155\204  
\177\064\164\255\211\247\316\271\327\327\237\204\144\222\276\225  
\241\255\011\123\063\335\356\012\352\112\121\216\157\125\253\272  
\265\224\106\256\214\177\330\242\120\045\145\140\200\106\333\063  
\004\256\154\265\230\164\124\045\334\223\344\370\343\125\025\075  
\270\155\303\012\244\022\301\151\205\156\337\144\361\123\231\341  
\112\165\040\235\225\017\344\326\334\003\361\131\030\350\107\211  
\262\127\132\224\266\251\330\027\053\027\111\345\166\313\301\126  
\231\072\067\261\377\151\054\221\221\223\341\337\114\243\067\166  
\115\241\237\370\155\036\035\323\372\354\373\364\105\035\023\155  
\317\367\131\345\042\047\162\053\206\363\127\273\060\355\044\115  
\334\175\126\273\243\263\370\064\171\211\301\340\362\002\141\367  
\246\374\017\273\034\027\013\256\101\331\174\275\047\243\375\056  
\072\321\223\224\261\163\035\044\213\257\133\040\211\255\267\147  
\146\171\365\072\306\246\226\063\376\123\222\310\106\261\021\221  
\306\231\177\217\311\326\146\061\040\101\020\207\055\014\326\301  
\257\064\230\312\144\203\373\023\127\321\301\360\074\172\214\245  
\301\375\225\041\240\161\301\223\147\161\022\352\217\210\012\151  
\031\144\231\043\126\373\254\052\056\160\276\146\304\014\204\357  
\345\213\363\223\001\370\152\220\223\147\113\262\150\243\265\142  
\217\351\077\214\172\073\136\017\347\214\270\306\174\357\067\375  
\164\342\310\117\063\162\341\224\071\155\275\022\257\276\014\116  
\160\174\033\157\215\263\062\223\163\104\026\155\350\364\367\340  
\225\200\217\226\135\070\244\364\253\336\012\060\207\223\330\115  
\000\161\142\105\047\113\072\102\204\133\177\145\267\147\064\122  
\055\234\026\153\252\250\330\173\243\102\114\161\307\014\312\076  
\203\344\246\357\267\001\060\136\121\243\171\365\160\151\246\101  
\104\017\206\260\054\221\306\075\352\256\017\204

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "Microsoft RSA Root Certificate Authority 2017"
# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Serial Number:1e:d3:97:09:5f:d8:b4:b3:47:70:1e:aa:be:7f:45:b3
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid Before: Wed Dec 18 22:51:22 2019
# Not Valid After : Fri Jul 18 23:00:23 2042
# Fingerprint (SHA-256):
C7:41:F7:0F:4B:2A:8D:88:BF:2E:71:C1:41:22:EF:53:EF:10:EB:A0:CF:A5:E6:4C:FA:20:F4:18:85:30:73:E0
# Fingerprint (SHA1): 73:A5:E6:4A:3B:FF:83:16:FF:0E:DC:CC:61:8A:90:6E:4E:AE:4D:74
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft RSA Root Certificate Authority 2017"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\163\245\346\112\073\377\203\026\377\016\334\314\141\212\220\156
\116\256\115\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\020\377\000\377\317\311\370\307\172\300\356\065\216\311\017\107
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\103\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177
\105\263
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "e-Szigno Root CA 2017"
#
# Issuer: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:01:54:48:ef:21:fd:97:59:0d:f5:04:0a
# Subject: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Aug 22 12:07:06 2017
# Not Valid After : Fri Aug 22 12:07:06 2042
# Fingerprint (SHA-256):

```

BE:B0:0B:30:83:9B:9B:C3:2C:32:E4:44:79:05:95:06:41:F2:64:21:B1:5E:D0:89:19:8B:51:8A:E2:EA:1B:99

# Fingerprint (SHA1): 89:D4:83:03:4F:9E:9A:48:80:5F:72:37:D4:A9:A6:EF:CB:7C:1F:D1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "e-Szigno Root CA 2017"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061  
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145  
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143  
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003  
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064  
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055  
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062  
\060\061\067

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061  
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145  
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143  
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003  
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064  
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055  
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062  
\060\061\067

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\014\001\124\110\357\041\375\227\131\015\365\004\012

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\100\060\202\001\345\240\003\002\001\002\002\014\001  
\124\110\357\041\375\227\131\015\365\004\012\060\012\006\010\052  
\206\110\316\075\004\003\002\060\161\061\013\060\011\006\003\125  
\004\006\023\002\110\125\061\021\060\017\006\003\125\004\007\014  
\010\102\165\144\141\160\145\163\164\061\026\060\024\006\003\125  
\004\012\014\015\115\151\143\162\157\163\145\143\040\114\164\144  
\056\061\027\060\025\006\003\125\004\141\014\016\126\101\124\110  
\125\055\062\063\065\070\064\064\071\067\061\036\060\034\006\003  
\125\004\003\014\025\145\055\123\172\151\147\156\157\040\122\157  
\157\164\040\103\101\040\062\060\061\067\060\036\027\015\061\067  
\060\070\062\062\061\062\060\067\060\066\132\027\015\064\062\060  
\070\062\062\061\062\060\067\060\066\132\060\161\061\013\060\011  
\006\003\125\004\006\023\002\110\125\061\021\060\017\006\003\125  
\004\007\014\010\102\165\144\141\160\145\163\164\061\026\060\024  
\006\003\125\004\012\014\015\115\151\143\162\157\163\145\143\040

```
\114\164\144\056\061\027\060\025\006\003\125\004\141\014\016\126
\101\124\110\125\055\062\063\065\070\064\064\071\067\061\036\060
\034\006\003\125\004\003\014\025\145\055\123\172\151\147\156\157
\040\122\157\157\164\040\103\101\040\062\060\061\067\060\131\060
\023\006\007\052\206\110\316\075\002\001\006\010\052\206\110\316
\075\003\001\007\003\102\000\004\226\334\075\212\330\260\173\157
\306\047\276\104\220\261\263\126\025\173\216\103\044\175\032\204
\131\356\143\150\262\306\136\207\320\025\110\036\250\220\255\275
\123\242\332\336\072\220\246\140\137\150\062\265\206\101\337\207
\133\054\173\305\376\174\172\332\243\143\060\141\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006
\003\125\035\016\004\026\004\024\207\021\025\010\321\252\301\170
\014\261\257\316\306\311\220\357\277\060\004\300\060\037\006\003
\125\035\043\004\030\060\026\200\024\207\021\025\010\321\252\301
\170\014\261\257\316\306\311\220\357\277\060\004\300\060\012\006
\010\052\206\110\316\075\004\003\002\003\111\000\060\106\002\041
\000\265\127\335\327\212\125\013\066\341\206\104\372\324\331\150
\215\270\334\043\212\212\015\324\057\175\352\163\354\277\115\154
\250\002\041\000\313\245\264\022\372\347\265\350\317\176\223\374
\363\065\217\157\116\132\174\264\274\116\262\374\162\252\133\131
\371\347\334\061
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "e-Szigno Root CA 2017"

# Issuer: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU

# Serial Number:01:54:48:ef:21:fd:97:59:0d:f5:04:0a

# Subject: CN=e-Szigno Root CA 2017,OID.2.5.4.97=VATHU-23584497,O=Microsec Ltd.,L=Budapest,C=HU

# Not Valid Before: Tue Aug 22 12:07:06 2017

# Not Valid After : Fri Aug 22 12:07:06 2042

# Fingerprint (SHA-256):

BE:B0:0B:30:83:9B:9B:C3:2C:32:E4:44:79:05:95:06:41:F2:64:21:B1:5E:D0:89:19:8B:51:8A:E2:EA:1B:99

# Fingerprint (SHA1): 89:D4:83:03:4F:9E:9A:48:80:5F:72:37:D4:A9:A6:EF:CB:7C:1F:D1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "e-Szigno Root CA 2017"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\211\324\203\003\117\236\232\110\200\137\162\067\324\251\246\357
```

```
\313\174\037\321
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\336\037\366\236\204\256\247\264\041\316\036\130\175\321\204\230
```

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\161\061\013\060\011\006\003\125\004\006\023\002\110\125\061  
\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145  
\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151\143  
\162\157\163\145\143\040\114\164\144\056\061\027\060\025\006\003  
\125\004\141\014\016\126\101\124\110\125\055\062\063\065\070\064  
\064\071\067\061\036\060\034\006\003\125\004\003\014\025\145\055  
\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040\062  
\060\061\067

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\014\001\124\110\357\041\375\227\131\015\365\004\012

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "certSIGN Root CA G2"

#

# Issuer: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO

# Serial Number:11:00:34:b6:4e:c6:36:2d:36

# Subject: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO

# Not Valid Before: Mon Feb 06 09:27:35 2017

# Not Valid After : Thu Feb 06 09:27:35 2042

# Fingerprint (SHA-256):

65:7C:FE:2F:A7:3F:AA:38:46:25:71:F3:32:A2:36:3A:46:FC:E7:02:09:51:71:07:02:CD:FB:B6:EE:DA:33:05

# Fingerprint (SHA1): 26:F9:93:B4:ED:3D:28:27:B0:B9:4B:A7:E9:15:1D:A3:8D:92:E5:32

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "certSIGN Root CA G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061  
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111  
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023  
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101  
\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061  
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111  
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023  
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101



\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\021\000\064\266\116\306\066\055\066

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\107\060\202\003\057\240\003\002\001\002\002\011\021  
\000\064\266\116\306\066\055\066\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\101\061\013\060\011\006\003\125  
\004\006\023\002\122\117\061\024\060\022\006\003\125\004\012\023  
\013\103\105\122\124\123\111\107\116\040\123\101\061\034\060\032  
\006\003\125\004\013\023\023\143\145\162\164\123\111\107\116\040  
\122\117\117\124\040\103\101\040\107\062\060\036\027\015\061\067  
\060\062\060\066\060\071\062\067\063\065\132\027\015\064\062\060  
\062\060\066\060\071\062\067\063\065\132\060\101\061\013\060\011  
\006\003\125\004\006\023\002\122\117\061\024\060\022\006\003\125  
\004\012\023\013\103\105\122\124\123\111\107\116\040\123\101\061  
\034\060\032\006\003\125\004\013\023\023\143\145\162\164\123\111  
\107\116\040\122\117\117\124\040\103\101\040\107\062\060\202\002  
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\300\305  
\165\031\221\175\104\164\164\207\376\016\073\226\334\330\001\026  
\314\356\143\221\347\013\157\316\073\012\151\032\174\302\343\257  
\202\216\206\327\136\217\127\353\323\041\131\375\071\067\102\060  
\276\120\352\266\017\251\210\330\056\055\151\041\347\321\067\030  
\116\175\221\325\026\137\153\133\000\302\071\103\015\066\205\122  
\271\123\145\017\035\102\345\217\317\005\323\356\334\014\032\331  
\270\213\170\042\147\344\151\260\150\305\074\344\154\132\106\347  
\315\307\372\357\304\354\113\275\152\244\254\375\314\050\121\357  
\222\264\051\253\253\065\232\114\344\304\010\306\046\314\370\151  
\237\344\234\360\051\323\134\371\306\026\045\236\043\303\040\301  
\075\017\077\070\100\260\376\202\104\070\252\132\032\212\153\143  
\130\070\264\025\323\266\021\151\173\036\124\356\214\032\042\254  
\162\227\077\043\131\233\311\042\204\301\007\117\314\177\342\127  
\312\022\160\273\246\145\363\151\165\143\275\225\373\033\227\315  
\344\250\257\366\321\116\250\331\212\161\044\315\066\075\274\226  
\304\361\154\251\256\345\317\015\156\050\015\260\016\265\312\121  
\173\170\024\303\040\057\177\373\024\125\341\021\231\375\325\012  
\241\236\002\343\142\137\353\065\113\054\270\162\350\076\075\117  
\254\054\273\056\206\342\243\166\217\345\223\052\317\245\253\310  
\134\215\113\006\377\022\106\254\170\313\024\007\065\340\251\337  
\213\351\257\025\117\026\211\133\275\366\215\306\131\256\210\205  
\016\301\211\353\037\147\305\105\216\377\155\067\066\053\170\146  
\203\221\121\053\075\377\121\167\166\142\241\354\147\076\076\201  
\203\340\126\251\120\037\037\172\231\253\143\277\204\027\167\361  
\015\073\337\367\234\141\263\065\230\212\072\262\354\074\032\067  
\077\176\217\222\317\331\022\024\144\332\020\002\025\101\377\117  
\304\353\034\243\311\372\231\367\106\351\341\030\331\261\270\062

\055\313\024\014\120\330\203\145\203\356\271\134\317\313\005\132  
\114\372\031\227\153\326\135\023\323\302\134\124\274\062\163\240  
\170\365\361\155\036\313\237\245\246\237\042\334\321\121\236\202  
\171\144\140\051\023\076\243\375\117\162\152\253\342\324\345\270  
\044\125\054\104\113\212\210\104\234\312\204\323\052\073\002\003  
\001\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\035\006\003\125\035\016\004  
\026\004\024\202\041\055\146\306\327\240\340\025\353\316\114\011  
\167\304\140\236\124\156\003\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\002\001\000\140\336\032\270\347  
\362\140\202\325\003\063\201\313\006\212\361\042\111\351\350\352  
\221\177\306\063\136\150\031\003\206\073\103\001\317\007\160\344  
\010\036\145\205\221\346\021\042\267\365\002\043\216\256\271\036  
\175\037\176\154\346\275\045\325\225\032\362\005\246\257\205\002  
\157\256\370\326\061\377\045\311\112\310\307\212\251\331\237\113  
\111\233\021\127\231\222\103\021\336\266\063\244\314\327\215\144  
\175\324\315\074\050\054\264\232\226\352\115\365\304\104\304\045  
\252\040\200\330\051\125\367\340\101\374\006\046\377\271\066\365  
\103\024\003\146\170\341\021\261\332\040\137\106\000\170\000\041  
\245\036\000\050\141\170\157\250\001\001\217\235\064\232\377\364  
\070\220\373\270\321\263\162\006\311\161\346\201\305\171\355\013  
\246\171\362\023\013\234\367\135\016\173\044\223\264\110\333\206  
\137\336\120\206\170\347\100\346\061\250\220\166\160\141\257\234  
\067\054\021\265\202\267\252\256\044\064\133\162\014\151\015\315  
\131\237\366\161\257\234\013\321\012\070\371\006\042\203\123\045  
\014\374\121\304\346\276\342\071\225\013\044\255\257\321\225\344  
\226\327\164\144\153\161\116\002\074\252\205\363\040\243\103\071  
\166\133\154\120\376\232\234\024\036\145\024\212\025\275\243\202  
\105\132\111\126\152\322\234\261\143\062\345\141\340\123\042\016  
\247\012\111\352\313\176\037\250\342\142\200\366\020\105\122\230  
\006\030\336\245\315\057\177\252\324\351\076\010\162\354\043\003  
\002\074\246\252\330\274\147\164\075\024\027\373\124\113\027\343  
\323\171\075\155\153\111\311\050\016\056\164\120\277\014\331\106  
\072\020\206\311\247\077\351\240\354\177\353\245\167\130\151\161  
\346\203\012\067\362\206\111\152\276\171\010\220\366\002\026\144  
\076\345\332\114\176\014\064\311\371\137\266\263\050\121\247\247  
\053\252\111\372\215\145\051\116\343\153\023\247\224\243\055\121  
\155\170\014\104\313\337\336\010\157\316\243\144\253\323\225\204  
\324\271\122\124\162\173\226\045\314\274\151\343\110\156\015\320  
\307\235\047\232\252\370\023\222\335\036\337\143\237\065\251\026  
\066\354\214\270\203\364\075\211\217\315\264\027\136\327\263\027  
\101\020\135\047\163\140\205\127\111\042\007

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "certSIGN Root CA G2"
# Issuer: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Serial Number:11:00:34:b6:4e:c6:36:2d:36
# Subject: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Not Valid Before: Mon Feb 06 09:27:35 2017
# Not Valid After : Thu Feb 06 09:27:35 2042
# Fingerprint (SHA-256):
65:7C:FE:2F:A7:3F:AA:38:46:25:71:F3:32:A2:36:3A:46:FC:E7:02:09:51:71:07:02:CD:FB:B6:EE:DA:33:05
# Fingerprint (SHA1): 26:F9:93:B4:ED:3D:28:27:B0:B9:4B:A7:E9:15:1D:A3:8D:92:E5:32
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN Root CA G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\046\371\223\264\355\075\050\047\260\271\113\247\351\025\035\243
\215\222\345\062
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\214\361\165\212\306\031\317\224\267\367\145\040\207\303\227\307
END
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111
\107\116\040\123\101\061\034\060\032\006\003\125\004\013\023\023
\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103\101
\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\021\000\064\266\116\306\066\055\066
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Trustwave Global Certification Authority"
#
# Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:05:f7:0e:86:da:49:f3:46:35:2e:ba:b2
# Subject: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:34:12 2017
# Not Valid After : Sat Aug 23 19:34:12 2042
# Fingerprint (SHA-256):
97:55:20:15:F5:DD:FC:3C:87:88:C0:06:94:45:55:40:88:94:45:00:84:F1:00:86:70:86:BC:1A:2B:B5:8D:C8

```

# Fingerprint (SHA1): 2F:8F:36:4F:E1:58:97:44:21:59:87:A5:2A:9A:D0:69:95:26:7F:B5

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

CKA\_ID UTF8 "0"

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\005\367\016\206\332\111\363\106\065\056\272\262
```

END

```
CKA_VALUE MULTILINE_OCTAL
\060\202\005\332\060\202\003\302\240\003\002\001\002\002\014\005
\367\016\206\332\111\363\106\065\056\272\262\060\015\006\011\052
\206\110\206\367\015\001\001\013\005\000\060\201\210\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006\003
\125\004\010\014\010\111\154\154\151\156\157\151\163\061\020\060
\016\006\003\125\004\007\014\007\103\150\151\143\141\147\157\061
\041\060\037\006\003\125\004\012\014\030\124\162\165\163\164\167
\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\003\014\050\124\162\165
\163\164\167\141\166\145\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\060\036\027\015\061\067\060\070\062\063\061
\071\063\064\061\062\132\027\015\064\062\060\070\062\063\061\071
\063\064\061\062\132\060\201\210\061\013\060\011\006\003\125\004
```

\006\023\002\125\123\061\021\060\017\006\003\125\004\010\014\010  
\111\154\154\151\156\157\151\163\061\020\060\016\006\003\125\004  
\007\014\007\103\150\151\143\141\147\157\061\041\060\037\006\003  
\125\004\012\014\030\124\162\165\163\164\167\141\166\145\040\110  
\157\154\144\151\156\147\163\054\040\111\156\143\056\061\061\060  
\057\006\003\125\004\003\014\050\124\162\165\163\164\167\141\166  
\145\040\107\154\157\142\141\154\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\271\135\121\050\113\074\067\222\321\202\316\275\035\275\315  
\335\270\253\317\012\076\341\135\345\334\252\011\271\127\002\076  
\346\143\141\337\362\017\202\143\256\243\367\254\163\321\174\347  
\263\013\257\010\000\011\131\177\315\051\052\210\223\207\027\030  
\200\355\210\262\264\266\020\037\055\326\137\125\242\023\135\321  
\306\353\006\126\211\210\376\254\062\235\375\134\303\005\307\156  
\356\206\211\272\210\003\235\162\041\206\220\256\217\003\245\334  
\237\210\050\313\243\222\111\017\354\320\017\342\155\104\117\200  
\152\262\324\347\240\012\123\001\272\216\227\221\166\156\274\374  
\325\153\066\346\100\210\326\173\057\137\005\350\054\155\021\363  
\347\262\276\222\104\114\322\227\244\376\322\162\201\103\007\234  
\351\021\076\365\213\032\131\175\037\150\130\335\004\000\054\226  
\363\103\263\176\230\031\164\331\234\163\331\030\276\101\307\064  
\171\331\364\142\302\103\271\263\047\260\042\313\371\075\122\307  
\060\107\263\311\076\270\152\342\347\350\201\160\136\102\213\117  
\046\245\376\072\302\040\156\273\370\026\216\315\014\251\264\033  
\154\166\020\341\130\171\106\076\124\316\200\250\127\011\067\051  
\033\231\023\217\014\310\326\054\034\373\005\350\010\225\075\145  
\106\334\356\315\151\342\115\217\207\050\116\064\013\076\317\024  
\331\273\335\266\120\232\255\167\324\031\326\332\032\210\310\116  
\033\047\165\330\262\010\361\256\203\060\271\021\016\315\207\360  
\204\215\025\162\174\241\357\314\362\210\141\272\364\151\273\014  
\214\013\165\127\004\270\116\052\024\056\075\017\034\036\062\246  
\142\066\356\146\342\042\270\005\100\143\020\042\363\063\035\164  
\162\212\054\365\071\051\240\323\347\033\200\204\055\305\075\343  
\115\261\375\032\157\272\145\007\073\130\354\102\105\046\373\330  
\332\045\162\304\366\000\261\042\171\275\343\174\131\142\112\234  
\005\157\075\316\346\326\107\143\231\306\044\157\162\022\310\254  
\177\220\264\013\221\160\350\267\346\026\020\161\027\316\336\006  
\117\110\101\175\065\112\243\211\362\311\113\173\101\021\155\147  
\267\010\230\114\345\021\031\256\102\200\334\373\220\005\324\370  
\120\312\276\344\255\307\302\224\327\026\235\346\027\217\257\066  
\373\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\231\340\031\147\015\142\333\166\263\332  
\075\270\133\350\375\102\322\061\016\207\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\230\163

\160\342\260\323\355\071\354\114\140\331\251\022\206\027\036\226  
\320\350\124\050\073\144\055\041\246\370\235\126\023\152\110\075  
\117\307\076\051\333\155\130\203\124\075\207\175\043\005\324\344  
\034\334\350\070\145\206\305\165\247\132\333\065\005\275\167\336  
\273\051\067\100\005\007\303\224\122\237\312\144\335\361\033\053  
\334\106\012\020\002\061\375\112\150\015\007\144\220\346\036\365  
\052\241\250\273\074\135\371\243\010\013\021\014\361\077\055\020  
\224\157\376\342\064\207\203\326\317\345\033\065\155\322\003\341  
\260\015\250\240\252\106\047\202\066\247\025\266\010\246\102\124  
\127\266\231\132\342\013\171\220\327\127\022\121\065\031\210\101  
\150\045\324\067\027\204\025\373\001\162\334\225\336\122\046\040  
\230\046\342\166\365\047\157\372\000\073\112\141\331\015\313\121  
\223\052\375\026\006\226\247\043\232\043\110\376\121\275\266\304  
\260\261\124\316\336\154\101\255\026\147\176\333\375\070\315\271  
\070\116\262\301\140\313\235\027\337\130\236\172\142\262\046\217  
\164\225\233\344\133\035\322\017\335\230\034\233\131\271\043\323  
\061\240\246\377\070\335\317\040\117\351\130\126\072\147\303\321  
\366\231\231\235\272\066\266\200\057\210\107\117\206\277\104\072  
\200\344\067\034\246\272\352\227\230\021\320\204\142\107\144\036  
\252\356\100\277\064\261\234\217\116\341\362\222\117\037\216\363  
\236\227\336\363\246\171\152\211\161\117\113\047\027\110\376\354  
\364\120\017\117\111\175\314\105\343\275\172\100\305\101\334\141  
\126\047\006\151\345\162\101\201\323\266\001\211\240\057\072\162  
\171\376\072\060\277\101\354\307\142\076\221\113\307\331\061\166  
\102\371\367\074\143\354\046\214\163\014\175\032\035\352\250\174  
\207\250\302\047\174\341\063\101\017\317\317\374\000\240\042\200  
\236\112\247\157\000\260\101\105\267\042\312\150\110\305\102\242  
\256\335\035\362\340\156\116\005\130\261\300\220\026\052\244\075  
\020\100\276\217\142\143\203\251\234\202\175\055\002\351\203\060  
\174\313\047\311\375\036\146\000\260\056\323\041\057\216\063\026  
\154\230\355\020\250\007\326\314\223\317\333\321\151\034\344\312  
\311\340\266\234\351\316\161\161\336\154\077\026\244\171

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Trustwave Global Certification Authority"

# Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US

# Serial Number:05:f7:0e:86:da:49:f3:46:35:2e:ba:b2

# Subject: CN=Trustwave Global Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US

# Not Valid Before: Wed Aug 23 19:34:12 2017

# Not Valid After : Sat Aug 23 19:34:12 2042

# Fingerprint (SHA-256):

97:55:20:15:F5:DD:FC:3C:87:88:C0:06:94:45:55:40:88:94:45:00:84:F1:00:86:70:86:BC:1A:2B:B5:8D:C8

# Fingerprint (SHA1): 2F:8F:36:4F:E1:58:97:44:21:59:87:A5:2A:9A:D0:69:95:26:7F:B5

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\057\217\066\117\341\130\227\104\041\131\207\245\052\232\320\151
\225\046\177\265
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\034\030\055\057\272\137\155\241\154\274\307\253\221\307\016
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\005\367\016\206\332\111\363\106\065\056\272\262
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Trustwave Global ECC P256 Certification Authority"
#
# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d
# Subject: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:35:10 2017
# Not Valid After : Sat Aug 23 19:35:10 2042
# Fingerprint (SHA-256):
94:5B:BC:82:5E:A5:54:F4:89:D1:FD:51:A7:3D:DF:2E:A6:24:AC:70:19:A0:52:05:22:5C:22:A7:8C:CF:A8:B4
# Fingerprint (SHA1): B4:90:82:DD:45:0C:BE:8B:5B:B1:66:D3:E2:A4:08:26:CD:ED:42:CF
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

CKA\_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156  
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150  
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030  
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156  
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004  
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157  
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156  
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150  
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030  
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156  
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004  
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157  
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\014\015\152\137\010\077\050\134\076\121\225\337\135

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\140\060\202\002\007\240\003\002\001\002\002\014\015  
\152\137\010\077\050\134\076\121\225\337\135\060\012\006\010\052  
\206\110\316\075\004\003\002\060\201\221\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\021\060\017\006\003\125\004\010  
\023\010\111\154\154\151\156\157\151\163\061\020\060\016\006\003  
\125\004\007\023\007\103\150\151\143\141\147\157\061\041\060\037  
\006\003\125\004\012\023\030\124\162\165\163\164\167\141\166\145  
\040\110\157\154\144\151\156\147\163\054\040\111\156\143\056\061  
\072\060\070\006\003\125\004\003\023\061\124\162\165\163\164\167  
\141\166\145\040\107\154\157\142\141\154\040\105\103\103\040\120  
\062\065\066\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061  
\067\060\070\062\063\061\071\063\065\061\060\132\027\015\064\062  
\060\070\062\063\061\071\063\065\061\060\132\060\201\221\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006  
\003\125\004\010\023\010\111\154\154\151\156\157\151\163\061\020  
\060\016\006\003\125\004\007\023\007\103\150\151\143\141\147\157



```
\061\041\060\037\006\003\125\004\012\023\030\124\162\165\163\164
\167\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111
\156\143\056\061\072\060\070\006\003\125\004\003\023\061\124\162
\165\163\164\167\141\166\145\040\107\154\157\142\141\154\040\105
\103\103\040\120\062\065\066\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060
\131\060\023\006\007\052\206\110\316\075\002\001\006\010\052\206
\110\316\075\003\001\007\003\102\000\004\176\373\154\346\043\343
\163\062\010\312\140\346\123\234\272\164\215\030\260\170\220\122
\200\335\070\300\112\035\321\250\314\223\244\227\006\070\312\015
\025\142\306\216\001\052\145\235\252\337\064\221\056\201\301\344
\063\222\061\304\375\011\072\246\077\255\243\103\060\101\060\017
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060
\017\006\003\125\035\017\001\001\377\004\005\003\003\007\006\000
\060\035\006\003\125\035\016\004\026\004\024\243\101\006\254\220
\155\321\112\353\165\245\112\020\231\263\261\241\213\112\367\060
\012\006\010\052\206\110\316\075\004\003\002\003\107\000\060\104
\002\040\007\346\124\332\016\240\132\262\256\021\237\207\305\266
\377\151\336\045\276\370\240\267\010\363\104\316\052\337\010\041
\014\067\002\040\055\046\003\240\005\275\153\321\366\134\370\145
\314\206\155\263\234\064\110\143\204\011\305\215\167\032\342\314
\234\341\164\173
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Trustwave Global ECC P256 Certification Authority"

# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US

# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d

# Subject: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US

# Not Valid Before: Wed Aug 23 19:35:10 2017

# Not Valid After : Sat Aug 23 19:35:10 2042

# Fingerprint (SHA-256):

94:5B:BC:82:5E:A5:54:F4:89:D1:FD:51:A7:3D:DF:2E:A6:24:AC:70:19:A0:52:05:22:5C:22:A7:8C:CF:A8:B4

# Fingerprint (SHA1): B4:90:82:DD:45:0C:BE:8B:5B:B1:66:D3:E2:A4:08:26:CD:ED:42:CF

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\264\220\202\335\105\014\276\213\133\261\146\323\342\244\010\046
\315\355\102\317
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\133\104\343\215\135\066\206\046\350\015\005\322\131\247\203\124

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156  
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150  
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030  
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156  
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004  
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157  
\142\141\154\040\105\103\103\040\120\062\065\066\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\014\015\152\137\010\077\050\134\076\121\225\337\135

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Trustwave Global ECC P384 Certification Authority"

#

# Issuer: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US

# Serial Number:08:bd:85:97:6c:99:27:a4:80:68:47:3b

# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,  
Inc.",L=Chicago,ST=Illinois,C=US

# Not Valid Before: Wed Aug 23 19:36:43 2017

# Not Valid After : Sat Aug 23 19:36:43 2042

# Fingerprint (SHA-256):

55:90:38:59:C8:C0:C3:EB:B8:75:9E:CE:4E:25:57:22:5F:F5:75:8B:BD:38:EB:D4:82:76:60:1E:1B:D5:80:97

# Fingerprint (SHA1): E7:F3:A3:C8:CF:6F:C3:04:2E:6D:0E:67:32:C5:9E:68:95:0D:5E:D2

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156  
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150  
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030  
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156  
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004

\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157  
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156  
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150  
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030  
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156  
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004  
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157  
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\014\010\275\205\227\154\231\047\244\200\150\107\073

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\235\060\202\002\044\240\003\002\001\002\002\014\010  
\275\205\227\154\231\047\244\200\150\107\073\060\012\006\010\052  
\206\110\316\075\004\003\003\060\201\221\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\021\060\017\006\003\125\004\010  
\023\010\111\154\154\151\156\157\151\163\061\020\060\016\006\003  
\125\004\007\023\007\103\150\151\143\141\147\157\061\041\060\037  
\006\003\125\004\012\023\030\124\162\165\163\164\167\141\166\145  
\040\110\157\154\144\151\156\147\163\054\040\111\156\143\056\061  
\072\060\070\006\003\125\004\003\023\061\124\162\165\163\164\167  
\141\166\145\040\107\154\157\142\141\154\040\105\103\103\040\120  
\063\070\064\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061  
\067\060\070\062\063\061\071\063\066\064\063\132\027\015\064\062  
\060\070\062\063\061\071\063\066\064\063\132\060\201\221\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006  
\003\125\004\010\023\010\111\154\154\151\156\157\151\163\061\020  
\060\016\006\003\125\004\007\023\007\103\150\151\143\141\147\157  
\061\041\060\037\006\003\125\004\012\023\030\124\162\165\163\164  
\167\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111  
\156\143\056\061\072\060\070\006\003\125\004\003\023\061\124\162  
\165\163\164\167\141\166\145\040\107\154\157\142\141\154\040\105  
\103\103\040\120\063\070\064\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\153\332\015\165\065\010\061\107\005  
\256\105\231\125\361\021\023\056\112\370\020\061\043\243\176\203

```
\323\177\050\010\072\046\032\072\317\227\202\037\200\267\047\011
\217\321\216\060\304\012\233\016\254\130\004\253\367\066\175\224
\043\244\233\012\212\213\253\353\375\071\045\146\361\136\376\214
\256\215\101\171\235\011\140\316\050\251\323\212\155\363\326\105
\324\362\230\204\070\145\240\243\103\060\101\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\017\006\003
\125\035\017\001\001\377\004\005\003\003\007\006\000\060\035\006
\003\125\035\016\004\026\004\024\125\251\204\211\322\301\062\275
\030\313\154\246\007\116\310\347\235\276\202\220\060\012\006\010
\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060\067
\001\222\227\105\022\176\240\363\076\255\031\072\162\335\364\120
\223\003\022\276\104\322\117\101\244\214\234\235\037\243\366\302
\222\347\110\024\376\116\233\245\221\127\256\306\067\162\273\002
\060\147\045\012\261\014\136\356\251\143\222\157\345\220\013\376
\146\042\312\107\375\212\061\367\203\376\172\277\020\276\030\053
\036\217\366\051\036\224\131\357\216\041\067\313\121\230\245\156
\113
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Trustwave Global ECC P384 Certification Authority"
# Issuer: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number:08:bd:85:97:6c:99:27:a4:80:68:47:3b
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:36:43 2017
# Not Valid After : Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):
55:90:38:59:C8:C0:C3:EB:B8:75:9E:CE:4E:25:57:22:5F:F5:75:8B:BD:38:EB:D4:82:76:60:1E:1B:D5:80:97
```

```
# Fingerprint (SHA1): E7:F3:A3:C8:CF:6F:C3:04:2E:6D:0E:67:32:C5:9E:68:95:0D:5E:D2
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\347\363\243\310\317\157\303\004\056\155\016\147\062\305\236\150
\225\015\136\322
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\352\317\140\304\073\271\025\051\100\241\227\355\170\047\223\326
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\221\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
```

```
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\105\103\103\040\120\063\070\064\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\014\010\275\205\227\154\231\047\244\200\150\107\073
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "NAVER Global Root Certification Authority"

#

# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR

# Serial Number:01:94:30:1e:a2:0b:dd:f5:c5:33:2a:b1:43:44:71:f8:d6:50:4d:0d

# Subject: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR

# Not Valid Before: Fri Aug 18 08:58:42 2017

# Not Valid After : Tue Aug 18 23:59:59 2037

# Fingerprint (SHA-256):

88:F4:38:DC:F8:FF:D1:FA:8F:42:91:15:FF:E5:F8:2A:E1:E0:6E:0C:70:C3:75:FA:AD:71:7B:34:A4:9E:72:65

# Fingerprint (SHA1): 8F:6B:F2:A9:27:4A:DA:14:A0:C4:F4:8E:61:27:F9:C0:1E:78:5D:D1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "NAVER Global Root Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
```

\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003  
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\001\224\060\036\242\013\335\365\305\063\052\261\103\104  
\161\370\326\120\115\015

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\242\060\202\003\212\240\003\002\001\002\002\024\001  
\224\060\036\242\013\335\365\305\063\052\261\103\104\161\370\326  
\120\115\015\060\015\006\011\052\206\110\206\367\015\001\001\014  
\005\000\060\151\061\013\060\011\006\003\125\004\006\023\002\113  
\122\061\046\060\044\006\003\125\004\012\014\035\116\101\126\105  
\122\040\102\125\123\111\116\105\123\123\040\120\114\101\124\106  
\117\122\115\040\103\157\162\160\056\061\062\060\060\006\003\125  
\004\003\014\051\116\101\126\105\122\040\107\154\157\142\141\154  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036\027  
\015\061\067\060\070\061\070\060\070\065\070\064\062\132\027\015  
\063\067\060\070\061\070\062\063\065\071\065\071\132\060\151\061  
\013\060\011\006\003\125\004\006\023\002\113\122\061\046\060\044  
\006\003\125\004\012\014\035\116\101\126\105\122\040\102\125\123  
\111\116\105\123\123\040\120\114\101\124\106\117\122\115\040\103  
\157\162\160\056\061\062\060\060\006\003\125\004\003\014\051\116  
\101\126\105\122\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\266\324\361\223\134\265\100  
\211\012\253\015\220\133\120\143\256\220\224\164\027\105\162\326  
\173\145\132\051\113\247\126\240\113\270\057\102\165\351\331\173  
\044\132\061\145\253\027\027\321\063\072\331\021\334\100\066\207  
\337\307\152\351\046\136\131\212\167\343\350\110\234\061\026\372  
\076\221\261\312\311\243\342\237\316\041\123\243\002\066\060\313  
\122\002\345\332\062\135\303\305\346\371\356\021\307\213\311\104  
\036\204\223\030\112\264\237\345\022\144\151\320\046\205\142\001  
\266\311\002\035\276\203\121\273\134\332\370\255\025\152\231\367  
\222\124\367\064\133\351\277\352\051\201\022\324\123\221\226\263  
\221\132\335\376\220\163\050\373\060\106\265\312\010\007\307\161  
\162\311\146\323\064\227\366\214\364\030\112\341\320\075\132\105  
\266\151\247\051\373\043\316\210\330\022\234\000\110\250\246\017  
\263\073\222\215\161\016\164\305\213\310\114\371\364\233\216\270  
\074\151\355\157\073\120\057\130\355\304\260\320\034\033\152\014  
\342\274\104\252\330\315\024\135\224\170\141\277\016\156\332\052  
\274\057\014\013\161\246\263\026\077\234\346\371\314\237\123\065  
\342\003\240\240\030\277\273\361\276\364\326\214\207\015\102\367

\006\271\361\155\355\004\224\250\376\266\323\006\306\100\141\337  
\235\235\363\124\166\316\123\072\001\246\222\101\354\004\243\217  
\015\242\325\011\312\326\313\232\361\357\103\135\300\253\245\101  
\317\134\123\160\160\311\210\246\055\324\153\141\163\120\046\206  
\141\016\137\033\302\053\342\214\325\273\235\301\003\102\272\224  
\332\137\251\260\312\314\115\012\357\107\151\003\057\042\373\361  
\050\316\277\135\120\145\250\220\155\263\164\260\010\307\254\250  
\321\353\076\234\374\135\032\203\056\053\313\265\363\104\235\072  
\247\027\141\226\242\161\323\160\226\025\115\267\114\163\356\031  
\134\305\133\076\101\376\254\165\140\073\033\143\316\000\335\332  
\010\220\142\264\345\055\356\110\247\153\027\231\124\276\207\112  
\343\251\136\004\114\353\020\155\124\326\357\361\350\362\142\026  
\313\200\153\355\075\355\365\037\060\245\256\113\311\023\355\212  
\001\001\311\270\121\130\300\146\072\261\146\113\304\325\061\002  
\142\351\164\204\014\333\115\106\055\002\003\001\000\001\243\102  
\060\100\060\035\006\003\125\035\016\004\026\004\024\322\237\210  
\337\241\315\054\275\354\365\073\001\001\223\063\047\262\353\140  
\113\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\015\006\011\052\206\110\206\367\015\001\001\014\005  
\000\003\202\002\001\000\062\312\200\263\235\075\124\006\335\322  
\322\056\360\244\001\041\013\147\110\312\155\216\340\310\252\015  
\252\215\041\127\217\306\076\172\312\333\121\324\122\263\324\226  
\204\245\130\140\177\345\013\216\037\365\334\012\025\201\345\073  
\266\267\042\057\011\234\023\026\261\154\014\065\010\155\253\143  
\162\355\334\276\354\307\127\346\060\040\161\326\327\020\301\023  
\125\001\214\052\103\344\101\361\317\072\172\123\222\316\242\003  
\005\015\070\337\002\273\020\056\331\073\322\233\172\300\241\246  
\370\265\061\346\364\165\311\271\123\231\165\107\042\132\024\025  
\307\170\033\266\235\351\014\370\033\166\361\205\204\336\241\332  
\022\357\244\342\020\227\172\170\336\014\121\227\250\041\100\213  
\206\275\015\360\136\116\113\066\273\073\040\037\212\102\126\341  
\013\032\277\173\320\042\103\054\104\214\373\345\052\264\154\034  
\034\272\224\340\023\176\041\346\232\302\313\305\102\144\264\036  
\224\173\010\045\310\161\314\207\105\127\205\323\237\051\142\042  
\203\121\227\000\030\227\167\152\230\222\311\174\140\154\337\154  
\175\112\344\160\114\302\236\270\035\367\320\064\307\017\314\373  
\247\377\003\276\255\160\220\332\013\335\310\155\227\137\232\177  
\011\062\101\375\315\242\314\132\155\114\362\252\111\376\146\370  
\351\330\065\353\016\050\036\356\110\057\072\320\171\011\070\174  
\246\042\202\223\225\320\003\276\276\002\240\005\335\040\042\343  
\157\035\210\064\140\306\346\012\271\011\165\013\360\007\350\151  
\226\065\307\373\043\201\216\070\071\270\105\053\103\170\242\321  
\054\024\377\015\050\162\162\225\233\136\011\333\211\104\230\252  
\241\111\273\161\122\362\277\366\377\047\241\066\257\270\266\167  
\210\335\072\244\155\233\064\220\334\024\135\060\277\267\353\027  
\344\207\267\161\320\241\327\167\025\324\102\327\362\363\061\231  
\135\233\335\026\155\077\352\006\043\370\106\242\042\355\223\366

```
\335\232\346\052\207\261\230\124\361\042\367\153\105\343\342\216
\166\035\232\215\304\006\215\066\267\024\363\235\124\151\267\216
\074\325\244\155\223\201\267\255\366\275\144\173\302\311\150\071
\240\222\234\315\064\206\221\220\372\144\121\235\376\376\353\245
\365\165\336\211\367\162
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "NAVER Global Root Certification Authority"
```

```
# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
```

```
# Serial Number:01:94:30:1e:a2:0b:dd:f5:c5:33:2a:b1:43:44:71:f8:d6:50:4d:0d
```

```
# Subject: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
```

```
# Not Valid Before: Fri Aug 18 08:58:42 2017
```

```
# Not Valid After : Tue Aug 18 23:59:59 2037
```

```
# Fingerprint (SHA-256):
```

```
88:F4:38:DC:F8:FF:D1:FA:8F:42:91:15:FF:E5:F8:2A:E1:E0:6E:0C:70:C3:75:FA:AD:71:7B:34:A4:9E:72:65
```

```
# Fingerprint (SHA1): 8F:6B:F2:A9:27:4A:DA:14:A0:C4:F4:8E:61:27:F9:C0:1E:78:5D:D1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "NAVER Global Root Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\217\153\362\251\047\112\332\024\240\304\364\216\141\047\371\300
\036\170\135\321
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\310\176\101\366\045\073\365\011\263\027\350\106\075\277\320\233
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\151\061\013\060\011\006\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\107\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\024\001\224\060\036\242\013\335\365\305\063\052\261\103\104
\161\370\326\120\115\015
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```



```

#
# Certificate "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
#
# Issuer: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Serial Number:62:f6:32:6c:e5:c4:e3:68:5c:1b:62:dd:9c:2e:9d:95
# Subject: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Not Valid Before: Thu Dec 20 09:37:33 2018
# Not Valid After : Sun Dec 20 09:37:33 2043
# Fingerprint (SHA-256):
55:41:53:B1:3D:2C:F9:DD:B7:53:BF:BE:1A:4E:0A:E0:8D:0A:A4:18:70:58:FE:60:A2:B8:62:B2:E4:B8:7B:CB
# Fingerprint (SHA1): 62:FF:D9:9E:C0:65:0D:03:CE:75:93:D2:ED:3F:2D:32:C9:E3:E5:4A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106
\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122
\105\123\040\123\105\107\125\122\117\123
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106
\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122
\105\123\040\123\105\107\125\122\117\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\142\366\062\154\345\304\343\150\134\033\142\335\234\056
\235\225
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\156\060\202\001\363\240\003\002\001\002\002\020\142
\366\062\154\345\304\343\150\134\033\142\335\234\056\235\225\060

```

\012\006\010\052\206\110\316\075\004\003\003\060\170\061\013\060  
\011\006\003\125\004\006\023\002\105\123\061\021\060\017\006\003  
\125\004\012\014\010\106\116\115\124\055\122\103\115\061\016\060  
\014\006\003\125\004\013\014\005\103\145\162\145\163\061\030\060  
\026\006\003\125\004\141\014\017\126\101\124\105\123\055\121\062  
\070\062\066\060\060\064\112\061\054\060\052\006\003\125\004\003  
\014\043\101\103\040\122\101\111\132\040\106\116\115\124\055\122  
\103\115\040\123\105\122\126\111\104\117\122\105\123\040\123\105  
\107\125\122\117\123\060\036\027\015\061\070\061\062\062\060\060  
\071\063\067\063\063\132\027\015\064\063\061\062\062\060\060\071  
\063\067\063\063\132\060\170\061\013\060\011\006\003\125\004\006  
\023\002\105\123\061\021\060\017\006\003\125\004\012\014\010\106  
\116\115\124\055\122\103\115\061\016\060\014\006\003\125\004\013  
\014\005\103\145\162\145\163\061\030\060\026\006\003\125\004\141  
\014\017\126\101\124\105\123\055\121\062\070\062\066\060\060\064  
\112\061\054\060\052\006\003\125\004\003\014\043\101\103\040\122  
\101\111\132\040\106\116\115\124\055\122\103\115\040\123\105\122  
\126\111\104\117\122\105\123\040\123\105\107\125\122\117\123\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\366\272\127\123\310\312\253\337\066  
\112\122\041\344\227\322\203\147\236\360\145\121\320\136\207\307  
\107\261\131\362\127\107\233\000\002\223\104\027\151\333\102\307  
\261\262\072\030\016\264\135\214\263\146\135\241\064\371\066\054  
\111\333\363\106\374\263\104\151\104\023\146\375\327\305\375\257  
\066\115\316\003\115\007\161\317\257\152\005\322\242\103\132\012  
\122\157\001\003\116\216\213\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\001\271\057\357\277\021\206\140\362  
\117\320\101\156\253\163\037\347\322\156\111\060\012\006\010\052  
\206\110\316\075\004\003\003\003\151\000\060\146\002\061\000\256  
\112\343\053\100\303\164\021\362\225\255\026\043\336\116\014\032  
\346\135\245\044\136\153\104\173\374\070\342\117\313\234\105\027  
\021\114\024\047\046\125\071\165\112\003\314\023\220\237\222\002  
\061\000\372\112\154\140\210\163\363\356\270\230\142\251\316\053  
\302\331\212\246\160\061\035\257\260\224\114\353\117\306\343\321  
\363\142\247\074\377\223\056\007\134\111\001\147\151\022\002\162  
\277\347

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"

# Issuer: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-  
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES

# Serial Number:62:f6:32:6c:e5:c4:e3:68:5c:1b:62:dd:9c:2e:9d:95

# Subject: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-

```
Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Not Valid Before: Thu Dec 20 09:37:33 2018
# Not Valid After : Sun Dec 20 09:37:33 2043
# Fingerprint (SHA-256):
55:41:53:B1:3D:2C:F9:DD:B7:53:BF:BE:1A:4E:0A:E0:8D:0A:A4:18:70:58:FE:60:A2:B8:62:B2:E4:B8:7B:CB
# Fingerprint (SHA1): 62:FF:D9:9E:C0:65:0D:03:CE:75:93:D2:ED:3F:2D:32:C9:E3:E5:4A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\142\377\331\236\300\145\015\003\316\165\223\322\355\077\055\062
\311\343\345\112
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\031\066\234\122\003\057\322\321\273\043\314\335\036\022\125\273
END
CKA_ISSUER MULTILINE_OCTAL
\060\170\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\016\060\014\006\003\125\004\013\014\005\103\145\162
\145\163\061\030\060\026\006\003\125\004\141\014\017\126\101\124
\105\123\055\121\062\070\062\066\060\060\064\112\061\054\060\052
\006\003\125\004\003\014\043\101\103\040\122\101\111\132\040\106
\116\115\124\055\122\103\115\040\123\105\122\126\111\104\117\122
\105\123\040\123\105\107\125\122\117\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\142\366\062\154\345\304\343\150\134\033\142\335\234\056
\235\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Secure Mail Root R45"
#
# Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# Serial Number: 76:53:fe:a8:4c:50:ab:9f:8d:32:b5:1d:03:8f:57:dc
# Subject: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 18 00:00:00 2020
# Not Valid After : Sat Mar 18 00:00:00 2045
# Fingerprint (SHA-256):
31:9A:F0:A7:72:9E:6F:89:26:9C:13:1E:A6:A3:A1:6F:CD:86:38:9F:DC:AB:3C:47:A4:A6:75:C1:61:A3:F9:74
# Fingerprint (SHA1): 76:18:D1:F3:80:24:3D:52:40:C6:11:6A:AD:57:77:09:7D:81:30:A0
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root R45"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\123\376\250\114\120\253\237\215\062\265\035\003\217
\127\334
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\160\060\202\003\130\240\003\002\001\002\002\020\166
\123\376\250\114\120\253\237\215\062\265\035\003\217\127\334\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\122
\061\013\060\011\006\003\125\004\006\023\002\102\105\061\031\060
\027\006\003\125\004\012\023\020\107\154\157\142\141\154\123\151
\147\156\040\156\166\055\163\141\061\050\060\046\006\003\125\004
\003\023\037\107\154\157\142\141\154\123\151\147\156\040\123\145
\143\165\162\145\040\115\141\151\154\040\122\157\157\164\040\122
\064\065\060\036\027\015\062\060\060\063\061\070\060\060\060\060
\060\060\132\027\015\064\065\060\063\061\070\060\060\060\060\060
\060\132\060\122\061\013\060\011\006\003\125\004\006\023\002\102
\105\061\031\060\027\006\003\125\004\012\023\020\107\154\157\142
\141\154\123\151\147\156\040\156\166\055\163\141\061\050\060\046
\006\003\125\004\003\023\037\107\154\157\142\141\154\123\151\147
\156\040\123\145\143\165\162\145\040\115\141\151\154\040\122\157
\157\164\040\122\064\065\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\334\171\314\155\006\371\155\273\340
\126\004\154\177\340\165\314\055\005\111\350\113\334\124\354\133
\167\225\162\277\177\142\235\205\251\212\044\120\137\123\345\333
```

\164\157\244\051\133\023\052\011\255\232\305\057\302\367\166\073  
\241\105\106\252\103\346\044\376\053\260\157\062\160\031\106\132  
\171\046\057\374\075\175\137\144\313\127\314\141\141\250\331\225  
\156\343\225\240\156\177\107\022\030\326\357\003\311\373\212\372  
\232\275\202\025\251\125\167\113\021\117\131\340\153\303\161\363  
\014\330\124\325\201\150\076\023\271\025\056\207\212\074\104\047  
\066\142\044\156\370\054\005\162\060\141\275\102\221\043\304\235  
\045\247\331\124\232\024\243\061\255\200\171\014\247\143\154\230  
\243\254\127\107\063\037\145\226\341\320\322\065\332\371\161\367  
\241\246\045\265\101\135\337\076\140\330\321\366\237\245\362\270  
\314\023\252\217\371\262\156\341\203\055\223\335\076\205\032\335  
\350\261\134\046\001\313\111\205\374\374\322\324\177\205\142\206  
\164\371\313\354\065\042\242\014\060\217\073\253\171\353\126\362  
\372\102\363\355\371\037\105\211\100\051\255\352\222\164\352\122  
\375\126\264\053\332\242\355\165\302\156\253\316\122\220\113\366  
\336\360\111\217\232\110\324\210\031\155\105\346\314\214\271\335  
\144\140\140\002\100\370\271\317\274\130\353\075\205\271\306\012  
\323\234\007\146\217\307\030\071\043\106\341\074\036\243\057\120  
\141\222\013\075\053\154\361\243\107\070\127\221\253\015\217\306  
\235\115\004\322\046\122\134\345\245\375\052\055\026\052\001\151  
\347\251\175\341\066\267\261\052\305\331\261\215\275\271\213\316  
\314\213\241\076\013\110\315\120\225\064\304\330\010\131\330\153  
\046\364\276\365\324\042\027\000\127\311\256\233\004\060\063\237  
\013\373\337\126\242\311\156\124\166\332\261\227\142\047\131\017  
\021\212\042\033\144\226\077\250\361\267\044\112\215\074\123\174  
\155\203\166\075\262\046\110\163\365\104\026\001\055\011\052\216  
\026\226\120\320\163\006\135\273\042\110\202\114\012\106\132\077  
\200\377\134\362\362\232\254\054\010\340\326\352\360\022\070\201  
\117\246\020\355\106\253\314\026\234\013\317\144\246\231\002\205  
\104\147\106\255\375\115\347\002\003\001\000\001\243\102\060\100  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\240\223\025\050  
\156\356\217\010\262\065\306\236\142\171\164\247\261\016\053\173  
\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\003  
\202\002\001\000\105\012\370\321\134\254\142\201\320\004\327\266  
\377\127\121\211\013\014\313\336\044\145\067\373\253\236\355\146  
\364\352\014\031\151\211\270\031\261\060\126\264\331\366\367\276  
\306\256\227\313\105\366\021\214\072\060\144\114\301\237\131\300  
\106\102\010\006\107\144\027\170\340\225\007\006\326\214\242\254  
\251\331\077\323\173\126\117\374\304\207\050\337\266\053\026\043  
\300\237\037\133\343\326\104\136\042\117\043\004\214\065\026\265  
\171\007\206\134\057\227\342\366\010\144\246\334\333\250\212\343  
\244\173\167\015\321\051\223\050\040\264\123\243\113\116\137\336  
\301\366\165\043\374\037\074\170\117\160\061\170\057\242\065\124  
\161\004\254\310\304\155\303\366\221\261\376\315\356\104\156\201  
\366\100\305\076\052\001\277\253\114\261\003\077\015\021\344\017  
\322\044\343\042\210\233\237\137\107\075\121\111\340\011\067\176

\027\041\061\166\267\147\161\110\050\113\045\327\020\350\237\141  
\131\026\305\076\062\116\037\014\316\243\314\017\344\307\021\007  
\042\057\070\010\335\133\227\353\102\154\131\232\232\356\172\320  
\235\337\305\333\011\103\056\012\252\031\075\153\350\152\060\172  
\127\346\277\263\152\071\251\217\343\361\117\145\150\266\275\237  
\050\217\241\026\132\011\120\072\062\056\035\057\104\021\102\246  
\000\346\061\230\377\055\241\017\346\244\140\126\317\171\327\262  
\116\327\260\372\156\014\127\043\307\316\037\245\261\114\155\031  
\111\236\016\177\160\217\161\077\130\050\237\165\335\141\340\072  
\267\071\266\356\227\324\065\121\373\213\111\140\310\074\146\256  
\227\356\215\046\131\127\273\170\360\172\120\060\011\260\140\252  
\237\116\334\311\076\036\072\334\142\223\063\260\072\124\164\157  
\054\061\105\321\153\021\062\152\150\166\366\075\366\152\023\136  
\044\230\347\352\035\232\317\170\202\007\140\367\115\020\323\201  
\232\105\215\236\257\233\334\200\307\103\262\225\150\244\303\016  
\350\012\107\025\277\124\063\334\001\347\325\246\036\163\330\172  
\262\277\057\255\343\125\060\236\337\016\101\274\340\021\365\241  
\014\250\042\341\343\000\243\116\160\174\222\343\004\321\172\102  
\212\165\220\131\343\233\321\114\242\144\275\163\171\233\157\362  
\263\301\366\074

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign Secure Mail Root R45"

# Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE

# Serial Number: 76:53:fe:a8:4c:50:ab:9f:8d:32:b5:1d:03:8f:57:dc

# Subject: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE

# Not Valid Before: Wed Mar 18 00:00:00 2020

# Not Valid After : Sat Mar 18 00:00:00 2045

# Fingerprint (SHA-256):

31:9A:F0:A7:72:9E:6F:89:26:9C:13:1E:A6:A3:A1:6F:CD:86:38:9F:DC:AB:3C:47:A4:A6:75:C1:61:A3:F9:74

# Fingerprint (SHA1): 76:18:D1:F3:80:24:3D:52:40:C6:11:6A:AD:57:77:09:7D:81:30:A0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Secure Mail Root R45"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\166\030\321\363\200\044\075\122\100\306\021\152\255\127\167\011  
\175\201\060\240

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\223\304\173\263\016\124\107\034\103\054\213\276\160\205\142\051

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061

```
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\122\064\065
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\166\123\376\250\114\120\253\237\215\062\265\035\003\217
\127\334
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GlobalSign Secure Mail Root E45"

#

# Issuer: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE

# Serial Number:76:53:fe:aa:27:1d:95:46:5d:d6:f1:9e:e5:b8:90:0a

# Subject: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE

# Not Valid Before: Wed Mar 18 00:00:00 2020

# Not Valid After : Sat Mar 18 00:00:00 2045

# Fingerprint (SHA-256):

5C:BF:6F:B8:1F:D4:17:EA:41:28:CD:6F:81:72:A3:C9:40:20:94:F7:4A:B2:ED:3A:06:B4:40:5D:04:F3:0B:19

# Fingerprint (SHA1): 18:2E:1F:32:4F:89:DF:BE:FE:88:89:F0:93:C2:C4:A0:2B:67:75:21

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Secure Mail Root E45"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\105\064\065
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\105\064\065
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\166\123\376\252\047\035\225\106\135\326\361\236\345\270  
\220\012

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\041\060\202\001\247\240\003\002\001\002\002\020\166  
\123\376\252\047\035\225\106\135\326\361\236\345\270\220\012\060  
\012\006\010\052\206\110\316\075\004\003\003\060\122\061\013\060  
\011\006\003\125\004\006\023\002\102\105\061\031\060\027\006\003  
\125\004\012\023\020\107\154\157\142\141\154\123\151\147\156\040  
\156\166\055\163\141\061\050\060\046\006\003\125\004\003\023\037  
\107\154\157\142\141\154\123\151\147\156\040\123\145\143\165\162  
\145\040\115\141\151\154\040\122\157\157\164\040\105\064\065\060  
\036\027\015\062\060\060\063\061\070\060\060\060\060\060\132  
\027\015\064\065\060\063\061\070\060\060\060\060\060\132\060  
\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061\031  
\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154\123  
\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003\125  
\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040\123  
\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164\040  
\105\064\065\060\166\060\020\006\007\052\206\110\316\075\002\001  
\006\005\053\201\004\000\042\003\142\000\004\371\171\213\201\107  
\067\211\226\077\105\111\120\177\032\046\013\223\062\176\056\300  
\300\247\010\232\303\156\217\233\076\013\042\354\067\123\267\157  
\212\260\274\047\067\113\155\251\106\073\331\037\377\245\241\104  
\273\055\163\277\236\101\007\134\123\233\121\010\072\132\273\157  
\070\307\026\221\170\302\112\023\151\035\202\337\132\057\000\210  
\226\242\056\034\164\371\235\176\146\067\212\243\102\060\100\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\337\023\136\213\137  
\302\100\002\375\126\267\224\114\266\036\325\246\261\024\226\060  
\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060\145  
\002\060\023\260\276\327\161\040\076\344\253\234\316\066\022\175  
\137\114\037\052\265\151\105\063\137\323\055\132\262\344\210\307  
\336\012\066\102\062\171\235\246\153\272\341\371\104\052\173\212  
\303\022\002\061\000\240\146\034\116\207\235\207\311\355\231\114  
\033\012\356\055\140\303\067\307\035\315\265\162\260\331\306\357  
\274\362\377\077\360\122\335\010\347\252\144\171\303\344\151\127  
\221\057\244\313\174

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign Secure Mail Root E45"

# Issuer: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE



```
# Serial Number:76:53:fe:aa:27:1d:95:46:5d:d6:f1:9e:e5:b8:90:0a
# Subject: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 18 00:00:00 2020
# Not Valid After : Sat Mar 18 00:00:00 2045
# Fingerprint (SHA-256):
5C:BF:6F:B8:1F:D4:17:EA:41:28:CD:6F:81:72:A3:C9:40:20:94:F7:4A:B2:ED:3A:06:B4:40:5D:04:F3:0B:19
# Fingerprint (SHA1): 18:2E:1F:32:4F:89:DF:BE:FE:88:89:F0:93:C2:C4:A0:2B:67:75:21
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root E45"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\030\056\037\062\117\211\337\276\376\210\211\360\223\302\304\240
\053\147\165\041
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\374\306\056\237\364\122\055\052\250\244\272\373\147\062\377
END
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\141\151\154\040\122\157\157\164
\040\105\064\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\123\376\252\047\035\225\106\135\326\361\236\345\270
\220\012
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root R46"
#
# Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Serial Number:11:d2:bb:b9:d7:23:18:9e:40:5f:0a:9d:2d:d0:df:25:67:d1
# Subject: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
4F:A3:12:6D:8D:3A:11:D1:C4:85:5A:4F:80:7C:BA:D6:CF:91:9D:3A:5A:88:B0:3B:EA:2C:63:72:D9:3C:40:C9
# Fingerprint (SHA1): 53:A2:B0:4B:CA:6B:D6:45:E6:39:8A:8E:C4:0D:D2:BF:77:C3:A2:90
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root R46"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\122\064\066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\122\064\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\322\273\271\327\043\030\236\100\137\012\235\055\320
\337\045\147\321
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\132\060\202\003\102\240\003\002\001\002\002\022\021
\322\273\271\327\043\030\236\100\137\012\235\055\320\337\045\147
\321\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\122\064\066\060\036\027\015\061\071\060\063
\062\060\060\060\060\060\060\060\132\027\015\064\066\060\063\062
\060\060\060\060\060\060\060\132\060\106\061\013\060\011\006\003
\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004\012
\023\020\107\154\157\142\141\154\123\151\147\156\040\156\166\055
\163\141\061\034\060\032\006\003\125\004\003\023\023\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\122\064\066
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\254\254\164\062\350\263\145\345\272\355\103\046\035\246\211
\015\105\272\051\210\262\244\035\143\335\323\301\054\011\127\211
\071\241\125\351\147\064\167\014\156\344\125\035\122\045\322\023
\153\136\341\035\251\267\175\211\062\137\015\236\237\054\172\143
\140\100\037\246\260\266\170\217\231\124\226\010\130\256\344\006
\274\142\005\002\026\277\257\250\043\003\266\224\017\274\156\154
\302\313\325\246\273\014\351\366\301\002\373\041\336\146\335\027
```

\253\164\102\357\360\164\057\045\364\352\153\125\133\220\333\235  
\337\136\207\012\100\373\255\031\153\373\367\312\140\210\336\332  
\301\217\326\256\325\177\324\074\203\356\327\026\114\203\105\063  
\153\047\320\206\320\034\055\153\363\253\175\361\205\251\365\050  
\322\255\357\363\204\113\034\207\374\023\243\072\162\242\132\021  
\053\326\047\161\047\355\201\055\155\146\201\222\207\264\033\130  
\172\314\077\012\372\106\117\115\170\134\370\053\110\343\004\204  
\313\135\366\264\152\263\145\374\102\236\121\046\043\040\313\075  
\024\371\201\355\145\026\000\117\032\144\227\146\010\317\214\173  
\343\053\300\235\371\024\362\033\361\126\152\026\277\054\205\205  
\315\170\070\232\353\102\152\002\064\030\203\027\116\224\126\370  
\266\202\265\363\226\335\075\363\276\177\040\167\076\173\031\043  
\153\054\324\162\163\103\127\175\340\370\327\151\117\027\066\004  
\371\300\220\140\067\105\336\346\014\330\164\215\256\234\242\155  
\164\135\102\276\006\365\331\144\156\002\020\254\211\260\114\073  
\007\115\100\176\044\305\212\230\202\171\216\244\247\202\040\215  
\043\372\047\161\311\337\306\101\164\240\115\366\221\026\334\106  
\214\137\051\143\061\131\161\014\330\157\302\266\062\175\373\346  
\135\123\246\176\025\374\273\165\174\135\354\370\366\027\034\354  
\307\153\031\313\363\173\360\053\007\245\331\154\171\124\166\154  
\235\034\246\156\016\351\171\014\250\043\152\243\337\033\060\061  
\237\261\124\173\376\152\313\146\252\334\145\320\242\236\112\232  
\007\041\153\201\217\333\304\131\372\336\042\300\004\234\343\252  
\133\066\223\350\075\275\172\241\235\013\166\261\013\307\235\375  
\317\230\250\006\302\370\052\243\241\203\240\267\045\162\245\002  
\343\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\003\134\253\163\201\207\250\314\260\246  
\325\224\342\066\226\111\377\005\231\054\060\015\006\011\052\206  
\110\206\367\015\001\001\014\005\000\003\202\002\001\000\174\170  
\354\366\002\054\273\133\176\222\053\135\071\334\276\330\035\242  
\102\063\115\371\357\244\052\073\104\151\036\254\331\105\243\116  
\074\247\330\044\121\262\124\034\223\116\304\357\173\223\205\140  
\046\352\011\110\340\365\273\307\351\150\322\273\152\061\161\314  
\171\256\021\250\360\231\375\345\037\274\057\250\314\127\353\166  
\304\041\246\107\123\125\115\150\277\005\244\356\327\046\253\142  
\332\103\067\113\342\306\265\345\262\203\031\072\307\323\333\115  
\236\010\172\363\356\317\076\142\373\254\350\140\314\321\307\241  
\134\203\105\304\105\314\363\027\153\024\311\004\002\076\322\044  
\246\171\351\036\316\242\347\301\131\025\237\035\342\113\232\076  
\237\166\010\055\153\330\272\127\024\332\203\352\376\214\125\351  
\320\116\251\314\167\061\261\104\021\172\134\261\076\323\024\105  
\025\030\142\044\023\322\313\115\316\134\203\301\066\362\020\265  
\016\210\155\270\341\126\237\211\336\226\146\071\107\144\054\156  
\115\256\142\173\277\140\164\031\270\126\254\222\254\026\062\355  
\255\150\125\376\230\272\323\064\336\364\311\141\303\016\206\366  
\113\204\140\356\015\173\265\062\130\171\221\125\054\201\103\263

```
\164\037\172\252\045\236\035\327\241\213\271\315\102\056\004\244
\146\203\115\211\065\266\154\250\066\112\171\041\170\042\320\102
\274\321\100\061\220\241\276\004\317\312\147\355\365\360\200\323
\140\311\203\052\042\005\320\007\073\122\277\014\236\252\053\371
\273\346\037\217\045\272\205\215\027\036\002\376\135\120\004\127
\317\376\055\274\357\134\300\032\253\266\237\044\306\337\163\150
\110\220\054\024\364\077\122\032\344\322\313\024\303\141\151\317
\342\371\030\305\272\063\237\024\243\004\135\271\161\367\265\224
\330\366\063\301\132\301\064\213\174\233\335\223\072\347\023\242
\160\141\237\257\217\353\330\305\165\370\063\146\324\164\147\072
\067\167\234\347\335\244\017\166\103\146\212\103\362\237\373\014
\102\170\143\321\342\017\157\173\324\241\075\164\227\205\267\110
\071\101\326\040\374\320\072\263\372\350\157\304\212\272\161\067
\276\213\227\261\170\061\117\263\347\266\003\023\316\124\235\256
\045\131\314\177\065\137\010\367\100\105\061\170\052\172
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "GlobalSign Root R46"

# Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE

# Serial Number: 11:d2:bb:b9:d7:23:18:9e:40:5f:0a:9d:2d:d0:df:25:67:d1

# Subject: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE

# Not Valid Before: Wed Mar 20 00:00:00 2019

# Not Valid After : Tue Mar 20 00:00:00 2046

# Fingerprint (SHA-256):

4F:A3:12:6D:8D:3A:11:D1:C4:85:5A:4F:80:7C:BA:D6:CF:91:9D:3A:5A:88:B0:3B:EA:2C:63:72:D9:3C:40:C9

# Fingerprint (SHA1): 53:A2:B0:4B:CA:6B:D6:45:E6:39:8A:8E:C4:0D:D2:BF:77:C3:A2:90

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Root R46"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\123\242\260\113\312\153\326\105\346\071\212\216\304\015\322\277
```

```
\167\303\242\220
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\304\024\060\344\372\146\103\224\052\152\033\044\137\031\320\357
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
```

```
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
```

```
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
```

```
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
```

```
\122\157\157\164\040\122\064\066
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\322\273\271\327\043\030\236\100\137\012\235\055\320
\337\045\147\321
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root E46"
#
# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Serial Number:11:d2:bb:ba:33:6e:d4:bc:e6:24:68:c5:0d:84:1d:98:e8:43
# Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
CB:B9:C4:4D:84:B8:04:3E:10:50:EA:31:A6:9F:51:49:55:D7:BF:D2:E2:C6:B4:93:01:01:9A:D6:1D:9F:50:58
# Fingerprint (SHA1): 39:B4:6C:D5:FE:80:06:EB:E2:2F:4A:BB:08:33:A0:AF:DB:B9:DD:84
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root E46"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\105\064\066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\105\064\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\322\273\272\063\156\324\274\346\044\150\305\015\204
\035\230\350\103
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\013\060\202\001\221\240\003\002\001\002\002\022\021
\322\273\272\063\156\324\274\346\044\150\305\015\204\035\230\350

```

\103\060\012\006\010\052\206\110\316\075\004\003\003\060\106\061  
\013\060\011\006\003\125\004\006\023\002\102\105\061\031\060\027  
\006\003\125\004\012\023\020\107\154\157\142\141\154\123\151\147  
\156\040\156\166\055\163\141\061\034\060\032\006\003\125\004\003  
\023\023\107\154\157\142\141\154\123\151\147\156\040\122\157\157  
\164\040\105\064\066\060\036\027\015\061\071\060\063\062\060\060  
\060\060\060\060\060\132\027\015\064\066\060\063\062\060\060\060  
\060\060\060\060\132\060\106\061\013\060\011\006\003\125\004\006  
\023\002\102\105\061\031\060\027\006\003\125\004\012\023\020\107  
\154\157\142\141\154\123\151\147\156\040\156\166\055\163\141\061  
\034\060\032\006\003\125\004\003\023\023\107\154\157\142\141\154  
\123\151\147\156\040\122\157\157\164\040\105\064\066\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\234\016\261\317\267\350\236\122\167\165\064  
\372\245\106\247\255\062\031\062\264\007\251\047\312\224\273\014  
\322\012\020\307\332\211\260\227\014\160\023\011\001\216\330\352  
\107\352\276\262\200\053\315\374\050\015\333\254\274\244\206\067  
\355\160\010\000\165\352\223\013\173\056\122\234\043\150\043\006  
\103\354\222\057\123\204\333\373\107\024\007\350\137\224\147\135  
\311\172\201\074\040\243\102\060\100\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\206\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\061\012\220\217\266\306\235\322\104\113\200  
\265\242\346\037\261\022\117\033\225\060\012\006\010\052\206\110  
\316\075\004\003\003\003\150\000\060\145\002\061\000\337\124\220  
\355\233\357\213\224\002\223\027\202\231\276\263\236\054\366\013  
\221\214\237\112\024\261\366\144\274\273\150\121\023\014\003\367  
\025\213\204\140\271\213\377\122\216\347\214\274\034\002\060\074  
\371\021\324\214\116\300\301\141\302\025\114\252\253\035\013\061  
\137\073\034\342\000\227\104\061\346\376\163\226\057\332\226\323  
\376\010\007\263\064\211\274\005\237\367\036\206\356\213\160

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GlobalSign Root E46"

# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE

# Serial Number:11:d2:bb:ba:33:6e:d4:bc:e6:24:68:c5:0d:84:1d:98:e8:43

# Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE

# Not Valid Before: Wed Mar 20 00:00:00 2019

# Not Valid After : Tue Mar 20 00:00:00 2046

# Fingerprint (SHA-256):

CB:B9:C4:4D:84:B8:04:3E:10:50:EA:31:A6:9F:51:49:55:D7:BF:D2:E2:C6:B4:93:01:01:9A:D6:1D:9F:50:58

# Fingerprint (SHA1): 39:B4:6C:D5:FE:80:06:EB:E2:2F:4A:BB:08:33:A0:AF:DB:B9:DD:84

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root E46"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\071\264\154\325\376\200\006\353\342\057\112\273\010\063\240\257
\333\271\335\204
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\265\270\146\355\336\010\203\343\311\342\001\064\006\254\121\157
END
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040
\122\157\157\164\040\105\064\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\322\273\272\063\156\324\274\346\044\150\305\015\204
\035\230\350\103
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GLOBALTRUST 2020"
#
# Issuer: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
# Serial Number:5a:4b:bd:5a:fb:4f:8a:5b:fa:65:e5
# Subject: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
# Not Valid Before: Mon Feb 10 00:00:00 2020
# Not Valid After : Sun Jun 10 00:00:00 2040
# Fingerprint (SHA-256):
9A:29:6A:51:82:D1:D4:51:A2:E3:7F:43:9B:74:DA:AF:A2:67:52:33:29:F9:0F:9A:0D:20:07:C3:34:E2:3C:9A
# Fingerprint (SHA1): D0:67:C1:13:51:01:0C:AA:D0:C7:6A:65:37:31:16:26:4F:53:71:A2
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GLOBALTRUST 2020"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155
\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040
\107\155\142\110\061\031\060\027\006\003\125\004\003\023\020\107
\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060

```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\002\101\124\061  
\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155  
\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040  
\107\155\142\110\061\031\060\027\006\003\125\004\003\023\020\107  
\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\132\113\275\132\373\117\212\133\372\145\345

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\202\060\202\003\152\240\003\002\001\002\002\013\132  
\113\275\132\373\117\212\133\372\145\345\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\060\115\061\013\060\011\006  
\003\125\004\006\023\002\101\124\061\043\060\041\006\003\125\004  
\012\023\032\145\055\143\157\155\155\145\162\143\145\040\155\157  
\156\151\164\157\162\151\156\147\040\107\155\142\110\061\031\060  
\027\006\003\125\004\003\023\020\107\114\117\102\101\114\124\122  
\125\123\124\040\062\060\062\060\060\060\036\027\015\062\060\060\062  
\061\060\060\060\060\060\060\060\132\027\015\064\060\060\066\061  
\060\060\060\060\060\060\060\132\060\115\061\013\060\011\006\003  
\125\004\006\023\002\101\124\061\043\060\041\006\003\125\004\012  
\023\032\145\055\143\157\155\155\145\162\143\145\040\155\157\156  
\151\164\157\162\151\156\147\040\107\155\142\110\061\031\060\027  
\006\003\125\004\003\023\020\107\114\117\102\101\114\124\122\125  
\123\124\040\062\060\062\060\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\256\056\126\255\033\034\357\366  
\225\217\240\167\033\053\323\143\217\204\115\105\242\017\237\133  
\105\253\131\173\121\064\371\354\213\212\170\305\335\153\257\275  
\304\337\223\105\036\277\221\070\013\256\016\026\347\101\163\370  
\333\273\321\270\121\340\313\203\073\163\070\156\167\212\017\131  
\143\046\315\247\052\316\124\373\270\342\300\174\107\316\140\174  
\077\262\163\362\300\031\266\212\222\207\065\015\220\050\242\344  
\025\004\143\076\272\257\356\174\136\314\246\213\120\262\070\367  
\101\143\312\316\377\151\217\150\016\225\066\345\314\271\214\011  
\312\113\335\061\220\226\310\314\037\375\126\226\064\333\216\034  
\352\054\276\205\056\143\335\252\251\225\323\375\051\225\023\360  
\310\230\223\331\055\026\107\220\021\203\242\072\042\242\050\127  
\242\353\376\300\214\050\240\246\175\347\052\102\073\202\200\143  
\245\143\037\031\314\174\262\146\250\302\323\155\067\157\342\176  
\006\121\331\105\204\037\022\316\044\122\144\205\013\110\200\116  
\207\261\042\042\060\252\353\256\276\340\002\340\100\350\260\102  
\200\003\121\252\264\176\252\104\327\103\141\363\242\153\026\211  
\111\244\243\244\053\212\002\304\170\364\150\212\301\344\172\066  
\261\157\033\226\033\167\111\215\324\311\006\162\217\317\123\343



\334\027\205\040\112\334\230\047\323\221\046\053\107\036\151\007  
\257\336\242\344\344\324\153\013\263\136\174\324\044\200\107\051  
\151\073\156\350\254\375\100\353\330\355\161\161\053\362\350\130  
\035\353\101\227\042\305\037\324\071\320\047\217\207\343\030\364  
\340\251\106\015\365\164\072\202\056\320\156\054\221\243\061\134  
\073\106\352\173\004\020\126\136\200\035\365\245\145\350\202\374  
\342\007\214\142\105\365\040\336\106\160\206\241\274\223\323\036  
\164\246\154\260\054\367\003\014\210\014\313\324\162\123\206\274  
\140\106\363\230\152\302\361\277\103\371\160\040\167\312\067\101  
\171\125\122\143\215\133\022\237\305\150\304\210\235\254\362\060  
\253\267\243\061\227\147\255\217\027\017\154\307\163\355\044\224  
\153\310\203\232\320\232\067\111\004\253\261\026\310\154\111\111  
\055\253\241\320\214\222\362\101\112\171\041\045\333\143\327\266  
\234\247\176\102\151\373\072\143\002\003\001\000\001\243\143\060  
\141\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\035\006\003\125\035\016\004\026\004\024\334\056\037  
\321\141\067\171\344\253\325\325\263\022\161\150\075\152\150\234  
\042\060\037\006\003\125\035\043\004\030\060\026\200\024\334\056  
\037\321\141\067\171\344\253\325\325\263\022\161\150\075\152\150  
\234\042\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\003\202\002\001\000\221\360\102\002\150\100\356\303\150\300  
\124\057\337\354\142\303\303\236\212\240\061\050\252\203\216\244  
\126\226\022\020\206\126\272\227\162\322\124\060\174\255\031\325  
\035\150\157\373\024\102\330\215\016\363\265\321\245\343\002\102  
\136\334\350\106\130\007\065\002\060\340\274\164\112\301\103\052  
\377\333\032\320\260\257\154\303\375\313\263\365\177\155\003\056  
\131\126\235\055\055\065\214\262\326\103\027\054\222\012\313\135  
\350\214\017\113\160\103\320\202\377\250\314\277\244\224\300\276  
\207\275\212\343\223\173\306\217\233\026\235\047\145\274\172\305  
\102\202\154\134\007\320\251\301\210\140\104\351\230\205\026\137  
\370\217\312\001\020\316\045\303\371\140\033\240\305\227\303\323  
\054\210\061\242\275\060\354\320\320\300\022\361\301\071\343\345  
\365\370\326\112\335\064\315\373\157\301\117\343\000\213\126\342  
\222\367\050\262\102\167\162\043\147\307\077\021\025\262\304\003  
\005\276\273\021\173\012\277\250\156\347\377\130\103\317\233\147  
\240\200\007\266\035\312\255\155\352\101\021\176\055\164\223\373  
\302\274\276\121\104\305\357\150\045\047\200\343\310\240\324\022  
\354\331\245\067\035\067\174\264\221\312\332\324\261\226\201\357  
\150\134\166\020\111\257\176\245\067\200\261\034\122\275\063\201  
\114\217\371\335\145\331\024\315\212\045\130\364\342\305\203\245  
\011\220\324\154\024\143\265\100\337\353\300\374\304\130\176\015  
\024\026\207\124\047\156\126\344\160\204\270\154\062\022\176\202  
\061\103\276\327\335\174\241\255\256\326\253\040\022\357\012\303  
\020\214\111\226\065\334\013\165\136\261\117\325\117\064\016\021  
\040\007\165\103\105\351\243\021\332\254\243\231\302\266\171\047  
\342\271\357\310\342\366\065\051\172\164\372\305\177\202\005\142  
\246\012\352\150\262\171\107\006\156\362\127\250\025\063\306\367

```
\170\112\075\102\173\153\176\376\367\106\352\321\353\216\357\210
\150\133\350\301\331\161\176\375\144\357\377\147\107\210\130\045
\057\076\206\007\275\373\250\345\202\250\254\245\323\151\103\315
\061\210\111\204\123\222\300\261\071\033\071\203\001\060\304\362
\251\372\320\003\275\162\067\140\126\037\066\174\275\071\221\365
\155\015\277\173\327\222
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GLOBALTRUST 2020"
```

```
# Issuer: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
```

```
# Serial Number:5a:4b:bd:5a:fb:4f:8a:5b:fa:65:e5
```

```
# Subject: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
```

```
# Not Valid Before: Mon Feb 10 00:00:00 2020
```

```
# Not Valid After : Sun Jun 10 00:00:00 2040
```

```
# Fingerprint (SHA-256):
```

```
9A:29:6A:51:82:D1:D4:51:A2:E3:7F:43:9B:74:DA:AF:A2:67:52:33:29:F9:0F:9A:0D:20:07:C3:34:E2:3C:9A
```

```
# Fingerprint (SHA1): D0:67:C1:13:51:01:0C:AA:D0:C7:6A:65:37:31:16:26:4F:53:71:A2
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GLOBALTRUST 2020"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\320\147\301\023\121\001\014\252\320\307\152\145\067\061\026\046
\117\123\161\242
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\212\307\157\313\155\343\314\242\361\174\203\372\016\170\327\350
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\115\061\013\060\011\006\003\125\004\006\023\002\101\124\061
\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155
\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040
\107\155\142\110\061\031\060\027\006\003\125\004\003\023\020\107
\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\013\132\113\275\132\373\117\212\133\372\145\345
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```

# Certificate "ANF Secure Server Root CA"
#
# Issuer: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
# Serial Number:0d:d3:e3:bc:6c:f9:6b:b1
# Subject: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
# Not Valid Before: Wed Sep 04 10:00:38 2019
# Not Valid After : Tue Aug 30 10:00:38 2039
# Fingerprint (SHA-256):
FB:8F:EC:75:91:69:B9:10:6B:1E:51:16:44:C6:18:C5:13:04:37:3F:6C:06:43:08:8D:8B:EF:FD:1B:99:75:99
# Fingerprint (SHA1): 5B:6E:68:D0:CC:15:B6:A0:5F:1E:C1:5F:AE:02:FC:6B:2F:5D:6F:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANF Secure Server Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040
\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\015\323\343\274\154\371\153\261
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\357\060\202\003\327\240\003\002\001\002\002\010\015
\323\343\274\154\371\153\261\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\201\204\061\022\060\020\006\003\125

```

\004\005\023\011\107\066\063\062\070\067\065\061\060\061\013\060  
\011\006\003\125\004\006\023\002\105\123\061\047\060\045\006\003  
\125\004\012\023\036\101\116\106\040\101\165\164\157\162\151\144  
\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141\143  
\151\157\156\061\024\060\022\006\003\125\004\013\023\013\101\116  
\106\040\103\101\040\122\141\151\172\061\042\060\040\006\003\125  
\004\003\023\031\101\116\106\040\123\145\143\165\162\145\040\123  
\145\162\166\145\162\040\122\157\157\164\040\103\101\060\036\027  
\015\061\071\060\071\060\064\061\060\060\060\063\070\132\027\015  
\063\071\060\070\063\060\061\060\060\060\063\070\132\060\201\204  
\061\022\060\020\006\003\125\004\005\023\011\107\066\063\062\070  
\067\065\061\060\061\013\060\011\006\003\125\004\006\023\002\105  
\123\061\047\060\045\006\003\125\004\012\023\036\101\116\106\040  
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\156\061\024\060\022\006\003  
\125\004\013\023\013\101\116\106\040\103\101\040\122\141\151\172  
\061\042\060\040\006\003\125\004\003\023\031\101\116\106\040\123  
\145\143\165\162\145\040\123\145\162\166\145\162\040\122\157\157  
\164\040\103\101\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\333\353\153\053\346\144\124\225\202\220\243  
\162\244\031\001\235\234\013\201\137\163\111\272\247\254\363\004  
\116\173\226\013\354\021\340\133\246\034\316\033\322\015\203\034  
\053\270\236\035\176\105\062\140\017\007\351\167\130\176\237\152  
\310\141\116\266\046\301\114\215\377\114\357\064\262\037\145\330  
\271\170\365\255\251\161\271\357\117\130\035\245\336\164\040\227  
\241\355\150\114\336\222\027\113\274\253\377\145\232\236\373\107  
\331\127\162\363\011\241\256\166\104\023\156\234\055\104\071\274  
\371\307\073\244\130\075\101\275\264\302\111\243\310\015\322\227  
\057\007\145\122\000\247\156\310\257\150\354\364\024\226\266\127  
\037\126\303\071\237\053\155\344\363\076\366\065\144\332\014\034  
\241\204\113\057\113\113\342\054\044\235\155\223\100\353\265\043  
\216\062\312\157\105\323\250\211\173\036\317\036\372\133\103\213  
\315\315\250\017\152\312\014\136\271\236\107\217\360\331\266\012  
\013\130\145\027\063\271\043\344\167\031\175\313\112\056\222\173  
\117\057\020\167\261\215\057\150\234\142\314\340\120\370\354\221  
\247\124\114\127\011\325\166\143\305\350\145\036\356\155\152\317  
\011\235\372\174\117\255\140\010\375\126\231\017\025\054\173\251  
\200\253\214\141\217\112\007\166\102\336\075\364\335\262\044\063  
\133\270\265\243\104\311\254\177\167\074\035\043\354\202\251\246  
\342\310\006\114\002\376\254\134\231\231\013\057\020\212\246\364  
\177\325\207\164\015\131\111\105\366\360\161\134\071\051\326\277  
\112\043\213\365\137\001\143\322\207\163\050\265\113\012\365\370  
\253\202\054\176\163\045\062\035\013\143\012\027\201\000\377\266  
\166\136\347\264\261\100\312\041\273\325\200\121\345\110\122\147  
\054\322\141\211\007\015\017\316\102\167\300\104\163\234\104\120  
\240\333\020\012\055\225\034\201\257\344\034\345\024\036\361\066  
\101\001\002\057\175\163\247\336\102\314\114\351\211\015\126\367

\237\221\324\003\306\154\311\217\333\330\034\340\100\230\135\146  
\231\230\200\156\055\377\001\305\316\313\106\037\254\002\306\103  
\346\256\242\204\074\305\116\036\075\155\311\024\114\343\056\101  
\273\312\071\277\066\074\052\031\252\101\207\116\245\316\113\062  
\171\335\220\111\177\002\003\001\000\001\243\143\060\141\060\037  
\006\003\125\035\043\004\030\060\026\200\024\234\137\320\154\143  
\243\137\223\312\223\230\010\255\214\207\245\054\134\301\067\060  
\035\006\003\125\035\016\004\026\004\024\234\137\320\154\143\243  
\137\223\312\223\230\010\255\214\207\245\054\134\301\067\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\002\001\000\116\036\271\212\306\240\230\077\156\303\151\300\152  
\134\111\122\254\313\053\135\170\070\301\325\124\204\237\223\360  
\207\031\075\054\146\211\353\015\102\374\314\360\165\205\077\213  
\364\200\135\171\345\027\147\275\065\202\342\362\074\216\175\133  
\066\313\132\200\000\051\362\316\053\054\361\217\252\155\005\223  
\154\162\307\126\353\337\120\043\050\345\105\020\075\350\147\243  
\257\016\125\017\220\011\142\357\113\131\242\366\123\361\300\065  
\344\057\301\044\275\171\057\116\040\042\073\375\032\040\260\244  
\016\054\160\355\164\077\270\023\225\006\121\310\350\207\046\312  
\244\133\152\026\041\222\335\163\140\236\020\030\336\074\201\352  
\350\030\303\174\211\362\213\120\076\275\021\342\025\003\250\066  
\175\063\001\154\110\025\327\210\220\231\004\305\314\346\007\364  
\274\364\220\355\023\342\352\213\303\217\243\063\017\301\051\114  
\023\116\332\025\126\161\163\162\202\120\366\232\063\174\242\261  
\250\032\064\164\145\134\316\321\353\253\123\340\032\200\330\352  
\072\111\344\046\060\233\345\034\212\250\251\025\062\206\231\222  
\012\020\043\126\022\340\366\316\114\342\273\276\333\215\222\163  
\001\146\057\142\076\262\162\047\105\066\355\115\126\343\227\231  
\377\072\065\076\245\124\112\122\131\113\140\333\356\376\170\021  
\177\112\334\024\171\140\266\153\144\003\333\025\203\341\242\276  
\366\043\227\120\360\011\063\066\247\161\226\045\363\271\102\175  
\333\070\077\054\130\254\350\102\341\016\330\323\073\114\056\202  
\351\203\056\153\061\331\335\107\206\117\155\227\221\056\117\342  
\050\161\065\026\321\362\163\376\045\053\007\107\044\143\047\310  
\370\366\331\153\374\022\061\126\010\300\123\102\257\234\320\063  
\176\374\006\360\061\104\003\024\361\130\352\362\152\015\251\021  
\262\203\276\305\032\277\007\352\131\334\243\210\065\357\234\166  
\062\074\115\006\042\316\025\345\335\236\330\217\332\336\322\304  
\071\345\027\201\317\070\107\353\177\210\155\131\033\337\237\102  
\024\256\176\317\250\260\146\145\332\067\257\237\252\075\352\050  
\266\336\325\061\130\026\202\133\352\273\031\165\002\163\032\312  
\110\032\041\223\220\012\216\223\204\247\175\073\043\030\222\211  
\240\215\254

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "ANF Secure Server Root CA"

# Issuer: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de  
Certificacion,C=ES,serialNumber=G63287510

# Serial Number:0d:d3:e3:bc:6c:f9:6b:b1

# Subject: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de  
Certificacion,C=ES,serialNumber=G63287510

# Not Valid Before: Wed Sep 04 10:00:38 2019

# Not Valid After : Tue Aug 30 10:00:38 2039

# Fingerprint (SHA-256):

FB:8F:EC:75:91:69:B9:10:6B:1E:51:16:44:C6:18:C5:13:04:37:3F:6C:06:43:08:8D:8B:EF:FD:1B:99:75:99

# Fingerprint (SHA1): 5B:6E:68:D0:CC:15:B6:A0:5F:1E:C1:5F:AE:02:FC:6B:2F:5D:6F:74

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ANF Secure Server Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\133\156\150\320\314\025\266\240\137\036\301\137\256\002\374\153  
\057\135\157\164

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\046\246\104\132\331\257\116\057\262\035\266\145\260\116\350\226

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066  
\063\062\070\067\065\061\060\061\013\060\011\006\003\125\004\006  
\023\002\105\123\061\047\060\045\006\003\125\004\012\023\036\101  
\116\106\040\101\165\164\157\162\151\144\141\144\040\144\145\040  
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\024\060  
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122  
\141\151\172\061\042\060\040\006\003\125\004\003\023\031\101\116  
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040  
\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\015\323\343\274\154\371\153\261

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Certum EC-384 CA"

#

# Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

```
# Serial Number:78:8f:27:5c:81:12:52:20:a5:04:d0:2d:dd:ba:73:f4
# Subject: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Mon Mar 26 07:24:54 2018
# Not Valid After : Thu Mar 26 07:24:54 2043
# Fingerprint (SHA-256):
6B:32:80:85:62:53:18:AA:50:D1:73:C9:8D:8B:DA:09:D5:7E:27:41:3D:11:4C:F7:87:A0:F5:D0:6C:03:0C:F6
# Fingerprint (SHA1): F3:3E:78:3C:AC:DF:F4:A2:CC:AC:67:55:69:56:D7:E5:16:3C:E1:ED
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum EC-384 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\170\217\047\134\201\022\122\040\245\004\320\055\335\272
\163\364
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\145\060\202\001\353\240\003\002\001\002\002\020\170
\217\047\134\201\022\122\040\245\004\320\055\335\272\163\364\060
\012\006\010\052\206\110\316\075\004\003\003\060\164\061\013\060
\011\006\003\125\004\006\023\002\120\114\061\041\060\037\006\003
\125\004\012\023\030\101\163\163\145\143\157\040\104\141\164\141
\040\123\171\163\164\145\155\163\040\123\056\101\056\061\047\060
\045\006\003\125\004\013\023\036\103\145\162\164\165\155\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\061\031\060\027\006\003\125\004\003\023
```

\020\103\145\162\164\165\155\040\105\103\055\063\070\064\040\103  
\101\060\036\027\015\061\070\060\063\062\066\060\067\062\064\065  
\064\132\027\015\064\063\060\063\062\066\060\067\062\064\065\064  
\132\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143  
\157\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123  
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145  
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027  
\006\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103  
\055\063\070\064\040\103\101\060\166\060\020\006\007\052\206\110  
\316\075\002\001\006\005\053\201\004\000\042\003\142\000\004\304  
\050\216\253\030\133\152\276\156\144\067\143\344\315\354\253\072  
\367\314\241\270\016\202\111\327\206\051\237\241\224\362\343\140  
\170\230\201\170\006\115\362\354\232\016\127\140\203\237\264\346  
\027\057\032\263\135\002\133\211\043\074\302\021\005\052\247\210  
\023\030\363\120\204\327\275\064\054\047\211\125\377\316\114\347  
\337\246\037\050\304\360\124\303\271\174\267\123\255\353\302\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\215  
\006\146\164\044\166\072\363\211\367\274\326\275\107\175\057\274  
\020\137\113\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\012\006\010\052\206\110\316\075\004\003\003\003  
\150\000\060\145\002\060\003\125\055\246\346\030\304\174\357\311  
\120\156\301\047\017\234\207\257\156\325\033\010\030\275\222\051  
\301\357\224\221\170\322\072\034\125\211\142\345\033\011\036\272  
\144\153\361\166\264\324\002\061\000\264\102\204\231\377\253\347  
\236\373\221\227\047\135\334\260\133\060\161\316\136\070\032\152  
\331\045\347\352\367\141\222\126\370\352\332\066\302\207\145\226  
\056\162\045\057\177\337\303\023\311

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Certum EC-384 CA"

# Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

# Serial Number: 78:8f:27:5c:81:12:52:20:a5:04:d0:2d:dd:ba:73:f4

# Subject: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL

# Not Valid Before: Mon Mar 26 07:24:54 2018

# Not Valid After : Thu Mar 26 07:24:54 2043

# Fingerprint (SHA-256):

6B:32:80:85:62:53:18:AA:50:D1:73:C9:8D:8B:DA:09:D5:7E:27:41:3D:11:4C:F7:87:A0:F5:D0:6C:03:0C:F6

# Fingerprint (SHA1): F3:3E:78:3C:AC:DF:F4:A2:CC:AC:67:55:69:56:D7:E5:16:3C:E1:ED

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE



```

CKA_LABEL UTF8 "Certum EC-384 CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\363\076\170\074\254\337\364\242\314\254\147\125\151\126\327\345
\026\074\341\355
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\266\145\263\226\140\227\022\241\354\116\341\075\243\306\311\361
END
CKA_ISSUER MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\031\060\027\006
\003\125\004\003\023\020\103\145\162\164\165\155\040\105\103\055
\063\070\064\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\170\217\047\134\201\022\122\040\245\004\320\055\335\272
\163\364
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certum Trusted Root CA"
#
# Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Serial Number: 1e:bf:59:50:b8:c9:80:37:4c:06:f7:eb:55:4f:b5:ed
# Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Fri Mar 16 12:10:13 2018
# Not Valid After : Mon Mar 16 12:10:13 2043
# Fingerprint (SHA-256):
FE:76:96:57:38:55:77:3E:37:A9:5E:7A:D4:D9:CC:96:C3:01:57:C1:5D:31:76:5B:A9:B1:57:04:E1:AE:78:FD
# Fingerprint (SHA1): C8:83:44:C0:18:AE:9F:CC:F1:87:B7:8F:22:D1:C5:D7:45:84:BA:E5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056

```

\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162  
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006  
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165  
\163\164\145\144\040\122\157\157\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157  
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056  
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162  
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006  
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165  
\163\164\145\144\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\036\277\131\120\270\311\200\067\114\006\367\353\125\117  
\265\355

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\300\060\202\003\250\240\003\002\001\002\002\020\036  
\277\131\120\270\311\200\067\114\006\367\353\125\117\265\355\060  
\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\172  
\061\013\060\011\006\003\125\004\006\023\002\120\114\061\041\060  
\037\006\003\125\004\012\023\030\101\163\163\145\143\157\040\104  
\141\164\141\040\123\171\163\164\145\155\163\040\123\056\101\056  
\061\047\060\045\006\003\125\004\013\023\036\103\145\162\164\165  
\155\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\061\037\060\035\006\003\125  
\004\003\023\026\103\145\162\164\165\155\040\124\162\165\163\164  
\145\144\040\122\157\157\164\040\103\101\060\036\027\015\061\070  
\060\063\061\066\061\062\061\060\061\063\132\027\015\064\063\060  
\063\061\066\061\062\061\060\061\063\132\060\172\061\013\060\011  
\006\003\125\004\006\023\002\120\114\061\041\060\037\006\003\125  
\004\012\023\030\101\163\163\145\143\157\040\104\141\164\141\040  
\123\171\163\164\145\155\163\040\123\056\101\056\061\047\060\045  
\006\003\125\004\013\023\036\103\145\162\164\165\155\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171\061\037\060\035\006\003\125\004\003\023\026  
\103\145\162\164\165\155\040\124\162\165\163\164\145\144\040\122  
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\321\055\216\273\267\066\352\155\067  
\221\237\116\223\247\005\344\051\003\045\316\034\202\367\174\231  
\237\101\006\315\355\243\272\300\333\011\054\301\174\337\051\176  
\113\145\057\223\247\324\001\153\003\050\030\243\330\235\005\301

\052\330\105\361\221\336\337\073\320\200\002\214\317\070\017\352  
\247\134\170\021\244\301\310\205\134\045\323\323\262\347\045\317  
\021\124\227\253\065\300\036\166\034\357\000\123\237\071\334\024  
\245\054\042\045\263\162\162\374\215\263\345\076\010\036\024\052  
\067\013\210\074\312\260\364\310\302\241\256\274\301\276\051\147  
\125\342\374\255\131\134\376\275\127\054\260\220\215\302\355\067  
\266\174\231\210\265\325\003\232\075\025\015\075\072\250\250\105  
\360\225\116\045\131\035\315\230\151\273\323\314\062\311\215\357  
\201\376\255\175\211\273\272\140\023\312\145\225\147\240\363\031  
\366\003\126\324\152\323\047\342\241\255\203\360\112\022\042\167  
\034\005\163\342\031\161\102\300\354\165\106\232\220\130\340\152  
\216\053\245\106\060\004\216\031\262\027\343\276\251\272\177\126  
\361\044\003\327\262\041\050\166\016\066\060\114\171\325\101\232  
\232\250\270\065\272\014\072\362\104\033\040\210\367\305\045\327  
\075\306\343\076\103\335\207\376\304\352\365\123\076\114\145\377  
\073\112\313\170\132\153\027\137\015\307\303\117\116\232\052\242  
\355\127\115\042\342\106\232\077\017\221\064\044\175\125\343\214  
\225\067\323\032\360\011\053\054\322\311\215\264\015\000\253\147  
\051\050\330\001\365\031\004\266\035\276\166\376\162\134\304\205  
\312\322\200\101\337\005\250\243\325\204\220\117\013\363\340\077  
\233\031\322\067\211\077\362\173\122\034\214\366\341\367\074\007  
\227\214\016\242\131\201\014\262\220\075\323\343\131\106\355\017  
\251\247\336\200\153\132\252\007\266\031\313\274\127\363\227\041  
\172\014\261\053\164\076\353\332\247\147\055\114\304\230\236\066  
\011\166\146\146\374\032\077\352\110\124\034\276\060\275\200\120  
\277\174\265\316\000\366\014\141\331\347\044\003\340\343\001\201  
\016\275\330\205\064\210\275\262\066\250\173\134\010\345\104\200  
\214\157\370\057\325\041\312\035\034\320\373\304\265\207\321\072  
\116\307\166\265\065\110\265\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\214\373\034\165  
\274\002\323\237\116\056\110\331\371\140\124\252\304\263\117\372  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\015\006\011\052\206\110\206\367\015\001\001\015\005\000\003  
\202\002\001\000\110\242\325\000\013\056\320\077\274\034\325\265  
\124\111\036\132\153\364\344\362\340\100\067\340\314\024\173\271  
\311\372\065\265\165\027\223\152\005\151\205\234\315\117\031\170  
\133\031\201\363\143\076\303\316\133\217\365\057\136\001\166\023  
\077\054\000\271\315\226\122\071\111\155\004\116\305\351\017\206  
\015\341\372\263\137\202\022\361\072\316\146\006\044\064\053\350  
\314\312\347\151\334\207\235\302\064\327\171\321\323\167\270\252  
\131\130\376\235\046\372\070\206\076\235\212\207\144\127\345\027  
\072\342\371\215\271\343\063\170\301\220\330\270\335\267\203\121  
\344\304\314\043\325\006\174\346\121\323\315\064\061\300\366\106  
\273\013\255\374\075\020\005\052\073\112\221\045\356\214\324\204  
\207\200\052\274\011\214\252\072\023\137\350\064\171\120\301\020  
\031\371\323\050\036\324\321\121\060\051\263\256\220\147\326\037  
\012\143\261\305\251\306\102\061\143\027\224\357\151\313\057\372

```
\214\024\175\304\103\030\211\331\360\062\100\346\200\342\106\137
\345\343\301\000\131\250\371\350\040\274\211\054\016\107\064\013
\352\127\302\123\066\374\247\324\257\061\315\376\002\345\165\372
\271\047\011\371\363\365\073\312\175\237\251\042\313\210\311\252
\321\107\075\066\167\250\131\144\153\047\317\357\047\301\343\044
\265\206\367\256\176\062\115\260\171\150\321\071\350\220\130\303
\203\274\017\054\326\227\353\316\014\341\040\307\332\267\076\303
\077\277\057\334\064\244\373\053\041\315\147\217\113\364\343\352
\324\077\347\117\272\271\245\223\105\034\146\037\041\372\144\136
\157\340\166\224\062\313\165\365\156\345\366\217\307\270\244\314
\250\226\175\144\373\044\132\112\003\154\153\070\306\350\003\103
\232\367\127\271\263\051\151\223\070\364\003\362\273\373\202\153
\007\040\321\122\037\232\144\002\173\230\146\333\134\115\132\017
\320\204\225\240\074\024\103\006\312\312\333\270\101\066\332\152
\104\147\207\257\257\343\105\021\025\151\010\262\276\026\071\227
\044\157\022\105\321\147\135\011\250\311\025\332\372\322\246\137
\023\141\037\277\205\254\264\255\255\005\224\010\203\036\165\027
\323\161\073\223\120\043\131\240\355\074\221\124\235\166\000\305
\303\270\070\333
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Certum Trusted Root CA"
```

```
# Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
```

```
# Serial Number: 1e:bf:59:50:b8:c9:80:37:4c:06:f7:eb:55:4f:b5:ed
```

```
# Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
```

```
# Not Valid Before: Fri Mar 16 12:10:13 2018
```

```
# Not Valid After : Mon Mar 16 12:10:13 2043
```

```
# Fingerprint (SHA-256):
```

```
FE:76:96:57:38:55:77:3E:37:A9:5E:7A:D4:D9:CC:96:C3:01:57:C1:5D:31:76:5B:A9:B1:57:04:E1:AE:78:FD
```

```
# Fingerprint (SHA1): C8:83:44:C0:18:AE:9F:CC:F1:87:B7:8F:22:D1:C5:D7:45:84:BA:E5
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certum Trusted Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\310\203\104\300\030\256\237\314\361\207\267\217\042\321\305\327
\105\204\272\345
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\121\341\302\347\376\114\204\257\131\016\057\364\124\157\352\051
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\172\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
```

```
\040\104\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\165\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\036\277\131\120\270\311\200\067\114\006\367\353\125\117
\265\355
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "TunTrust Root CA"

#

# Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN

# Serial Number:13:02:d5:e2:40:4c:92:46:86:16:67:5d:b4:bb:bb:b2:6b:3e:fc:13

# Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN

# Not Valid Before: Fri Apr 26 08:57:56 2019

# Not Valid After : Tue Apr 26 08:57:56 2044

# Fingerprint (SHA-256):

2E:44:10:2A:B5:8C:B8:54:19:45:1C:8E:19:D9:AC:F3:66:2C:AF:BC:61:4B:6A:53:96:0A:30:F7:D0:E2:EB:41

# Fingerprint (SHA1): CF:E9:70:84:0F:E0:73:0F:9D:F6:0C:7F:2C:4B:EE:20:46:34:9C:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TunTrust Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164
\040\103\101
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
```

\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004  
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164  
\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\023\002\325\342\100\114\222\106\206\026\147\135\264\273  
\273\262\153\076\374\023

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\263\060\202\003\233\240\003\002\001\002\002\024\023  
\002\325\342\100\114\222\106\206\026\147\135\264\273\273\262\153  
\076\374\023\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\141\061\013\060\011\006\003\125\004\006\023\002\124  
\116\061\067\060\065\006\003\125\004\012\014\056\101\147\145\156  
\143\145\040\116\141\164\151\157\156\141\154\145\040\144\145\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\105\154  
\145\143\164\162\157\156\151\161\165\145\061\031\060\027\006\003  
\125\004\003\014\020\124\165\156\124\162\165\163\164\040\122\157  
\157\164\040\103\101\060\036\027\015\061\071\060\064\062\066\060  
\070\065\067\065\066\132\027\015\064\064\060\064\062\066\060\070  
\065\067\065\066\132\060\141\061\013\060\011\006\003\125\004\006  
\023\002\124\116\061\067\060\065\006\003\125\004\012\014\056\101  
\147\145\156\143\145\040\116\141\164\151\157\156\141\154\145\040  
\144\145\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\105\154\145\143\164\162\157\156\151\161\165\145\061\031\060  
\027\006\003\125\004\003\014\020\124\165\156\124\162\165\163\164  
\040\122\157\157\164\040\103\101\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\303\315\323\374\275\004\123  
\335\014\040\072\325\210\056\005\113\101\365\203\202\176\367\131  
\237\236\236\143\350\163\332\366\006\251\117\037\264\371\013\037  
\071\214\232\040\320\176\006\324\354\064\331\206\274\165\133\207  
\210\360\322\331\324\243\012\262\154\033\353\111\054\076\254\135  
\330\224\003\240\354\064\345\060\304\065\175\373\046\115\033\156  
\060\124\330\365\200\105\234\071\255\234\311\045\004\115\232\220  
\076\116\100\156\212\153\315\051\147\306\314\055\340\164\350\005  
\127\012\110\120\372\172\103\332\176\354\133\232\016\142\166\376  
\352\235\035\205\162\354\021\273\065\350\037\047\277\301\241\307  
\273\110\026\335\126\327\314\116\240\341\271\254\333\325\203\031  
\032\205\321\224\227\327\312\243\145\013\363\070\371\002\256\335  
\366\147\317\311\077\365\212\054\107\032\231\157\005\015\375\320  
\035\202\061\374\051\314\000\130\227\221\114\200\000\034\063\205  
\226\057\313\101\302\213\020\204\303\011\044\211\037\265\017\331  
\331\167\107\030\222\224\140\134\307\231\003\074\376\367\225\247  
\175\120\241\200\302\251\203\255\130\226\125\041\333\206\131\324  
\257\306\274\335\201\156\007\333\140\142\376\354\020\156\332\150  
\001\364\203\033\251\076\242\133\043\327\144\306\337\334\242\175  
\330\113\272\202\322\121\370\146\277\006\106\344\171\052\046\066

\171\217\037\116\231\035\262\217\014\016\034\377\311\135\300\375  
\220\020\246\261\067\363\315\072\044\156\264\205\220\277\200\271  
\014\214\325\233\326\310\361\126\077\032\200\211\172\251\342\033  
\062\121\054\076\362\337\173\366\135\172\051\031\216\345\310\275  
\066\161\213\135\114\302\035\077\255\130\242\317\075\160\115\246  
\120\230\045\334\043\371\270\130\101\010\161\277\117\270\204\240  
\217\000\124\025\374\221\155\130\247\226\073\353\113\226\047\315  
\153\242\241\206\254\015\174\124\346\146\114\146\137\220\276\041  
\232\002\106\055\344\203\302\200\271\317\113\076\350\177\074\001  
\354\217\136\315\177\322\050\102\001\225\212\342\227\075\020\041  
\175\366\235\034\305\064\241\354\054\016\012\122\054\022\125\160  
\044\075\313\302\024\065\103\135\047\116\276\300\275\252\174\226  
\347\374\236\141\255\104\323\000\227\002\003\001\000\001\243\143  
\060\141\060\035\006\003\125\035\016\004\026\004\024\006\232\233  
\037\123\175\361\365\244\310\323\206\076\241\163\131\264\367\104  
\041\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\037\006\003\125\035\043\004\030\060\026\200\024\006  
\232\233\037\123\175\361\365\244\310\323\206\076\241\163\131\264  
\367\104\041\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\002\001\000\252\005\156\266\335\025\311\277\263  
\306\040\366\006\107\260\206\223\045\323\215\271\310\000\077\227  
\365\122\047\210\161\311\164\375\353\312\144\333\133\357\036\135  
\272\277\321\353\356\134\151\272\026\310\363\271\217\323\066\056  
\100\111\007\015\131\336\213\020\260\111\005\342\377\221\077\113  
\267\335\002\216\370\201\050\134\314\334\155\257\137\024\234\175  
\130\170\015\366\200\011\271\351\016\227\051\031\270\267\353\370  
\026\313\125\022\344\306\175\273\304\354\370\265\034\116\076\147  
\277\305\137\033\155\155\107\050\252\004\130\141\326\166\277\042  
\177\320\007\152\247\144\123\360\227\215\235\200\077\273\301\007  
\333\145\257\346\233\062\232\303\124\223\304\034\010\303\104\373  
\173\143\021\103\321\152\032\141\152\171\155\220\117\051\216\107  
\005\301\022\151\151\326\306\066\061\341\374\372\200\272\134\117  
\304\353\267\062\254\370\165\141\027\327\020\031\271\361\322\011  
\357\172\102\235\133\132\013\324\306\225\116\052\316\377\007\327  
\117\176\030\006\210\361\031\265\331\230\273\256\161\304\034\347  
\164\131\130\357\014\211\317\213\037\165\223\032\004\024\222\110  
\120\251\353\127\051\000\026\343\066\034\310\370\277\360\063\325  
\101\017\304\314\074\335\351\063\103\001\221\020\053\036\321\271  
\135\315\062\031\213\217\214\040\167\327\042\304\102\334\204\026  
\233\045\155\350\264\125\161\177\260\174\263\323\161\111\271\317  
\122\244\004\077\334\075\240\273\257\063\236\012\060\140\216\333  
\235\135\224\250\275\140\347\142\200\166\201\203\014\214\314\060  
\106\111\342\014\322\250\257\353\141\161\357\347\042\142\251\367  
\134\144\154\237\026\214\147\066\047\105\365\011\173\277\366\020  
\012\361\260\215\124\103\214\004\272\243\077\357\342\065\307\371  
\164\340\157\064\101\320\277\163\145\127\040\371\233\147\172\146  
\150\044\116\200\145\275\020\231\006\131\362\145\257\270\306\107

```
\273\375\220\170\213\101\163\056\257\125\037\334\073\222\162\156
\204\323\320\141\114\015\314\166\127\342\055\205\042\025\066\015
\353\001\235\353\330\353\304\204\231\373\300\014\314\062\350\343
\167\332\203\104\213\236\125\050\300\213\130\323\220\076\116\033
\000\361\025\255\203\053\232
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "TunTrust Root CA"

# Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN

# Serial Number:13:02:d5:e2:40:4c:92:46:86:16:67:5d:b4:bb:bb:b2:6b:3e:fc:13

# Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN

# Not Valid Before: Fri Apr 26 08:57:56 2019

# Not Valid After : Tue Apr 26 08:57:56 2044

# Fingerprint (SHA-256):

2E:44:10:2A:B5:8C:B8:54:19:45:1C:8E:19:D9:AC:F3:66:2C:AF:BC:61:4B:6A:53:96:0A:30:F7:D0:E2:EB:41

# Fingerprint (SHA1): CF:E9:70:84:0F:E0:73:0F:9D:F6:0C:7F:2C:4B:EE:20:46:34:9C:BB

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TunTrust Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\317\351\160\204\017\340\163\017\235\366\014\177\054\113\356\040
\106\064\234\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\205\023\271\220\133\066\134\266\136\270\132\370\340\061\127\264
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\124\116\061
\067\060\065\006\003\125\004\012\014\056\101\147\145\156\143\145
\040\116\141\164\151\157\156\141\154\145\040\144\145\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\105\154\145\143
\164\162\157\156\151\161\165\145\061\031\060\027\006\003\125\004
\003\014\020\124\165\156\124\162\165\163\164\040\122\157\157\164
\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\024\023\002\325\342\100\114\222\106\206\026\147\135\264\273
\273\262\153\076\374\023
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```



```

#
# Certificate "HARICA TLS RSA Root CA 2021"
#
# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:39:ca:93:1c:ef:43:f3:c6:8e:93:c7:f4:64:89:38:7e
# Subject: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 10:55:38 2021
# Not Valid After : Mon Feb 13 10:55:37 2045
# Fingerprint (SHA-256):
D9:5D:0E:8E:DA:79:52:5B:F9:BE:B1:1B:14:D2:10:0D:32:94:98:5F:0C:62:D9:FA:BD:9C:D9:99:EC:CB:7B:1D
# Fingerprint (SHA1): 02:2D:05:82:FA:88:CE:14:0C:06:79:DE:7F:14:10:E9:45:D7:A5:6D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS RSA Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\071\312\223\034\357\103\363\306\216\223\307\364\144\211
\070\176
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\244\060\202\003\214\240\003\002\001\002\002\020\071
\312\223\034\357\103\363\306\216\223\307\364\144\211\070\176\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\154
\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067\060
\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151\143
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145

```

\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151  
\157\156\163\040\103\101\061\044\060\042\006\003\125\004\003\014  
\033\110\101\122\111\103\101\040\124\114\123\040\122\123\101\040  
\122\157\157\164\040\103\101\040\062\060\062\061\060\036\027\015  
\062\061\060\062\061\071\061\060\065\065\063\070\132\027\015\064  
\065\060\062\061\063\061\060\065\065\063\067\132\060\154\061\013  
\060\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006  
\003\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101  
\143\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145  
\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156  
\163\040\103\101\061\044\060\042\006\003\125\004\003\014\033\110  
\101\122\111\103\101\040\124\114\123\040\122\123\101\040\122\157  
\157\164\040\103\101\040\062\060\062\061\060\202\002\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002  
\017\000\060\202\002\012\002\202\002\001\000\213\302\347\257\145  
\233\005\147\226\311\015\044\271\320\016\144\374\316\342\044\030  
\054\204\177\167\121\313\004\021\066\270\136\355\151\161\247\236  
\344\045\011\227\147\301\107\302\317\221\026\066\142\075\070\004  
\341\121\202\377\254\322\264\151\335\056\354\021\243\105\356\153  
\153\073\114\277\214\215\244\036\235\021\271\351\070\371\172\016  
\014\230\342\043\035\321\116\143\324\347\270\101\104\373\153\257  
\153\332\037\323\305\221\210\133\244\211\222\321\201\346\214\071  
\130\240\326\151\103\251\255\230\122\130\156\333\012\373\153\317  
\150\372\343\244\136\072\105\163\230\007\352\137\002\162\336\014  
\245\263\237\256\251\035\267\035\263\374\212\131\347\156\162\145  
\255\365\060\224\043\007\363\202\026\113\065\230\234\123\273\057  
\312\344\132\331\307\215\035\374\230\231\373\054\244\202\153\360  
\052\037\216\013\137\161\134\134\256\102\173\051\211\201\313\003  
\243\231\312\210\236\013\100\011\101\063\333\346\130\172\375\256  
\231\160\300\132\017\326\023\206\161\057\166\151\374\220\335\333  
\055\156\321\362\233\365\032\153\236\157\025\214\172\360\113\050  
\240\042\070\200\044\154\066\244\073\362\060\221\363\170\023\317  
\301\077\065\253\361\035\021\043\265\103\042\236\001\222\267\030  
\002\345\021\321\202\333\025\000\314\141\067\301\052\174\232\341  
\320\272\263\120\106\356\202\254\235\061\370\373\043\342\003\000  
\110\160\243\011\046\171\025\123\140\363\070\134\255\070\352\201  
\000\143\024\271\063\136\335\013\333\240\105\007\032\063\011\370  
\115\264\247\002\246\151\364\302\131\005\210\145\205\126\256\113  
\313\340\336\074\175\055\032\310\351\373\037\243\141\112\326\052  
\023\255\167\114\032\030\233\221\017\130\330\006\124\305\227\370  
\252\077\040\212\246\205\246\167\366\246\374\034\342\356\156\224  
\063\052\203\120\204\012\345\117\206\370\120\105\170\000\201\353  
\133\150\343\046\215\314\173\134\121\364\024\054\100\276\032\140  
\035\172\162\141\035\037\143\055\210\252\316\242\105\220\010\374  
\153\276\263\120\052\132\375\250\110\030\106\326\220\100\222\220  
\012\204\136\150\061\370\353\355\015\323\035\306\175\231\030\125  
\126\047\145\056\215\105\305\044\354\316\343\002\003\001\000\001  
\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005

\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\012\110\043\246\140\244\222\012\063\352\223\133\305\127\352\045  
\115\275\022\356\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\206\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\002\001\000\076\220\110\252\156\142\025\045  
\146\173\014\325\214\213\211\235\327\355\116\007\357\234\320\024  
\137\136\120\275\150\226\220\244\024\021\252\150\155\011\065\071  
\100\011\332\364\011\054\064\245\173\131\204\111\051\227\164\310  
\007\036\107\155\362\316\034\120\046\343\236\075\100\123\077\367  
\177\226\166\020\305\106\245\320\040\113\120\364\065\073\030\364  
\125\152\101\033\107\006\150\074\273\011\010\142\331\137\125\102  
\252\254\123\205\254\225\126\066\126\253\344\005\214\305\250\332  
\037\243\151\275\123\017\304\377\334\312\343\176\362\114\210\206  
\107\106\032\363\000\365\200\221\242\334\103\102\224\233\040\360  
\321\315\262\353\054\123\302\123\170\112\117\004\224\101\232\217  
\047\062\301\345\111\031\277\361\362\302\213\250\012\071\061\050  
\264\175\142\066\054\115\354\037\063\266\176\167\155\176\120\360  
\237\016\327\021\217\317\030\305\343\047\376\046\357\005\235\317  
\317\067\305\320\173\332\073\260\026\204\014\072\223\326\276\027  
\333\017\076\016\031\170\011\307\251\002\162\042\113\367\067\166  
\272\165\304\205\003\132\143\325\261\165\005\302\271\275\224\255  
\214\025\231\247\223\175\366\305\363\252\164\317\004\205\224\230  
\000\364\342\371\312\044\145\277\340\142\257\310\305\372\262\311  
\236\126\110\332\171\375\226\166\025\276\243\216\126\304\263\064  
\374\276\107\364\301\264\250\374\325\060\210\150\356\313\256\311  
\143\304\166\276\254\070\030\341\136\134\317\256\072\042\121\353  
\321\213\263\363\053\063\007\124\207\372\264\262\023\173\272\123  
\004\142\001\235\361\300\117\356\341\072\324\213\040\020\372\002  
\127\346\357\301\013\267\220\106\234\031\051\214\334\157\240\112  
\151\151\224\267\044\145\240\377\254\077\316\001\373\041\056\375  
\150\370\233\362\245\317\061\070\134\025\252\346\227\000\301\337  
\132\245\247\071\252\351\204\177\074\121\250\072\331\224\133\214  
\277\117\010\161\345\333\250\134\324\322\246\376\000\243\306\026  
\307\017\350\200\316\034\050\144\164\031\010\323\102\343\316\000  
\135\177\261\334\023\260\341\005\313\321\040\252\206\164\236\071  
\347\221\375\377\133\326\367\255\246\057\003\013\155\343\127\124  
\353\166\123\030\215\021\230\272

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "HARICA TLS RSA Root CA 2021"

# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

# Serial Number:39:ca:93:1c:ef:43:f3:c6:8e:93:c7:f4:64:89:38:7e

# Subject: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

# Not Valid Before: Fri Feb 19 10:55:38 2021

# Not Valid After : Mon Feb 13 10:55:37 2045

```

# Fingerprint (SHA-256):
D9:5D:0E:8E:DA:79:52:5B:F9:BE:B1:1B:14:D2:10:0D:32:94:98:5F:0C:62:D9:FA:BD:9C:D9:99:EC:CB:7B:1D
# Fingerprint (SHA1): 02:2D:05:82:FA:88:CE:14:0C:06:79:DE:7F:14:10:E9:45:D7:A5:6D
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS RSA Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\002\055\005\202\372\210\316\024\014\006\171\336\177\024\020\351
\105\327\245\155
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\145\107\233\130\206\335\054\360\374\242\204\037\036\226\304\221
END
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\071\312\223\034\357\103\363\306\216\223\307\364\144\211
\070\176
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HARICA TLS ECC Root CA 2021"
#
# Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:67:74:9d:8d:77:d8:3b:6a:db:22:f4:ff:59:e2:bf:ce
# Subject: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:01:10 2021
# Not Valid After : Mon Feb 13 11:01:09 2045
# Fingerprint (SHA-256):
3F:99:CC:47:4A:CF:CE:4D:FE:D5:87:94:66:5E:47:8D:15:47:73:9F:2E:78:0F:1B:B4:CA:9B:13:30:97:D4:01
# Fingerprint (SHA1): BC:B0:C1:9D:E9:98:92:70:19:38:57:E9:8D:A7:B4:5D:6E:EE:01:48
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

CKA\_LABEL UTF8 "HARICA TLS ECC Root CA 2021"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061  
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156  
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040  
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165  
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004  
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103  
\103\040\122\157\157\164\040\103\101\040\062\060\062\061  
END

CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061  
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156  
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040  
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165  
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004  
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103  
\103\040\122\157\157\164\040\103\101\040\062\060\062\061  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\147\164\235\215\167\330\073\152\333\042\364\377\131\342  
\277\316  
END

CKA\_VALUE MULTILINE\_OCTAL  
\060\202\002\124\060\202\001\333\240\003\002\001\002\002\020\147  
\164\235\215\167\330\073\152\333\042\364\377\131\342\277\316\060  
\012\006\010\052\206\110\316\075\004\003\003\060\154\061\013\060  
\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006\003  
\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101\143  
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141  
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163  
\040\103\101\061\044\060\042\006\003\125\004\003\014\033\110\101  
\122\111\103\101\040\124\114\123\040\105\103\103\040\122\157\157  
\164\040\103\101\040\062\060\062\061\060\036\027\015\062\061\060  
\062\061\071\061\061\060\061\061\060\132\027\015\064\065\060\062  
\061\063\061\061\060\061\060\071\132\060\154\061\013\060\011\006  
\003\125\004\006\023\002\107\122\061\067\060\065\006\003\125\004  
\012\014\056\110\145\154\154\145\156\151\143\040\101\143\141\144  
\145\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143  
\150\040\111\156\163\164\151\164\165\164\151\157\156\163\040\103  
\101\061\044\060\042\006\003\125\004\003\014\033\110\101\122\111  
\103\101\040\124\114\123\040\105\103\103\040\122\157\157\164\040  
\103\101\040\062\060\062\061\060\166\060\020\006\007\052\206\110  
\316\075\002\001\006\005\053\201\004\000\042\003\142\000\004\070  
\010\376\261\240\226\322\172\254\257\111\072\320\300\340\303\073  
\050\252\361\162\155\145\000\107\210\204\374\232\046\153\252\113

```
\272\154\004\012\210\136\027\362\125\207\374\060\260\064\342\064
\130\127\032\204\123\351\060\331\251\362\226\164\303\121\037\130
\111\061\314\230\116\140\021\207\165\323\162\224\220\117\233\020
\045\052\250\170\055\276\220\101\130\220\025\162\247\241\267\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\311
\033\123\201\022\376\004\325\026\321\252\274\232\157\267\240\225
\031\156\312\060\016\006\003\125\035\017\001\001\377\004\004\003
\002\001\206\060\012\006\010\052\206\110\316\075\004\003\003\003
\147\000\060\144\002\060\021\336\256\370\334\116\210\260\251\360
\042\255\302\121\100\357\140\161\055\356\217\002\304\135\003\160
\111\244\222\352\305\024\210\160\246\323\015\260\252\312\054\100
\234\373\351\202\156\232\002\060\053\107\232\007\306\321\302\201
\174\312\013\226\030\101\033\243\364\060\011\236\265\043\050\015
\237\024\266\074\123\242\114\006\151\175\372\154\221\306\052\111
\105\346\354\267\023\341\072\154
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "HARICA TLS ECC Root CA 2021"
```

```
# Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
```

```
# Serial Number:67:74:9d:8d:77:d8:3b:6a:db:22:f4:ff:59:e2:bf:ce
```

```
# Subject: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
```

```
# Not Valid Before: Fri Feb 19 11:01:10 2021
```

```
# Not Valid After : Mon Feb 13 11:01:09 2045
```

```
# Fingerprint (SHA-256):
```

```
3F:99:CC:47:4A:CF:CE:4D:FE:D5:87:94:66:5E:47:8D:15:47:73:9F:2E:78:0F:1B:B4:CA:9B:13:30:97:D4:01
```

```
# Fingerprint (SHA1): BC:B0:C1:9D:E9:98:92:70:19:38:57:E9:8D:A7:B4:5D:6E:EE:01:48
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "HARICA TLS ECC Root CA 2021"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\274\260\301\235\351\230\222\160\031\070\127\351\215\247\264\135
\156\356\001\110
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\256\367\114\345\146\065\321\267\233\214\042\223\164\323\113\260
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\154\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
```

\003\014\033\110\101\122\111\103\101\040\124\114\123\040\105\103

\103\040\122\157\157\164\040\103\101\040\062\060\062\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\147\164\235\215\167\330\073\152\333\042\364\377\131\342

\277\316

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "HARICA Client RSA Root CA 2021"

#

# Issuer: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

# Serial Number:55:52:f8:1e:db:1b:24:2c:9e:bb:96:18:cd:02:28:3e

# Subject: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR

# Not Valid Before: Fri Feb 19 10:58:46 2021

# Not Valid After : Mon Feb 13 10:58:45 2045

# Fingerprint (SHA-256):

1B:E7:AB:E3:06:86:B1:63:48:AF:D1:C6:1B:68:66:A0:EA:7F:48:21:E6:7D:5E:8A:F9:37:CF:80:11:BC:75:0D

# Fingerprint (SHA1): 46:C6:90:0A:77:3A:B6:BC:F4:65:AD:AC:FC:E3:F7:07:00:6E:DE:6E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "HARICA Client RSA Root CA 2021"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061

\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156

\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040

\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165

\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004

\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164

\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062

\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061

\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156

\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040

\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165

\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004

\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164

\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062

\061  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\125\122\370\036\333\033\044\054\236\273\226\030\315\002  
\050\076  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\252\060\202\003\222\240\003\002\001\002\002\020\125  
\122\370\036\333\033\044\054\236\273\226\030\315\002\050\076\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\157  
\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067\060  
\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151\143  
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145  
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151  
\157\156\163\040\103\101\061\047\060\045\006\003\125\004\003\014  
\036\110\101\122\111\103\101\040\103\154\151\145\156\164\040\122  
\123\101\040\122\157\157\164\040\103\101\040\062\060\062\061\060  
\036\027\015\062\061\060\062\061\071\061\060\065\070\064\066\132  
\027\015\064\065\060\062\061\063\061\060\065\070\064\065\132\060  
\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061\067  
\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156\151  
\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122  
\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164  
\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004\003  
\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164\040  
\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062\061  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\201\333\127\102\220\054\164\065\364\370\270\164\031\115\253  
\011\132\167\105\201\163\142\260\065\237\370\320\267\063\000\207  
\023\266\226\253\016\124\022\060\007\274\233\267\110\327\321\031  
\203\256\216\330\251\361\251\000\204\260\214\136\236\350\014\217  
\124\151\277\366\324\010\117\046\160\376\030\101\143\032\263\062  
\213\100\370\007\253\127\061\360\306\026\166\147\232\264\335\057  
\362\321\153\305\320\222\204\221\161\156\017\056\143\351\037\123  
\244\335\122\023\314\011\203\051\201\014\305\123\165\104\261\016  
\147\123\030\320\303\037\210\113\237\224\044\264\051\274\273\350  
\116\375\157\322\025\035\111\334\215\160\362\021\032\040\121\125  
\021\272\210\157\304\367\120\171\326\252\061\342\204\075\136\062  
\310\167\052\120\161\345\013\057\351\266\352\357\253\012\063\071  
\016\375\217\245\147\103\202\216\230\151\011\011\033\100\315\070  
\147\107\352\311\354\227\161\022\336\044\365\162\074\321\367\103  
\114\046\367\220\262\211\351\105\113\125\075\061\005\172\101\342  
\225\272\103\300\027\305\266\205\075\031\215\144\160\363\133\254  
\315\237\323\051\165\207\113\225\147\152\246\370\321\335\274\220  
\206\211\103\051\251\067\133\365\135\260\046\132\123\102\166\220  
\053\317\236\126\154\053\124\317\134\232\145\337\133\213\110\140  
\070\174\373\305\013\317\166\004\143\002\063\052\175\365\203\147



\347\372\306\103\375\053\017\324\046\057\167\244\062\301\044\352  
\144\235\277\263\070\161\061\104\362\107\270\242\146\101\241\373  
\233\173\274\307\106\152\165\277\132\242\214\350\152\104\301\270  
\226\265\300\062\010\055\173\164\065\163\262\312\306\376\257\021  
\162\030\366\347\310\302\317\245\052\352\173\326\131\350\174\240  
\262\152\100\011\151\016\245\226\333\321\000\271\361\210\156\066  
\360\210\262\235\361\122\362\303\174\277\060\211\074\012\151\371  
\042\244\145\341\233\340\164\306\261\205\227\226\054\256\224\217  
\120\246\071\022\037\276\107\362\201\170\323\165\066\236\175\132  
\040\227\342\122\256\231\237\306\174\233\146\363\376\330\317\356  
\275\227\006\035\055\205\334\076\066\123\226\173\040\272\350\310  
\341\255\226\142\076\021\174\263\000\204\236\247\114\161\253\112  
\067\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\240\326\007\075\136\044\367\173\240\104  
\056\044\122\015\031\252\053\004\221\247\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\015\107  
\371\011\146\061\122\354\171\356\302\250\362\150\076\355\226\105  
\313\072\246\230\143\077\352\053\115\116\003\320\034\202\341\313  
\323\345\326\253\133\147\050\274\235\376\014\231\012\200\125\247  
\316\033\043\141\015\260\127\360\376\340\312\276\346\220\333\203  
\054\276\203\216\364\171\266\376\320\015\102\247\130\037\151\352  
\201\365\005\245\376\106\150\353\154\170\311\340\352\347\346\336  
\061\305\322\325\054\202\143\050\235\135\250\032\176\210\346\347  
\053\361\054\325\320\005\236\334\055\275\067\146\324\004\242\247  
\255\277\072\302\250\073\255\377\215\235\063\340\271\232\204\241  
\207\037\166\364\202\164\327\016\371\060\110\076\133\210\076\252  
\134\153\326\057\014\350\216\163\302\030\221\203\071\266\146\132  
\320\037\140\047\135\115\343\366\072\015\146\120\234\170\173\253  
\363\023\020\256\017\057\253\350\144\263\030\040\235\106\065\144  
\045\163\352\233\020\134\130\065\211\261\106\110\247\364\254\324  
\035\236\133\314\251\245\032\023\117\044\120\252\331\033\155\261  
\100\373\235\335\130\164\304\302\157\024\162\354\333\065\237\270  
\124\165\105\303\246\310\032\050\065\072\256\145\362\251\230\316  
\257\133\311\070\214\061\073\177\314\334\226\375\342\133\326\320  
\131\364\166\272\013\313\117\203\020\307\100\320\035\140\351\052  
\345\110\130\167\014\105\151\276\031\161\004\044\342\343\044\037  
\112\310\301\076\231\365\226\230\070\110\045\241\025\260\033\327  
\342\204\030\133\366\161\065\232\150\173\100\314\030\134\014\044  
\235\324\225\365\231\252\106\352\256\254\277\364\024\031\044\350  
\214\354\343\365\274\006\150\212\052\014\005\137\012\227\165\247  
\334\176\300\375\327\172\030\337\060\321\070\113\037\260\230\160  
\277\314\174\163\360\156\304\061\245\244\227\035\254\277\316\154  
\041\112\276\047\043\147\363\006\126\201\012\221\216\266\341\003  
\005\063\054\332\064\010\115\116\120\043\255\037\245\305\324\172  
\376\352\011\354\247\050\140\213\106\174\265\352\233\335\117\371  
\347\153\025\306\210\317\103\333\345\047\334\004\126\156\157\106

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\025\361\126\055\350\134\014\163\303\043\201\070\040\313\311\014
\151\317\054\253\073\204\140\063\031\122\375\151\024\063
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "HARICA Client RSA Root CA 2021"
# Issuer: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:55:52:f8:1e:db:1b:24:2c:9e:bb:96:18:cd:02:28:3e
# Subject: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 10:58:46 2021
# Not Valid After : Mon Feb 13 10:58:45 2045
# Fingerprint (SHA-256):
1B:E7:AB:E3:06:86:B1:63:48:AF:D1:C6:1B:68:66:A0:EA:7F:48:21:E6:7D:5E:8A:F9:37:CF:80:11:BC:75:0D
# Fingerprint (SHA1): 46:C6:90:0A:77:3A:B6:BC:F4:65:AD:AC:FC:E3:F7:07:00:6E:DE:6E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client RSA Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\106\306\220\012\167\072\266\274\364\145\255\254\374\343\367\007
\000\156\336\156
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\157\355\134\327\210\314\070\251\334\351\335\331\135\333\330\355
END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\125\122\370\036\333\033\044\054\236\273\226\030\315\002
\050\076
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
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```
# Certificate "HARICA Client ECC Root CA 2021"
#
# Issuer: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Serial Number:31:68:d9:d8:e1:62:57:1e:d2:19:44:88:e6:10:7d:f0
# Subject: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:03:34 2021
# Not Valid After : Mon Feb 13 11:03:33 2045
# Fingerprint (SHA-256):
8D:D4:B5:37:3C:B0:DE:36:76:9C:12:33:92:80:D8:27:46:B3:AA:6C:D4:26:E7:97:A3:1B:AB:E4:27:9C:F0:0B
# Fingerprint (SHA1): BE:64:D3:DA:14:4B:D2:6B:CD:AF:8F:DB:A6:A6:72:F8:DE:26:F9:00
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client ECC Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\061\150\331\330\341\142\127\036\322\031\104\210\346\020
\175\360
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\132\060\202\001\341\240\003\002\001\002\002\020\061
\150\331\330\341\142\127\036\322\031\104\210\346\020\175\360\060
\012\006\010\052\206\110\316\075\004\003\003\060\157\061\013\060
\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006\003
\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101\143
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141
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\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163  
\040\103\101\061\047\060\045\006\003\125\004\003\014\036\110\101  
\122\111\103\101\040\103\154\151\145\156\164\040\105\103\103\040  
\122\157\157\164\040\103\101\040\062\060\062\061\060\036\027\015  
\062\061\060\062\061\071\061\061\060\063\063\064\132\027\015\064  
\065\060\062\061\063\061\061\060\063\063\063\132\060\157\061\013  
\060\011\006\003\125\004\006\023\002\107\122\061\067\060\065\006  
\003\125\004\012\014\056\110\145\154\154\145\156\151\143\040\101  
\143\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145  
\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156  
\163\040\103\101\061\047\060\045\006\003\125\004\003\014\036\110  
\101\122\111\103\101\040\103\154\151\145\156\164\040\105\103\103  
\040\122\157\157\164\040\103\101\040\062\060\062\061\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\007\030\255\225\226\224\320\134\017\202\367  
\052\100\372\002\311\311\075\066\246\243\004\152\301\155\225\001  
\210\140\022\124\154\134\242\053\156\023\072\210\225\014\034\046  
\206\066\112\211\031\267\030\336\073\350\250\120\037\312\337\133  
\277\111\200\025\333\343\060\341\035\132\307\052\212\001\007\376  
\155\054\064\357\050\050\227\274\301\371\127\206\225\213\065\317  
\236\132\321\150\225\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\122\010\322\276\062\201\045\375\365\032\227  
\354\116\137\032\273\123\315\220\255\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\206\060\012\006\010\052\206\110  
\316\075\004\003\003\003\147\000\060\144\002\060\114\061\105\106  
\117\250\346\276\303\167\262\032\030\113\055\210\173\130\346\253  
\224\153\104\003\260\027\377\337\202\163\104\121\054\375\223\035  
\006\173\024\322\211\354\100\014\357\041\001\056\002\060\057\311  
\056\132\154\054\035\331\225\340\236\260\271\134\122\174\366\370  
\070\312\056\361\324\035\362\242\111\242\225\370\301\130\136\117  
\376\163\012\357\061\260\253\043\130\023\214\213\336\073

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "HARICA Client ECC Root CA 2021"  
# Issuer: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR  
# Serial Number:31:68:d9:d8:e1:62:57:1e:d2:19:44:88:e6:10:7d:f0  
# Subject: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR  
# Not Valid Before: Fri Feb 19 11:03:34 2021  
# Not Valid After : Mon Feb 13 11:03:33 2045  
# Fingerprint (SHA-256):  
8D:D4:B5:37:3C:B0:DE:36:76:9C:12:33:92:80:D8:27:46:B3:AA:6C:D4:26:E7:97:A3:1B:AB:E4:27:9C:F0:0B  
# Fingerprint (SHA1): BE:64:D3:DA:14:4B:D2:6B:CD:AF:8F:DB:A6:A6:72:F8:DE:26:F9:00  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client ECC Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\276\144\323\332\024\113\322\153\315\257\217\333\246\246\162\370
\336\046\371\000
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\255\270\120\246\251\202\172\154\075\032\252\244\322\143\244\104
END
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\061\150\331\330\341\142\127\036\322\031\104\210\346\020
\175\360
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
#
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number: 1b:70:e9:d2:ff:ae:6c:71
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Tue Sep 23 15:22:07 2014
# Not Valid After : Mon May 05 15:22:07 2036
# Fingerprint (SHA-256):
57:DE:05:83:EF:D2:B2:6E:03:61:DA:99:DA:9D:F4:64:8D:EF:7E:E8:44:1C:3B:72:8A:FA:9B:CD:E0:F9:B2:6A
# Fingerprint (SHA1): 0B:BE:C2:27:22:49:CB:39:AA:DB:35:5C:53:E3:8C:AE:78:FF:B6:FE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061

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\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151  
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141  
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163  
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064  
\060\066\070

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061  
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151  
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141  
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163  
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064  
\060\066\070

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\033\160\351\322\377\256\154\161

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\024\060\202\003\374\240\003\002\001\002\002\010\033  
\160\351\322\377\256\154\161\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\121\061\013\060\011\006\003\125\004  
\006\023\002\105\123\061\102\060\100\006\003\125\004\003\014\071  
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141  
\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040  
\101\066\062\066\063\064\060\066\070\060\036\027\015\061\064\060  
\071\062\063\061\065\062\062\060\067\132\027\015\063\066\060\065  
\060\065\061\065\062\062\060\067\132\060\121\061\013\060\011\006  
\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004  
\003\014\071\101\165\164\157\162\151\144\141\144\040\144\145\040  
\103\145\162\164\151\146\151\143\141\143\151\157\156\040\106\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103  
\111\106\040\101\066\062\066\063\064\060\066\070\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\226\153  
\216\352\370\373\361\242\065\340\177\114\332\340\303\122\327\175  
\266\020\310\002\136\263\103\052\304\117\152\262\312\034\135\050  
\232\170\021\032\151\131\127\257\265\040\102\344\213\017\346\337  
\133\246\003\222\057\365\021\344\142\327\062\161\070\331\004\014  
\161\253\075\121\176\017\007\337\143\005\134\351\277\224\157\301  
\051\202\300\264\332\121\260\301\074\273\255\067\112\134\312\361  
\113\066\016\044\253\277\303\204\167\375\250\120\364\261\347\306  
\057\322\055\131\215\172\012\116\226\151\122\002\252\066\230\354  
\374\372\024\203\014\067\037\311\222\067\177\327\201\055\345\304  
\271\340\076\064\376\147\364\076\146\321\323\364\100\317\136\142  
\064\017\160\006\076\040\030\132\316\367\162\033\045\154\223\164  
\024\223\243\163\261\016\252\207\020\043\131\137\040\005\031\107

\355\150\216\222\022\312\135\374\326\053\262\222\074\040\317\341  
\137\257\040\276\240\166\177\166\345\354\032\206\141\063\076\347  
\173\264\077\240\017\216\242\271\152\157\271\207\046\157\101\154  
\210\246\120\375\152\143\013\365\223\026\033\031\217\262\355\233  
\233\311\220\365\001\014\337\031\075\017\076\070\043\311\057\217  
\014\321\002\376\033\125\326\116\320\215\074\257\117\244\363\376  
\257\052\323\005\235\171\010\241\313\127\061\264\234\310\220\262  
\147\364\030\026\223\072\374\107\330\321\170\226\061\037\272\053  
\014\137\135\231\255\143\211\132\044\040\166\330\337\375\253\116  
\246\042\252\235\136\346\047\212\175\150\051\243\347\212\270\332  
\021\273\027\055\231\235\023\044\106\367\305\342\330\237\216\177  
\307\217\164\155\132\262\350\162\365\254\356\044\020\255\057\024  
\332\377\055\232\106\161\107\276\102\337\273\001\333\364\177\323  
\050\217\061\131\133\323\311\002\246\264\122\312\156\227\373\103  
\305\010\046\157\212\364\273\375\237\050\252\015\325\105\363\023  
\072\035\330\300\170\217\101\147\074\036\224\144\256\173\013\305  
\350\331\001\210\071\032\227\206\144\101\325\073\207\014\156\372  
\017\306\275\110\024\277\071\115\324\236\101\266\217\226\035\143  
\226\223\331\225\006\170\061\150\236\067\006\073\200\211\105\141  
\071\043\307\033\104\243\025\345\034\370\222\060\273\002\003\001  
\000\001\243\201\357\060\201\354\060\035\006\003\125\035\016\004  
\026\004\024\145\315\353\253\065\036\000\076\176\325\164\300\034  
\264\163\107\016\032\144\057\060\022\006\003\125\035\023\001\001  
\377\004\010\060\006\001\001\377\002\001\001\060\201\246\006\003  
\125\035\040\004\201\236\060\201\233\060\201\230\006\004\125\035  
\040\000\060\201\217\060\057\006\010\053\006\001\005\005\007\002  
\001\026\043\150\164\164\160\072\057\057\167\167\167\056\146\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\056\143  
\157\155\057\143\160\163\060\134\006\010\053\006\001\005\005\007  
\002\002\060\120\036\116\000\120\000\141\000\163\000\145\000\157  
\000\040\000\144\000\145\000\040\000\154\000\141\000\040\000\102  
\000\157\000\156\000\141\000\156\000\157\000\166\000\141\000\040  
\000\064\000\067\000\040\000\102\000\141\000\162\000\143\000\145  
\000\154\000\157\000\156\000\141\000\040\000\060\000\070\000\060  
\000\061\000\067\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\002\001\000\164\207\050\002\053\167\037\146  
\211\144\355\217\164\056\106\034\273\250\370\370\013\035\203\266  
\072\247\350\105\212\007\267\340\076\040\313\341\010\333\023\010  
\370\050\241\065\262\200\263\013\121\300\323\126\232\215\063\105  
\111\257\111\360\340\075\007\172\105\023\132\377\310\227\330\323  
\030\054\175\226\370\335\242\145\103\160\223\220\025\272\220\337  
\350\031\260\333\054\212\140\017\267\157\224\007\036\035\246\311  
\205\366\275\064\370\100\170\142\020\160\072\276\175\113\071\201  
\251\020\324\226\101\273\370\137\034\013\035\010\362\261\260\211  
\172\362\367\240\340\304\217\213\170\265\073\130\245\043\216\117  
\125\376\066\073\340\014\267\312\052\060\101\040\264\200\315\256  
\374\166\146\163\250\256\156\341\174\332\003\350\224\040\346\042

\243\320\037\220\135\040\123\024\046\127\332\124\227\337\026\104  
\020\001\036\210\146\217\162\070\223\335\040\267\064\276\327\361  
\356\143\216\107\171\050\006\374\363\131\105\045\140\042\063\033  
\243\137\250\272\052\332\032\075\315\100\352\214\356\005\025\225  
\325\245\054\040\057\247\230\050\356\105\374\361\270\210\000\054  
\217\102\332\121\325\234\345\023\150\161\105\103\213\236\013\041  
\074\113\134\005\334\032\237\230\216\332\275\042\236\162\315\255  
\012\313\314\243\147\233\050\164\304\233\327\032\074\004\130\246  
\202\235\255\307\173\157\377\200\226\351\370\215\152\275\030\220  
\035\377\111\032\220\122\067\223\057\074\002\135\202\166\013\121  
\347\026\307\127\370\070\371\247\315\233\042\124\357\143\260\025  
\155\123\145\003\112\136\112\240\262\247\216\111\000\131\070\325  
\307\364\200\144\365\156\225\120\270\021\176\025\160\070\112\260  
\177\320\304\062\160\300\031\377\311\070\055\024\054\146\364\102  
\104\346\125\166\033\200\025\127\377\300\247\247\252\071\252\330  
\323\160\320\056\272\353\224\152\372\137\064\206\347\142\265\375  
\212\360\060\205\224\311\257\044\002\057\157\326\335\147\376\343  
\260\125\117\004\230\117\244\101\126\342\223\320\152\350\326\363  
\373\145\340\316\165\304\061\131\014\356\202\310\014\140\063\112  
\031\272\204\147\047\017\274\102\135\275\044\124\015\354\035\160  
\006\137\244\274\372\040\174\125

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Serial Number:1b:70:e9:d2:ff:ae:6c:71

# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Not Valid Before: Tue Sep 23 15:22:07 2014

# Not Valid After : Mon May 05 15:22:07 2036

# Fingerprint (SHA-256):

57:DE:05:83:EF:D2:B2:6E:03:61:DA:99:DA:9D:F4:64:8D:EF:7E:E8:44:1C:3B:72:8A:FA:9B:CD:E0:F9:B2:6A

# Fingerprint (SHA1): 0B:BE:C2:27:22:49:CB:39:AA:DB:35:5C:53:E3:8C:AE:78:FF:B6:FE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\013\276\302\047\042\111\313\071\252\333\065\134\123\343\214\256  
\170\377\266\376

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\116\156\233\124\114\312\267\372\110\344\220\261\025\113\034\243

END

CKA\_ISSUER MULTILINE\_OCTAL



```
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\010\033\160\351\322\377\256\154\161
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "vTrus ECC Root CA"

#

# Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN

# Serial Number:6e:6a:bc:59:aa:53:be:98:39:67:a2:d2:6b:a4:3b:e6:6d:1c:d6:da

# Subject: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN

# Not Valid Before: Tue Jul 31 07:26:44 2018

# Not Valid After : Fri Jul 31 07:26:44 2043

# Fingerprint (SHA-256):

30:FB:BA:2C:32:23:8E:2A:98:54:7A:F9:79:31:E5:50:42:8B:9B:3F:1C:8E:EB:66:33:DC:FA:86:C5:B2:7D:D3

# Fingerprint (SHA1): F6:9C:DB:B0:FC:F6:02:13:B6:52:32:A6:A3:91:3F:16:70:DA:C3:E1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "vTrus ECC Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\156\152\274\131\252\123\276\230\071\147\242\322\153\244  
\073\346\155\034\326\332

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\017\060\202\001\225\240\003\002\001\002\002\024\156  
\152\274\131\252\123\276\230\071\147\242\322\153\244\073\346\155  
\034\326\332\060\012\006\010\052\206\110\316\075\004\003\003\060  
\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061\034  
\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103\150  
\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060\030  
\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103\103  
\040\122\157\157\164\040\103\101\060\036\027\015\061\070\060\067  
\063\061\060\067\062\066\064\064\132\027\015\064\063\060\067\063  
\061\060\067\062\066\064\064\132\060\107\061\013\060\011\006\003  
\125\004\006\023\002\103\116\061\034\060\032\006\003\125\004\012  
\023\023\151\124\162\165\163\103\150\151\156\141\040\103\157\056  
\054\114\164\144\056\061\032\060\030\006\003\125\004\003\023\021  
\166\124\162\165\163\040\105\103\103\040\122\157\157\164\040\103  
\101\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\145\120\112\256\214\171\226  
\112\252\034\010\303\243\242\315\376\131\126\101\167\375\046\224  
\102\273\035\315\010\333\163\262\133\165\363\317\234\116\202\364  
\277\370\141\046\205\154\326\205\133\162\160\322\375\333\142\264  
\337\123\213\275\261\104\130\142\102\011\307\372\177\133\020\347  
\376\100\375\300\330\303\053\062\347\160\246\267\246\040\125\035  
\173\200\135\113\217\147\114\361\020\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\230\071\315\276\330\262\214\367  
\262\253\341\255\044\257\173\174\241\333\037\317\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\012\006  
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\060  
\127\235\335\126\361\307\343\351\270\111\120\153\233\151\303\157  
\354\303\175\045\344\127\225\023\100\233\122\323\073\363\100\031  
\274\046\307\055\006\236\265\173\066\237\365\045\324\143\153\000  
\002\061\000\351\323\306\236\126\232\052\314\241\332\077\310\146  
\053\323\130\234\040\205\372\253\221\212\160\160\021\070\140\144  
\013\142\011\221\130\000\371\115\373\064\150\332\011\255\041\006  
\030\224\316

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "vTrus ECC Root CA"

# Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN

# Serial Number:6e:6a:bc:59:aa:53:be:98:39:67:a2:d2:6b:a4:3b:e6:6d:1c:d6:da

# Subject: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN

# Not Valid Before: Tue Jul 31 07:26:44 2018

```

# Not Valid After : Fri Jul 31 07:26:44 2043
# Fingerprint (SHA-256):
30:FB:BA:2C:32:23:8E:2A:98:54:7A:F9:79:31:E5:50:42:8B:9B:3F:1C:8E:EB:66:33:DC:FA:86:C5:B2:7D:D3
# Fingerprint (SHA1): F6:9C:DB:B0:FC:F6:02:13:B6:52:32:A6:A3:91:3F:16:70:DA:C3:E1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus ECC Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\366\234\333\260\374\366\002\023\266\122\062\246\243\221\077\026
\160\332\303\341
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\336\113\301\365\122\214\233\103\341\076\217\125\124\027\215\205
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\032\060
\030\006\003\125\004\003\023\021\166\124\162\165\163\040\105\103
\103\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\156\152\274\131\252\123\276\230\071\147\242\322\153\244
\073\346\155\034\326\332
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "vTrus Root CA"
#
# Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Serial Number:43:e3:71:13:d8:b3:59:14:5d:b7:ce:8c:fd:35:fd:6f:bc:05:8d:45
# Subject: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Not Valid Before: Tue Jul 31 07:24:05 2018
# Not Valid After : Fri Jul 31 07:24:05 2043
# Fingerprint (SHA-256):
8A:71:DE:65:59:33:6F:42:6C:26:E5:38:80:D0:0D:88:A1:8D:A4:C6:A9:1F:0D:CB:61:94:E2:06:C5:C9:63:87
# Fingerprint (SHA1): 84:1A:69:FB:F5:CD:1A:25:34:13:3D:E3:F8:FC:B8:99:D0:C9:14:B7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus Root CA"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103  
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060  
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157  
\157\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103  
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060  
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157  
\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\103\343\161\023\330\263\131\024\135\267\316\214\375\065  
\375\157\274\005\215\105

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\126\060\202\003\076\240\003\002\001\002\002\024\103  
\343\161\023\330\263\131\024\135\267\316\214\375\065\375\157\274  
\005\215\105\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\103\061\013\060\011\006\003\125\004\006\023\002\103  
\116\061\034\060\032\006\003\125\004\012\023\023\151\124\162\165  
\163\103\150\151\156\141\040\103\157\056\054\114\164\144\056\061  
\026\060\024\006\003\125\004\003\023\015\166\124\162\165\163\040  
\122\157\157\164\040\103\101\060\036\027\015\061\070\060\067\063  
\061\060\067\062\064\060\065\132\027\015\064\063\060\067\063\061  
\060\067\062\064\060\065\132\060\103\061\013\060\011\006\003\125  
\004\006\023\002\103\116\061\034\060\032\006\003\125\004\012\023  
\023\151\124\162\165\163\103\150\151\156\141\040\103\157\056\054  
\114\164\144\056\061\026\060\024\006\003\125\004\003\023\015\166  
\124\162\165\163\040\122\157\157\164\040\103\101\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\275\125\174  
\141\323\270\035\004\142\005\240\256\154\267\160\264\101\352\113  
\003\136\020\077\220\132\034\213\073\260\146\213\154\110\246\034  
\042\272\325\100\222\356\063\262\043\131\311\216\274\130\332\213  
\236\320\031\362\057\131\306\214\143\132\272\237\243\013\260\263  
\232\134\272\021\270\022\351\014\273\317\156\154\200\207\051\024  
\003\054\215\044\232\310\144\203\265\152\254\023\054\063\361\237  
\334\054\141\074\032\077\160\125\233\255\000\122\177\317\004\271  
\376\066\372\234\300\026\256\142\376\226\114\103\176\125\024\276  
\032\263\322\155\302\257\166\146\225\153\052\260\224\167\205\136  
\004\017\142\035\143\165\367\153\347\313\133\232\160\354\076\147  
\005\360\376\007\010\200\317\050\333\005\306\024\047\057\206\175

\360\047\336\377\346\176\063\110\347\013\036\130\321\047\053\123  
\016\127\112\145\327\373\242\200\140\374\114\274\065\123\001\152  
\227\162\202\257\361\035\160\350\234\365\357\136\302\154\307\107  
\176\132\224\205\046\115\073\272\353\114\350\260\011\302\145\302  
\235\235\011\233\116\265\227\005\254\365\006\240\367\066\005\176  
\364\220\262\153\304\264\371\144\352\351\032\012\310\015\250\355  
\047\311\324\347\263\271\253\202\042\220\047\075\052\350\174\220  
\357\274\117\375\342\012\044\247\336\145\044\244\135\352\300\166  
\060\323\167\120\370\015\004\233\224\066\001\163\312\006\130\246  
\323\073\334\372\004\106\023\125\212\311\104\107\270\121\071\032  
\056\350\064\342\171\313\131\112\012\177\274\246\357\037\003\147  
\152\131\053\045\142\223\331\123\031\146\074\047\142\051\206\115  
\244\153\356\377\324\116\272\325\264\342\216\110\132\000\031\011  
\361\005\331\316\221\261\367\353\351\071\117\366\157\004\103\232  
\125\365\076\005\024\275\277\263\131\264\330\216\063\204\243\220  
\122\252\263\002\225\140\371\014\114\150\371\356\325\027\015\370  
\161\127\265\045\344\051\356\145\135\257\321\356\074\027\013\132  
\103\305\245\206\352\044\236\342\005\007\334\064\102\022\221\326  
\071\164\256\114\101\202\333\362\246\110\321\263\233\363\063\252  
\363\246\300\305\116\365\364\235\166\143\346\002\306\042\113\301  
\225\077\120\144\054\124\345\266\360\074\051\317\127\002\003\001  
\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004  
\024\124\142\160\143\361\165\204\103\130\216\321\026\040\261\306  
\254\032\274\366\211\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\002\001\000\051\272\222\111\247\255  
\360\361\160\303\344\227\360\237\251\045\325\153\236\064\376\346  
\032\144\366\072\153\122\262\020\170\032\237\114\332\212\332\354  
\034\067\122\340\102\113\373\154\166\312\044\013\071\022\025\235  
\237\021\055\374\171\144\334\340\340\365\335\340\127\311\245\262  
\166\160\120\244\376\267\012\160\325\240\064\361\165\327\115\111  
\272\021\321\263\330\354\202\377\353\016\304\277\144\055\175\143  
\156\027\170\354\135\174\210\310\353\216\127\166\331\131\004\372  
\274\122\037\105\254\360\172\200\354\354\157\166\256\221\333\020  
\216\004\334\222\337\240\366\346\256\111\323\301\154\022\033\314  
\051\252\371\010\245\342\067\024\312\261\270\146\357\032\202\344  
\360\370\361\247\026\151\267\333\251\141\074\237\365\061\313\344  
\000\106\302\057\164\261\261\327\201\356\250\046\225\274\210\257  
\114\065\007\052\002\312\170\024\155\107\053\100\126\351\313\052  
\140\241\147\003\240\316\214\274\260\162\147\304\061\316\333\064  
\345\045\003\140\045\173\161\230\344\300\033\053\137\164\102\322  
\113\305\131\010\007\207\276\305\303\177\347\226\331\341\334\050  
\227\326\217\005\343\365\233\116\312\035\120\107\005\123\260\312  
\071\347\205\240\211\301\005\073\001\067\323\077\111\342\167\353  
\043\310\210\146\073\075\071\166\041\106\361\354\137\043\270\353  
\242\146\165\164\301\100\367\330\150\232\223\342\055\251\056\275  
\034\243\036\310\164\306\244\055\172\040\253\073\270\260\106\375

```
\157\335\137\122\125\165\142\360\227\240\174\327\070\375\045\337
\315\240\233\020\317\213\270\070\136\136\305\264\246\002\066\241
\036\137\034\317\342\226\235\051\252\375\230\256\122\341\363\101
\122\373\251\056\162\226\237\047\343\252\163\175\370\032\043\146
\173\073\253\145\260\062\001\113\025\076\075\242\117\014\053\065
\242\306\331\147\022\065\060\315\166\056\026\263\231\236\115\117
\116\055\073\064\103\341\232\016\015\244\146\227\272\322\034\112
\114\054\052\213\213\201\117\161\032\251\335\134\173\173\010\305
\000\015\067\100\343\174\173\124\137\057\205\137\166\366\367\247
\260\034\127\126\301\162\350\255\242\257\215\063\111\272\037\212
\334\346\164\174\140\206\157\207\227\173
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "vTrus Root CA"
```

```
# Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
```

```
# Serial Number:43:e3:71:13:d8:b3:59:14:5d:b7:ce:8c:fd:35:fd:6f:bc:05:8d:45
```

```
# Subject: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
```

```
# Not Valid Before: Tue Jul 31 07:24:05 2018
```

```
# Not Valid After : Fri Jul 31 07:24:05 2043
```

```
# Fingerprint (SHA-256):
```

```
8A:71:DE:65:59:33:6F:42:6C:26:E5:38:80:D0:0D:88:A1:8D:A4:C6:A9:1F:0D:CB:61:94:E2:06:C5:C9:63:87
```

```
# Fingerprint (SHA1): 84:1A:69:FB:F5:CD:1A:25:34:13:3D:E3:F8:FC:B8:99:D0:C9:14:B7
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "vTrus Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\204\032\151\373\365\315\032\045\064\023\075\343\370\374\270\231
\320\311\024\267
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\270\311\067\337\372\153\061\204\144\305\352\021\152\033\165\374
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157
\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\024\103\343\161\023\330\263\131\024\135\267\316\214\375\065
\375\157\274\005\215\105
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "ISRG Root X2"

#

# Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US

# Serial Number:41:d2:9d:d1:72:ea:ee:a7:80:c1:2c:6c:e9:2f:87:52

# Subject: CN=ISRG Root X2,O=Internet Security Research Group,C=US

# Not Valid Before: Fri Sep 04 00:00:00 2020

# Not Valid After : Mon Sep 17 16:00:00 2040

# Fingerprint (SHA-256):

69:72:9B:8E:15:A8:6E:FC:17:7A:57:AF:B7:17:1D:FC:64:AD:D2:8C:2F:CA:8C:F1:50:7E:34:45:3C:CB:14:70

# Fingerprint (SHA1): BD:B1:B9:3C:D5:97:8D:45:C6:26:14:55:F8:DB:95:C7:5A:D1:53:AF

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ISRG Root X2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156  
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145  
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003  
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130  
\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156  
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145  
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003  
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130  
\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\101\322\235\321\162\352\356\247\200\301\054\154\351\057  
\207\122

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\033\060\202\001\241\240\003\002\001\002\002\020\101  
\322\235\321\162\352\356\247\200\301\054\154\351\057\207\122\060  
\012\006\010\052\206\110\316\075\004\003\003\060\117\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\051\060\047\006\003

\125\004\012\023\040\111\156\164\145\162\156\145\164\040\123\145  
\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150\040  
\107\162\157\165\160\061\025\060\023\006\003\125\004\003\023\014  
\111\123\122\107\040\122\157\157\164\040\130\062\060\036\027\015  
\062\060\060\071\060\064\060\060\060\060\060\132\027\015\064  
\060\060\071\061\067\061\066\060\060\060\060\132\060\117\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\051\060\047\006  
\003\125\004\012\023\040\111\156\164\145\162\156\145\164\040\123  
\145\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150  
\040\107\162\157\165\160\061\025\060\023\006\003\125\004\003\023  
\014\111\123\122\107\040\122\157\157\164\040\130\062\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\315\233\325\237\200\203\012\354\011\112\363  
\026\112\076\134\317\167\254\336\147\005\015\035\007\266\334\026  
\373\132\213\024\333\342\161\140\304\272\105\225\021\211\216\352  
\006\337\367\052\026\034\244\271\305\305\062\340\003\340\036\202  
\030\070\213\327\105\330\012\152\156\346\000\167\373\002\121\175  
\042\330\012\156\232\133\167\337\360\372\101\354\071\334\165\312  
\150\007\014\037\352\243\102\060\100\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\174\102\226\256\336\113\110\073\372\222\370  
\236\214\317\155\213\251\162\067\225\060\012\006\010\052\206\110  
\316\075\004\003\003\003\150\000\060\145\002\060\173\171\116\106  
\120\204\302\104\207\106\033\105\160\377\130\231\336\364\375\244  
\322\125\246\040\055\164\326\064\274\101\243\120\137\001\047\126  
\264\276\047\165\006\257\022\056\165\230\215\374\002\061\000\213  
\365\167\154\324\310\145\252\340\013\054\356\024\235\047\067\244  
\371\123\245\121\344\051\203\327\370\220\061\133\102\237\012\365  
\376\256\000\150\347\214\111\017\266\157\133\133\025\362\347

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "ISRG Root X2"

# Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US

# Serial Number:41:d2:9d:d1:72:ea:ee:a7:80:c1:2c:6c:e9:2f:87:52

# Subject: CN=ISRG Root X2,O=Internet Security Research Group,C=US

# Not Valid Before: Fri Sep 04 00:00:00 2020

# Not Valid After : Mon Sep 17 16:00:00 2040

# Fingerprint (SHA-256):

69:72:9B:8E:15:A8:6E:FC:17:7A:57:AF:B7:17:1D:FC:64:AD:D2:8C:2F:CA:8C:F1:50:7E:34:45:3C:CB:14:70

# Fingerprint (SHA1): BD:B1:B9:3C:D5:97:8D:45:C6:26:14:55:F8:DB:95:C7:5A:D1:53:AF

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE



```

CKA_LABEL UTF8 "ISRG Root X2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\275\261\271\074\325\227\215\105\306\046\024\125\370\333\225\307
\132\321\123\257
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\323\236\304\036\043\074\246\337\317\243\176\155\340\024\346\345
END
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\322\235\321\162\352\356\247\200\301\054\154\351\057
\207\122
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "HiPKI Root CA - G1"
#
# Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# Serial Number:2d:dd:ac:ce:62:97:94:a1:43:e8:b0:cd:76:6a:5e:60
# Subject: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Fri Feb 22 09:46:04 2019
# Not Valid After : Thu Dec 31 15:59:59 2037
# Fingerprint (SHA-256):
F0:15:CE:3C:C2:39:BF:EF:06:4B:E9:F1:D2:C4:17:E1:A0:26:4A:0A:94:BE:1F:0C:8D:12:18:64:EB:69:49:CC
# Fingerprint (SHA1): 6A:92:E4:A8:EE:1B:EC:96:45:37:E3:29:57:49:CD:96:E3:E5:D2:60
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HiPKI Root CA - G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107

```

\061  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150  
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040  
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110  
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107  
\061  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\055\335\254\316\142\227\224\241\103\350\260\315\166\152  
\136\140  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\152\060\202\003\122\240\003\002\001\002\002\020\055  
\335\254\316\142\227\224\241\103\350\260\315\166\152\136\140\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\117  
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060  
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141  
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164  
\144\056\061\033\060\031\006\003\125\004\003\014\022\110\151\120  
\113\111\040\122\157\157\164\040\103\101\040\055\040\107\061\060  
\036\027\015\061\071\060\062\062\062\060\071\064\066\060\064\132  
\027\015\063\067\061\062\063\061\061\065\065\071\065\071\132\060  
\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043  
\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167  
\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114  
\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110\151  
\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107\061  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\364\036\177\122\163\062\014\163\344\275\023\164\243\324\060  
\250\320\256\113\330\266\337\165\107\146\364\174\347\071\004\036  
\152\160\040\322\132\107\162\147\125\364\245\350\235\325\036\041  
\241\360\147\272\314\041\150\276\104\123\277\215\371\342\334\057  
\125\310\067\077\037\244\300\234\263\344\167\134\240\106\376\167  
\372\032\240\070\352\355\232\162\336\053\275\224\127\072\272\354  
\171\347\137\175\102\144\071\172\046\066\367\044\360\325\057\272  
\225\230\021\146\255\227\065\326\165\001\200\340\257\364\204\141  
\214\015\036\137\174\207\226\136\101\257\353\207\352\370\135\361  
\056\210\005\076\114\042\273\332\037\052\335\122\106\144\071\363  
\102\316\331\236\014\263\260\167\227\144\234\300\364\243\056\037  
\225\007\260\027\337\060\333\000\030\226\114\241\201\113\335\004  
\155\123\243\075\374\007\254\324\305\067\202\353\344\225\010\031  
\050\202\322\102\072\243\330\123\354\171\211\140\110\140\310\162  
\222\120\334\003\217\203\077\262\102\127\132\333\152\351\021\227

\335\205\050\274\060\114\253\343\302\261\105\104\107\037\340\212  
\026\007\226\322\041\017\123\300\355\251\176\324\116\354\233\011  
\354\257\102\254\060\326\277\321\020\105\340\246\026\262\245\305  
\323\117\163\224\063\161\002\241\152\243\326\063\227\117\041\143  
\036\133\217\331\301\136\105\161\167\017\201\135\137\041\232\255  
\203\314\372\136\326\215\043\137\033\075\101\257\040\165\146\132  
\112\366\237\373\253\030\367\161\300\266\035\061\354\073\040\353  
\313\342\270\365\256\222\262\367\341\204\113\362\242\362\223\232  
\042\236\323\024\157\066\124\275\037\136\131\025\271\163\250\301  
\174\157\173\142\351\026\154\107\132\145\363\016\021\233\106\331  
\375\155\334\326\234\300\264\175\245\260\335\077\126\157\241\371  
\366\344\022\110\375\006\177\022\127\266\251\043\117\133\003\303  
\340\161\052\043\267\367\260\261\073\274\230\275\326\230\250\014  
\153\366\216\022\147\246\362\262\130\344\002\011\023\074\251\273  
\020\264\322\060\105\361\354\367\000\021\337\145\370\334\053\103  
\125\277\026\227\304\017\325\054\141\204\252\162\206\376\346\072  
\176\302\077\175\356\374\057\024\076\346\205\335\120\157\267\111  
\355\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\362\167\027\372\136\250\376\366\075\161  
\325\150\272\311\106\014\070\330\257\260\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\120\121  
\360\165\334\160\004\343\377\252\165\324\161\242\313\236\217\250  
\251\323\257\165\307\124\317\072\034\004\231\042\254\304\021\342  
\357\063\112\246\043\035\016\015\107\330\067\307\157\257\064\177  
\117\201\153\065\117\351\162\245\061\342\170\347\367\116\224\030  
\133\100\175\317\153\041\124\206\346\225\172\373\306\312\352\234  
\110\116\127\011\135\057\254\364\245\264\227\063\130\325\254\171  
\251\314\137\371\205\372\122\305\215\370\221\024\353\072\015\027  
\320\122\302\173\343\302\163\216\106\170\006\070\054\350\134\332  
\146\304\364\244\360\126\031\063\051\132\145\222\005\107\106\112  
\253\204\303\036\047\241\037\021\222\231\047\165\223\017\274\066  
\073\227\127\217\046\133\014\273\234\017\324\156\060\007\324\334  
\137\066\150\146\071\203\226\047\046\212\310\304\071\376\232\041  
\157\325\162\206\351\177\142\345\227\116\320\044\320\100\260\320  
\165\010\216\275\150\356\010\327\156\174\020\160\106\033\174\340  
\210\262\236\162\206\231\001\343\277\237\111\031\264\045\276\126  
\145\256\027\143\345\036\337\350\377\107\245\277\341\046\005\204  
\344\260\300\257\347\010\231\250\014\136\046\200\105\324\370\150  
\057\226\217\256\342\112\034\234\026\014\023\157\070\207\366\273  
\310\064\137\222\003\121\171\160\246\337\313\365\231\115\171\315  
\116\274\127\237\103\116\153\056\053\030\370\152\163\214\272\305  
\065\357\071\152\101\036\317\161\250\242\262\206\007\133\072\311  
\341\357\077\145\004\200\107\062\104\160\225\116\061\147\152\164  
\133\020\105\165\352\260\237\320\346\065\376\116\237\213\314\053  
\222\105\133\156\045\140\205\106\315\321\252\260\166\146\223\167  
\226\276\203\276\070\266\044\116\046\013\314\355\172\126\032\340

```
\351\132\306\144\255\114\172\000\110\104\057\271\100\273\023\076
\276\025\170\235\205\201\112\052\127\336\325\031\103\332\333\312
\133\107\206\203\013\077\266\015\166\170\163\171\042\136\261\200
\037\317\276\321\077\126\020\230\053\225\207\241\037\235\144\024
\140\071\054\263\000\125\056\344\365\263\016\127\304\221\101\000
\234\077\350\245\337\352\366\377\310\360\255\155\122\250\027\253
\233\141\374\022\121\065\344\045\375\257\252\152\206\071
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
```

# Trust for "HiPKI Root CA - G1"

# Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW

# Serial Number:2d:dd:ac:ce:62:97:94:a1:43:e8:b0:cd:76:6a:5e:60

# Subject: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW

# Not Valid Before: Fri Feb 22 09:46:04 2019

# Not Valid After : Thu Dec 31 15:59:59 2037

# Fingerprint (SHA-256):

F0:15:CE:3C:C2:39:BF:EF:06:4B:E9:F1:D2:C4:17:E1:A0:26:4A:0A:94:BE:1F:0C:8D:12:18:64:EB:69:49:CC

# Fingerprint (SHA1): 6A:92:E4:A8:EE:1B:EC:96:45:37:E3:29:57:49:CD:96:E3:E5:D2:60

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "HiPKI Root CA - G1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\152\222\344\250\356\033\354\226\105\067\343\051\127\111\315\226
\343\345\322\140
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\151\105\337\026\145\113\350\150\232\217\166\137\377\200\236\323
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\117\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\033\060\031\006\003\125\004\003\014\022\110
\151\120\113\111\040\122\157\157\164\040\103\101\040\055\040\107
\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\055\335\254\316\142\227\224\241\103\350\260\315\166\152
\136\140
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GlobalSign ECC Root CA - R4"

#

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4

# Serial Number:02:03:e5:7e:f5:3f:93:fd:a5:09:21:b2:a6

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4

# Not Valid Before: Tue Nov 13 00:00:00 2012

# Not Valid After : Tue Jan 19 03:14:07 2038

# Fingerprint (SHA-256):

B0:85:D7:0B:96:4F:19:1A:73:E4:AF:0D:54:AE:7A:0E:07:AA:FD:AF:9B:71:DD:08:62:13:8A:B7:32:5A:24:A2

# Fingerprint (SHA1): 6B:A0:B0:98:E1:71:EF:5A:AD:FE:48:15:80:77:10:F4:BD:6F:0B:28

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign ECC Root CA - R4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\015\002\003\345\176\365\077\223\375\245\011\041\262\246

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\001\334\060\202\001\203\240\003\002\001\002\002\015\002  
\003\345\176\365\077\223\375\245\011\041\262\246\060\012\006\010  
\052\206\110\316\075\004\003\002\060\120\061\044\060\042\006\003  
\125\004\013\023\033\107\154\157\142\141\154\123\151\147\156\040  
\105\103\103\040\122\157\157\164\040\103\101\040\055\040\122\064  
\061\023\060\021\006\003\125\004\012\023\012\107\154\157\142\141  
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012  
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\062

```
\061\061\061\063\060\060\060\060\060\060\132\027\015\063\070\060
\061\061\071\060\063\061\064\060\067\132\060\120\061\044\060\042
\006\003\125\004\013\023\033\107\154\157\142\141\154\123\151\147
\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040
\122\064\061\023\060\021\006\003\125\004\012\023\012\107\154\157
\142\141\154\123\151\147\156\061\023\060\021\006\003\125\004\003
\023\012\107\154\157\142\141\154\123\151\147\156\060\131\060\023
\006\007\052\206\110\316\075\002\001\006\010\052\206\110\316\075
\003\001\007\003\102\000\004\270\306\171\323\217\154\045\016\237
\056\071\031\034\003\244\256\232\345\071\007\011\026\312\143\261
\271\206\370\212\127\301\127\316\102\372\163\241\367\145\102\377
\036\301\000\262\156\163\016\377\307\041\345\030\244\252\331\161
\077\250\324\271\316\214\035\243\102\060\100\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\206\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003
\125\035\016\004\026\004\024\124\260\173\255\105\270\342\100\177
\373\012\156\373\276\063\311\074\243\204\325\060\012\006\010\052
\206\110\316\075\004\003\002\003\107\000\060\104\002\040\042\117
\164\162\271\140\257\361\346\234\240\026\005\120\137\303\136\073
\156\141\164\357\276\001\304\276\030\110\131\141\202\062\002\040
\046\235\124\143\100\336\067\140\120\317\310\330\355\235\202\256
\067\230\274\243\217\114\114\251\064\053\154\357\373\225\233\046
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GlobalSign ECC Root CA - R4"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Serial Number:02:03:e5:7e:f5:3f:93:fd:a5:09:21:b2:a6
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
B0:85:D7:0B:96:4F:19:1A:73:E4:AF:0D:54:AE:7A:0E:07:AA:FD:AF:9B:71:DD:08:62:13:8A:B7:32:5A:24:A2
# Fingerprint (SHA1): 6B:A0:B0:98:E1:71:EF:5A:AD:FE:48:15:80:77:10:F4:BD:6F:0B:28
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\153\240\260\230\341\161\357\132\255\376\110\025\200\167\020\364
\275\157\013\050
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\046\051\370\155\341\210\277\242\145\177\252\304\315\017\177\374
END
```

```

CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\176\365\077\223\375\245\011\041\262\246
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R1"
#
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:93:6f:31:b0:13:49:88:6b:a2:17
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
D9:47:43:2A:BD:E7:B7:FA:90:FC:2E:6B:59:10:1B:12:80:E0:E1:C7:E4:E4:0F:A3:C6:88:7F:FF:57:A7:F4:CF
# Fingerprint (SHA1): E5:8C:1C:C4:91:3B:38:63:4B:E9:10:6E:E3:AD:8E:6B:9D:D9:81:4A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END

```

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\015\002\003\345\223\157\061\260\023\111\210\153\242\027

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\127\060\202\003\077\240\003\002\001\002\002\015\002  
\003\345\223\157\061\260\023\111\210\153\242\027\060\015\006\011  
\052\206\110\206\367\015\001\001\014\005\000\060\107\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003  
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163  
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024  
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157  
\164\040\122\061\060\036\027\015\061\066\060\066\062\062\060\060  
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060  
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157  
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151  
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003  
\023\013\107\124\123\040\122\157\157\164\040\122\061\060\202\002  
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\266\021  
\002\213\036\343\241\167\233\073\334\277\224\076\267\225\247\100  
\074\241\375\202\371\175\062\006\202\161\366\366\214\177\373\350  
\333\274\152\056\227\227\243\214\113\371\053\366\261\371\316\204  
\035\261\371\305\227\336\357\271\362\243\351\274\022\211\136\247  
\252\122\253\370\043\047\313\244\261\234\143\333\327\231\176\360  
\012\136\353\150\246\364\306\132\107\015\115\020\063\343\116\261  
\023\243\310\030\154\113\354\374\011\220\337\235\144\051\045\043  
\007\241\264\322\075\056\140\340\317\322\011\207\273\315\110\360  
\115\302\302\172\210\212\273\272\317\131\031\326\257\217\260\007  
\260\236\061\361\202\301\300\337\056\246\155\154\031\016\265\330  
\176\046\032\105\003\075\260\171\244\224\050\255\017\177\046\345  
\250\010\376\226\350\074\150\224\123\356\203\072\210\053\025\226  
\011\262\340\172\214\056\165\326\234\353\247\126\144\217\226\117  
\150\256\075\227\302\204\217\300\274\100\300\013\134\275\366\207  
\263\065\154\254\030\120\177\204\340\114\315\222\323\040\351\063  
\274\122\231\257\062\265\051\263\045\052\264\110\371\162\341\312  
\144\367\346\202\020\215\350\235\302\212\210\372\070\146\212\374  
\143\371\001\371\170\375\173\134\167\372\166\207\372\354\337\261  
\016\171\225\127\264\275\046\357\326\001\321\353\026\012\273\216  
\013\265\305\305\212\125\253\323\254\352\221\113\051\314\031\244  
\062\045\116\052\361\145\104\320\002\316\252\316\111\264\352\237  
\174\203\260\100\173\347\103\253\247\154\243\217\175\211\201\372  
\114\245\377\325\216\303\316\113\340\265\330\263\216\105\317\166  
\300\355\100\053\375\123\017\260\247\325\073\015\261\212\242\003  
\336\061\255\314\167\352\157\173\076\326\337\221\042\022\346\276  
\372\330\062\374\020\143\024\121\162\336\135\326\026\223\275\051  
\150\063\357\072\146\354\007\212\046\337\023\327\127\145\170\047  
\336\136\111\024\000\242\000\177\232\250\041\266\251\261\225\260



\245\271\015\026\021\332\307\154\110\074\100\340\176\015\132\315  
\126\074\321\227\005\271\313\113\355\071\113\234\304\077\322\125  
\023\156\044\260\326\161\372\364\301\272\314\355\033\365\376\201  
\101\330\000\230\075\072\310\256\172\230\067\030\005\225\002\003  
\001\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004  
\026\004\024\344\257\053\046\161\032\053\110\047\205\057\122\146  
\054\357\360\211\023\161\076\060\015\006\011\052\206\110\206\367  
\015\001\001\014\005\000\003\202\002\001\000\237\252\102\046\333  
\013\233\276\377\036\226\222\056\076\242\145\112\152\230\272\042  
\313\175\301\072\330\202\012\006\306\366\245\336\300\116\207\146  
\171\241\371\246\130\234\252\371\265\346\140\347\340\350\261\036  
\102\101\063\013\067\075\316\211\160\025\312\265\044\250\317\153  
\265\322\100\041\230\317\042\064\317\073\305\042\204\340\305\016  
\212\174\135\210\344\065\044\316\233\076\032\124\036\156\333\262  
\207\247\374\363\372\201\125\024\142\012\131\251\042\005\061\076  
\202\326\356\333\127\064\274\063\225\323\027\033\350\047\242\213  
\173\116\046\032\172\132\144\266\321\254\067\361\375\240\363\070  
\354\162\360\021\165\235\313\064\122\215\346\166\153\027\306\337  
\206\253\047\216\111\053\165\146\201\020\041\246\352\076\364\256  
\045\377\174\025\336\316\214\045\077\312\142\160\012\367\057\011  
\146\007\310\077\034\374\360\333\105\060\337\142\210\301\265\017  
\235\303\237\112\336\131\131\107\305\207\042\066\346\202\247\355  
\012\271\342\007\240\215\173\172\112\074\161\322\342\003\241\037  
\062\007\335\033\344\102\316\014\000\105\141\200\265\013\040\131  
\051\170\275\371\125\313\143\305\074\114\364\266\377\333\152\137  
\061\153\231\236\054\301\153\120\244\327\346\030\024\275\205\077  
\147\253\106\237\240\377\102\247\072\177\134\313\135\260\160\035  
\053\064\365\324\166\011\014\353\170\114\131\005\363\063\102\303  
\141\025\020\033\167\115\316\042\214\324\205\362\105\175\267\123  
\352\357\100\132\224\012\134\040\137\116\100\135\142\042\166\337  
\377\316\141\275\214\043\170\322\067\002\340\216\336\321\021\067  
\211\366\277\355\111\007\142\256\222\354\100\032\257\024\011\331  
\320\116\262\242\367\276\356\356\330\377\334\032\055\336\270\066  
\161\342\374\171\267\224\045\321\110\163\133\241\065\347\263\231  
\147\165\301\031\072\053\107\116\323\102\216\375\061\310\026\146  
\332\322\014\074\333\263\216\311\241\015\200\017\173\026\167\024  
\277\377\333\011\224\262\223\274\040\130\025\351\333\161\103\363  
\336\020\303\000\334\250\052\225\266\302\326\077\220\153\166\333  
\154\376\214\274\362\160\065\014\334\231\031\065\334\327\310\106  
\143\325\066\161\256\127\373\267\202\155\334

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R1"

```
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:93:6f:31:b0:13:49:88:6b:a2:17
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
D9:47:43:2A:BD:E7:B7:FA:90:FC:2E:6B:59:10:1B:12:80:E0:E1:C7:E4:E4:0F:A3:C6:88:7F:FF:57:A7:F4:CF
# Fingerprint (SHA1): E5:8C:1C:C4:91:3B:38:63:4B:E9:10:6E:E3:AD:8E:6B:9D:D9:81:4A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\345\214\034\304\221\073\070\143\113\351\020\156\343\255\216\153
\235\331\201\112
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\005\376\320\277\161\250\243\166\143\332\001\340\330\122\334\100
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\223\157\061\260\023\111\210\153\242\027
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "GTS Root R2"
```

```
#
```

```
# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:ae:c5:8d:04:25:1a:ab:11:25:aa
# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
8D:25:CD:97:22:9D:BF:70:35:6B:DA:4E:B3:CC:73:40:31:E2:4C:F0:0F:AF:CF:D3:2D:C7:6E:B5:84:1C:7E:A8
# Fingerprint (SHA1): 9A:44:49:76:32:DB:DE:FA:D0:BC:FB:5A:7B:17:BD:9E:56:09:24:94
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_ID UTF8 ""
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\256\305\215\004\045\032\253\021\045\252
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\127\060\202\003\077\240\003\002\001\002\002\015\002
\003\345\256\305\215\004\045\032\253\021\045\252\060\015\006\011
\052\206\110\206\367\015\001\001\014\005\000\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157
\164\040\122\062\060\036\027\015\061\066\060\066\062\062\060\060
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003
\023\013\107\124\123\040\122\157\157\164\040\122\062\060\202\002
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\316\336
\375\246\373\354\354\024\064\074\007\006\132\154\131\367\031\065
\335\367\301\235\125\252\323\315\073\244\223\162\357\012\372\155
\235\366\360\205\200\133\241\110\122\237\071\305\267\356\050\254
\357\313\166\150\024\271\337\255\001\154\231\037\304\042\035\237
\376\162\167\340\054\133\257\344\004\277\117\162\240\032\064\230
\350\071\150\354\225\045\173\166\241\346\151\271\205\031\275\211
\214\376\255\355\066\352\163\274\377\203\342\313\175\301\322\316
\112\263\215\005\236\213\111\223\337\301\133\320\156\136\360\056
\060\056\202\374\372\274\264\027\012\110\345\210\233\305\233\153
```

\336\260\312\264\003\360\332\364\220\270\145\144\367\134\114\255  
\350\176\146\136\231\327\270\302\076\310\320\023\235\255\356\344  
\105\173\211\125\367\212\037\142\122\204\022\263\302\100\227\343  
\212\037\107\221\246\164\132\322\370\261\143\050\020\270\263\011  
\270\126\167\100\242\046\230\171\306\376\337\045\356\076\345\240  
\177\324\141\017\121\113\074\077\214\332\341\160\164\330\302\150  
\241\371\301\014\351\241\342\177\273\125\074\166\006\356\152\116  
\314\222\210\060\115\232\275\117\013\110\232\204\265\230\243\325  
\373\163\301\127\141\335\050\126\165\023\256\207\216\347\014\121  
\011\020\165\210\114\274\215\371\173\074\324\042\110\037\052\334  
\353\153\273\104\261\313\063\161\062\106\257\255\112\361\214\350  
\164\072\254\347\032\042\163\200\322\060\367\045\102\307\042\073  
\073\022\255\226\056\306\303\166\007\252\040\267\065\111\127\351  
\222\111\350\166\026\162\061\147\053\226\176\212\243\307\224\126  
\042\277\152\113\176\001\041\262\043\062\337\344\232\104\155\131  
\133\135\365\000\240\034\233\306\170\227\215\220\377\233\310\252  
\264\257\021\121\071\136\331\373\147\255\325\133\021\235\062\232  
\033\275\325\272\133\245\311\313\045\151\123\125\047\134\340\312  
\066\313\210\141\373\036\267\320\313\356\026\373\323\246\114\336  
\222\245\324\342\337\365\006\124\336\056\235\113\264\223\060\252  
\201\316\335\032\334\121\163\015\117\160\351\345\266\026\041\031  
\171\262\346\211\013\165\144\312\325\253\274\011\301\030\241\377  
\324\124\241\205\074\375\024\044\003\262\207\323\244\267\002\003  
\001\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004  
\026\004\024\273\377\312\216\043\237\117\231\312\333\342\150\246  
\245\025\047\027\036\331\016\060\015\006\011\052\206\110\206\367  
\015\001\001\014\005\000\003\202\002\001\000\037\312\316\335\307  
\276\241\237\331\047\114\013\334\027\230\021\152\210\336\075\346  
\161\126\162\262\236\032\116\234\325\053\230\044\135\233\153\173  
\260\063\202\011\275\337\045\106\352\230\236\266\033\376\203\074  
\322\142\141\301\004\355\316\340\305\311\310\023\023\125\347\250  
\143\255\214\173\001\376\167\060\341\316\150\233\005\370\022\356  
\171\061\240\101\105\065\050\012\161\244\044\117\214\334\074\202  
\007\137\146\334\175\020\376\014\141\263\005\225\356\341\256\201  
\017\250\370\307\217\115\250\043\002\046\153\035\203\122\125\316  
\265\057\000\312\200\100\340\341\164\254\140\365\207\200\235\256  
\066\144\221\135\260\150\030\352\212\141\311\167\250\227\304\311  
\307\245\374\125\113\363\360\177\271\145\075\047\150\320\314\153  
\372\123\235\341\221\032\311\135\032\226\155\062\207\355\003\040  
\310\002\316\132\276\331\352\375\262\115\304\057\033\337\137\172  
\365\370\213\306\356\061\072\045\121\125\147\215\144\062\173\351  
\236\303\202\272\052\055\351\036\264\340\110\006\242\374\147\257  
\037\042\002\163\373\040\012\257\235\124\113\241\315\377\140\107  
\260\077\135\357\033\126\275\227\041\226\055\012\321\136\235\070  
\002\107\154\271\364\366\043\045\270\240\152\232\053\167\010\372  
\304\261\050\220\046\130\010\074\342\176\252\327\075\157\272\061

```
\210\012\005\353\047\265\241\111\356\240\105\124\173\346\047\145
\231\040\041\250\243\274\373\030\226\273\122\157\014\355\203\121
\114\351\131\342\040\140\305\302\145\222\202\214\363\020\037\016
\212\227\276\167\202\155\077\217\035\135\274\111\047\275\314\117
\017\341\316\166\206\004\043\305\300\214\022\133\375\333\204\240
\044\361\110\377\144\174\320\276\134\026\321\357\231\255\300\037
\373\313\256\274\070\042\006\046\144\332\332\227\016\077\050\025
\104\250\117\000\312\360\232\314\317\164\152\264\076\074\353\225
\354\265\323\132\330\201\231\351\103\030\067\353\263\273\321\130
\142\101\363\146\322\217\252\170\225\124\040\303\132\056\164\053
\325\321\276\030\151\300\254\325\244\317\071\272\121\204\003\145
\351\142\300\142\376\330\115\125\226\342\320\021\372\110\064\021
\354\236\355\005\035\344\310\326\035\206\313
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GTS Root R2"
```

```
# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
```

```
# Serial Number:02:03:e5:ae:c5:8d:04:25:1a:ab:11:25:aa
```

```
# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US
```

```
# Not Valid Before: Wed Jun 22 00:00:00 2016
```

```
# Not Valid After : Sun Jun 22 00:00:00 2036
```

```
# Fingerprint (SHA-256):
```

```
8D:25:CD:97:22:9D:BF:70:35:6B:DA:4E:B3:CC:73:40:31:E2:4C:F0:0F:AF:CF:D3:2D:C7:6E:B5:84:1C:7E:A8
```

```
# Fingerprint (SHA1): 9A:44:49:76:32:DB:DE:FA:D0:BC:FB:5A:7B:17:BD:9E:56:09:24:94
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GTS Root R2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\232\104\111\166\062\333\336\372\320\274\373\132\173\027\275\236
\126\011\044\224
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\036\071\300\123\346\036\051\202\013\312\122\125\066\135\127\334
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\015\002\003\345\256\305\215\004\045\032\253\021\045\252
```

```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R3"
#
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:b8:82:eb:20:f8:25:27:6d:3d:66
# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
34:D8:A7:3E:E2:08:D9:BC:DB:0D:95:65:20:93:4B:4E:40:E6:94:82:59:6E:8B:6F:73:C8:42:6B:01:0A:6F:48
# Fingerprint (SHA1): ED:E5:71:80:2B:C8:92:B9:5B:83:3C:D2:32:68:3F:09:CD:A0:1E:46
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\270\202\353\040\370\045\047\155\075\146
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\011\060\202\001\216\240\003\002\001\002\002\015\002
\003\345\270\202\353\040\370\045\047\155\075\146\060\012\006\010
\052\206\110\316\075\004\003\003\060\107\061\013\060\011\006\003
\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012
\023\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123
\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006

```

\003\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122  
\063\060\036\027\015\061\066\060\066\062\062\060\060\060\060\060  
\060\132\027\015\063\066\060\066\062\062\060\060\060\060\060  
\132\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154  
\145\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163  
\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107  
\124\123\040\122\157\157\164\040\122\063\060\166\060\020\006\007  
\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142  
\000\004\037\117\063\207\063\051\212\241\204\336\313\307\041\130  
\101\211\352\126\235\053\113\205\306\035\114\047\274\177\046\121  
\162\157\342\237\326\243\312\314\105\024\106\213\255\357\176\206  
\214\354\261\176\057\377\251\161\235\030\204\105\004\101\125\156  
\053\352\046\177\273\220\001\343\113\031\272\344\124\226\105\011  
\261\325\154\221\104\255\204\023\216\232\214\015\200\014\062\366  
\340\047\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\301\361\046\272\240\055\256\205\201\317\323\361\052\022  
\275\270\012\147\375\274\060\012\006\010\052\206\110\316\075\004  
\003\003\003\151\000\060\146\002\061\000\366\341\040\225\024\173  
\124\243\220\026\021\277\204\310\352\157\153\027\236\036\106\230  
\040\233\237\323\015\331\254\323\057\315\174\370\133\056\125\273  
\277\335\222\367\244\014\334\061\341\242\002\061\000\374\227\146  
\146\345\103\026\023\203\335\307\337\057\276\024\070\355\001\316  
\261\027\032\021\165\351\275\003\217\046\176\204\345\311\140\246  
\225\327\124\131\267\347\021\054\211\324\271\356\027

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R3"

# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US

# Serial Number:02:03:e5:b8:82:eb:20:f8:25:27:6d:3d:66

# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

34:D8:A7:3E:E2:08:D9:BC:DB:0D:95:65:20:93:4B:4E:40:E6:94:82:59:6E:8B:6F:73:C8:42:6B:01:0A:6F:48

# Fingerprint (SHA1): ED:E5:71:80:2B:C8:92:B9:5B:83:3C:D2:32:68:3F:09:CD:A0:1E:46

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GTS Root R3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\355\345\161\200\053\310\222\271\133\203\074\322\062\150\077\011

```

\315\240\036\106
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\347\235\130\002\224\106\121\224\345\340\042\112\213\347\163
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\270\202\353\040\370\045\047\155\075\146
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R4"
#
# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:c0:68:ef:63:1a:9c:72:90:50:52
# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
34:9D:FA:40:58:C5:E2:63:12:3B:39:8A:E7:95:57:3C:4E:13:13:C8:3F:E6:8F:93:55:6C:D5:E8:03:1B:3C:7D
# Fingerprint (SHA1): 77:D3:03:67:B5:E0:0C:15:F6:0C:38:61:DF:7C:E1:3B:92:46:4D:47
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145

```



\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\011\060\202\001\216\240\003\002\001\002\002\015\002  
\003\345\300\150\357\143\032\234\162\220\120\122\060\012\006\010  
\052\206\110\316\075\004\003\003\060\107\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012  
\023\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123  
\145\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006  
\003\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122  
\064\060\036\027\015\061\066\060\066\062\062\060\060\060\060  
\060\132\027\015\063\066\060\066\062\062\060\060\060\060\060  
\132\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154  
\145\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163  
\040\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107  
\124\123\040\122\157\157\164\040\122\064\060\166\060\020\006\007  
\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142  
\000\004\363\164\163\247\150\213\140\256\103\270\065\305\201\060  
\173\113\111\235\373\301\141\316\346\336\106\275\153\325\141\030  
\065\256\100\335\163\367\211\221\060\132\353\074\356\205\174\242  
\100\166\073\251\306\270\107\330\052\347\222\221\152\163\351\261  
\162\071\237\051\237\242\230\323\137\136\130\206\145\017\241\204  
\145\006\321\334\213\311\307\163\310\214\152\057\345\304\253\321  
\035\212\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\200\114\326\353\164\377\111\066\243\325\330\374\265\076  
\305\152\360\224\035\214\060\012\006\010\052\206\110\316\075\004  
\003\003\003\151\000\060\146\002\061\000\350\100\377\203\336\003  
\364\237\256\035\172\247\056\271\257\117\366\203\035\016\055\205  
\001\035\321\331\152\354\017\302\257\307\136\126\136\134\325\034  
\130\042\050\013\367\060\266\057\261\174\002\061\000\360\141\074  
\247\364\240\202\343\041\325\204\035\163\206\234\055\257\312\064  
\233\361\237\271\043\066\342\274\140\003\235\200\263\232\126\310  
\341\342\273\024\171\312\315\041\324\224\265\111\103

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R4"

# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US

```

# Serial Number:02:03:e5:c0:68:ef:63:1a:9c:72:90:50:52
# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
34:9D:FA:40:58:C5:E2:63:12:3B:39:8A:E7:95:57:3C:4E:13:13:C8:3F:E6:8F:93:55:6C:D5:E8:03:1B:3C:7D
# Fingerprint (SHA1): 77:D3:03:67:B5:E0:0C:15:F6:0C:38:61:DF:7C:E1:3B:92:46:4D:47
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\167\323\003\147\265\340\014\025\366\014\070\141\337\174\341\073
\222\106\115\107
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\226\203\167\031\115\166\263\235\145\122\344\035\042\245\350
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

Found in path(s):

\* /opt/cola/permits/1255209723\_1642677937.1/0/ca-certificates-20211220-r0-tgz/src/ca-certificates-20211220/certdata.txt

\* /opt/cola/permits/1255209723\_1642677937.1/0/ca-certificates-20211220-r0-tgz/src/ca-certificates-20211220-tar-bz2/ca-certificates-20211220/certdata.txt

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/\* c\_rehash.c - Create hash symlinks for certificates

\* C implementation based on the original Perl and shell versions

\*

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\*/

Found in path(s):

\* /opt/cola/permits/1255209723\_1642677937.1/0/ca-certificates-20211220-r0-tgz/src/ca-certificates-20211220/c\_rehash.c

\* /opt/cola/permits/1255209723\_1642677937.1/0/ca-certificates-20211220-r0-tgz/src/ca-certificates-20211220-tar-bz2/ca-certificates-20211220/c\_rehash.c

## 1.250 gax-go 2.0.5

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## 1.251 autotools-dev 20180224.1

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## 1.254 goxmldsig 1.1.0

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# 1.258 e2fsprogs 1.45.5 2ubuntu1

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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#

# This is a Makefile stub which handles the creation of BSD shared  
# libraries.

#

# In order to use this stub, the following makefile variables must be defined.

#

# BSDLIB\_VERSION = 1.0

# BSDLIB\_IMAGE = libce

# BSDLIB\_MYDIR = et

# BSDLIB\_INSTALL\_DIR = \$(SHLIBDIR)

#

all:: image



real-subdirs:: Makefile

```
@echo " MKDIR pic"
```

```
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
```

```
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)
```

```
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
```

```
$(MV) pic/$(BSD_LIB) .
```

```
$(RM) -f ../$(BSD_LIB)
```

```
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
```

```
`echo $(my_dir) | sed -e 's/lib/;"/$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
```

```
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
```

```
@$(INSTALL_PROGRAM) $(BSD_LIB) \
```

```
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
@-$(LDCONFIG)
```

```
install-strip: install
```

```
install-shlibs-strip:: install-shlibs
```

```
uninstall-shlibs uninstall::
```

```
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
```

```
$(RM) -rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Index: tdbsa/tdb.c

=====  
--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c  
@@ -4,11 +4,11 @@ Rev: 23371  
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)  
\*/  
/\*

- Unix SMB/CIFS implementation.  
+ trivial database library - standalone version

- trivial database library - private includes

-  
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Theodore Ts'o  
23-June-2007

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
[tsx-11.mit.edu:/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu:/pub/linux/packages/ext2fs/)

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Gadi Oxman, August 1995

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## 1.270 systemd 245.4 4ubuntu3.17

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2008 Michael Wu <flamingice@sourmilk.net>

2008 Luis Carlos Cobo <luisca@cozybit.com>

2008 Michael Buesch <m@bues.ch>

2008, 2009 Luis R. Rodriguez <lrodriguez@atheros.com>

2008 Jouni Malinen <jouni.malinen@atheros.com>

2008 Colin McCabe <colin@cozybit.com>

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2009 Wolfgang Grandegger <wg@grandegger.com>

1999 Thomas Davis <tadavis@lbl.gov>

2015 Sabrina Dubroca <sd@queasysnail.net>

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# 1.273 ansible-base 2.10.14

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It was downloaded from <https://github.com/ansible/ansible.git>

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bugfixes:

- "Prevent templating unused variables for { % include % } (<https://github.com/ansible/ansible/issues/68699>)"

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include/bsd/vis.h  
man/bitstring.3bsd  
man/errc.3bsd  
man/explicit\_bzero.3bsd  
man/fgetln.3bsd  
man/fgetwln.3bsd  
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src/arc4random\_linux.h  
src/arc4random\_openbsd.h  
src/arc4random\_uniform.c  
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src/closefrom.c  
src/getentropy\_aix.c  
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src/hash/md5.c

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## 1.275 gokrb5 8.4.2

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## 1.277 jackc-pgproto 2.2.0

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cmd/krb5/iprof/iprof\_hdr.h  
cmd/krb5/kadmin/server/iprofd\_svc.c  
cmd/krb5/kproplog/kproplog.c  
cmd/krb5/slave/kpropd\_rpc.c  
lib/gss\_mechs/mech\_krb5/et/kdb5\_err.c  
lib/gss\_mechs/mech\_spnego/mech/gssapiP\_spnego.h  
lib/gss\_mechs/mech\_spnego/mech/spnego\_mech.c  
lib/krb5/kadm5/kadm\_host\_srv\_names.c  
lib/krb5/kdb/kdb\_convert.c  
lib/krb5/kdb/kdb\_hdr.h  
lib/krb5/kdb/kdb\_log.c  
lib/krb5/kdb/kdb\_log.h  
lib/libgss/g\_accept\_sec\_context.c  
lib/libgss/g\_acquire\_cred.c  
lib/libgss/g\_canon\_name.c  
lib/libgss/g\_compare\_name.c  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
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lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c

lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c

lib/kdb/iprof.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
kprop/kpropd\_rpc.c  
kprop/kproplog.c

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- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses

the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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This option is useful when you wish to copy part of the code of



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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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```
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```
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#+STARTUP: showall
```

\* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

-----  
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## 1.292 audit 2.8.5-2ubuntu6

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## 1.296 grep 3.4 1

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Jan Mercl <0xjnm@gmail.com>  
Jonathan Swinney <jswinney@amazon.com>  
Kai Backman <kaib@golang.org>  
Klaus Post <klauspost@gmail.com>  
Marc-Antoine Ruel <maruel@chromium.org>  
Nigel Tao <nigeltao@golang.org>  
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package api

```
import (  
    "io/ioutil"  
    "strings"  
    "time"  
)
```

```
type License struct {  
    // The unique identifier of the license  
    LicenseID string `json:"license_id"`  
  
    // The customer ID associated with the license  
    CustomerID string `json:"customer_id"`  
  
    // If set, an identifier that should be used to lock the license to a  
    // particular site, cluster, etc.  
    InstallationID string `json:"installation_id"`  
  
    // The time at which the license was issued  
    IssueTime time.Time `json:"issue_time"`  
  
    // The time at which the license starts being valid  
    StartTime time.Time `json:"start_time"`  
  
    // The time after which the license expires  
    ExpirationTime time.Time `json:"expiration_time"`  
  
    // The time at which the license ceases to function and can  
    // no longer be used in any capacity  
    TerminationTime time.Time `json:"termination_time"`  
  
    // The product the license is valid for  
    Product string `json:"product"`  
  
    // License Specific Flags  
    Flags map[string]interface{} `json:"flags"`
```

```

// Modules is a list of the licensed enterprise modules
Modules []string `json:"modules"`

// List of features enabled by the license
Features []string `json:"features"`
}

type LicenseReply struct {
    Valid bool
    License *License
    Warnings []string
}

func (op *Operator) LicenseGet(q *QueryOptions) (*LicenseReply, error) {
    var reply LicenseReply
    if _, err := op.c.query("/v1/operator/license", &reply, q); err != nil {
        return nil, err
    } else {
        return &reply, nil
    }
}

func (op *Operator) LicenseGetSigned(q *QueryOptions) (string, error) {
    r := op.c.newRequest("GET", "/v1/operator/license")
    r.params.Set("signed", "1")
    r.setQueryOptions(q)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return "", err
    }
    defer resp.Body.Close()

    data, err := ioutil.ReadAll(resp.Body)
    if err != nil {
        return "", err
    }

    return string(data), nil
}

// LicenseReset will reset the license to the builtin one if it is still valid.
// If the builtin license is invalid, the current license stays active.
func (op *Operator) LicenseReset(opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("DELETE", "/v1/operator/license")
    r.setWriteOptions(opts)
    _, resp, err := requireOK(op.c.doRequest(r))

```

```

if err != nil {
    return nil, err
}
defer resp.Body.Close()

if err := decodeBody(resp, &reply); err != nil {
    return nil, err
}

return &reply, nil
}

func (op *Operator) LicensePut(license string, opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.NewRequest("PUT", "/v1/operator/license")
    r.setWriteOptions(opts)
    r.body = strings.NewReader(license)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()

    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }

    return &reply, nil
}

```

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Brian Goff <cpuguy83@gmail.com>  
Clayton Coleman <ccoleman@redhat.com>  
Denis Smirnov <denis.smirnov.91@gmail.com>  
DongYun Kang <ceram1000@gmail.com>  
Dwayne Schultz <dschultz@pivotal.io>  
Georg Apitz <gapitz@pivotal.io>  
Gustav Paul <gustav.paul@gmail.com>  
Johan Brandhorst <johan.brandhorst@gmail.com>  
John Shahid <jvshahid@gmail.com>  
John Tuley <john@tuley.org>  
Laurent <laurent@adyoulike.com>  
Patrick Lee <patrick@dropbox.com>  
Peter Edge <peter.edge@gmail.com>  
Roger Johansson <rogeralsing@gmail.com>  
Sam Nguyen <sam.nguyen@sendgrid.com>  
Sergio Arbeo <serabe@gmail.com>  
Stephen J Day <stephen.day@docker.com>  
Tamir Duberstein <tamird@gmail.com>  
Todd Eisenberger <teisenberger@dropbox.com>  
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Configurable modular Prometheus exporter for various node metrics.

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Alex A. Skinner

Andrew Tunnell-Jones

Ask Bjrñ Hansen

Dave Cheney

Dusty Wilson

Marek Majkowski

Peter van Dijk

Omri Bahumi

Alex Sergeev

James Hartig

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#

Andreas Jaekle <andreas@jaekle.net>

Dmitri Shuralyov <shurcool@gmail.com>

Ethan Mosbaugh <emosbaugh@gmail.com>

Soheil Hassas Yeganeh <soheil.h.y@gmail.com>

Soheil Hassas Yeganeh <soheil@cs.toronto.edu>

Tamir Duberstein <tamir@cockroachlabs.com>

Tamir Duberstein <tamird@gmail.com>

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package spec

import (

"encoding/json"

"github.com/go-openapi/swag"

)

// License information for the exposed API.

//

// For more information: <http://goo.gl/8us55a#licenseObject>

type License struct {

LicenseProps

VendorExtensible

}

type LicenseProps struct {

Name string `json:"name,omitempty"`

URL string `json:"url,omitempty"`

}

```
func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}
```

```
func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}
```

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# Name <email address>

Raul Silvera <rsilvera@google.com>

Tipp Moseley <tipp@google.com>

Hyoun Kyu Cho <netforce@google.com>

Martin Spier <spiermar@gmail.com>

Taco de Wolff <tacodewolff@gmail.com>

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Support for streaming Protocol Buffer messages for the Go language (golang).

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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\*/

package minio

import (

"bytes"

"context"

"encoding/xml"

"fmt"

"net/http"

"net/url"

"github.com/minio/minio-go/v7/pkg/s3utils"

)

// objectLegalHold - object legal hold specified in

// <https://docs.aws.amazon.com/AmazonS3/latest/API/archive-RESTObjectPUTLegalHold.html>

type objectLegalHold struct {

XMLNS string `xml:"xmlns,attr,omitempty"`

```

XMLName xml.Name    `xml:"LegalHold"`
Status LegalHoldStatus `xml:"Status,omitempty"`
}

// PutObjectLegalHoldOptions represents options specified by user for PutObjectLegalHold call
type PutObjectLegalHoldOptions struct {
    VersionID string
    Status    *LegalHoldStatus
}

// GetObjectLegalHoldOptions represents options specified by user for GetObjectLegalHold call
type GetObjectLegalHoldOptions struct {
    VersionID string
}

// LegalHoldStatus - object legal hold status.
type LegalHoldStatus string

const (
    // LegalHoldEnabled indicates legal hold is enabled
    LegalHoldEnabled LegalHoldStatus = "ON"

    // LegalHoldDisabled indicates legal hold is disabled
    LegalHoldDisabled LegalHoldStatus = "OFF"
)

func (r LegalHoldStatus) String() string {
    return string(r)
}

// IsValid - check whether this legal hold status is valid or not.
func (r LegalHoldStatus) IsValid() bool {
    return r == LegalHoldEnabled || r == LegalHoldDisabled
}

func newObjectLegalHold(status *LegalHoldStatus) (*objectLegalHold, error) {
    if status == nil {
        return nil, fmt.Errorf("Status not set")
    }
    if !status.IsValid() {
        return nil, fmt.Errorf("invalid legal hold status `%v`", status)
    }
    legalHold := &objectLegalHold{
        Status: *status,
    }
    return legalHold, nil
}

```



```

// PutObjectLegalHold : sets object legal hold for a given object and versionID.
func (c Client) PutObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
PutObjectLegalHoldOptions) error {
// Input validation.
if err := s3utils.CheckValidBucketName(bucketName); err != nil {
return err
}

if err := s3utils.CheckValidObjectName(objectName); err != nil {
return err
}

// Get resources properly escaped and lined up before
// using them in http request.
urlValues := make(url.Values)
urlValues.Set("legal-hold", "")

if opts.VersionID != "" {
urlValues.Set("versionId", opts.VersionID)
}

lh, err := newObjectLegalHold(opts.Status)
if err != nil {
return err
}

lhData, err := xml.Marshal(lh)
if err != nil {
return err
}

reqMetadata := requestMetadata{
bucketName: bucketName,
objectName: objectName,
queryValues: urlValues,
contentBody: bytes.NewReader(lhData),
contentLength: int64(len(lhData)),
contentMD5Base64: sumMD5Base64(lhData),
contentSHA256Hex: sum256Hex(lhData),
}

// Execute PUT Object Legal Hold.
resp, err := c.executeMethod(ctx, http.MethodPut, reqMetadata)
defer closeResponse(resp)
if err != nil {
return err
}
if resp != nil {

```

```

if resp.StatusCode != http.StatusOK && resp.StatusCode != http.StatusNoContent {
    return httpRespToErrorResponse(resp, bucketName, objectName)
}
}
return nil
}

// GetObjectLegalHold gets legal-hold status of given object.
func (c Client) GetObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
GetObjectLegalHoldOptions) (status *LegalHoldStatus, err error) {
    // Input validation.
    if err := s3utils.CheckValidBucketName(bucketName); err != nil {
        return nil, err
    }

    if err := s3utils.CheckValidObjectName(objectName); err != nil {
        return nil, err
    }
    urlValues := make(url.Values)
    urlValues.Set("legal-hold", "")

    if opts.VersionID != "" {
        urlValues.Set("versionId", opts.VersionID)
    }

    // Execute GET on bucket to list objects.
    resp, err := c.executeMethod(ctx, http.MethodGet, requestMetadata{
        bucketName:    bucketName,
        objectName:    objectName,
        queryValues:   urlValues,
        contentSHA256Hex: emptySHA256Hex,
    })
    defer closeResponse(resp)
    if err != nil {
        return nil, err
    }
    if resp != nil {
        if resp.StatusCode != http.StatusOK {
            return nil, httpRespToErrorResponse(resp, bucketName, objectName)
        }
    }
    lh := &objectLegalHold{}
    if err = xml.NewDecoder(resp.Body).Decode(lh); err != nil {
        return nil, err
    }

    return &lh.Status, nil
}

```

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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=====

Portions of the client are based on code at:

<https://github.com/google/go-github/>

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## 1.298 py3-cachecontrol 0.12.10-r0

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Metadata-Version: 2.1

Name: CacheControl

Version: 0.12.10

Summary: http-lib2 caching for requests

Home-page: <https://github.com/ionrock/cachecontrol>

Author: Eric Larson

Author-email: [eric@ionrock.org](mailto:eric@ionrock.org)

License: UNKNOWN

Description: ..

SPDX-FileCopyrightText: SPDX-FileCopyrightText: 2015 Eric Larson

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=====

CacheControl

=====

.. image:: <https://img.shields.io/pypi/v/cachecontrol.svg>  
:target: <https://pypi.python.org/pypi/cachecontrol>  
:alt: Latest Version

.. image:: <https://travis-ci.org/ionrock/cachecontrol.png?branch=master>  
:target: <https://travis-ci.org/ionrock/cachecontrol>

CacheControl is a port of the caching algorithms in `httplib2_` for use with `requests_` session object.

It was written because `httplib2`'s better support for caching is often mitigated by its lack of thread safety. The same is true of `requests` in terms of caching.

## Quickstart

=====

.. code-block:: python

```
import requests

from cachecontrol import CacheControl

sess = requests.session()
cached_sess = CacheControl(sess)

response = cached_sess.get('http://google.com')
```

If the URL contains any caching based headers, it will cache the result in a simple dictionary.

For more info, check out the docs\_

.. \_docs: <http://cachecontrol.readthedocs.org/en/latest/>  
.. \_httplib2: <https://github.com/httplib2/httplib2>  
.. \_requests: <http://docs.python-requests.org/>

Keywords: requests http caching web

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Environment :: Web Environment

Classifier: License :: OSI Approved :: Apache Software License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: 3.7

Classifier: Programming Language :: Python :: 3.8

Classifier: Programming Language :: Python :: 3.9  
Classifier: Programming Language :: Python :: 3.10  
Classifier: Topic :: Internet :: WWW/HTTP  
Requires-Python: >=3.6  
Provides-Extra: redis  
Provides-Extra: filecache

Found in path(s):

\* /opt/cola/permits/1233822538\_1645727267.35/0/cachecontrol-0-12-10-tar-gz/CacheControl-0.12.10/PKG-INFO  
\* /opt/cola/permits/1233822538\_1645727267.35/0/cachecontrol-0-12-10-tar-gz/CacheControl-0.12.10/CacheControl.egg-info/PKG-INFO

# 1.299 mpdecimal 2.5.1-r1

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## 1.300 facebookgo-inject 0.0.0- 20180706035515-f23751cae28b

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## 1.301 logrus 1.6.0

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compiler/cpp/src/generate/t\_ocaml\_generator.cc  
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compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thrift.ll  
compiler/cpp/src/thrift.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs

lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs  
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
lib/st/README  
lib/st/thrift.st  
test/OptionalRequiredTest.cpp  
test/OptionalRequiredTest.thrift  
test/ThriftTest.thrift

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## 1.305 bridgeutils 1.7.1

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## 1.306 urllib3 1.26.2

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```
# Contributions to the urllib3 project
```

```
## Creator & Maintainer
```

```
* Andrey Petrov <andrey.petrov@shazow.net>
```

```
## Contributors
```

In chronological order:

```
* victor.vde <http://code.google.com/u/victor.vde/>
```

- \* HTTPS patch (which inspired HTTPSConnectionPool)
  
- \* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
  
- \* niphlod <niphlod@gmail.com>
- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers
  
- \* btoconnor <brian@btoconnor.net>
- \* Non-multipart encoding for POST requests
  
- \* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>
- \* Code review, PEP8 compliance, benchmark fix
  
- \* kennethreitz <me@kennethreitz.com>
- \* Bugfixes, suggestions, Requests integration
  
- \* georgemarshal <<https://github.com/georgemarshal>>
- \* Bugfixes, Improvements and Test coverage
  
- \* Thomas Kluyver <thomas@kluyver.me.uk>
- \* Python 3 support
  
- \* brandon-rhodes <<http://rhodesmill.org/brandon>>
- \* Design review, bugfixes, test coverage.
  
- \* studer <theo.studer@gmail.com>
- \* IPv6 url support and test coverage
  
- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
- \* Support for explicitly closing pooled connections
  
- \* hartator <hartator@gmail.com>
- \* Corrected multipart behavior for params
  
- \* Thomas Weischuh <thomas@t-8ch.de>
- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>

- \* Various bugfixes and test improvements.
- \* Bryce Boe <bbzbryce@gmail.com>
  - \* Correct six.moves conflict
  - \* Fixed pickle support of some exceptions
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
  - \* Allowed to skip SSL hostname verification
- \* Cory Benfield <https://lukasa.co.uk/about/>
  - \* Stream method for Response objects.
  - \* Return native strings in header values.
  - \* Generate 'Host' header when using proxies.
- \* Jason Robinson <jaywink@basshero.org>
  - \* Add missing WrappedSocket.fileno method in PyOpenSSL
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  - \* Fixed a race condition
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  - \* Added HTTPS (CONNECT) proxy support
- \* Stephen Holsapple <sholsapp@gmail.com>
  - \* Added abstraction for granular control of request fields
- \* Martin von Gagern <Martin.vGagern@gmx.net>
  - \* Support for non-ASCII header parameters
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  - \* Support for separate connect and request timeouts
- \* Peter Waller <p@pwaller.net>
  - \* HTTPResponse.tell() for determining amount received over the wire
- \* Nipunn Koorapati <nipunn1313@gmail.com>
  - \* Ignore default ports when comparing hosts for equality
- \* Danilo @dbrgn <https://dbrgn.ch/>
  - \* Disabled TLS compression by default on Python 3.2+
  - \* Disabled TLS compression in pyopenssl contrib module
  - \* Configurable cipher suites in pyopenssl contrib module
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  - \* Account retries on proxy errors
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
  - \* Use the platform-specific CA certificate locations



- \* Josh Schneier <<https://github.com/jschneier>>
  - \* HTTPHeaderDict and associated tests and docs
  - \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <<http://tahia.tk/>>
  - \* Added Timeout examples in docs
  
- \* Arthur Grunseid <<https://grunseid.com>>
  - \* source\_address support and tests (with <https://github.com/bui>)
  
- \* Ian Cordasco <[graffatcolmingov@gmail.com](mailto:graffatcolmingov@gmail.com)>
  - \* PEP8 Compliance and Linting
  - \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <[erik.tollerud@gmail.com](mailto:erik.tollerud@gmail.com)>
  - \* Support for standard library io module.
  
- \* Krishna Prasad <[kprasad.iitd@gmail.com](mailto:kprasad.iitd@gmail.com)>
  - \* Google App Engine documentation
  
- \* Aaron Meurer <[asmeurer@gmail.com](mailto:asmeurer@gmail.com)>
  - \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <[abacabadabacaba@gmail.com](mailto:abacabadabacaba@gmail.com)>
  - \* Bugfixes
  
- \* Benjamin Meyer <[bm\\_witness@yahoo.com](mailto:bm_witness@yahoo.com)>
  - \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <[github@sornars.com](mailto:github@sornars.com)>
  - \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <[alex.gaynor@gmail.com](mailto:alex.gaynor@gmail.com)>
  - \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <[ttomecek@redhat.com](mailto:ttomecek@redhat.com)>
  - \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <<https://github.com/tlynn>>
  - \* Respect the warning preferences at import.
  
- \* David D. Riddle <[ddriddle@illinois.edu](mailto:ddriddle@illinois.edu)>
  - \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <[magicalgirl@google.com](mailto:magicalgirl@google.com)>
  - \* App Engine environment tests.
  - \* Documentation re-write.

- \* John Krauss <<https://github.com/talos>>
- \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <<https://github.com/Disassem>>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <[jlatherfold@hotmail.com](mailto:jlatherfold@hotmail.com)>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <<https://github.com/chripede>>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <<https://github.com/jmoldow>>
- \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
- \* Creation of ``HTTPConnectionPool.ResponseCls``.
  
- \* Predrag Gruevski <<https://github.com/obi1kenobi>>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <<https://github.com/a-tal>>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <<https://evanmeagher.net>>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <[jayvdb@gmail.com](mailto:jayvdb@gmail.com)>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <[andy.m.caldwell@gmail.com](mailto:andy.m.caldwell@gmail.com)>
- \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <[ville.skytta@iki.fi](mailto:ville.skytta@iki.fi)>
- \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <[smtakeda@gmail.com](mailto:smtakeda@gmail.com)>
- \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jess Shapiro <[jesse@jesseshapiro.net](mailto:jesse@jesseshapiro.net)>
- \* Various character-encoding fixes/tweaks
- \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <<http://dafoster.net/>>
- \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <[jeremy@jcline.org](mailto:jeremy@jcline.org)>
- \* Added connection pool keys by scheme

- \* Aviv Palivoda <palaviv@gmail.com>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <nate.prewitt@gmail.com>
- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <sethmichaellarson@protonmail.com>
- \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <alex.dias@smarkets.com>
- \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
- \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
- \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite

- \* Will Bond <will@wbond.net>
- \* Add Python 2.6 support to ``contrib.securetransport``
  
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6
  
- \* Tim Bell <https://github.com/timb07>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
  
- \* Justin Bramley <https://github.com/jbramleycl>
- \* Add ability to handle multiple Content-Encodings
  
- \* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
- \* Remove Authorization header regardless of case when redirecting to cross-site
  
- \* James Meickle <https://permadeath.com/>
- \* Improve handling of Retry-After header
  
- \* Chris Jerdonek <chris.jerdonek@gmail.com>
- \* Remove a spurious TypeError from the exception chain inside HTTPConnectionPool.\_make\_request(), also for BaseExceptions.
  
- \* Jorge Lopez Silva <https://github.com/jalopezsilva>
- \* Added support for forwarding requests through HTTPS proxies.
  
- \* Benno Rice <benno@jeamland.net>
- \* Allow cadata parameter to be passed to underlying ``SSLContext.load\_verify\_locations()``.
  
- \* Keiichi Kobayashi <abok.1k@gmail.com>
- \* Rename VerifiedHTTPSConnection to HTTPSConnection
  
- \* Himanshu Garg <garg\_himanshu@outlook.com>
- \* DOC & LICENSE Update
  
- \* Hod Bin Noon <bin.noon.hod@gmail.com>
- \* Test improvements
  
- \* Chris Olufson <tycarac@gmail.com>

- \* Fix for connection not being released on HTTP redirect and response not preloaded
  
  - \* [Bastiaan Bakker] <<https://github.com/bastiaanb>>
  - \* Support for logging session keys via environment variable ``SSLKEYLOGFILE`` (Python 3.8+)
  
  - \* [Ezzeri Esa] <<https://github.com/savarin>>
  - \* Ports and extends on types from typedshed
  
  - \* [Your name or handle] <[email or website]>
  - \* [Brief summary of your changes]
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## 1.307 python-certifi 2021.10.8

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

# 1.308 gomodule-redigo 2.0.0+incompatible

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## 1.310 go-datemath 0.1.1-0.20200323150745-74ddef604fff

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## 1.311 nghttp2 1.46.0-r0

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## 1.312 libpsl 0.21.0-1ubuntu1

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psl-make-dafsa and lookup\_string\_in\_fixed\_set.c.

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## 1.313 goprotobuf 1.5.2

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Protocol Buffers for Go with Gadgets

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Anton Povorov <[anton.povorov@gmail.com](mailto:anton.povorov@gmail.com)>

Brian Goff <[cpuguy83@gmail.com](mailto:cpuguy83@gmail.com)>

Clayton Coleman <[ccoleman@redhat.com](mailto:ccoleman@redhat.com)>

Denis Smirnov <[denis.smirnov.91@gmail.com](mailto:denis.smirnov.91@gmail.com)>

DongYun Kang <[ceram1000@gmail.com](mailto:ceram1000@gmail.com)>

Dwayne Schultz <dschultz@pivotal.io>  
Georg Apitz <gapitz@pivotal.io>  
Gustav Paul <gustav.paul@gmail.com>  
Johan Brandhorst <johan.brandhorst@gmail.com>  
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# 1.314 systemd 245.4-4ubuntu3.16

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## 1.316 zlib 1.2.11.dfsg-2ubuntu1.2

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```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017
```

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

# 1.317 x-sys 0.0.0-20201022201747- fb209a7c41cd

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## 1.320 pam 1.5.2-r0

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## 1.321 prometheus-node-exporter 1.0.0-rc.0.0.20200428091818-01054558c289

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# update-license

This is a small tool that updates the license header for Uber's open source Golang files.

## Installation

...

```
go get go.uber.org/tools/update-license
```

...

## Usage

...

```
update-license go_files...
```

...

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Mikhail Salosin (AlphaB)

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Go support for Protocol Buffers - Google's data interchange format

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Support for streaming Protocol Buffer messages for the Go language (golang).

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

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procfs provides functions to retrieve system, kernel and process

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```

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```
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Configurable modular Prometheus exporter for various node metrics.

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# 1.324 coreutils 8.30 3ubuntu2

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```

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## 1.325 prometheus-client 0.2.0

### 1.325.1 Available under license :

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\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/x\_user\_defined.py

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/tests.py

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/labels.py

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/\_\_init\_\_.py

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```
from setuptools import setup, find_packages
import io
from os import path
import re
```

```
VERSION = re.search("VERSION = '([^\s]+)'", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8'
).read().strip()).group(1)
```

```
LONG_DESCRIPTION = io.open(
    path.join(path.dirname(__file__), 'README.rst'),
    encoding='utf-8'
).read()
```

```
setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
```

```

classifiers=[
    'Development Status :: 4 - Beta',
    'Intended Audience :: Developers',
    'License :: OSI Approved :: BSD License',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.6',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Programming Language :: Python :: Implementation :: CPython',
    'Programming Language :: Python :: Implementation :: PyPy',
    'Topic :: Internet :: WWW/HTTP',
],
packages=find_packages(),
)

```

Found in path(s):

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py

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"""

webencodings.mklabels

~~~~~

Regenerate the webencodings.labels module.

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"""

```
import json
```

```
try:
```

```
    from urllib import urlopen
```

```
except ImportError:
```

```
    from urllib.request import urlopen
```

```
def assert_lower(string):
```

```
    assert string == string.lower()
```

```
    return string
```

```

def generate(url):
    parts = ["\
    """

    webencodings.labels
    ~~~~~

    Map encoding labels to their name.

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    """

    # XXX Do not edit!
    # This file is automatically generated by mklabels.py

    LABELS = {
    ""
    labels = [
        (repr(assert_lower(label)).rstrip('u'),
         repr(encoding['name']).rstrip('u'))
         for category in json.loads(urlopen(url).read().decode('ascii'))
         for encoding in category['encodings']
         for label in encoding['labels'])
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        ' %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ".join(parts)

if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))

Found in path(s):
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-
0.5.1/webencodings/mklabels.py
No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.1
Name: webencodings
Version: 0.5.1
Summary: Character encoding aliases for legacy web content
Home-page: https://github.com/SimonSapin/python-webencodings
Author: Geoffrey Sneddon
Author-email: me@gsnedders.com

```

License: BSD

Description: python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`  
<<http://encoding.spec.whatwg.org/>>`\_.

- \* Latest documentation: <http://packages.python.org/webencodings/>
- \* Source code and issue tracker:  
<https://github.com/gsnedders/python-webencodings>
- \* PyPI releases: <http://pypi.python.org/pypi/webencodings>
- \* License: BSD
- \* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules. For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration. The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.3

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Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: Implementation :: CPython

Classifier: Programming Language :: Python :: Implementation :: PyPy

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Found in path(s):

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/PKG-INFO

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-

0.5.1/webencodings.egg-info/PKG-INFO

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python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`  
<<http://encoding.spec.whatwg.org/>>` \_.

- \* Latest documentation: <http://packages.python.org/webencodings/>
- \* Source code and issue tracker:  
<https://github.com/gsnedders/python-webencodings>
- \* PyPI releases: <http://pypi.python.org/pypi/webencodings>
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- \* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

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- \* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/README.rst

## 1.327 go-uuid 1.1.0

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## 1.328 d-bus 1.12.16 2ubuntu2.2

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# 1.330 jackc-pgconn 1.9.1-0.20210724152538-d89c8390a530

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Paul Borman <borman@google.com>

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```
/*
 * Generated by nsc --mib2yang-std
 * Source: MIB_SOURCES_POST_PROCESSED/CISCO-IMAGE-LICENSE-MGMT-MIB.mib
 */
/*
 * This YANG module has been generated by smidump 0.5.0:
 *
 *   smidump -f yang CISCO-IMAGE-LICENSE-MGMT-MIB
 *
 * Do not edit. Edit the source file instead!
 */
```

```
module CISCO-IMAGE-LICENSE-MGMT-MIB {

  namespace "urn:ietf:params:xml:ns:yang:smiv2:CISCO-IMAGE-LICENSE-MGMT-MIB";
  prefix "cisco-image-license-mgmt-mib";

  import ENTITY-MIB {
    prefix "entity-mib";
```

```
}  
  
import SNMP-FRAMEWORK-MIB {  
    prefix "snmp-framework";  
}
```

```
import ietf-yang-smiv2 {  
    prefix "smiv2";  
}
```

```
organization  
"Cisco Systems Inc.";
```

```
contact  
"Cisco Systems  
Customer Service  
Postal: 170 W Tasman Drive  
San Jose, CA 95134  
USA  
Tel: +1 800 553 -NETS  
E-mail: cs-snmp@cisco.com";
```

```
description  
"The MIB module for managing the running image level  
of a Cisco device. Cisco's licensing mechanism provides  
flexibility to run a device on a chosen image level.  
This mechanism is referred to as image level licensing.  
Image level licensing leverages the universal image  
based licensing solution.
```

The image level licensing mechanism works as follows -

A universal image that contains all levels of software packages is loaded on to the device. At boot time, the device determines the highest level of license and brings up the appropriate software features or subsystems. The user can configure the image level with which the device has to boot. The system will verify whether the appropriate license is available for the configured image level. The image level for the next boot will be determined based on the availability of the license. The following scenarios explain some use-cases of image level licensing:

Scenario 1:

- Customer selects advsecurityk9 based image.
- Manufacturing installs advsecurity license on the device.
- This device will run all features that are part of the base advsecurity license.

- Customer upgrades to advipservicesk9 license.
- The next boot level is set to advipservicesk9.
- The device will run advsecurityk9 feature until the next reboot. After reboot the device will run advipservicesk9 features.

#### Scenario 2:

- Customer selects advipservicesk9 based image.
- Manufacturing installs advipservices and advsecurity license on the device.
- This device will run all features that are part of the base advipservices license.
- No upgrades available for advipservices license.

The user has to accept the End User License Agreement(EULA) before using this MIB to configure the image level.

This MIB should be used in conjunction with CISCO-LICENSE-MGMT-MIB module to achieve the image level licensing functionality.

This MIB module defines objects which provides the different image levels supported by the device and the license required to enable a particular image level. It also defines objects to let the user configure the required image level. The MIB module contains notification which will be triggered when the user changes the image level for next boot.

The CISCO-LICENSE-MGMT-MIB module should be used to export the EULA and to configure the required license.

This MIB module is defined generically so it can be used for both stand-alone as well as stackable devices. The entPhysicalIndex imported from ENTITY-MIB is used to identify the device uniquely.";

```
revision 2007-10-16 {
  description
    "Initial version of this MIB module.";
}
```

```
typedef BootImageLevel {
  type binary {
    length "0..255";
  }
  description
    "This textual convention is used to define
    the image level.
```



```
    If the device is running at advipservices
    image level, then the boot image level will
    be 'advipservices.';
}
```

```
typedef LicenseNameList {
    type binary {
        length "0..255";
    }
    description
    "This textual convention is used to define
    the list of license names. If multiple licenses
    are present then this string will contain all
    the licenses seperated by the ',' character.
```

```
    If the license required to run a device at
    advipservices image level is advipservices and
    advsecurity, then the license name list will be
    'advipservices,advsecurity.';
}
```

```
container CISCO-IMAGE-LICENSE-MGMT-MIB {
    config false;
```

```
    container ciscoImageLicenseMgmtMIBObjects {
        smiv2:oid "1.3.6.1.4.1.9.9.640.1";
```

```
        leaf cilmEULAAccepted {
            type boolean;
            description
            "This object when set to TRUE means that the user has
            accepted the END USER LICENSE AGREEMENT. This object
            has to be set to TRUE by the user before using the
            objects in the cilmBootImageLevelTable to configure
            the license.";
            smiv2:defval "false";
            smiv2:max-access "read-write";
            smiv2:oid "1.3.6.1.4.1.9.9.640.1.3";
        }
    }
}
```

```
    container cilmNotifCntl {
        smiv2:oid "1.3.6.1.4.1.9.9.640.1.4";
```

```
        leaf cilmImageLevelChangedNotif {
            type boolean;
```

description

"Specify whether or not a notification should be generated on the detection of change in next boot image level.

If set to TRUE, cilmBootImageLevelChanged notification will be generated. It is the responsibility of the management entity to ensure that the SNMP administrative model is configured in such a way as to allow the notification to be delivered.";

reference

"See also RFC3413 for explanation that notifications are under the ultimate control of the MIB module in this document.";

smiv2:defval "false";

smiv2:max-access "read-write";

smiv2:oid "1.3.6.1.4.1.9.9.640.1.4.1";

}  
}

container cilmBootImageLevelTable {

description

"A table that contains the configuration information of current and next boot image level. This table contains entries for each software module running in an image loaded in the device. The software module is identified by cilmModuleName and the device is identified by entPhysicalIndex.";

smiv2:oid "1.3.6.1.4.1.9.9.640.1.1";

list cilmBootImageLevelEntry {

key "entPhysicalIndex cilmModuleName";

description

"An entry in the table for each module containing the list of objects that define the configuration of next boot level. The following information is specified by the objects present in the table.

- Current image level.
- Configured image level for the next boot.
- Actual image level for the next boot.
- License store index for the current license.
- License index of the current license.
- License store index for the next boot license.
- License index of the next boot license.";

smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1";

leaf entPhysicalIndex {

```

type leafref {
  path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
}
}

```

```

leaf cilmModuleName {
  type snmp-framework:SnmpAdminString;
  description
    "This object is used as one of the two indices in
    cilmBootImageLevelTable. This object indicates the module
    name of the software package. There can be multiple
    modules in an image performing specific functionality.
    For example, in a wireless image there can be two modules
    - a base image module and a wireless module.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1";
}

```

```

leaf cilmCurrentImageLevel {
  type cisco-image-license-mgmt-mib:BootImageLevel;
  description
    "This object indicates the current image level that
    the module is running.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.2";
}

```

```

leaf cilmConfiguredBootImageLevel {
  type cisco-image-license-mgmt-mib:BootImageLevel;
  description
    "This object indicates the configured image level
    of the module for the next boot.

    Note: The configured next boot image level may not
    be the actual next boot image level. The actual next
    boot image level is denoted by cilmNextBootImageLevel
    which is determined based on the license availability.";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.3";
}

```

```

leaf cilmNextBootImageLevel {
  type cisco-image-license-mgmt-mib:BootImageLevel;
  description
    "This object indicates the next boot image level. The
    next boot image level can be different from configured
    level. The next boot image level is determined based

```

```
    on the availability of required license.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.4";
}
```

```
leaf cilmCurrentLicenseStoreIndex {
    type uint32;
    description
        "This object indicates the license store index where the
        currently used license is stored. This object has the same
        value as clmgmtLicenseStoreIndex object and uniquely
        identifies an entry in clmgmtLicenseStoreInfoTable in
        CISCO-LICENSE-MGMT-MIB.
```

Note: The license store index can be '0' if no license is installed and device is running base image.";

```
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.5";
}
```

```
leaf cilmCurrentLicenseIndex {
    type uint32;
    description
        "This object indicates the license index of the currently used
        license. This object has the same value as clmgmtLicenseIndex and
        uniquely identifies an entry in clmgmtLicenseInfoTable in
        CISCO-LICENSE-MGMT-MIB.
```

Note: The license index can be '0' if no license is installed and device is running base image.";

```
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.6";
}
```

```
leaf cilmNextBootLicenseStoreIndex {
    type uint32;
    description
        "This object indicates the license store index where the
        next boot license is stored. This object has the same
        value as clmgmtLicenseStoreIndex object and uniquely
        identifies an entry in clmgmtLicenseStoreInfoTable in
        CISCO-LICENSE-MGMT-MIB.
```

Note: The license store index can be '0' if no license is installed for the next boot.";

```
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.7";
}
```

```

leaf cilmNextBootLicenseIndex {
  type uint32;
  description
    "This object indicates the license index of the next boot
    license. This object has the same value as clmgmtLicenseIndex
    and uniquely identifies an entry in clmgmtLicenseInfoTable in
    CISCO-LICENSE-MGMT-MIB.

    Note: The license index can be '0' if no license is
    installed for the next boot.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.8";
}
}
}

container cilmImageLevelToLicenseMapTable {
  description
    "This table contains the mapping between different
    image levels of each modules in the image and the
    license required to run the modules at a particular
    image level. This table can be used to identify the
    different image levels and the appropriate licenses
    required for each.";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.2";

  list cilmImageLevelToLicenseMapEntry {
    key "entPhysicalIndex cilmModuleName cilmImageLicenseMapIndex";
    description
      "An entry in the table containing the following
      information.
      - The image levels at the which the modules can be run.
      - The license required to the run a module at a
      particular image level.
      - The priority of the license.";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1";

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
        mib:entPhysicalIndex";
      }
    }

    leaf cilmModuleName {
      type leafref {
        path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-

```

```
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmModuleName";
}
}
```

```
leaf cilmImageLicenseMapIndex {
  type uint32;
  description
    "This is a running index used to identify an entry
    of this table.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1.1";
}
```

```
leaf cilmImageLicenseImageLevel {
  type cisco-image-license-mgmt-mib:BootImageLevel;
  description
    "This object indicates the image level at which
    a module can be run. A module can be run at
    different image levels. An entry will be created
    in this table for every module and image level
    combination.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1.2";
}
```

```
leaf cilmImageLicenseName {
  type cisco-image-license-mgmt-mib:LicenseNameList;
  description
    "This object indicates the list of licenses needed to
    be installed for the module to run at the image level
    mentioned by cilmImageLicenseImageLevel object of this
    entry.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1.3";
}
```

```
leaf cilmImageLicensePriority {
  type uint32 {
    range "1..255";
  }
  description
    "This object indicates the priority of the image level
    mentioned by cilmImageLicenseImageLevel object of this
    entry. The image level with the highest priority license
    will be considered as the default level in the absense of
    next boot image level configuration. For example if there
    are three licenses l1, l2 and l3 in the ascending order of
```

```

        priority, then by default 11 will be the level at which the
        module will be running. If the next boot level is configured
        then the configuration will override the priority. The highest
        priority license supports a feature set which is a super set of
        all other licenses.";
        smiv2:max-access "read-only";
        smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1.4";
    }
}
}
}

notification cilmBootImageLevelChanged {
    description
    "This notification is triggered when next boot image level
    is changed in the management entity. The current and
    configured image level are indicated by cilmCurrentImageLevel
    and cilmConfiguredBootImageLevel objects respectively.";
    smiv2:oid "1.3.6.1.4.1.9.9.640.0.1";

    container object-1 {

        leaf entPhysicalIndex {
            type leafref {
                path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
            }
        }

        leaf cilmModuleName {
            type leafref {
                path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmModuleName";
            }
        }

        leaf cilmCurrentImageLevel {
            type leafref {
                path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmCurrentImageLevel";
            }
        }
    }

    container object-2 {

```

```

leaf entPhysicalIndex {
  type leafref {
    path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
  }
}

leaf cilmModuleName {
  type leafref {
    path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmModuleName";
  }
}

leaf cilmConfiguredBootImageLevel {
  type leafref {
    path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmConfiguredBootImageLevel";
  }
}

smiv2:alias "ciscoImageLicenseMgmtMIB" {
  smiv2:oid "1.3.6.1.4.1.9.9.640";
}

smiv2:alias "ciscoImageLicenseMgmtMIBNotifs" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.0";
}

smiv2:alias "ciscoImageLicenseMgmtMIBObjects" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.1";
}

smiv2:alias "cilmNotifCntl" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.4";
}

smiv2:alias "ciscoImageLicenseMgmtMIBConform" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.2";
}

smiv2:alias "cilmModuleCompliances" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.2.1";
}

```



```
smiv2:alias "cilmModuleGroups" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.2.2";
}

}
```

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--

-- Juniper Enterprise Specific MIB: License MIB

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--

JUNIPER-LICENSE-MIB DEFINITIONS ::= BEGIN

IMPORTS

MODULE-IDENTITY, OBJECT-TYPE, Unsigned32, TimeTicks, IpAddress,  
NOTIFICATION-TYPE  
FROM SNMPv2-SMI  
jnxLicenseMibRoot  
FROM JUNIPER-SMI  
DisplayString  
FROM SNMPv2-TC;

jnxLicenseMIB MODULE-IDENTITY  
LAST-UPDATED "201007090000Z"  
ORGANIZATION "Juniper Networks, Inc."  
CONTACT-INFO  
"Juniper Technical Assistance Center  
Juniper Networks, Inc.  
1194 N. Mathilda Avenue  
Sunnyvale, CA 94089  
E-mail: support@juniper.net"

DESCRIPTION

"Implementation of enterprise specific MIB  
for license commands and configuration."

REVISION "201007090000Z" -- Jul 09, 2010

DESCRIPTION

"Initial version."

::= { jnxLicenseMibRoot 1 }

jnxLicenseNotifications OBJECT IDENTIFIER ::= { jnxLicenseMIB 0 }

jnxLicenseObjects OBJECT IDENTIFIER ::= { jnxLicenseMIB 1 }

jnxLicenseInstallObjects OBJECT IDENTIFIER ::= { jnxLicenseObjects 1 }

jnxLicenseSettings OBJECT IDENTIFIER ::= { jnxLicenseObjects 2 }

-- \*\*\*\*\*  
-- License table for installed licenses  
-- \*\*\*\*\*

jnxLicenseInstallTable OBJECT-TYPE

SYNTAX SEQUENCE OF JnxLicenseInstallEntry

MAX-ACCESS not-accessible

STATUS current  
DESCRIPTION "This table contains installed feature license information."  
::= { jnxLicenseInstallObjects 1 }

jnxLicenseInstallEntry OBJECT-TYPE  
SYNTAX JnxLicenseInstallEntry  
MAX-ACCESS not-accessible  
STATUS current  
DESCRIPTION "A row of giving installed feature license information."  
INDEX { IMPLIED jnxLicenseId }  
::= { jnxLicenseInstallTable 1 }

JnxLicenseInstallEntry ::= SEQUENCE {  
jnxLicenseId DisplayString,  
jnxLicenseVersion INTEGER,  
jnxLicenseDeviceId DisplayString,  
jnxLicenseType INTEGER,  
jnxLicenseKeys OCTET STRING  
}

jnxLicenseId OBJECT-TYPE  
SYNTAX DisplayString  
MAX-ACCESS not-accessible  
STATUS current  
DESCRIPTION "Installed feature licenses Id."  
::= { jnxLicenseInstallEntry 1 }

jnxLicenseVersion OBJECT-TYPE  
SYNTAX INTEGER  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "License Version information"  
::= { jnxLicenseInstallEntry 2 }

jnxLicenseDeviceId OBJECT-TYPE  
SYNTAX DisplayString  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "License Device Id "  
::= { jnxLicenseInstallEntry 3 }

jnxLicenseType OBJECT-TYPE  
SYNTAX INTEGER { invalid(0), count-down(1), date-based(2),permanent(3) }  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "License type information"  
::= { jnxLicenseInstallEntry 4 }

```

jnxLicenseKeys OBJECT-TYPE
  SYNTAX OCTET STRING
  MAX-ACCESS read-only
  STATUS current
  DESCRIPTION "License Keys"
  ::= { jnxLicenseInstallEntry 5 }

-- Feature Listing Table

jnxLicenseFeatureListTable OBJECT-TYPE
  SYNTAX SEQUENCE OF JnxLicenseFeatureListEntry
  MAX-ACCESS not-accessible
  STATUS current
  DESCRIPTION "list of features supporting Licensing."
  ::= { jnxLicenseInstallObjects 2 }

jnxLicenseFeatureListEntry OBJECT-TYPE
  SYNTAX JnxLicenseFeatureListEntry
  MAX-ACCESS not-accessible
  STATUS current
  DESCRIPTION "A row of licensed features."
  INDEX { jnxLicenseFeatureId }
  ::= { jnxLicenseFeatureListTable 1 }

JnxLicenseFeatureListEntry ::= SEQUENCE {
  jnxLicenseFeatureId INTEGER,
  jnxLicenseFeatureName DisplayString,
  jnxLicenseFeatureDescr DisplayString,
  jnxLicenseFeatureLicenseId DisplayString,
  jnxLicenseFeatureLicenseUsed INTEGER,
  jnxLicenseFeatureLicenseInstalled INTEGER,
  jnxLicenseFeatureLicenseNeeded INTEGER
}

jnxLicenseFeatureId OBJECT-TYPE
  SYNTAX INTEGER
  MAX-ACCESS not-accessible
  STATUS current
  DESCRIPTION "Feature Id to point an entry in this table"
  ::= { jnxLicenseFeatureListEntry 1 }

jnxLicenseFeatureName OBJECT-TYPE
  SYNTAX DisplayString
  MAX-ACCESS read-only
  STATUS current
  DESCRIPTION "Feature Name"
  ::= { jnxLicenseFeatureListEntry 2 }

```

jnxLicenseFeatureDescr OBJECT-TYPE  
SYNTAX DisplayString  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "Feature Name"  
::= { jnxLicenseFeatureListEntry 3 }

jnxLicenseFeatureLicenseId OBJECT-TYPE  
SYNTAX DisplayString  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "Feature License Id"  
::= { jnxLicenseFeatureListEntry 4 }

jnxLicenseFeatureLicenseUsed OBJECT-TYPE  
SYNTAX INTEGER  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "Licenses Used"  
::= { jnxLicenseFeatureListEntry 5 }

jnxLicenseFeatureLicenseInstalled OBJECT-TYPE  
SYNTAX INTEGER  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "Licenses Installed"  
::= { jnxLicenseFeatureListEntry 6 }

jnxLicenseFeatureLicenseNeeded OBJECT-TYPE  
SYNTAX INTEGER  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "Licenses Needed"  
::= { jnxLicenseFeatureListEntry 7 }

-- \*\*\*\*\*  
-- License configuration parameters  
-- \*\*\*\*\*

jnxLicenseRenewBeforExpiration OBJECT-TYPE  
SYNTAX INTEGER  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"License renew lead time before expiration in days."  
::= { jnxLicenseSettings 1 }

jnxLicenseRenewInterval OBJECT-TYPE

SYNTAX INTEGER  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

"License checking interval in hours."

::= { jnxLicenseSettings 2 }

jnxLicenseAutoUpdate OBJECT-TYPE

SYNTAX DisplayString  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

"License auto update URL of a license server."

::= { jnxLicenseSettings 3 }

```
-- *****  
-- define branches for jnx license traps  
-- *****
```

jnxLicenseGraceExpired NOTIFICATION-TYPE

OBJECTS { jnxLicenseFeatureName }  
STATUS current  
DESCRIPTION

"The SNMP trap that is generated when the license grace period for  
feature identified by jnxLicenseFeatureName is expired"

::= { jnxLicenseNotifications 1 }

jnxLicenseGraceAboutToExpire NOTIFICATION-TYPE

OBJECTS { jnxLicenseFeatureName }  
STATUS current  
DESCRIPTION

"The SNMP trap that is generated when the license grace period for  
feature identified by jnxLicenseFeatureName is about to expire"

::= { jnxLicenseNotifications 2 }

jnxLicenseAboutToExpire NOTIFICATION-TYPE

OBJECTS { jnxLicenseFeatureName }  
STATUS current  
DESCRIPTION

"The SNMP trap that is generated when the license period for  
feature identified by jnxLicenseFeatureName is about to expire"

::= { jnxLicenseNotifications 3 }

jnxLicenseInfringeCumulative NOTIFICATION-TYPE

OBJECTS { jnxLicenseFeatureName }

```

STATUS current
DESCRIPTION
    "The SNMP trap that is generated when the feature is used more
    times than as specified in number of licenses allowed for feature
    as identified by jnxLicenseFeatureName"
 ::= { jnxLicenseNotifications 4 }

jnxLicenseInfringeSingle NOTIFICATION-TYPE
OBJECTS { jnxLicenseFeatureName }
STATUS current
DESCRIPTION
    "The SNMP trap that is generated when the license for feature
    identified by jnxLicenseFeatureName is not valid i.e. either expired or
    not available."
 ::= { jnxLicenseNotifications 5 }

END
/*
* Generated by ncsc --mib2yang-std
* Source: MIB_SOURCES_POST_PROCESSED/CISCO-LICENSE-MGMT-MIB.mib
*/
/*
* This YANG module has been generated by smidump 0.5.0:
*
*   smidump -f yang CISCO-LICENSE-MGMT-MIB
*
* Do not edit. Edit the source file instead!
*/

module CISCO-LICENSE-MGMT-MIB {

    namespace "urn:ietf:params:xml:ns:yang:smiv2:CISCO-LICENSE-MGMT-MIB";
    prefix "cisco-license-mgmt-mib";

    import ENTITY-MIB {
        prefix "entity-mib";
    }

    import INET-ADDRESS-MIB {
        prefix "inet-address";
    }

    import SNMP-FRAMEWORK-MIB {
        prefix "snmp-framework";
    }

    import SNMPv2-TC {

```

```
prefix "snmpv2-tc";
}

import ietf-yang-smiv2 {
  prefix "smiv2";
}
```

```
organization
"Cisco Systems Inc.";
```

```
contact
"Cisco Systems
Customer Service
```

```
Postal: 170 W Tasman Drive
```

```
San Jose, CA 95134
```

```
USA
```

```
Tel: +1 800 553 -NETS
```

```
E-mail: cs-snmp@cisco.com";
```

```
description
"The MIB module for managing licenses on the system.
The licensing mechanism provides flexibility to
enforce licensing for various features in the system.
```

The following text introduces different concepts and terms those are necessary to understand the MIB definition and to perform license management.

#### UDI

Universal Device Identifier that uniquely identifies a device. It comprises of product ID, version ID and serial number of the device.

#### NODE LOCKED LICENSE:

Node locked licenses are locked to one of the device identifiers in the system. For example, the license can be locked to the UDI value of one of the devices in the system. Locking a license to an UDI guarantees that the license will not be moved to a device with a different UDI.

#### NON-NODE LOCKED LICENSE:

Non-node locked licenses are not locked to any device



identifier. They can be used on other similar devices.

#### METERED LICENSE:

Metered licenses are valid for limited period of time and they expire after that. This period is the usage period of a license and it is not based on real time clock, but system clock.

#### EULA:

End User License Agreement.

#### EVALUATION LICENSE:

Evaluation licenses are non-node locked metered licenses which are valid only for a limited period. They are used only when there are no permanent, extension or grace period licenses for a feature. User will have to accept EULA (End User License Agreement) before using an evaluation license. Even though they are not node locked, their usage is recorded on the device.

#### RIGHT TO USE (RTU) LICENSE:

Right to use license is a non-node locked metered license which is in evaluation mode for a limited time after which it is converted to Right To Use (RTU) license and is valid for the lifetime of the product. User will have to accept EULA (End User License Agreement) before using this license. Even though it is not node locked, usage information is recorded on the device.

#### EXTENSION LICENSE:

Extension licenses are node locked metered licenses. These licenses are issued by Cisco's licensing portal. These licenses need to be installed using management interfaces on the device. User will have to accept an EULA as part of installation of extension license.

#### GRACE PERIOD LICENSE:

Grace period licenses are node locked metered licenses. These licenses are issued by Cisco's licensing portal as part of the permission ticket to rehost a license. These licenses are installed on the device as part of the rehost operation. User will have to accept an EULA as part of the rehost operation for this type of license. Details on permission ticket, rehost operations are provided further down in this description clause.

#### PERMANENT LICENSE:

Permanent licenses are node locked licenses that have no usage period associated with them. These licenses are issued by Cisco's licensing portal. These licenses need to be installed using management interfaces on the device. Once these licenses are installed, they will provide needed permission for the feature/image across different versions.

#### COUNTED LICENSE:

Counted licenses limit the number of similar entities that can use the license. For example, a counted license when used by a feature can limit the number of IP phones that can connect or the number of tunnels that can be created.

#### UNCOUNTED LICENSE:

Uncounted licenses do not limit the number of similar entities that can use the licenses.

License can be enforced at the image level or at the feature level and this MIB module supports both.

#### IMAGE LEVEL LICENSING:

A universal image that contains all levels of software packages is loaded on to the device. At boot time, the device determines the highest level of license and brings up the appropriate software features or subsystems.

#### FEATURE LEVEL LICENSING:

Feature level licensing will support enforcement of license at individual feature. Features have to check for their licenses before enabling themselves. If it does not have a license, the feature should disable itself.

There is a one-to-one relationship between a feature and a license. That is, a feature can use only one license at a time and a license can be used by only one feature at a time.

#### LICENSE LINE:

A License line is an atomic set of ASCII characters arranged in a particular format that holds the license for a single feature within it. A line has all the necessary fields and attributes that make it a valid, non-tamper able and complete license.

#### LICENSE FILE:

File generated by Cisco licensing portal. It is used to install license on product. It has a user readable part and it contains one or more license lines.

#### DEVICE CREDENTIALS:

Device credentials file is a document that is generated by a licensed device. This document establishes the identity of the device and proves that the sender/user has/had authorized access to the device.

#### REHOST:

Rehost operation allows a node locked license that is installed on a device to be installed on other similar device. As part of rehost operation, a device processes the permission ticket, revokes the license(s) on the device and generates a rehost ticket as the proof of revocation. This rehost ticket needs to be presented to the Cisco's licensing portal to get the license transferred on to a new similar device.

#### PERMISSION TICKET:

Permission ticket is a document generated by Cisco licensing portal that allows a device to rehost its licenses.

#### REHOST TICKET:

Rehost ticket is document generated by a device after it has applied a permission ticket. The rehost ticket is a proof of revocation.

#### LICENSING PORTAL:

Generates licenses, permission tickets and verifies device credentials and rehost tickets.

This MIB module provides MIB objects to install, clear, revoke licenses. It also provides objects to regenerate last rehost ticket, backup all the licenses installed on a device, generate & export EULA for licenses.

#### STEPS TO INSTALL A LICENSE:

- To install a license, the management application
1. Retrieves device credentials of the device.
  2. Communicates with Cisco's licensing portal to get the license file, uses device credentials to identify the device
  3. Executes the license install action.

#### STEPS TO CLEAR A LICENSE:

To clear a license, the management application

1. Identifies the license to be cleared using license index.
2. Executes the license clear action.

#### STEPS TO REHOST A LICENSE:

To rehost a license, the management application

1. Retrieves device credentials of the device.
2. Communicates with Cisco's licensing portal to get the permission ticket, uses device credentials to identify the device.
3. Executes the processPermissionTicket action. Device revokes the license and generates rehost ticket to be submitted as proof of revocation.
4. Retrieves device credentials of the device where the license needs to be transferred to.
5. Submits rehost ticket as proof of revocation to Cisco's licensing portal, uses device credentials of the new device to identify the device, gets license file.
6. Executes the license install action on the new device.

#### STEPS TO REGENERATE LAST REHOST TICKET:

To regenerate last rehost ticket, the management application

1. Retrieves device credentials of the device.
2. Uses already obtained permission ticket or communicates with Cisco's licensing portal to get the permission ticket, uses device credentials to identify the device.
3. Executes the regenerateLastRehostTicket action. Device generates rehost ticket to be submitted as proof of revocation.

#### STEPS TO BACKUP ALL LICENSES:

To backup all licenses installed in the device, the management application

1. Specifies the backup file path.
2. Executes the license backup action.

#### STEPS TO GENERATE & EXPORT EULA:

To install certain kind of licenses, the management application must accept EULA first. The management application can generate and export EULA for one or more licenses with out installing licenses as follows.

1. Specifies the license file path that has licenses to be installed
2. Specifies the EULA file path where EULA need to be exported to
3. Executes the generate EULA action.

To support the various license actions, this MIB module also defines MIB objects to know if a device supports licensing, retrieve device credentials, retrieve information on license stores in the device.

It also defines MIB objects to expose management information associated with the licenses installed on the device, with the licensable features in the software image.

This MIB module also defines various notifications that will be triggered to asynchronously notify the management application of any critical events.

This MIB module is defined generically so it can be implemented on stand alone devices or stack of devices. In stack of devices, one device in the stack acts as master agent and rest are slave agents. Each device in the stack has its own UDI. The master agent receives requests on behalf of all the devices in the stack including itself and delegates it to other devices as needed. It also collects responses from other devices and sends them to the management application. Examples of such devices include stackable switches, devices with route processor and line cards. On the other hand, stand alone device is a single device and has only one UDI associated with it.

entPhysicalIndex imported from ENTITY-MIB is used to identify the device uniquely. It is specified as the index or one of the index for tables in this MIB as needed.";

```
revision 2012-04-19 {
  description
  "This version of the MIB adds support for Permanent Right to use (RTU)
  licensing. The revisions are:
  o Updated clmgmtLicenseType object to support the following new
  types of license:
  permanentRightToUse

  The new module compliance is ciscoLicenseMgmtComplianceRev1.";
}
```

```
revision 2011-04-19 {
```

description

"This version of the MIB adds support for Right to use (RTU)

licensing. The revisions are:

- o Added RTU license definition to MIB description above.
- o Updated clmgmtLicenseType object to support the following new types of license:
  - evalRightToUse
  - rightToUse
- o Added following objects to clmgmtLicenseInfoTable
  - clmgmtLicensePeriodUsed
- o Added following objects to clmgmtLicensableFeatureTable
  - clmgmtFeaturePeriodUsed
- o Added the following notifications
  - clmgmtLicenseEvalRTUTransitionWarning
  - clmgmtLicenseEvalRTUTransition
- o Added the following conformance groups
  - clmgmtLicenseRTUGroup
  - clmgmtLicenseRTUUsageNotifGroup

The new module compliance is ciscoLicenseMgmtComplianceRev1.";

}

revision 2008-11-21 {

description

"This version of the MIB adds support for subscription

licensing. Subscription licenses provide software enforcement for a licensed feature for a fixed calendar period. The revisions are:

- o Updated clmgmtLicenseType object to support the following three new types of licenses:
  - paidSubscription
  - evaluationSubscription
  - extensionSubscription
- o Added following objects to clmgmtLicenseInfoTable
  - clmgmtLicenseStartDate
  - clmgmtLicenseEndDate
- o Added following objects to clmgmtLicensableFeatureTable
  - clmgmtFeatureStartDate
  - clmgmtFeatureEndDate
- o Added the following notifications
  - clmgmtLicenseSubscriptionExpiryWarning
  - clmgmtLicenseSubscriptionExtExpiryWarning
  - clmgmtLicenseSubscriptionExpired
- o Added the following conformance groups
  - clmgmtLicenseSubscriptionGroup
  - clmgmtLicenseSubscriptionUsageNotifGroup

The new module compliance is ciscoLicenseMgmtComplianceRev1.";

}

```
revision 2006-10-03 {
  description
    "Initial version of this MIB module.";
}
```

```
typedef ClmgmtLicenseIndex {
  type uint32 {
    range "1..4294967295";
  }
  description
    "A unique value, for each license in the managed system.
    It is not necessary to have values assigned contiguously.
    The value for each license must remain constant
    at least from one re-initialization of the entity's
    network management system to the next re-initialization";
}
```

```
typedef ClmgmtLicenseIndexOrZero {
  type uint32;
  description
    "This textual convention is an extension of the ClmgmtLicenseIndex
    convention. The latter defines a greater than zero value
    used to identify a license in the managed system. This
    extension permits the additional value of zero. The value
    zero is object-specific and must therefore be defined as
    part of the description of any object which uses this
    syntax. Examples of the usage of zero might include
    situations where license was not present or unknown.";
}
```

```
typedef ClmgmtLicenseTransferProtocol {
  type enumeration {
    enum "none" {
      value "1";
    }
    enum "local" {
      value "2";
    }
    enum "tftp" {
      value "3";
    }
    enum "ftp" {
      value "4";
    }
    enum "rcp" {
      value "5";
    }
  }
}
```

```

enum "http" {
    value "6";
}
enum "scp" {
    value "7";
}
enum "sftp" {
    value "8";
}
}
description
"The transfer protocol that should be used for copying files
when performing license management. When the protocol is
set to local(2), local file system (flash or disk) is used.
Different agents may support different transfer protocols
and the management application is expected to some how determine
which protocol is supported and use.";
}

```

```
typedef ClmgmtLicenseActionState {
```

```

type enumeration {
    enum "none" {
        value "1";
    }
    enum "pending" {
        value "2";
    }
    enum "InProgress" {
        value "3";
    }
    enum "successful" {
        value "4";
    }
    enum "partiallySuccessful" {
        value "5";
    }
    enum "failed" {
        value "6";
    }
}

```

```
description
```

```
"The state of license action execution.
```

```

none(1)          - action is not yet scheduled to be
                  executed.

```

```

pending(2)       - All the required parameters for the
                  action are set and the action is

```



scheduled to be executed.

inProgress(3) - action execution has started and is in progress.

successful(4) - action has completed successfully.

partiallySuccessful(5) - action has completed, but was partially successful. Management application can query additional MIB objects to know what is successful and what has failed. These additional objects are listed in the description of the corresponding action tables.

failed(6) - action has failed.";

}

```
typedef ClmgmtLicenseActionFailCause {
type enumeration {
enum "none" {
value "1";
}
enum "generalFailure" {
value "2";
}
enum "transferProtocolNotSupported" {
value "3";
}
enum "fileServerNotReachable" {
value "4";
}
enum "unrecognizedEntPhysicalIndex" {
value "5";
}
enum "invalidLicenseFilePath" {
value "6";
}
enum "invalidLicenseFile" {
value "7";
}
enum "invalidLicenseLine" {
value "8";
}
enum "licenseAlreadyExists" {
value "9";
}
}
```

```

enum "licenseNotValidForDevice" {
    value "10";
}
enum "invalidLicenseCount" {
    value "11";
}
enum "invalidLicensePeriod" {
    value "12";
}
enum "licenseInUse" {
    value "13";
}
enum "invalidLicenseStore" {
    value "14";
}
enum "licenseStorageFull" {
    value "15";
}
enum "invalidPermissionTicketFile" {
    value "16";
}
enum "invalidPermissionTicket" {
    value "17";
}
enum "invalidRehostTicketFile" {
    value "18";
}
enum "invalidRehostTicket" {
    value "19";
}
enum "invalidLicenseBackupFile" {
    value "20";
}
enum "licenseClearInProgress" {
    value "21";
}
enum "invalidLicenseEULAFile" {
    value "22";
}
}
description
"Reason for license action failure. Defines error codes for
all the license actions.

```

none(1)                   - action execution has not  
                               started yet. If the action  
                               is completed and the action  
                               is successful, then also

none(1) is returned to indicate that there are no errors.

generalFailure(2) - General licensing failure.  
This will be used for resource unavailability failures.  
Ex: Lack of memory.

transferProtocolNotSupported(3) - protocol selected is not supported.

fileServerNotReachable(4) - file server is not reachable.

unrecognizedEntPhysicalIndex(5) - entPhysicalIndex is not valid

invalidLicenseFilePath(6) - The license file path is not accessible.

invalidLicenseFile(7) - Contents of license file are not valid.

invalidLicenseLine(8) - License string in the license file is not valid.

licenseAlreadyExists(9) - Management application is trying to install a license that already exists.

licenseNotValidForDevice(10) - This license is not valid for the device/entPhysicalIndex specified.

invalidLicenseCount(11) - Invalid count for this counted license.

invalidLicensePeriod(12) - Validity period is invalid for this expiring license.

licenseInUse(13) - License file is in use by a feature/image.

invalidLicenseStore(14) - License store is not valid.

licenseStorageFull(15) - There is no more space in the license storage.

invalidPermissionTicketFile(16) - The permission ticket file path is not accessible.

invalidPermissionTicket(17) - The permission ticket file contents are not valid.

invalidRehostTicketFile(18) - The rehost ticket file path is not accessible.

invalidRehostTicket(19) - The rehost ticket file contents are not valid.

invalidLicenseBackupFile(20) - License backup store path is not accessible.

licenseClearInProgress(21) - When license clear action is in progress, license backup action is not permitted to avoid race conditions. This error code is sent back in

response to a license backup  
action when a license clear  
action is in progress or in  
pending state. Try again in few  
seconds.

```
invalidLicenseEULAFile(22) - EULA file path is not accessible.";  
}
```

```
container CISCO-LICENSE-MGMT-MIB {  
  config false;
```

```
  container clmgmtLicenseConfiguration {  
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1";
```

```
    leaf clmgmtNextFreeLicenseActionIndex {  
      type uint32 {  
        range "1..4294967295";  
      }  
    }
```

```
    description
```

```
    "This object contains appropriate value for  
    clmgmtLicenseActionIndex that can be used to create  
    an entry in clmgmtLicenseActionTable. The management application  
    should read this object first and then use this as the  
    value for clmgmtLicenseActionIndex to avoid collisions  
    when creating entries in clmgmtLicenseActionTable.  
    Following this approach does not guarantee collision free  
    row creation, but will reduce the probability. The  
    collision will happen if two management applications read this  
    object at the same time and attempt to create an entry  
    with this value at the same time. In this case, the  
    management application whose request is processed after the first  
    request will get an error and the process of reading this object  
    and entry creation needs to be repeated.";
```

```
    smiv2:max-access "read-only";  
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.1";  
  }  
}
```

```
container clmgmtLicenseDeviceInformation {  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3";
```

```
  leaf clmgmtNextFreeDevCredExportActionIndex {  
    type uint32;  
    description
```

```
    "This object contains appropriate value for  
    clmgmtDevCredExportActionIndex that can be used to create  
    an entry in clmgmtDevCredExportActionTable. The management
```

application should read this object first and then use this as the value for clmgmtDevCredExportActionIndex to avoid collisions when creating entries in clmgmtDevCredExportActionTable. Following this approach does not guarantee collision free row creation, but will reduce the probability. The collision will happen if two management applications read this object at the same time and attempt to create an entry with this value at the same time. In this case, the management application whose request is processed after the first request will get an error and the process of reading this object and entry creation needs to be repeated.";

```
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.1";
}
}
```

```
container clmgmtLicenseNotifObjects {
smiv2:oid "1.3.6.1.4.1.9.9.543.1.4";
```

```
leaf clmgmtLicenseUsageNotifEnable {
type boolean;
description
"This object indicates whether the device should generate
the notifications related to usage of licenses. This object
enables/disables sending following notifications:
    clmgmtLicenseExpired
    clmgmtLicenseExpiryWarning
    clmgmtLicenseUsageCountExceeded
    clmgmtLicenseUsageCountAboutToExceed
    clmgmtLicenseSubscriptionExpiryWarning
    clmgmtLicenseSubscriptionExtExpiryWarning
    clmgmtLicenseSubscriptionExpired
    clmgmtLicenseEvalRTUTransitionWarning
    clmgmtLicenseEvalRTUTransition";
smiv2:defval "true";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.4.1";
}
```

```
leaf clmgmtLicenseDeploymentNotifEnable {
type boolean;
description
"This object indicates whether the device should generate
notifications related to license deployment. This object
enables/disables sending following notifications:
    clmgmtLicenseInstalled
    clmgmtLicenseCleared
```

```

    clmgmtLicenseRevoked
    clmgmtLicenseEULAAccepted";
smiv2:defval "true";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.4.2";
}

leaf clmgmtLicenseErrorNotifEnable {
type boolean;
description
"This object indicates whether the device should generate
notifications related to error conditions in enforcing
licensing. This object enables/disables sending following
notifications:
    clmgmtLicenseNotEnforced";
smiv2:defval "true";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.4.3";
}
}

container clmgmtLicenseActionTable {
description
"A table for invoking license management actions. Management
application must create a row in this table to trigger any of
the license management actions. The following are different
actions that can be executed using this table.
    1. install
    2. clear
    3. processPermissionTicket
    4. regenerateLastRehostTicket
    5. backup
    6. generateEULA

Refer to the description of clmgmtLicenseAction for more
information on what these actions do on the device.
Once the request completes, the management application should
retrieve the values of the objects of interest, and then
delete the entry. In order to prevent old entries from
clogging the table, entries will be aged out, but an entry
will never be deleted within 5 minutes of completion.";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2";

list clmgmtLicenseActionEntry {
key "clmgmtLicenseActionIndex";
description
"An entry for each action that is being executed or was
executed recently. The management application executes an

```

action

by creating this entry. This can be done in the following 2 methods

#### 1. CREATE-AND-GO method

Management application sets `clmgmtLicenseActionRowStatus` to `createAndGo(4)` and all other required objects to valid values in a single SNMP SET request. If all the values are valid, the device creates the entry and executes the action. If the SET request fails, the entry will not be created.

#### 2. CREATE-AND-WAIT method

Management application sets `clmgmtLicenseActionRowStatus` to `createAndWait(5)` to create an entry. Management application can set all other required objects to valid values in more than one SNMP SET request. If SET request for any of the objects fails, management application can set

just only that object. Once all the required objects are set to valid values, management application triggers action execution by setting `clmgmtLicenseActionRowStatus` to `active(1)`.

To stop the action from being executed, the management application can delete the entry by setting `clmgmtLicenseActionRowStatus` to `destroy(6)` when `clmgmtLicenseActionState` is `pending(2)`.

The status of action execution can be known by querying `clmgmtLicenseActionState`. If the action is still in `pending(2)` or in `inProgress(3)` state, the management application need to check back again after few seconds. Once the action completes and status of the action is `failed(6)`, the reason for failure can be retrieved from `clmgmtLicenseActionFailCause`. If the status of the action is `partiallySuccessful(5)`, results of individual licenses can be queried from `clmgmtLicenseActionResultTable`.

Not all objects in the entry are needed to execute every action. Below is the list of actions and the required objects that are needed to be set for executing that action.

#### 1. Installing a license

The following MIB objects need to be set for installing a license

- a. `clmgmtLicenseActionTransferProtocol`

- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicenseFile
- g. clmgmtLicenseStore
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAcceptEULA
- j. clmgmtLicenseAction

clmgmtLicenseActionEntPhysicalIndex need not be set explicitly for license installs. License itself identifies the device where the license needs to be installed.

clmgmtLicenseStore need to be set to store the licenses in a non-default license store. But, if a license file has more than one license and licenses need to be installed on multiple devices (for example to multiple members within a stack), then value of clmgmtLicenseStore is ignored and the licenses will be installed in default license stores of the respective devices.

## 2. Clearing a license

The following MIB objects need to be set for clearing a license

- a. clmgmtLicenseActionEntPhysicalIndex
- b. clmgmtLicenseActionLicenseIndex
- c. clmgmtLicenseStore
- d. clmgmtLicenseAction

## 3. Revoking a license

The following MIB objects need to be set for revoking a license

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicensePermissionTicketFile
- g. clmgmtLicenseRehostTicketFile
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAction

## 4. Regenerate last rehost ticket

The following MIB objects need to be set for regenerating last rehost ticket

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType



- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicensePermissionTicketFile
- g. clmgmtLicenseRehostTicketFile
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAction

5. Save all licenses to a backup storage

The following MIB objects need to be set for storing all licenses to a backup store

- a. clmgmtLicenseActionEntPhysicalIndex
- b. clmgmtLicenseActionTransferProtocol
- c. clmgmtLicenseServerAddressType
- d. clmgmtLicenseServerAddress
- e. clmgmtLicenseServerUsername
- f. clmgmtLicenseServerPassword
- g. clmgmtLicenseBackupFile
- h. clmgmtLicenseAction

6. Generate and export EULA if the licenses need EULA to be accepted for installing.

The following MIB objects need to be set exporting required EULAs

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicenseFile
- g. clmgmtLicenseEULAFile
- h. clmgmtLicenseAction

For any action, if clmgmtLicenseActionTransferProtocol is set to local(2), the following objects need not be set.

- a. clmgmtLicenseServerAddressType
- b. clmgmtLicenseServerAddress
- c. clmgmtLicenseServerUsername
- d. clmgmtLicenseServerPassword

Entry can be deleted except when clmgmtLicenseAction is set to pending(2). All entries are volatile and are cleared on agent reset.;

smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1";

```
leaf clmgmtLicenseActionIndex {
  type uint32 {
```

```

    range "1..4294967295";
  }
  description
  "This object uniquely identifies a row in
  clmgmtLicenseActionTable. The management application should choose
  this value by reading clmgmtNextFreeLicenseActionIndex
  while creating an entry in this table. If an entry already
  exists with this index, the creation of the entry will not
  continue and error will be returned. The management application
  should read the value of clmgmtNextFreeLicenseActionIndex
  again and retry with the new value for this object.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.1";
}

```

```

leaf clmgmtLicenseActionEntPhysicalIndex {
  type entity-mib:PhysicalIndexOrZero;
  description
  "This object represents the entPhysicalIndex of the device
  where the action is being executed. This object is mainly
  used in devices where one device is acting as a master and
  rest of the devices as slaves. The master device is
  responsible for SNMP communication with the management
  application. Examples include stackable switches, devices
  with route processor and line card configuration. If this
  object is not set, the license action will be executed on
  the master device. Note: This object need not be set if
  there is a stand alone device";
  smiv2:defval "0";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.2";
}

```

```

leaf clmgmtLicenseActionTransferProtocol {
  type cisco-license-mgmt-mib:ClmgmtLicenseTransferProtocol;
  description
  "This object represents the transfer protocol to be used
  when copying files as specified in the following objects.
  1. clmgmtLicenseFile
  2. clmgmtLicensePermissionTicketFile
  3. clmgmtLicenseRehostTicketFile
  4. clmgmtLicenseBackupFile

  Note: This object need not be set if the all the files
  required for the action are in device's local file system.";
  smiv2:defval "none";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.3";
}

```

```

}

leaf clmgmtLicenseServerAddressType {
  type inet-address:InetAddressType;
  description
    "This object indicates the transport type of the
    address contained in clmgmtLicenseServerAddress object.
    This must be set when clmgmtLicenseActionTransferProtocol
    is not none(1) or local(2).";
  smiv2:defval "unknown";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.4";
}

```

```

leaf clmgmtLicenseServerAddress {
  type inet-address:InetAddress;
  description
    "This object indicates the ip address of the server from
    which the files must be read or written to if
    clmgmtLicenseActionTransferProtocol is not none(1) or
    local(2).

```

All bits as 0s or 1s for clmgmtLicenseServerAddress are not allowed.

```

    The format of this address depends on the value of the
    clmgmtLicenseServerAddressType object";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.5";
}

```

```

leaf clmgmtLicenseServerUsername {
  type snmp-framework:SnmpAdminString {
    length "0..96";
  }
  description
    "This object indicates the remote user name for accessing
    files via ftp, rcp, sftp or scp protocols. This object must
    be set when the clmgmtLicenseActionTransferProtocol is
    ftp(4), rcp(5), scp(7) or sftp(8). If
    clmgmtLicenseActionTransferProtocol is rcp(5), the remote
    username is sent as the server username in an rcp command
    request sent by the system to a remote rcp server.";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.6";
}

```

```

leaf clmgmtLicenseServerPassword {
  type snmp-framework:SnmpAdminString {
    length "0..96";
  }
  description
  "This object indicates the password used by ftp, sftp or
  scp for copying a file to/from an ftp/sftp/scp server.
  This object must be set when the
  clmgmtLicenseActionTransferProtocol is ftp(4) or scp(7)
  or sftp(8). Reading it returns a zero-length string for
  security reasons.";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.7";
}

leaf clmgmtLicenseFile {
  type snmp-framework:SnmpAdminString {
    length "0..255";
  }
  description
  "This object represents the location of the license file
  on the server identified by clmgmtLicenseServerAddress. This
  object MUST be set to a valid value before or concurrently
  with setting the value of the clmgmtLicenseAction object to
  install(2). For other operations, the value of this
  object is not considered, it is irrelevant.";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.8";
}

leaf clmgmtLicenseStore {
  type uint32;
  description
  "This object represents the clmgmtLicenseStoreIndex of the
  license store to use within the device. The license store
  can be a local disk or flash. A device can have more than
  one license stores. If this object is not set, the license
  will be stored in the default license store as exposed by
  clmgmtDefaultLicenseStore object.";
  smiv2:defval "0";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.9";
}

leaf clmgmtLicenseActionLicenseIndex {

```

```

type cisco-license-mgmt-mib:ClmgmtLicenseIndexOrZero;
description
"This object indicates the the license index of the license
that is the subject of this action. This is used for
identifying a license for performing actions specific to
that license. This object need to be set only if
clmgmtLicenseAction is set to clear(4). The value of this
object is same as the clmgmtLicenseIndex object in
clmgmtLicenseInfoEntry for license that is subject of this
action.";
smiv2:defval "0";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.10";
}

```

```

leaf clmgmtLicensePermissionTicketFile {
type snmp-framework:SnmpAdminString {
length "0..255";
}
description
"This object indicates the file name of the permission
ticket. This object need to be set only if
clmgmtLicenseAction is set to processPermissionTicket(4)
or regenerateLastRehostTicket(5) actions. The permission
ticket is obtained from Cisco licensing portal to revoke
a license. The management application must set this object
to valid value before invoking the action.";
smiv2:defval "";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.11";
}

```

```

leaf clmgmtLicenseRehostTicketFile {
type snmp-framework:SnmpAdminString {
length "0..255";
}
description
"This object indicates the file where the rehost ticket
generated by the device need to be exported to. The rehost
ticket is generated as a result of processPermissionTicket
and regenerateLastRehostTicket actions. After generating
the rehost ticket, the device exports the rehost ticket
contents to this file. This object need to be set only
if clmgmtLicenseAction is set to processPermissionTicket(4)
or regenerateLastRehostTicket(5) actions.";
smiv2:defval "";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.12";
}

```

```

}

leaf clmgmtLicenseBackupFile {
  type snmp-framework:SnmpAdminString {
    length "0..255";
  }
  description
  "This object indicates the file where all the licenses in
  the device need to be backed up. This object need to be set
  only if clmgmtLicenseAction is set to backup(6) and the
  management application must set the value of this object
  to valid value before invoking action.";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.13";
}

```

```

leaf clmgmtLicenseStopOnFailure {
  type boolean;
  description
  "This object indicates whether the license action should
  stop if the action on a license fails. This object is
  applicable only if there are more than one licenses
  involved in an action.";
  smiv2:defval "false";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.14";
}

```

```

leaf clmgmtLicenseAction {
  type enumeration {
    enum "noOp" {
      value "1";
    }
    enum "install" {
      value "2";
    }
    enum "clear" {
      value "3";
    }
    enum "processPermissionTicket" {
      value "4";
    }
    enum "regenerateLastRehostTicket" {
      value "5";
    }
    enum "backup" {
      value "6";
    }
  }
}

```

```

    }
    enum "generateEULA" {
        value "7";
    }
}
description
"This object indicates the the command/action to be executed.

```

Command	Remarks
-----	-----
noOp(1)	No operation will be performed.
install(2)	Installs the license.
clear(3)	Clears the license.
processPermissionTicket(4)	Processes thee permission ticket and generates and exports rehost ticket.
regenerateLastRehostTicket(5)	Generates and exports the last generated rehost ticket.
backup(6)	Backs up all the licenses installed currently onto a backup store.
generateEULA(7)	Checks whether the licenses in the license file need EULA acceptance and uploads the needed EULA contents to a file.";

```

smiv2:defval "noOp";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.15";
}

```

```

leaf clmgmtLicenseActionState {
    type cisco-license-mgmt-mib:ClmgmtLicenseActionState;
    description
        "This object indicates the state of this license action.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.16";
}

```

```

leaf clmgmtLicenseJobQPosition {
    type uint32;
}

```

```
description
"This object represents the position of the action
in the license action job queue that is maintained
internally. Only actions in pending(2) state will
be put in the queue until they are executed. By
reading this object, the management application can make
intelligent decision on whether to execute another
action that it is planning on. For example, if there
is already a license clear action in the queue in
pending(2) state, management application can choose to
defer its license back up action to a later time. This
object will return a value of 0 if the action is not in
pending(2) state.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.17";
}
```

```
leaf clmgmtLicenseActionFailCause {
type cisco-license-mgmt-mib:ClmgmtLicenseActionFailCause;
description
"This object indicates the reason for this license action
failure. The value of this object is valid only when
clmgmtLicenseActionState is failed(6).";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.18";
}
```

```
leaf clmgmtLicenseActionStorageType {
type snmpv2-tc:StorageType;
description
"This object indicates the storage type for this conceptual
row. Conceptual rows having the value 'permanent' need not
allow write-access to any columnar objects in the row.";
smiv2:defval "volatile";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.19";
}
```

```
leaf clmgmtLicenseActionRowStatus {
type snmpv2-tc:RowStatus;
description
"This object indicates the the status of this table entry.
Once the entry status is set to active(1), the associated
entry cannot be modified until the action completes
(clmgmtLicenseConfigCommandStatus is set to a value
other than inProgress(3)). Once the action completes
the only operation possible after this is to delete
the row. It is recommended that the management application
```



```
    should delete entries in this table after reading
    the result. In order to prevent old entries from
    clogging the table, entries will be aged out, but an
    entry will never be deleted within 5 minutes of
    completion";
    smiv2:max-access "read-write";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.20";
}
```

```
leaf clmgmtLicenseAcceptEULA {
  type boolean;
  description
    "This object indicates whether the End User License Agreement
    needed for installing the licenses is accepted.

    true(1) - EULA is read and accepted
    false(2) - EULA is not accepted

    Management application should set this object to true(1) when
    installing licenses that need EULA acceptance.";
  smiv2:defval "false";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.21";
}
```

```
leaf clmgmtLicenseEULAFile {
  type snmp-framework:SnmpAdminString {
    length "0..255";
  }
  description
    "This object indicates the file where all the End User License
    Agreements (EULAs) need to be exported to. This object need to
    be set only if clmgmtLicenseAction is set to generateEULA(7) and
    the management application must set the value of this object to
    valid value before invoking action.";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.22";
}
}
```

```
container clmgmtLicenseActionResultTable {
  description
    "This table contains results of license action if the
    license action involves multiple licenses. Entries in this
    table are not created for actions where there is
    only license that is subject of the action. For
```

example, if there are 3 licenses in a license file when executing license install action, 3 entries will be created in this table, one for each license.";  
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3";

```
list clmgmtLicenseActionResultEntry {  
  key "clmgmtLicenseActionIndex clmgmtLicenseNumber";  
  description  
  "An entry in clmgmtLicenseActionResultTable. Each entry  
  contains result of the action for a single license.  
  These entries are created immediately after action  
  execution when the action involves multiple licenses.  
  These entries get automatically deleted when the  
  corresponding entry in clmgmtLicenseActionTable  
  is deleted.";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3.1";
```

```
  leaf clmgmtLicenseActionIndex {  
    type leafref {  
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-  
mib:clmgmtLicenseActionTable/cisco-license-mgmt-mib:clmgmtLicenseActionEntry/cisco-license-mgmt-  
mib:clmgmtLicenseActionIndex";  
    }  
  }
```

```
  leaf clmgmtLicenseNumber {  
    type uint32 {  
      range "1..4294967295";  
    }  
    description  
    "This object indicates the sequence number of this license  
    in the list of licenses on which the action is executed.  
    For example, if there are 3 licenses in a license file  
    when executing license install action, this object will  
    have values 1, 2 and 3 respectively as ordered in the  
    license file.";  
    smiv2:max-access "not-accessible";  
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3.1.1";  
  }
```

```
  leaf clmgmtLicenseIndivActionState {  
    type cisco-license-mgmt-mib:ClmgmtLicenseActionState;  
    description  
    "This object indicates the state of action on this  
    individual license.";  
    smiv2:max-access "read-only";  
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3.1.2";  
  }
```

```

leaf clmgmtLicenseIndivActionFailCause {
  type cisco-license-mgmt-mib:ClmgmtLicenseActionFailCause;
  description
    "This object indicates the reason for action failure on this
    individual license";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3.1.3";
}
}
}

container clmgmtLicenseStoreInfoTable {
  description
    "This table contains information about all the license
    stores allocated on the device.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1";

  list clmgmtLicenseStoreInfoEntry {
    key "entPhysicalIndex clmgmtLicenseStoreIndex";
    description
      "An entry in clmgmtLicenseStoreInfoTable. Each entry
      contains information about a license store allocated
      on the device";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1";

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }
  }

  leaf clmgmtLicenseStoreIndex {
    type uint32 {
      range "1..4294967295";
    }
    description
      "This object uniquely identifies a license store within
      the device.";
    smiv2:max-access "not-accessible";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1.1";
  }

  leaf clmgmtLicenseStoreName {
    type snmp-framework:SnmpAdminString {
      length "0..255";
    }
  }
}

```

```

description
  "This object indicates the name of the license store
  within the device. It is a file in device's local file
  system i.e., either on a local disk or flash or some
  other storage media. For example, the value of this
  object can be 'disk1:lic_store_1.txt' or
  'flash:lic_store_2.txt';
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1.2";
}

leaf clmgmtLicenseStoreTotalSize {
  type uint32;
  units "bytes";
  description
    "This object indicates the total number of bytes that are
    allocated to the license store.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1.3";
}

leaf clmgmtLicenseStoreSizeRemaining {
  type uint32;
  units "bytes";
  description
    "This object indicates the number of bytes still remaining
    to be used for new license installations in the license
    store.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1.4";
}
}
}

container clmgmtLicenseDeviceInfoTable {
  description
    "This table contains objects that provide licensing related
    information at the device level. Entries will exist
    only for entities that support licensing. For example,
    if it is a stand alone device and supports licensing,
    then there will be only one entry in this table. If
    it is stackable switch then there will be multiple
    entries with one entry for each device in the stack.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.2";

  list clmgmtLicenseDeviceInfoEntry {
    key "entPhysicalIndex";
    description

```

"An entry in clmgmtLicenseDeviceInfoTable. Each entry contains device level licensing information for a device.";  
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.2.1";

```
leaf entPhysicalIndex {  
  type leafref {  
    path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-  
mib:entPhysicalIndex";  
  }  
}
```

```
leaf clmgmtDefaultLicenseStore {  
  type uint32 {  
    range "1..4294967295";  
  }  
  description  
  "This object indicates the clmgmtLicenseStoreIndex of  
  default store in the device. There will be only one  
  default license store per device. If no license store  
  is specified during license install, this default license  
  store will be used.";  
  smiv2:max-access "read-only";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.2.1.1";  
}
```

```
container clmgmtLicenseInfoTable {  
  description  
  "This table contains information about all the licenses  
  installed on the device.";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3";
```

```
list clmgmtLicenseInfoEntry {  
  key "entPhysicalIndex clmgmtLicenseStoreUsed clmgmtLicenseIndex";  
  description  
  "An entry in clmgmtLicenseInfoTable. Each entry contains  
  information about a license installed on the device. This  
  entry gets created when a license is installed successfully.  
  Management application can not create these entries directly, but  
  will do so indirectly by executing license install action.  
  Some of these entries may already exist that correspond to  
  demo licenses even before management application installs any  
  licenses.";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1";
```

```
leaf entPhysicalIndex {  
  type leafref {
```

```
    path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
  }
}
```

```
leaf clmgmtLicenseStoreUsed {
  type uint32 {
    range "1..4294967295";
  }
  description
  "This object represents the license store that is used for
  storing this license. This object will have the same value
  as clmgmtLicenseStoreIndex in clmgmtLicenseStoreInfoEntry
  of the license store used.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.1";
}
```

```
leaf clmgmtLicenseIndex {
  type cisco-license-mgmt-mib:ClmgmtLicenseIndex;
  description
  "This object uniquely identifies a license within
  the device.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.2";
}
```

```
leaf clmgmtLicenseFeatureName {
  type snmp-framework:SnmpAdminString {
    length "0..128";
  }
  description
  "This object indicates the name of the feature that is
  using or can use this license. A license can be used by
  only one feature. Examples of feature name are: 'IPBASE',
  'ADVIPSERVICE'.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.3";
}
```

```
leaf clmgmtLicenseFeatureVersion {
  type snmp-framework:SnmpAdminString {
    length "0..128";
  }
  description
  "This object indicates the version of the feature that is
  using or can use this license. Examples of feature version
  are: '1.0', '2.0'";
}
```

```

smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.4";
}

```

```

leaf clmgmtLicenseType {
  type enumeration {
    enum "demo" {
      value "1";
    }
    enum "extension" {
      value "2";
    }
    enum "gracePeriod" {
      value "3";
    }
    enum "permanent" {
      value "4";
    }
    enum "paidSubscription" {
      value "5";
    }
    enum "evaluationSubscription" {
      value "6";
    }
    enum "extensionSubscription" {
      value "7";
    }
    enum "evalRightToUse" {
      value "8";
    }
    enum "rightToUse" {
      value "9";
    }
    enum "permanentRightToUse" {
      value "10";
    }
  }
}

```

description

"This object identifies type of license. Licenses may have validity period defined in terms of time duration that the license is valid for or it may be defined in terms of actual calendar dates. Subscription licenses are licenses that have validity period defined in terms of calendar dates.

demo(1)           - demo(evaluation license) license.  
extension(2)       - Extension(expiring) license.  
gracePeriod(3)    - Grace period license.  
permanent(4)      - permanent license, the license has no

expiry date.

paidSubscription(5) - Paid subscription licenses are the licenses

which are purchased by customers. These licenses have a start date and end date associated with them.

evaluationSubscription(6)-Evaluation subscription licenses are the trial licenses. These licenses are node locked and it can be obtained only once for an UDI. They are valid based on calendar days. These licenses have a start date and an end date associated with them and are issued once per UDI.

extensionSubscription(7)- Extension subscription licenses are similar to evaluation subscription licenses but these licenses are issued based on customer request. There are no restrictions on the number of licenses available for a UDI.

evalRightToUse(8) - Evaluation Right to use (RTU) license.

rightToUse(9) - Right to use (RTU) license.

permanentRightToUse(10) ? Right To Use license right after it is configured and is valid for the lifetime of the product. This is a Right To Use license which is not in evaluation mode for a limited time.";

```
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.5";
}
```

```
leaf clmgmtLicenseCounted {
  type boolean;
  description
  "This object indicates whether the license is counted
  license.
  true(1) - counted license
  false(2) - uncounted license";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.6";
}
```

```
leaf clmgmtLicenseValidityPeriod {
  type uint32;
  units "seconds";
  description
  "This object indicates the time period the license is valid for.
  This object is applicable only if clmgmtLicenseType is demo(1),
```



```
    or extension(2) or gracePeriod(3) or evalRightToUse(8). The
    object will return 0 for other license types.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.7";
}
```

```
leaf clmgmtLicenseValidityPeriodRemaining {
    type uint32;
    units "seconds";
    description
        "This object indicates the time period remaining before the
        license expires or transitions to rightToUse(9) license. This
        object is applicable only if clmgmtLicenseType is demo(1), or
        extension(2) or gracePeriod(3) or evalRightToUse(8). The object
        will contain 0 for other license types.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.8";
}
```

```
leaf clmgmtLicenseExpiredPeriod {
    type uint32;
    units "seconds";
    description
        "This object indicates the elapsed time period since the license
        expired. This object is applicable only if clmgmtLicenseType
        is demo(1), or extension(2) or gracePeriod(3). Also, this
        value of this object will be valid only after the license
        expires. The object will return 0 for other license types
        or before the license expiry.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.9";
}
```

```
leaf clmgmtLicenseMaxUsageCount {
    type uint32;
    description
        "This object indicates the maximum number of entities that
        can use this license. This object is applicable only if
        clmgmtLicenseCounted is true(1). The entity that is being
        counted can be anything and it depends on the licensable
        feature.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.10";
}
```

```
leaf clmgmtLicenseUsageCountRemaining {
    type uint32;
    description
```

```
"This object indicates the number of entities that can
still use this license. This object is applicable only
if clmgmtLicenseCounted is true(1).";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.11";
}
```

```
leaf clmgmtLicenseEULAStatus {
type boolean;
description
"This object indicates whether the user accepted
End User License Agreement for this license.

true(1) - EULA accpeted
false(2) - EULA not accepted";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.12";
}
```

```
leaf clmgmtLicenseComments {
type snmp-framework:SnmpAdminString {
length "0..255";
}
description
"This object represents the user modifiable comments
about the license. This object is initially populated
with comments from the license file.";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.13";
}
```

```
leaf clmgmtLicenseStatus {
type enumeration {
enum "inactive" {
value "1";
}
enum "notInUse" {
value "2";
}
enum "inUse" {
value "3";
}
enum "expiredInUse" {
value "4";
}
enum "expiredNotInUse" {
value "5";
}
}
```

```

enum "usageCountConsumed" {
    value "6";
}
}
description
"This object represents status of the license.

inactive(1)      - license is installed, but
                  not active.
notInUse(2)      - license is installed and
                  available for use.
inUse(3)         - the license is being used (by
                  a feature).
expiredInUse(4)  - license is expired but still
                  being held by the feature.
expiredNotInUse(5) - license is expired and not being
                  held by any feature.
usageCountConsumed(6) - number of entities using this
                  licenses has reached the allowed
                  limit, no new entities are allowed
                  to use this license.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.14";
}

```

```

leaf clmgmtLicenseStartDate {
    type snmpv2-tc:DateAndTime;
    description
    "This object indicates the start date for a subscription
    license. It is optional for subscription licenses to have a
    start date associated with them, they may only have an end
    date associated with them. This object may be applicable only
    when clmgmtLicenseType is paidSubscription(5),
    evaluationSubscription(6) or extensionSubscription (7).
    The object will contain an octet string of length 0 when it is
    not applicable.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.15";
}

```

```

leaf clmgmtLicenseEndDate {
    type snmpv2-tc:DateAndTime;
    description
    "This object indicates the end date for a subscription license.
    This object is applicable only when clmgmtLicenseType is
    paidSubscription(5), evaluationSubscription(6) or
    extensionSubscription (7). The object will contain an octet
    string of length 0 when it is not applicable.";
}

```

```

smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.16";
}

leaf clmgmtLicensePeriodUsed {
  type uint32;
  units "seconds";
  description
    "This object indicates the time period used for the
    Right to use (RTU) licenses. This object is applicable for all
    RTU licenses.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.17";
}
}
}

container clmgmtLicensableFeatureTable {
  description
    "This table contains list of licensable features in the
    image. All the licensable features will have an entry each
    in this table irrespective of whether they are using any
    licenses currently. Entries in this table are created by
    the agent one for each licensable feature in the image.
    These entries remain in the table permanently and can not
    be deleted. Management application can not create or delete
    entries from this table.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4";

  list clmgmtLicensableFeatureEntry {
    key "entPhysicalIndex clmgmtFeatureIndex";
    description
      "An entry in clmgmtLicensableFeatureTable. Each entry represents
      a licensable feature.";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1";

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type uint32 {
        range "1..4294967295";
      }
      description

```

```

    "This object uniquely identifies a licensable feature in
    the device.";
    smiv2:max-access "not-accessible";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.1";
}

leaf clmgmtFeatureName {
    type snmp-framework:SnmpAdminString {
        length "0..128";
    }
    description
    "This object indicates the name of the licensable feature
    in the device. Examples of feature names are: 'IPBASE',
    'ADVIPSERVICE'";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.2";
}

leaf clmgmtFeatureVersion {
    type snmp-framework:SnmpAdminString {
        length "0..32";
    }
    description
    "This object indicates the version of the licensable
    feature in the device. Examples of feature versions
    are: '1.0' or '2.0'";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.3";
}

leaf clmgmtFeatureValidityPeriodRemaining {
    type uint32;
    units "seconds";
    description
    "This object indicates the time period remaining before
    the feature's license expires or transitions. This object is
    applicable only if clmgmtLicenseType of the license used by
    this feature is demo(1), or extension(2) or gracePeriod(3) or
    evalRightToUse(8).

    The object will contain 0 if other types of license is used
    or if the feature does not use any license. If the
    feature is using multiple licenses, this period will
    represent the cumulative period remaining from all the
    licenses used by this feature.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.4";
}

```

```

leaf clmgmtFeatureWhatIsCounted {
  type snmp-framework:SnmpAdminString {
    length "0..128";
  }
  description
  "This object represents the entity that is being counted
  by this feature. Examples of entities are IP Phones, number
  of sessions etc. This object is only applicable for
  features that use counting licenses. For other features,
  this object will return empty string.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.5";
}

leaf clmgmtFeatureStartDate {
  type snmpv2-tc:DateAndTime;
  description
  "This object indicates the license start date of the feature.
  This object is applicable if at least one of the licenses used
  for this feature has a valid start date. The start date will
  be the earliest of the valid start dates of all the licenses
  used for this feature. If none of the licenses used for this
  feature have a valid start date then this object will contain an
  octet string of length 0.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.6";
}

leaf clmgmtFeatureEndDate {
  type snmpv2-tc:DateAndTime;
  description
  "This object indicates the license end date of the feature.
  This object is applicable if at least one of the licenses used
  for this feature has a valid end date. The end date will
  be the latest of the valid end dates of all the licenses
  used for this feature. If none of the licenses used for this
  feature have a valid end date then this object will contain an
  octet string of length 0.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.7";
}

leaf clmgmtFeaturePeriodUsed {
  type uint32;
  units "seconds";
  description
  "This object indicates the license period used for the feature.";
}

```

```
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.8";
  }
}
```

```
container clmgmtDevCredExportActionTable {
```

```
  description
```

```
  "A table for triggering device credentials export action.
```

```
  Management application must create this entry to trigger the
  export of device credentials from the device to a file.
```

```
  Once the request completes, the management application should
  retrieve the values of the objects of interest, and then
  delete the entry. In order to prevent old entries from
  clogging the table, entries will be aged out, but an entry
  will never be deleted within 5 minutes of completion.";
```

```
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2";
```

```
list clmgmtDevCredExportActionEntry {
```

```
  key "clmgmtDevCredExportActionIndex";
```

```
  description
```

```
  "An entry for each device credential export action that
  is being executed or was executed recently. The management
  application triggers the export by creating an entry in this
  table. This can be done in the following 2 methods
```

#### 1. CREATE-AND-GO method

Management application sets `clmgmtDevCredExportActionStatus` to `createAndGo(4)` and all other required objects to valid values in a single SNMP SET request. If all the values are valid, the device creates the entry and executes the action. If the SET request fails, the entry will not be created.

#### 2. CREATE-AND-WAIT method

Management application sets `clmgmtDevCredExportActionStatus` to `createAndWait(5)` to create an entry. Management application can set all other required objects to valid values in more than one SNMP SET request. If SET request for any of the objects fails, management application can set just only that object. Once all the required objects are set to valid values, management application triggers action execution by setting `clmgmtDevCredExportActionStatus` to `active(1)`.

To stop the action from being executed, the management application can delete the entry by setting `clmgmtDevCredExportActionStatus` to `destroy(6)` when `clmgmtDevCredCommandState` is `pending(2)`.

The status of action execution can be known by querying `clmgmtDevCredCommandState`. If the action is still in `pending(2)` or `inProgress(3)`, the management application need to check back again after few seconds. Once the action completes and if status of the action is `failed(6)`, the reason for failure can be retrieved from `clmgmtDevCredCommandFailCause`.

Entry can be deleted except when `clmgmtLicenseAction` is set to `inProgress(3)`. All entries in this table are volatile and are cleared on agent reset.";  
`smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1";`

```
leaf clmgmtDevCredExportActionIndex {
  type uint32 {
    range "1..4294967295";
  }
  description
  "This object uniquely identifies a row in
  clmgmtDevCredExportActionTable. The management application
  chooses this value by reading
  clmgmtNextFreeDevCredExportActionIndex while creating an
  entry in this table. If an entry already exists with this
  index, the creation of the entry will not continue and
  error will be returned. The management application should
  read the value of clmgmtNextFreeDevCredExportActionIndex
  again and retry with the new value for this object.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.1";
}
```

```
leaf clmgmtDevCredEntPhysicalIndex {
  type entity-mib:PhysicalIndexOrZero;
  description
  "This object represents the entPhysicalIndex of the device
  for which the device credentials are being retrieved. This
  object is mainly used in devices where one device is acting
  as a master and rest of the devices as slaves. The master
  device is responsible for SNMP communication with the
  manager. Examples include stackable switches, devices with
  router processor and line cards.
```

Note: This object need not be set if it is a stand alone device";  
`smiv2:defval "0";`  
`smiv2:max-access "read-write";`  
`smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.2";`  
}



```

leaf clmgmtDevCredTransferProtocol {
  type cisco-license-mgmt-mib:ClmgmtLicenseTransferProtocol;
  description
    "This object indicates the transfer protocol to be used when
    copying files as specified in the following objects.
    1. clmgmtDevCredExportFile
    .";
  smiv2:defval "none";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.3";
}

```

```

leaf clmgmtDevCredServerAddressType {
  type inet-address:InetAddressType;
  description
    "This object indicates the transport type of the
    address contained in clmgmtDevCredServerAddress object.
    This must be set when clmgmtDevCredTransferProtocol
    is not none(1) or local(2).";
  smiv2:defval "unknown";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.4";
}

```

```

leaf clmgmtDevCredServerAddress {
  type inet-address:InetAddress;
  description
    "This object indicates the the ip address of the server
    from which the files must be read or written to if
    clmgmtDevCredTransferProtocol is not none(1) or local(2).

    All bits as 0s or 1s for clmgmtDevCredServerAddress are not
    allowed.

    The format of this address depends on the value of the
    clmgmtDevCredServerAddressType object";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.5";
}

```

```

leaf clmgmtDevCredServerUsername {
  type snmp-framework:SnmpAdminString {
    length "0..96";
  }
  description
    "This object indicates the remote user name for accessing

```

files via ftp, rcp, sftp or scp protocols. This object must be set when the clmgmtDevCredTransferProtocol is ftp(4), rcp(5), scp(7) or sftp(8). If clmgmtDevCredTransferProtocol is rcp(5), the remote username is sent as the server username in an rcp command request sent by the system to a remote rcp server.";

```

smiv2:defval "";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.6";
}

```

```

leaf clmgmtDevCredServerPassword {
  type snmp-framework:SnmpAdminString {
    length "0..96";
  }
  description
  "This object indicates the password used by ftp, sftp or scp for copying a file to/from an ftp/sftp/scp server. This object must be set when the clmgmtDevCredTransferProtocol is ftp(4) or scp(7) or sftp(8). Reading it returns a zero-length string for security reasons.";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.7";
}

```

```

leaf clmgmtDevCredExportFile {
  type snmp-framework:SnmpAdminString {
    length "0..255";
  }
  description
  "This object represents file where device credentials needs to be exported to.";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.8";
}

```

```

leaf clmgmtDevCredCommand {
  type enumeration {
    enum "noOp" {
      value "1";
    }
    enum "getDeviceCredentials" {
      value "2";
    }
  }
  description

```

"This object indicates the the command to be executed.

Command	Remarks
-----	-----
noOp(1)	No operation will be performed.

```
    getDeviceCredentials(2)    Exports device credentials";
smiv2:defval "noOp";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.9";
}
```

```
leaf clmgmtDevCredCommandState {
type cisco-license-mgmt-mib:ClmgmtLicenseActionState;
description
"This object indicates the state of the action that is
executed as a result of setting clmgmtDevCredRowStatus
to active(1).";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.10";
}
```

```
leaf clmgmtDevCredCommandFailCause {
type enumeration {
enum "none" {
value "1";
}
enum "unknownError" {
value "2";
}
enum "transferProtocolNotSupported" {
value "3";
}
enum "fileServerNotReachable" {
value "4";
}
enum "unrecognizedEntPhysicalIndex" {
value "5";
}
enum "invalidFile" {
value "6";
}
}
description
"This object indicates the the reason for device
credentials export operation failure.
```

The value of this object is valid only when  
clmgmtDevCredCommandState is failed(6).

none(1) - action execution has not started yet.

If the action is completed and the  
action is successful, then also  
none(1) is returned to indicate that  
there are no errors.

unknownError(2) - reason for failure is unknown,  
operation failed, no operation is  
performed

transferProtocolNotSupported(3) - clmgmtDevCredTransferProtocol  
given is not supported.

fileServerNotReachable(4) - file server is not reachable.

unrecognizedEntPhysicalIndex(5) - entPhysicalIndex is not  
valid

invalidFile(6) - The target file specified is not valid.";

smiv2:max-access "read-only";

smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.11";

}

leaf clmgmtDevCredStorageType {

type snmpv2-tc:StorageType;

description

"This object indicates the storage type for this conceptual  
row. Conceptual rows having the value 'permanent' need not  
allow write-access to any columnar objects in the row.";

smiv2:defval "volatile";

smiv2:max-access "read-write";

smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.12";

}

leaf clmgmtDevCredRowStatus {

type snmpv2-tc:RowStatus;

description

"This object indicates the the status of this table entry.  
Once the entry status is set to active(1), the associated  
entry cannot be modified until the action completes  
(clmgmtDevCredCommandStatus is set to a value  
other than inProgress(3)). Once the action completes  
the only operation possible after this is to delete  
the row.

clmgmtDevCredExportFile is a mandatory object to be  
set when creating this entry.";

smiv2:max-access "read-write";

smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.13";

}

```

    }
  }
}

notification clmgmtLicenseExpired {
  description
  "This notification is sent, when a feature license
  expires. This notification will be sent continuously
  every week even after the expiry to alert the management
  application.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.1";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }

    leaf clmgmtFeatureName {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
      }
    }
  }

  container object-2 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {

```

```

    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
}

```

```

leaf clmgmtFeatureVersion {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
  }
}
}
}
}

```

```

notification clmgmtLicenseExpiryWarning {
  description
  "This notification is sent when a license is about to
  expire. This notification will go out multiple times.
  First notification goes out when expiry day is 4 weeks
  ahead, second notification when expiry day is 3 weeks
  ahead, third notification when expiry day is 2 weeks
  ahead. This notification will go out daily in the
  last week of license expiry.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.2";
}

```

```

container object-1 {

```

```

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
}

```

```

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
}

```

```

  leaf clmgmtFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-

```

```

mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
    }
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }
}

container object-3 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
}

```

```

leaf clmgmtFeatureValidityPeriodRemaining {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureValidityPeriodRemaining";
  }
}

```

```

notification clmgmtLicenseUsageCountExceeded {
  description
  "This notification is sent when clmgmtLicenseUsageCountRemaining
  has reached clmgmtLicenseMaxUsageCount for a counting license.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.3";

```

```

container object-1 {

```

```

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

```

```

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

```

```

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

```

```

  leaf clmgmtLicenseFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
    }
  }

```



```

    }
  }

  container object-2 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtLicenseStoreUsed {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
      }
    }

    leaf clmgmtLicenseIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
      }
    }

    leaf clmgmtLicenseFeatureVersion {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
      }
    }
  }

  container object-3 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtLicenseStoreUsed {
      type leafref {

```

```

    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
  }
}

leaf clmgmtLicenseIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
  }
}

leaf clmgmtLicenseMaxUsageCount {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseMaxUsageCount";
  }
}
}

container object-4 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureWhatIsCounted {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureWhatIsCounted";
    }
  }
}
}

```

```

container object-5 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
        }
    }

    leaf clmgmtLicenseComments {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
        }
    }
}

notification clmgmtLicenseUsageCountAboutToExceed {
    description
    "This notification is sent when clmgmtLicenseUsageCountRemaining
has reached 80% of clmgmtLicenseMaxUsageCount for a counting
license. This is a warning notification to the management
application that very soon the maximum count will be reached
and after that the device will not allow new entities to
make use of this license.";
    smiv2:oid "1.3.6.1.4.1.9.9.543.0.4";

    container object-1 {

```

```
leaf entPhysicalIndex {
  type leafref {
    path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
  }
}
```

```
leaf clmgmtLicenseStoreUsed {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
  }
}
```

```
leaf clmgmtLicenseIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
  }
}
```

```
leaf clmgmtLicenseFeatureName {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
  }
}
```

```
container object-2 {
```

```
leaf entPhysicalIndex {
  type leafref {
    path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
  }
}
```

```
leaf clmgmtLicenseStoreUsed {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
  }
}
```

```
leaf clmgmtLicenseIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
  }
}
```

```
leaf clmgmtLicenseFeatureVersion {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
  }
}
```

```
container object-3 {
```

```
  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
```

```
  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }
```

```
  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }
```

```
  leaf clmgmtLicenseMaxUsageCount {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseMaxUsageCount";
    }
  }
```

```

    }
  }
}

container object-4 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseUsageCountRemaining {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseUsageCountRemaining";
    }
  }
}

container object-5 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {

```

```

    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureWhatIsCounted {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureWhatIsCounted";
    }
  }
}

container object-6 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseComments {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
    }
  }
}

```

```

}
}

notification clmgmtLicenseInstalled {
  description
    "This notification is sent when a license is installed
    successfully.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.5";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtLicenseStoreUsed {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
      }
    }

    leaf clmgmtLicenseIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
      }
    }

    leaf clmgmtLicenseFeatureName {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
      }
    }
  }

  container object-2 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-

```



```

mib:entPhysicalIndex";
    }
}

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
        }
    }

    leaf clmgmtLicenseFeatureVersion {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
        }
    }
}

container object-3 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {

```

```

    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
}

leaf clmgmtLicenseType {
    type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseType";
    }
}

container object-4 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
        }
    }

    leaf clmgmtLicenseComments {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
        }
    }
}

```

```

}

notification clmgmtLicenseCleared {
  description
    "This notification is sent when a license is cleared
    successfully.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.6";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtLicenseStoreUsed {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
      }
    }

    leaf clmgmtLicenseIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
      }
    }

    leaf clmgmtLicenseFeatureName {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
      }
    }
  }

  container object-2 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";

```

```

    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
    }
  }
}

container object-3 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-

```

```

mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
}

leaf clmgmtLicenseType {
    type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseType";
    }
}

container object-4 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
        }
    }

    leaf clmgmtLicenseComments {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
        }
    }
}

```

```

notification clmgmtLicenseRevoked {
  description
    "This notification is sent when a license is revoked
    successfully.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.7";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtLicenseStoreUsed {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
      }
    }

    leaf clmgmtLicenseIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
      }
    }

    leaf clmgmtLicenseFeatureName {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
      }
    }
  }

  container object-2 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }
  }
}

```

```

}

leaf clmgmtLicenseStoreUsed {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
  }
}

leaf clmgmtLicenseIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
  }
}

leaf clmgmtLicenseFeatureVersion {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
  }
}

container object-3 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-

```

```

mib:clmgmtLicenseIndex";
    }
}

    leaf clmgmtLicenseType {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseType";
        }
    }
}

    container object-4 {

        leaf entPhysicalIndex {
            type leafref {
                path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
            }
        }

        leaf clmgmtLicenseStoreUsed {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
            }
        }

        leaf clmgmtLicenseIndex {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
            }
        }

        leaf clmgmtLicenseComments {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
            }
        }
    }
}

```



```

notification clmgmtLicenseEULAAccepted {
  description
    "This notification is sent when a user accepts End User
    License Agreement (EULA) for a license.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.8";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }

    leaf clmgmtFeatureName {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
      }
    }
  }

  container object-2 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }
  }
}

```

```

leaf clmgmtFeatureVersion {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
  }
}

```

```

notification clmgmtLicenseNotEnforced {
  description
  "This notification is sent when a license does not
  exist for a feature, but the feature is a mandatory
  feature and it should run. This notification will be
  sent out periodically to indicate that there is no
  license installed for this feature and it needs to
  be done as soon as possible.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.9";
}

```

```

container object-1 {

```

```

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
}

```

```

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
}

```

```

  leaf clmgmtFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
    }
  }
}

```

```

  container object-2 {

```

```

leaf entPhysicalIndex {
  type leafref {
    path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
  }
}

leaf clmgmtFeatureIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
  }
}

leaf clmgmtFeatureVersion {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
  }
}
}

notification clmgmtLicenseSubscriptionExpiryWarning {
  description
  "This notification is sent when a subscription license of a
  feature is about to expire. This notification will be sent as
  per the following schedule:
  Once a week for the last eight weeks
  Once a day for the last week
  Once a hour for the last day";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.10";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-

```

```

mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
}

    leaf clmgmtFeatureName {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
        }
    }
}

    container object-2 {

        leaf entPhysicalIndex {
            type leafref {
                path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
            }
        }

        leaf clmgmtFeatureIndex {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
            }
        }

        leaf clmgmtFeatureVersion {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
            }
        }
    }

    container object-3 {

        leaf entPhysicalIndex {
            type leafref {
                path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
            }
        }
    }
}

```

```

leaf clmgmtFeatureIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
  }
}

```

```

leaf clmgmtFeatureEndDate {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureEndDate";
  }
}
}
}

```

```

notification clmgmtLicenseSubscriptionExtExpiryWarning {
  description
  "This notification is sent when the subscription license end
  date of a feature is reached but extension period is left. This
  notification will be sent once a day after the license end date
  is reached.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.11";
}

```

```

container object-1 {

```

```

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
}

```

```

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
}

```

```

  leaf clmgmtFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-

```

```

mib:clmgmtFeatureName";
    }
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }
}

container object-3 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
}

```

```

leaf clmgmtFeatureEndDate {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureEndDate";
  }
}

```

```

notification clmgmtLicenseSubscriptionExpired {
  description
  "This notification will be sent after a subscription license
of a feature completely expires. It will be sent once a day
after the license has completely expired";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.12";
}

```

```

container object-1 {

```

```

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
}

```

```

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
}

```

```

  leaf clmgmtFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
    }
  }
}

```

```

container object-2 {

```

```

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-

```

```

mib:entPhysicalIndex";
    }
}

    leaf clmgmtFeatureIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
        }
    }

    leaf clmgmtFeatureVersion {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
        }
    }
}

container object-3 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtFeatureIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
        }
    }

    leaf clmgmtFeatureEndDate {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureEndDate";
        }
    }
}

```



```

notification clmgmtLicenseEvalRTUTransitionWarning {
  description
    "This notification is sent when Evaluation to Right to use (RTU)
    license transition is about to happen. The first notification
    will be sent 10 days before the transition and second
    notification will be sent 5 days before the transition.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.13";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }

    leaf clmgmtFeatureName {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
      }
    }
  }

  container object-2 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }
  }
}

```

```

    }
  }

  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }

  container object-3 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }

    leaf clmgmtFeatureValidityPeriodRemaining {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureValidityPeriodRemaining";
      }
    }
  }

  notification clmgmtLicenseEvalRTUTransition {
    description
      "This notification is sent, when a feature license transitions
      from a evaluation to a Right to use (RTU) license.";
    smiv2:oid "1.3.6.1.4.1.9.9.543.0.14";

    container object-1 {

      leaf entPhysicalIndex {

```

```

    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
    }
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }
}

```

```

}

smiv2:alias "ciscoLicenseMgmtMIB" {
    smiv2:oid "1.3.6.1.4.1.9.9.543";
}

smiv2:alias "ciscoLicenseMgmtMIBNotifs" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.0";
}

smiv2:alias "ciscoLicenseMgmtMIBObjects" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.1";
}

smiv2:alias "clmgmtLicenseConfiguration" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1";
}

smiv2:alias "clmgmtLicenseInformation" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2";
}

smiv2:alias "clmgmtLicenseDeviceInformation" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.3";
}

smiv2:alias "clmgmtLicenseNotifObjects" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.4";
}

smiv2:alias "ciscoLicenseMgmtMIBConform" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.2";
}

smiv2:alias "ciscoLicenseMgmtCompliances" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.2.1";
}

smiv2:alias "ciscoLicenseMgmtGroups" {
    smiv2:oid "1.3.6.1.4.1.9.9.543.2.2";
}

}
-- *****
-- CISCO-LICENSE-MGMT-MIB.my: Cisco MIB to manage licenses on
-- Cisco devices
--
-- July 2006, Sunil Gudurvalmiki

```

```
--
-- Copyright (c) 2006, 2008, 2011-2012 by Cisco Systems Inc.
-- All rights reserved.
--
-- *****
```

```
CISCO-LICENSE-MGMT-MIB DEFINITIONS ::= BEGIN
```

```
IMPORTS
```

```
    OBJECT-TYPE,
    MODULE-IDENTITY,
    Unsigned32,
    NOTIFICATION-TYPE
        FROM SNMPv2-SMI
    MODULE-COMPLIANCE,
    OBJECT-GROUP,
    NOTIFICATION-GROUP
        FROM SNMPv2-CONF
    TEXTUAL-CONVENTION,
    TruthValue,
    RowStatus,
    StorageType,
    DateAndTime
        FROM SNMPv2-TC
    SnmpAdminString
        FROM SNMP-FRAMEWORK-MIB
    entPhysicalIndex,
    PhysicalIndexOrZero
        FROM ENTITY-MIB
    InetAddressType,
    InetAddress
        FROM INET-ADDRESS-MIB
    ciscoMgmt
        FROM CISCO-SMI;
```

```
ciscoLicenseMgmtMIB MODULE-IDENTITY
```

```
    LAST-UPDATED "201204190000Z"
    ORGANIZATION "Cisco Systems Inc."
    CONTACT-INFO
```

```
        "Cisco Systems
        Customer Service
```

```
        Postal: 170 W Tasman Drive
```

```
        San Jose, CA 95134
```

```
        USA
```

Tel: +1 800 553 -NETS

E-mail: cs-snmp@cisco.com"

#### DESCRIPTION

"The MIB module for managing licenses on the system. The licensing mechanism provides flexibility to enforce licensing for various features in the system.

The following text introduces different concepts and terms those are necessary to understand the MIB definition and to perform license management.

#### UDI

Universal Device Identifier that uniquely identifies a device. It comprises of product ID, version ID and serial number of the device.

#### NODE LOCKED LICENSE:

Node locked licenses are locked to one of the device identifiers in the system. For example, the license can be locked to the UDI value of one of the devices in the system. Locking a license to an UDI guarantees that the license will not be moved to a device with a different UDI.

#### NON-NODE LOCKED LICENSE:

Non-node locked licenses are not locked to any device identifier. They can be used on other similar devices.

#### METERED LICENSE:

Metered licenses are valid for limited period of time and they expire after that. This period is the usage period of a license and it is not based on real time clock, but system clock.

#### EULA:

End User License Agreement.

#### EVALUATION LICENSE:

Evaluation licenses are non-node locked metered licenses which are valid only for a limited period. They are used only when there are no permanent, extension or grace period licenses for a feature. User will have to accept EULA (End User License Agreement) before using an evaluation license. Even though they are not node locked, their usage is recorded on the device.

#### RIGHT TO USE (RTU) LICENSE:

Right to use license is a non-node locked metered license which is in evaluation mode for a limited time after which it is converted to Right To Use (RTU) license and is valid for the lifetime of the product. User will have to accept EULA (End User License Agreement) before using this license. Even though it is not node locked, usage information is recorded on the device.

#### EXTENSION LICENSE:

Extension licenses are node locked metered licenses. These licenses are issued by Cisco's licensing portal. These licenses need to be installed using management interfaces on the device. User will have to accept an EULA as part of installation of extension license.

#### GRACE PERIOD LICENSE:

Grace period licenses are node locked metered licenses. These licenses are issued by Cisco's licensing portal as part of the permission ticket to rehost a license. These licenses are installed on the device as part of the rehost operation. User will have to accept an EULA as part of the rehost operation for this type of license. Details on permission ticket, rehost operations are provided further down in this description clause.

#### PERMANENT LICENSE:

Permanent licenses are node locked licenses that have no usage period associated with them. These licenses are issued by Cisco's licensing portal. These licenses need to be installed using management interfaces on the device. Once these licenses are installed, they will provide needed permission for the feature/image across different versions.

#### COUNTED LICENSE:

Counted licenses limit the number of similar entities that can use the license. For example, a counted license when used by a feature can limit the number of IP phones that can connect or the number of tunnels that can be created.

#### UNCOUNTED LICENSE:

Uncounted licenses do not limit the number of similar entities that can use the licenses.

License can be enforced at the image level or at the feature level and this MIB module supports both.

#### IMAGE LEVEL LICENSING:

A universal image that contains all levels of software packages is loaded on to the device. At boot time, the device determines the highest level of license and brings up the appropriate software features or subsystems.

#### FEATURE LEVEL LICENSING:

Feature level licensing will support enforcement of license at individual feature. Features have to check for their licenses before enabling themselves. If it does not have a license, the feature should disable itself.

There is a one-to-one relationship between a feature and a license. That is, a feature can use only one license at a time and a license can be used by only one feature at a time.

#### LICENSE LINE:

A License line is an atomic set of ASCII characters arranged in a particular format that holds the license for a single feature within it. A line has all the necessary fields and attributes that make it a valid, non-tamper able and complete license.

#### LICENSE FILE:

File generated by Cisco licensing portal. It is used to install license on product. It has a user readable part and it contains one or more license lines.

#### DEVICE CREDENTIALS:

Device credentials file is a document that is generated by a licensed device. This document establishes the identity of the device and proves that the sender/user has/had authorized access to the device.

#### REHOST:

Rehost operation allows a node locked license that is installed on a device to be installed on other similar device. As part of rehost operation, a device processes the permission ticket, revokes the license(s) on the device and generates a rehost ticket as the proof of revocation. This rehost ticket needs to be presented to the Cisco's licensing portal to get the



license transferred on to a new similar device.

#### PERMISSION TICKET:

Permission ticket is a document generated by Cisco licensing portal that allows a device to rehost its licenses.

#### REHOST TICKET:

Rehost ticket is document generated by a device after it has applied a permission ticket. The rehost ticket is a proof of revocation.

#### LICENSING PORTAL:

Generates licenses, permission tickets and verifies device credentials and rehost tickets.

This MIB module provides MIB objects to install, clear, revoke licenses. It also provides objects to regenerate last rehost ticket, backup all the licenses installed on a device, generate & export EULA for licenses.

#### STEPS TO INSTALL A LICENSE:

To install a license, the management application

1. Retrieves device credentials of the device.
2. Communicates with Cisco's licensing portal to get the license file, uses device credentials to identify the device
3. Executes the license install action.

#### STEPS TO CLEAR A LICENSE:

To clear a license, the management application

1. Identifies the license to be cleared using license index.
2. Executes the license clear action.

#### STEPS TO REHOST A LICENSE:

To rehost a license, the management application

1. Retrieves device credentials of the device.
2. Communicates with Cisco's licensing portal to get the permission ticket, uses device credentials to identify the device.
3. Executes the processPermissionTicket action. Device revokes the license and generates rehost ticket to be submitted as proof of revocation.
4. Retrieves device credentials of the device where the license needs to be transferred to.
5. Submits rehost ticket as proof of revocation to Cisco's licensing portal, uses device credentials of

the new device to identify the device, gets license file.

6. Executes the license install action on the new device.

#### STEPS TO REGENERATE LAST REHOST TICKET:

To regenerate last rehost ticket, the management application

1. Retrieves device credentials of the device.
2. Uses already obtained permission ticket or communicates with Cisco's licensing portal to get the permission ticket, uses device credentials to identify the device.
3. Executes the regenerateLastRehostTicket action. Device generates rehost ticket to be submitted as proof of revocation.

#### STEPS TO BACKUP ALL LICENSES:

To backup all licenses installed in the device, the management application

1. Specifies the backup file path.
2. Executes the license backup action.

#### STEPS TO GENERATE & EXPORT EULA:

To install certain kind of licenses, the management application must accept EULA first. The management application can generate and export EULA for one or more licenses with out installing licenses as follows.

1. Specifies the license file path that has licenses to be installed
2. Specifies the EULA file path where EULA need to be exported to
3. Executes the generate EULA action.

To support the various license actions, this MIB module also defines MIB objects to know if a device supports licensing, retrieve device credentials, retrieve information on license stores in the device.

It also defines MIB objects to expose management information associated with the licenses installed on the device, with the licensable features in the software image.

This MIB module also defines various notifications that will be triggered to asynchronously notify the management application of any critical events.

This MIB module is defined generically so it can be

implemented on stand alone devices or stack of devices.  
In stack of devices, one device in the stack acts as master agent and rest are slave agents. Each device in the stack has its own UDI. The master agent receives requests on behalf of all the devices in the stack including itself and delegates it to other devices as needed. It also collects responses from other devices and sends them to the management application. Examples of such devices include stackable switches, devices with route processor and line cards. On the other hand, stand alone device is a single device and has only one UDI associated with it.

entPhysicalIndex imported from ENTITY-MIB is used to identify the device uniquely. It is specified as the index or one of the index for tables in this MIB as needed."

REVISION "201204190000Z"

DESCRIPTION

"This version of the MIB adds support for Permanent Right to use (RTU) licensing. The revisions are:

- o Updated clmgmtLicenseType object to support the following new types of license:  
permanentRightToUse

The new module compliance is ciscoLicenseMgmtComplianceRev1."

REVISION "201104190000Z"

DESCRIPTION

"This version of the MIB adds support for Right to use (RTU) licensing. The revisions are:

- o Added RTU license definition to MIB description above.
- o Updated clmgmtLicenseType object to support the following new types of license:  
evalRightToUse  
rightToUse
- o Added following objects to clmgmtLicenseInfoTable  
clmgmtLicensePeriodUsed
- o Added following objects to clmgmtLicensableFeatureTable  
clmgmtFeaturePeriodUsed
- o Added the following notifications  
clmgmtLicenseEvalRTUTransitionWarning  
clmgmtLicenseEvalRTUTransition
- o Added the following conformance groups  
clmgmtLicenseRTUGroup  
clmgmtLicenseRTUUsageNotifGroup

The new module compliance is ciscoLicenseMgmtComplianceRev1."

REVISION "200811210000Z"

DESCRIPTION

"This version of the MIB adds support for subscription licensing. Subscription licenses provide software enforcement for a licensed feature for a fixed calendar period. The revisions are:

- o Updated clmgmtLicenseType object to support the following three new types of licenses:
  - paidSubscription
  - evaluationSubscription
  - extensionSubscription
- o Added following objects to clmgmtLicenseInfoTable
  - clmgmtLicenseStartDate
  - clmgmtLicenseEndDate
- o Added following objects to clmgmtLicensableFeatureTable
  - clmgmtFeatureStartDate
  - clmgmtFeatureEndDate
- o Added the following notifications
  - clmgmtLicenseSubscriptionExpiryWarning
  - clmgmtLicenseSubscriptionExtExpiryWarning
  - clmgmtLicenseSubscriptionExpired
- o Added the following conformance groups
  - clmgmtLicenseSubscriptionGroup
  - clmgmtLicenseSubscriptionUsageNotifGroup

The new module compliance is ciscoLicenseMgmtComplianceRev1."

REVISION "200610030000Z"

DESCRIPTION

"Initial version of this MIB module."

::= { ciscoMgmt 543 }

ciscoLicenseMgmtMIBNotifs OBJECT IDENTIFIER

::= { ciscoLicenseMgmtMIB 0 }

ciscoLicenseMgmtMIBObjects OBJECT IDENTIFIER

::= { ciscoLicenseMgmtMIB 1 }

ciscoLicenseMgmtMIBConform OBJECT IDENTIFIER

::= { ciscoLicenseMgmtMIB 2 }

clmgmtLicenseConfiguration OBJECT IDENTIFIER

::= { ciscoLicenseMgmtMIBObjects 1 }

clmgmtLicenseInformation OBJECT IDENTIFIER

::= { ciscoLicenseMgmtMIBObjects 2 }

clmgmtLicenseDeviceInformation OBJECT IDENTIFIER

::= { ciscoLicenseMgmtMIBObjects 3 }

clmgmtLicenseNotifObjects OBJECT IDENTIFIER

::= { ciscoLicenseMgmtMIBObjects 4 }

ClmgmtLicenseIndex ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"A unique value, for each license in the managed system.

It is not necessary to have values assigned contiguously.

The value for each license must remain constant

at least from one re-initialization of the entity's

network management system to the next re-initialization"

SYNTAX Unsigned32 (1..4294967295)

ClmgmtLicenseIndexOrZero ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This textual convention is an extension of the ClmgmtLicenseIndex

convention. The latter defines a greater than zero value

used to identify a license in the managed system. This

extension permits the additional value of zero. The value

zero is object-specific and must therefore be defined as

part of the description of any object which uses this

syntax. Examples of the usage of zero might include

situations where license was not present or unknown."

SYNTAX Unsigned32

ClmgmtLicenseTransferProtocol ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"The transfer protocol that should be used for copying files

when performing license management. When the protocol is

set to local(2), local file system (flash or disk) is used.

Different agents may support different transfer protocols

and the management application is expected to somehow determine

which protocol is supported and use."

SYNTAX INTEGER {

none(1),

local(2),

tftp(3),

ftp(4),

rcp(5),

http(6),

scp(7),

sftp(8)

}

ClmgmtLicenseActionState ::= TEXTUAL-CONVENTION

STATUS current

## DESCRIPTION

"The state of license action execution.

- none(1) - action is not yet scheduled to be executed.
- pending(2) - All the required parameters for the action are set and the action is scheduled to be executed.
- inProgress(3) - action execution has started and is in progress.
- successful(4) - action has completed successfully.
- partiallySuccessful(5) - action has completed, but was partially successful. Management application can query additional MIB objects to know what is successful and what has failed. These additional objects are listed in the description of the corresponding action tables.

failed(6) - action has failed."

```
SYNTAX    INTEGER {  
    none(1),  
    pending(2),  
    inProgress(3),  
    successful(4),  
    partiallySuccessful(5),  
    failed(6)  
}
```

ClmgmtLicenseActionFailCause ::= TEXTUAL-CONVENTION

STATUS current

## DESCRIPTION

"Reason for license action failure. Defines error codes for all the license actions.

- none(1) - action execution has not started yet. If the action is completed and the action is successful, then also none(1) is returned to indicate that there are no errors.
- generalFailure(2) - General licensing failure.

This will be used for resource unavailability failures.  
Ex: Lack of memory.

transferProtocolNotSupported(3) - protocol selected is not supported.

fileServerNotReachable(4) - file server is not reachable.

unrecognizedEntPhysicalIndex(5) - entPhysicalIndex is not valid

invalidLicenseFilePath(6) - The license file path is not accessible.

invalidLicenseFile(7) - Contents of license file are not valid.

invalidLicenseLine(8) - License string in the license file is not valid.

licenseAlreadyExists(9) - Management application is trying to install a license that already exists.

licenseNotValidForDevice(10) - This license is not valid for the device/entPhysicalIndex specified.

invalidLicenseCount(11) - Invalid count for this counted license.

invalidLicensePeriod(12) - Validity period is invalid for this expiring license.

licenseInUse(13) - License file is in use by a feature/image.

invalidLicenseStore(14) - License store is not valid.

licenseStorageFull(15) - There is no more space in the license storage.

invalidPermissionTicketFile(16) - The permission ticket file path is not accessible.

invalidPermissionTicket(17) - The permission ticket file contents are not valid.

invalidRehostTicketFile(18) - The rehost ticket file path is not accessible.

invalidRehostTicket(19) - The rehost ticket file contents are not valid.

invalidLicenseBackupFile(20) - License backup store path is not accessible.

licenseClearInProgress(21) - When license clear action is in progress, license backup action is not permitted to avoid race conditions. This error code is sent back in response to a license backup action when a license clear action is in progress or in pending state. Try again in few

seconds.

invalidLicenseEULAFile(22) - EULA file path is not accessible."

```
SYNTAX    INTEGER {
    none(1),
    generalFailure(2),
    transferProtocolNotSupported(3),
    fileServerNotReachable(4),
    unrecognizedEntPhysicalIndex(5),
    invalidLicenseFilePath(6),
    invalidLicenseFile(7),
    invalidLicenseLine(8),
    licenseAlreadyExists(9),
    licenseNotValidForDevice(10),
    invalidLicenseCount(11),
    invalidLicensePeriod(12),
    licenseInUse(13),
    invalidLicenseStore(14),
    licenseStorageFull(15),
    invalidPermissionTicketFile(16),
    invalidPermissionTicket(17),
    invalidRehostTicketFile(18),
    invalidRehostTicket(19),
    invalidLicenseBackupFile(20),
    licenseClearInProgress(21),
    invalidLicenseEULAFile(22)
}
```

clmgmtNextFreeLicenseActionIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object contains appropriate value for clmgmtLicenseActionIndex that can be used to create an entry in clmgmtLicenseActionTable. The management application should read this object first and then use this as the value for clmgmtLicenseActionIndex to avoid collisions when creating entries in clmgmtLicenseActionTable. Following this approach does not guarantee collision free row creation, but will reduce the probability. The collision will happen if two management applications read this object at the same time and attempt to create an entry with this value at the same time. In this case, the management application whose request is processed after the first request will get an error and the process of reading this object and entry creation needs to be repeated."

::= { clmgmtLicenseConfiguration 1 }

-- Table for executing license management actions.



#### clmgmtLicenseActionTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicenseActionEntry

MAX-ACCESS not-accessible

STATUS current

#### DESCRIPTION

"A table for invoking license management actions. Management application must create a row in this table to trigger any of the license management actions. The following are different actions that can be executed using this table.

1. install
2. clear
3. processPermissionTicket
4. regenerateLastRehostTicket
5. backup
6. generateEULA

Refer to the description of clmgmtLicenseAction for more information on what these actions do on the device.

Once the request completes, the management application should retrieve the values of the objects of interest, and then delete the entry. In order to prevent old entries from clogging the table, entries will be aged out, but an entry will never be deleted within 5 minutes of completion."

::= { clmgmtLicenseConfiguration 2 }

#### clmgmtLicenseActionEntry OBJECT-TYPE

SYNTAX ClmgmtLicenseActionEntry

MAX-ACCESS not-accessible

STATUS current

#### DESCRIPTION

"An entry for each action that is being executed or was executed recently. The management application executes an action

by creating this entry. This can be done in the following 2 methods

##### 1. CREATE-AND-GO method

Management application sets clmgmtLicenseActionRowStatus to createAndGo(4) and all other required objects to valid values in a single SNMP SET request. If all the values are valid, the device creates the entry and executes the action. If the SET request fails, the entry will not be created.

##### 2. CREATE-AND-WAIT method

Management application sets clmgmtLicenseActionRowStatus to createAndWait(5) to create an entry. Management application can set all other required objects to valid

values in more than one SNMP SET request. If SET request for any of the objects fails, management application can set just only that object. Once all the required objects are set to valid values, management application triggers action execution by setting `clmgmtLicenseActionRowStatus` to `active(1)`.

To stop the action from being executed, the management application can delete the entry by setting `clmgmtLicenseActionRowStatus` to `destroy(6)` when `clmgmtLicenseActionState` is `pending(2)`.

The status of action execution can be known by querying `clmgmtLicenseActionState`. If the action is still in `pending(2)` or in `inProgress(3)` state, the management application need to check back again after few seconds. Once the action completes and status of the action is `failed(6)`, the reason for failure can be retrieved from `clmgmtLicenseActionFailCause`. If the status of the action is `partiallySuccessful(5)`, results of individual licenses can be queried from `clmgmtLicenseActionResultTable`.

Not all objects in the entry are needed to execute every action. Below is the list of actions and the required objects that are needed to be set for executing that action.

#### 1. Installing a license

The following MIB objects need to be set for installing a license

- a. `clmgmtLicenseActionTransferProtocol`
- b. `clmgmtLicenseServerAddressType`
- c. `clmgmtLicenseServerAddress`
- d. `clmgmtLicenseServerUsername`
- e. `clmgmtLicenseServerPassword`
- f. `clmgmtLicenseFile`
- g. `clmgmtLicenseStore`
- h. `clmgmtLicenseStopOnFailure`
- i. `clmgmtLicenseAcceptEULA`
- j. `clmgmtLicenseAction`

`clmgmtLicenseActionEntPhysicalIndex` need not be set explicitly for license installs. License itself identifies the device where the license needs to be installed.

`clmgmtLicenseStore` need to be set to store the licenses

in a non-default license store. But, if a license file has more than one license and licenses need to be installed on multiple devices (for example to multiple members with in a stack), then value of `clmgmtLicenseStore` is ignored and the licenses will be installed in default license stores of the respective devices.

## 2. Clearing a license

The following MIB objects need to be set for clearing a license

- a. `clmgmtLicenseActionEntPhysicalIndex`
- b. `clmgmtLicenseActionLicenseIndex`
- c. `clmgmtLicenseStore`
- d. `clmgmtLicenseAction`

## 3. Revoking a license

The following MIB objects need to be set for revoking a license

- a. `clmgmtLicenseActionTransferProtocol`
- b. `clmgmtLicenseServerAddressType`
- c. `clmgmtLicenseServerAddress`
- d. `clmgmtLicenseServerUsername`
- e. `clmgmtLicenseServerPassword`
- f. `clmgmtLicensePermissionTicketFile`
- g. `clmgmtLicenseRehostTicketFile`
- h. `clmgmtLicenseStopOnFailure`
- i. `clmgmtLicenseAction`

## 4. Regenerate last rehost ticket

The following MIB objects need to be set for regenerating last rehost ticket

- a. `clmgmtLicenseActionTransferProtocol`
- b. `clmgmtLicenseServerAddressType`
- c. `clmgmtLicenseServerAddress`
- d. `clmgmtLicenseServerUsername`
- e. `clmgmtLicenseServerPassword`
- f. `clmgmtLicensePermissionTicketFile`
- g. `clmgmtLicenseRehostTicketFile`
- h. `clmgmtLicenseStopOnFailure`
- i. `clmgmtLicenseAction`

## 5. Save all licenses to a backup storage

The following MIB objects need to be set for storing all licenses to a backup store

- a. `clmgmtLicenseActionEntPhysicalIndex`
- b. `clmgmtLicenseActionTransferProtocol`
- c. `clmgmtLicenseServerAddressType`

- d. clmgmtLicenseServerAddress
- e. clmgmtLicenseServerUsername
- f. clmgmtLicenseServerPassword
- g. clmgmtLicenseBackupFile
- h. clmgmtLicenseAction

6. Generate and export EULA if the licenses need EULA to be accepted for installing.

The following MIB objects need to be set exporting required EULAs

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicenseFile
- g. clmgmtLicenseEULAFile
- h. clmgmtLicenseAction

For any action, if clmgmtLicenseActionTransferProtocol is set to local(2), the following objects need not be set.

- a. clmgmtLicenseServerAddressType
- b. clmgmtLicenseServerAddress
- c. clmgmtLicenseServerUsername
- d. clmgmtLicenseServerPassword

Entry can be deleted except when clmgmtLicenseAction is set to pending(2). All entries are volatile and are cleared on agent reset."

```
INDEX      { clmgmtLicenseActionIndex }
 ::= { clmgmtLicenseActionTable 1 }
```

```
ClmgmtLicenseActionEntry ::= SEQUENCE {
  clmgmtLicenseActionIndex      Unsigned32,
  clmgmtLicenseActionEntPhysicalIndex PhysicalIndexOrZero,
  clmgmtLicenseActionTransferProtocol ClmgmtLicenseTransferProtocol,
  clmgmtLicenseServerAddressType InetAddressType,
  clmgmtLicenseServerAddress     InetAddress,
  clmgmtLicenseServerUsername     SnmpAdminString,
  clmgmtLicenseServerPassword     SnmpAdminString,
  clmgmtLicenseFile               SnmpAdminString,
  clmgmtLicenseStore               Unsigned32,
  clmgmtLicenseActionLicenseIndex ClmgmtLicenseIndexOrZero,
  clmgmtLicensePermissionTicketFile SnmpAdminString,
  clmgmtLicenseRehostTicketFile   SnmpAdminString,
  clmgmtLicenseBackupFile         SnmpAdminString,
  clmgmtLicenseStopOnFailure      TruthValue,
  clmgmtLicenseAction              INTEGER,
```

```

    clmgmtLicenseActionState      ClmgmtLicenseActionState,
    clmgmtLicenseJobQPosition      Unsigned32,
    clmgmtLicenseActionFailCause   ClmgmtLicenseActionFailCause,
    clmgmtLicenseActionStorageType StorageType,
    clmgmtLicenseActionRowStatus   RowStatus,
    clmgmtLicenseAcceptEULA        TruthValue,
    clmgmtLicenseEULAFile          SnmpAdminString
}

```

clmgmtLicenseActionIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a row in clmgmtLicenseActionTable. The management application should choose this value by reading clmgmtNextFreeLicenseActionIndex while creating an entry in this table. If an entry already exists with this index, the creation of the entry will not continue and error will be returned. The management application should read the value of clmgmtNextFreeLicenseActionIndex again and retry with the new value for this object."

::= { clmgmtLicenseActionEntry 1 }

clmgmtLicenseActionEntPhysicalIndex OBJECT-TYPE

SYNTAX PhysicalIndexOrZero

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object represents the entPhysicalIndex of the device where the action is being executed. This object is mainly used in devices where one device is acting as a master and rest of the devices as slaves. The master device is responsible for SNMP communication with the management application. Examples include stackable switches, devices with route processor and line card configuration. If this object is not set, the license action will be executed on the master device. Note: This object need not be set if there is a stand alone device"

DEFVAL { 0 }

::= { clmgmtLicenseActionEntry 2 }

clmgmtLicenseActionTransferProtocol OBJECT-TYPE

SYNTAX ClmgmtLicenseTransferProtocol

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object represents the transfer protocol to be used

when copying files as specified in the following objects.

1. clmgmtLicenseFile
2. clmgmtLicensePermissionTicketFile
3. clmgmtLicenseRehostTicketFile
4. clmgmtLicenseBackupFile

Note: This object need not be set if the all the files required for the action are in device's local file system."

```
DEFVAL      { none }  
::= { clmgmtLicenseActionEntry 3 }
```

#### clmgmtLicenseServerAddressType OBJECT-TYPE

```
SYNTAX      InetAddressType
```

```
MAX-ACCESS  read-create
```

```
STATUS      current
```

#### DESCRIPTION

"This object indicates the transport type of the address contained in clmgmtLicenseServerAddress object.

This must be set when clmgmtLicenseActionTransferProtocol is not none(1) or local(2)."

```
DEFVAL      { unknown }  
::= { clmgmtLicenseActionEntry 4 }
```

#### clmgmtLicenseServerAddress OBJECT-TYPE

```
SYNTAX      InetAddress
```

```
MAX-ACCESS  read-create
```

```
STATUS      current
```

#### DESCRIPTION

"This object indicates the ip address of the server from which the files must be read or written to if clmgmtLicenseActionTransferProtocol is not none(1) or local(2).

All bits as 0s or 1s for clmgmtLicenseServerAddress are not allowed.

The format of this address depends on the value of the clmgmtLicenseServerAddressType object"

```
DEFVAL      { "" }  
::= { clmgmtLicenseActionEntry 5 }
```

#### clmgmtLicenseServerUsername OBJECT-TYPE

```
SYNTAX      SnmpAdminString (SIZE (0..96))
```

```
MAX-ACCESS  read-create
```

```
STATUS      current
```

#### DESCRIPTION

"This object indicates the remote user name for accessing files via ftp, rcp, sftp or scp protocols. This object must

be set when the clmgmtLicenseActionTransferProtocol is ftp(4), rcp(5), scp(7) or sftp(8). If clmgmtLicenseActionTransferProtocol is rcp(5), the remote username is sent as the server username in an rcp command request sent by the system to a remote rcp server."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 6 }

#### clmgmtLicenseServerPassword OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..96))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the password used by ftp, sftp or scp for copying a file to/from an ftp/sftp/scp server.

This object must be set when the clmgmtLicenseActionTransferProtocol is ftp(4) or scp(7) or sftp(8). Reading it returns a zero-length string for security reasons."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 7 }

#### clmgmtLicenseFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object represents the location of the license file on the server identified by clmgmtLicenseServerAddress. This object MUST be set to a valid value before or concurrently with setting the value of the clmgmtLicenseAction object to install(2). For other operations, the value of this object is not considered, it is irrelevant."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 8 }

#### clmgmtLicenseStore OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object represents the clmgmtLicenseStoreIndex of the license store to use within the device. The license store can be a local disk or flash. A device can have more than one license stores. If this object is not set, the license will be stored in the default license store as exposed by clmgmtDefaultLicenseStore object."

DEFVAL { 0 }

::= { clmgmtLicenseActionEntry 9 }

clmgmtLicenseActionLicenseIndex OBJECT-TYPE

SYNTAX ClmgmtLicenseIndexOrZero

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the the license index of the license that is the subject of this action. This is used for identifying a license for performing actions specific to that license. This object need to be set only if clmgmtLicenseAction is set to clear(4). The value of this object is same as the clmgmtLicenseIndex object in clmgmtLicenseInfoEntry for license that is subject of this action."

DEFVAL { 0 }

::= { clmgmtLicenseActionEntry 10 }

clmgmtLicensePermissionTicketFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the file name of the permission ticket. This object need to be set only if clmgmtLicenseAction is set to processPermissionTicket(4) or regenerateLastRehostTicket(5) actions. The permission ticket is obtained from Cisco licensing portal to revoke a license. The management application must set this object to valid value before invoking the action."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 11 }

clmgmtLicenseRehostTicketFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the file where the rehost ticket generated by the device need to be exported to. The rehost ticket is generated as a result of processPermissionTicket and regenerateLastRehostTicket actions. After generating the rehost ticket, the device exports the rehost ticket contents to this file. This object need to be set only if clmgmtLicenseAction is set to processPermissionTicket(4) or regenerateLastRehostTicket(5) actions."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 12 }



clmgmtLicenseBackupFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the file where all the licenses in the device need to be backed up. This object need to be set only if clmgmtLicenseAction is set to backup(6) and the management application must set the value of this object to valid value before invoking action."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 13 }

clmgmtLicenseStopOnFailure OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates whether the license action should stop if the action on a license fails. This object is applicable only if there are more than one licenses involved in an action."

DEFVAL { false }

::= { clmgmtLicenseActionEntry 14 }

clmgmtLicenseAction OBJECT-TYPE

SYNTAX INTEGER {  
noOp(1),  
install(2),  
clear(3),  
processPermissionTicket(4),  
regenerateLastRehostTicket(5),  
backup(6),  
generateEULA(7)  
}

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the the command/action to be executed.

Command	Remarks
noOp(1)	No operation will be performed.
install(2)	Installs the license.

clear(3)                    Clears the license.

processPermissionTicket(4)   Processes the permission ticket and generates and exports rehost ticket.

regenerateLastRehostTicket(5) Generates and exports the last generated rehost ticket.

backup(6)                    Backs up all the licenses installed currently onto a backup store.

generateEULA(7)            Checks whether the licenses in the license file need EULA acceptance and uploads the needed EULA contents to a file."

DEFVAL            { noOp }  
 ::= { clmgmtLicenseActionEntry 15 }

clmgmtLicenseActionState OBJECT-TYPE

SYNTAX            ClmgmtLicenseActionState

MAX-ACCESS       read-only

STATUS            current

DESCRIPTION

"This object indicates the state of this license action."

::= { clmgmtLicenseActionEntry 16 }

clmgmtLicenseJobQPosition OBJECT-TYPE

SYNTAX            Unsigned32

MAX-ACCESS       read-only

STATUS            current

DESCRIPTION

"This object represents the position of the action in the license action job queue that is maintained internally. Only actions in pending(2) state will be put in the queue until they are executed. By reading this object, the management application can make intelligent decision on whether to execute another action that it is planning on. For example, if there is already a license clear action in the queue in pending(2) state, management application can choose to defer its license back up action to a later time. This object will return a value of 0 if the action is not in pending(2) state."

::= { clmgmtLicenseActionEntry 17 }

clmgmtLicenseActionFailCause OBJECT-TYPE

SYNTAX ClmgmtLicenseActionFailCause

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the reason for this license action failure. The value of this object is valid only when clmgmtLicenseActionState is failed(6)."

::= { clmgmtLicenseActionEntry 18 }

clmgmtLicenseActionStorageType OBJECT-TYPE

SYNTAX StorageType

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the storage type for this conceptual row. Conceptual rows having the value 'permanent' need not allow write-access to any columnar objects in the row."

DEFVAL { volatile }

::= { clmgmtLicenseActionEntry 19 }

clmgmtLicenseActionRowStatus OBJECT-TYPE

SYNTAX RowStatus

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the the status of this table entry. Once the entry status is set to active(1), the associated entry cannot be modified until the action completes (clmgmtLicenseConfigCommandStatus is set to a value other than inProgress(3)). Once the action completes the only operation possible after this is to delete the row. It is recommended that the management application should delete entries in this table after reading the result. In order to prevent old entries from clogging the table, entries will be aged out, but an entry will never be deleted within 5 minutes of completion"

::= { clmgmtLicenseActionEntry 20 }

clmgmtLicenseAcceptEULA OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates whether the End User License Agreement needed for installing the licenses is accepted."

true(1) - EULA is read and accepted  
false(2) - EULA is not accepted

Management application should set this object to true(1) when installing licenses that need EULA acceptance."

DEFVAL { false }  
::= { clmgmtLicenseActionEntry 21 }

clmgmtLicenseEULAFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the file where all the End User License Agreements (EULAs) need to be exported to. This object need to be set only if clmgmtLicenseAction is set to generateEULA(7) and the management application must set the value of this object to valid value before invoking action."

DEFVAL { "" }  
::= { clmgmtLicenseActionEntry 22 }

-- License action results table.

clmgmtLicenseActionResultTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicenseActionResultEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains results of license action if the license action involves multiple licenses. Entries in this table are not created for actions where there is only license that is subject of the action. For example, if there are 3 licenses in a license file when executing license install action, 3 entries will be created in this table, one for each license."

::= { clmgmtLicenseConfiguration 3 }

clmgmtLicenseActionResultEntry OBJECT-TYPE

SYNTAX ClmgmtLicenseActionResultEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in clmgmtLicenseActionResultTable. Each entry contains result of the action for a single license.

These entries are created immediately after action execution when the action involves multiple licenses.

These entries get automatically deleted when the

corresponding entry in clmgmtLicenseActionTable  
is deleted."

```
INDEX      {  
            clmgmtLicenseActionIndex,  
            clmgmtLicenseNumber  
            }  
::= { clmgmtLicenseActionResultTable 1 }
```

```
ClmgmtLicenseActionResultEntry ::= SEQUENCE {  
    clmgmtLicenseNumber      Unsigned32,  
    clmgmtLicenseIndivActionState ClmgmtLicenseActionState,  
    clmgmtLicenseIndivActionFailCause ClmgmtLicenseActionFailCause  
}
```

clmgmtLicenseNumber OBJECT-TYPE

```
SYNTAX      Unsigned32 (1..4294967295)  
MAX-ACCESS  not-accessible  
STATUS      current  
DESCRIPTION  
    "This object indicates the sequence number of this license  
    in the list of licenses on which the action is executed.  
    For example, if there are 3 licenses in a license file  
    when executing license install action, this object will  
    have values 1, 2 and 3 respectively as ordered in the  
    license file."  
::= { clmgmtLicenseActionResultEntry 1 }
```

clmgmtLicenseIndivActionState OBJECT-TYPE

```
SYNTAX      ClmgmtLicenseActionState  
MAX-ACCESS  read-only  
STATUS      current  
DESCRIPTION  
    "This object indicates the state of action on this  
    individual license."  
::= { clmgmtLicenseActionResultEntry 2 }
```

clmgmtLicenseIndivActionFailCause OBJECT-TYPE

```
SYNTAX      ClmgmtLicenseActionFailCause  
MAX-ACCESS  read-only  
STATUS      current  
DESCRIPTION  
    "This object indicates the reason for action failure on this  
    individual license"  
::= { clmgmtLicenseActionResultEntry 3 }
```

-- License Store Info Table

clmgmtLicenseStoreInfoTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicenseStoreInfoEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains information about all the license stores allocated on the device."

::= { clmgmtLicenseInformation 1 }

clmgmtLicenseStoreInfoEntry OBJECT-TYPE

SYNTAX ClmgmtLicenseStoreInfoEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in clmgmtLicenseStoreInfoTable. Each entry contains information about a license store allocated on the device"

INDEX {  
    entPhysicalIndex,  
    clmgmtLicenseStoreIndex  
}

::= { clmgmtLicenseStoreInfoTable 1 }

ClmgmtLicenseStoreInfoEntry ::= SEQUENCE {

    clmgmtLicenseStoreIndex Unsigned32,  
    clmgmtLicenseStoreName SnmpAdminString,  
    clmgmtLicenseStoreTotalSize Unsigned32,  
    clmgmtLicenseStoreSizeRemaining Unsigned32

}

clmgmtLicenseStoreIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a license store within the device."

::= { clmgmtLicenseStoreInfoEntry 1 }

clmgmtLicenseStoreName OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the name of the license store within the device. It is a file in device's local file system i.e., either on a local disk or flash or some other storage media. For example, the value of this

object can be 'disk1:lic\_store\_1.txt' or  
'flash:lic\_store\_2.txt'  
::= { clmgmtLicenseStoreInfoEntry 2 }

clmgmtLicenseStoreTotalSize OBJECT-TYPE

SYNTAX Unsigned32

UNITS "bytes"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the total number of bytes that are  
allocated to the license store."

::= { clmgmtLicenseStoreInfoEntry 3 }

clmgmtLicenseStoreSizeRemaining OBJECT-TYPE

SYNTAX Unsigned32

UNITS "bytes"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the number of bytes still remaining  
to be used for new license installations in the license  
store."

::= { clmgmtLicenseStoreInfoEntry 4 }

-- License Device Info Table

clmgmtLicenseDeviceInfoTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicenseDeviceInfoEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains objects that provide licensing related  
information at the device level. Entries will exist  
only for entities that support licensing. For example,  
if it is a stand alone device and supports licensing,  
then there will be only one entry in this table. If  
it is stackable switch then there will be multiple  
entries with one entry for each device in the stack."

::= { clmgmtLicenseInformation 2 }

clmgmtLicenseDeviceInfoEntry OBJECT-TYPE

SYNTAX ClmgmtLicenseDeviceInfoEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in clmgmtLicenseDeviceInfoTable. Each entry

contains device level licensing information for a device."

```
INDEX      { entPhysicalIndex }  
::= { clmgmtLicenseDeviceInfoTable 1 }
```

```
ClmgmtLicenseDeviceInfoEntry ::= SEQUENCE {  
    clmgmtDefaultLicenseStore Unsigned32  
}
```

clmgmtDefaultLicenseStore OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the clmgmtLicenseStoreIndex of default store in the device. There will be only one default license store per device. If no license store is specified during license install, this default license store will be used."

```
::= { clmgmtLicenseDeviceInfoEntry 1 }
```

-- License Info Table

clmgmtLicenseInfoTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicenseInfoEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains information about all the licenses installed on the device."

```
::= { clmgmtLicenseInformation 3 }
```

clmgmtLicenseInfoEntry OBJECT-TYPE

SYNTAX ClmgmtLicenseInfoEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in clmgmtLicenseInfoTable. Each entry contains information about a license installed on the device. This entry gets created when a license is installed successfully. Management application can not create these entries directly, but will do so indirectly by executing license install action. Some of these entries may already exist that correspond to demo licenses even before management application installs any licenses."

```
INDEX      {  
    entPhysicalIndex,  
    clmgmtLicenseStoreUsed,
```



```

        clmgmtLicenseIndex
    }
 ::= { clmgmtLicenseInfoTable 1 }

ClmgmtLicenseInfoEntry ::= SEQUENCE {
    clmgmtLicenseStoreUsed      Unsigned32,
    clmgmtLicenseIndex         ClmgmtLicenseIndex,
    clmgmtLicenseFeatureName    SnmpAdminString,
    clmgmtLicenseFeatureVersion SnmpAdminString,
    clmgmtLicenseType          INTEGER,
    clmgmtLicenseCounted       TruthValue,
    clmgmtLicenseValidityPeriod Unsigned32,
    clmgmtLicenseValidityPeriodRemaining Unsigned32,
    clmgmtLicenseExpiredPeriod  Unsigned32,
    clmgmtLicenseMaxUsageCount  Unsigned32,
    clmgmtLicenseUsageCountRemaining Unsigned32,
    clmgmtLicenseEULAStatus     TruthValue,
    clmgmtLicenseComments       SnmpAdminString,
    clmgmtLicenseStatus         INTEGER,
    clmgmtLicenseStartDate      DateAndTime,
    clmgmtLicenseEndDate        DateAndTime,
    clmgmtLicensePeriodUsed     Unsigned32
}

clmgmtLicenseStoreUsed OBJECT-TYPE
SYNTAX      Unsigned32 (1..4294967295)
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    "This object represents the license store that is used for
    storing this license. This object will have the same value
    as clmgmtLicenseStoreIndex in clmgmtLicenseStoreInfoEntry
    of the license store used."
 ::= { clmgmtLicenseInfoEntry 1 }

clmgmtLicenseIndex OBJECT-TYPE
SYNTAX      ClmgmtLicenseIndex
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    "This object uniquely identifies a license within
    the device."
 ::= { clmgmtLicenseInfoEntry 2 }

clmgmtLicenseFeatureName OBJECT-TYPE
SYNTAX      SnmpAdminString (SIZE (0..128))
MAX-ACCESS  read-only
STATUS      current

```

## DESCRIPTION

"This object indicates the name of the feature that is using or can use this license. A license can be used by only one feature. Examples of feature name are: 'IPBASE', 'ADVIPSERVICE'."

::= { clmgmtLicenseInfoEntry 3 }

## clmgmtLicenseFeatureVersion OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..128))

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

"This object indicates the version of the feature that is using or can use this license. Examples of feature version are: '1.0', '2.0'"

::= { clmgmtLicenseInfoEntry 4 }

## clmgmtLicenseType OBJECT-TYPE

SYNTAX INTEGER {  
    demo(1),  
    extension(2),  
    gracePeriod(3),  
    permanent(4),  
    paidSubscription(5),  
    evaluationSubscription(6),  
    extensionSubscription(7),  
    evalRightToUse(8),  
    rightToUse(9),  
    permanentRightToUse(10)  
}

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

"This object identifies type of license. Licenses may have validity period defined in terms of time duration that the license is valid for or it may be defined in terms of actual calendar dates. Subscription licenses are licenses that have validity period defined in terms of calendar dates.

demo(1) - demo(evaluation license) license.  
extension(2) - Extension(expiring) license.  
gracePeriod(3) - Grace period license.  
permanent(4) - permanent license, the license has no expiry date.  
paidSubscription(5) - Paid subscription licenses are the licenses which are purchased by customers. These licenses have a start date and end date

associated with them.

evaluationSubscription(6)-Evaluation subscription licenses are the trial licenses. These licenses are node locked and it can be obtained only once for an UDI. They are valid based on calendar days. These licenses have a start date and an end date associated with them and are issued once per UDI.

extensionSubscription(7)- Extension subscription licenses are similar to evaluation subscription licenses but these licenses are issued based on customer request. There are no restrictions on the number of licenses available for a UDI.

evalRightToUse(8) - Evaluation Right to use (RTU) license.

rightToUse(9) - Right to use (RTU) license.

permanentRightToUse(10) ? Right To Use license right after it is configured and is valid for the lifetime of the product.  
This is a Right To Use license which is not in evaluation mode for a limited time."

::= { clmgmtLicenseInfoEntry 5 }

clmgmtLicenseCounted OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates whether the license is counted license.

true(1) - counted license

false(2) - uncounted license"

::= { clmgmtLicenseInfoEntry 6 }

clmgmtLicenseValidityPeriod OBJECT-TYPE

SYNTAX Unsigned32

UNITS "seconds"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the time period the license is valid for.

This object is applicable only if clmgmtLicenseType is demo(1), or extension(2) or gracePeriod(3) or evalRightToUse(8). The object will return 0 for other license types."

::= { clmgmtLicenseInfoEntry 7 }

clmgmtLicenseValidityPeriodRemaining OBJECT-TYPE

SYNTAX Unsigned32

UNITS "seconds"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the time period remaining before the license expires or transitions to rightToUse(9) license. This object is applicable only if clmgmtLicenseType is demo(1), or extension(2) or gracePeriod(3) or evalRightToUse(8). The object will contain 0 for other license types."

::= { clmgmtLicenseInfoEntry 8 }

clmgmtLicenseExpiredPeriod OBJECT-TYPE

SYNTAX Unsigned32

UNITS "seconds"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the elapsed time period since the license expired. This object is applicable only if clmgmtLicenseType is demo(1), or extension(2) or gracePeriod(3). Also, this value of this object will be valid only after the license expires. The object will return 0 for other license types or before the license expiry."

::= { clmgmtLicenseInfoEntry 9 }

clmgmtLicenseMaxUsageCount OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the maximum number of entities that can use this license. This object is applicable only if clmgmtLicenseCounted is true(1). The entity that is being counted can be anything and it depends on the licensable feature."

::= { clmgmtLicenseInfoEntry 10 }

clmgmtLicenseUsageCountRemaining OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the number of entities that can still use this license. This object is applicable only if clmgmtLicenseCounted is true(1)."

::= { clmgmtLicenseInfoEntry 11 }

clmgmtLicenseEULAStatus OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates whether the user accepted  
End User License Agreement for this license.

true(1) - EULA accepted

false(2) - EULA not accepted"

::= { clmgmtLicenseInfoEntry 12 }

clmgmtLicenseComments OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object represents the user modifiable comments  
about the license. This object is initially populated  
with comments from the license file."

::= { clmgmtLicenseInfoEntry 13 }

clmgmtLicenseStatus OBJECT-TYPE

SYNTAX INTEGER {  
    inactive(1),  
    notInUse(2),  
    inUse(3),  
    expiredInUse(4),  
    expiredNotInUse(5),  
    usageCountConsumed(6)  
}

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object represents status of the license.

inactive(1) - license is installed, but  
not active.

notInUse(2) - license is installed and  
available for use.

inUse(3) - the license is being used (by  
a feature).

expiredInUse(4) - license is expired but still  
being held by the feature.

expiredNotInUse(5) - license is expired and not being  
held by any feature.

usageCountConsumed(6) - number of entities using this

licenses has reached the allowed  
limit, no new entities are allowed  
to use this license."  
 ::= { clmgmtLicenseInfoEntry 14 }

clmgmtLicenseStartDate OBJECT-TYPE

SYNTAX DateAndTime

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the start date for a subscription license. It is optional for subscription licenses to have a start date associated with them, they may only have an end date associated with them. This object may be applicable only when clmgmtLicenseType is paidSubscription(5), evaluationSubscription(6) or extensionSubscription (7). The object will contain an octet string of length 0 when it is not applicable."

::= { clmgmtLicenseInfoEntry 15 }

clmgmtLicenseEndDate OBJECT-TYPE

SYNTAX DateAndTime

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the end date for a subscription license. This object is applicable only when clmgmtLicenseType is paidSubscription(5), evaluationSubscription(6) or extensionSubscription (7). The object will contain an octet string of length 0 when it is not applicable."

::= { clmgmtLicenseInfoEntry 16 }

clmgmtLicensePeriodUsed OBJECT-TYPE

SYNTAX Unsigned32

UNITS "seconds"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the time period used for the Right to use (RTU) licenses. This object is applicable for all RTU licenses."

::= { clmgmtLicenseInfoEntry 17 }

-- Licensable features information table.

clmgmtLicensableFeatureTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicensableFeatureEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains list of licensable features in the image. All the licensable features will have an entry each in this table irrespective of whether they are using any licenses currently. Entries in this table are created by the agent one for each licensable feature in the image. These entries remain in the table permanently and can not be deleted. Management application can not create or delete entries from this table."

::= { clmgmtLicenseInformation 4 }

clmgmtLicensableFeatureEntry OBJECT-TYPE

SYNTAX ClmgmtLicensableFeatureEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in clmgmtLicensableFeatureTable. Each entry represents a licensable feature."

INDEX {  
    entPhysicalIndex,  
    clmgmtFeatureIndex  
}

::= { clmgmtLicensableFeatureTable 1 }

ClmgmtLicensableFeatureEntry ::= SEQUENCE {

    clmgmtFeatureIndex          Unsigned32,  
    clmgmtFeatureName          SnmpAdminString,  
    clmgmtFeatureVersion        SnmpAdminString,  
    clmgmtFeatureValidityPeriodRemaining Unsigned32,  
    clmgmtFeatureWhatIsCounted  SnmpAdminString,  
    clmgmtFeatureStartDate      DateAndTime,  
    clmgmtFeatureEndDate        DateAndTime,  
    clmgmtFeaturePeriodUsed     Unsigned32

}

clmgmtFeatureIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a licensable feature in the device."

::= { clmgmtLicensableFeatureEntry 1 }

clmgmtFeatureName OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..128))

MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the name of the licensable feature  
in the device. Examples of feature names are: 'IPBASE',  
'ADVIPSERVICE'"  
::= { clmgmtLicensableFeatureEntry 2 }

clmgmtFeatureVersion OBJECT-TYPE  
SYNTAX SnmpAdminString (SIZE (0..32))  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the version of the licensable  
feature in the device. Examples of feature versions  
are: '1.0' or '2.0'"  
::= { clmgmtLicensableFeatureEntry 3 }

clmgmtFeatureValidityPeriodRemaining OBJECT-TYPE  
SYNTAX Unsigned32  
UNITS "seconds"  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the time period remaining before  
the feature's license expires or transitions. This object is  
applicable only if clmgmtLicenseType of the license used by  
this feature is demo(1), or extension(2) or gracePeriod(3) or  
evalRightToUse(8).  
  
The object will contain 0 if other types of license is used  
or if the feature does not use any license. If the  
feature is using multiple licenses, this period will  
represent the cumulative period remaining from all the  
licenses used by this feature."  
::= { clmgmtLicensableFeatureEntry 4 }

clmgmtFeatureWhatIsCounted OBJECT-TYPE  
SYNTAX SnmpAdminString (SIZE (0..128))  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object represents the entity that is being counted  
by this feature. Examples of entities are IP Phones, number  
of sessions etc. This object is only applicable for  
features that use counting licenses. For other features,  
this object will return empty string."  
::= { clmgmtLicensableFeatureEntry 5 }



clmgmtFeatureStartDate OBJECT-TYPE

SYNTAX DateAndTime

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the license start date of the feature.

This object is applicable if at least one of the licenses used for this feature has a valid start date. The start date will be the earliest of the valid start dates of all the licenses used for this feature. If none of the licenses used for this feature have a valid start date then this object will contain an octet string of length 0."

::= { clmgmtLicensableFeatureEntry 6 }

clmgmtFeatureEndDate OBJECT-TYPE

SYNTAX DateAndTime

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the license end date of the feature.

This object is applicable if at least one of the licenses used for this feature has a valid end date. The end date will be the latest of the valid end dates of all the licenses used for this feature. If none of the licenses used for this feature have a valid end date then this object will contain an octet string of length 0."

::= { clmgmtLicensableFeatureEntry 7 }

clmgmtFeaturePeriodUsed OBJECT-TYPE

SYNTAX Unsigned32

UNITS "seconds"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the license period used for the feature."

::= { clmgmtLicensableFeatureEntry 8 }

-- MIB objects for exporting device credentials

clmgmtNextFreeDevCredExportActionIndex OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object contains appropriate value for

clmgmtDevCredExportActionIndex that can be used to create an entry in clmgmtDevCredExportActionTable. The management application should read this object first and then use this as the value for clmgmtDevCredExportActionIndex to avoid collisions when creating entries in clmgmtDevCredExportActionTable. Following this approach does not guarantee collision free row creation, but will reduce the probability. The collision will happen if two management applications read this object at the same time and attempt to create an entry with this value at the same time. In this case, the management application whose request is processed after the first request will get an error and the process of reading this object and entry creation needs to be repeated."

```
::= { clmgmtLicenseDeviceInformation 1 }
```

-- Table for triggering action to export device credentials.

clmgmtDevCredExportActionTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtDevCredExportActionEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"A table for triggering device credentials export action.

Management application must create this entry to trigger the export of device credentials from the device to a file.

Once the request completes, the management application should retrieve the values of the objects of interest, and then delete the entry. In order to prevent old entries from clogging the table, entries will be aged out, but an entry will never be deleted within 5 minutes of completion."

```
::= { clmgmtLicenseDeviceInformation 2 }
```

clmgmtDevCredExportActionEntry OBJECT-TYPE

SYNTAX ClmgmtDevCredExportActionEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry for each device credential export action that is being executed or was executed recently. The management application triggers the export by creating an entry in this table. This can be done in the following 2 methods

#### 1. CREATE-AND-GO method

Management application sets clmgmtDevCredExportActionStatus to createAndGo(4) and all other required objects to valid values in a single SNMP SET request. If all the values are valid, the device creates the entry and executes the

action. If the SET request fails, the entry will not be created.

## 2. CREATE-AND-WAIT method

Management application sets `clmgmtDevCredExportActionStatus` to `createAndWait(5)` to create an entry. Management application can set all other required objects to valid values in more than one SNMP SET request. If SET request for any of the objects fails, management application can set just only that object. Once all the required objects are set to valid values, management application triggers action execution by setting `clmgmtDevCredExportActionStatus` to `active(1)`.

To stop the action from being executed, the management application can delete the entry by setting `clmgmtDevCredExportActionStatus` to `destroy(6)` when `clmgmtDevCredCommandState` is `pending(2)`.

The status of action execution can be known by querying `clmgmtDevCredCommandState`. If the action is still in `pending(2)` or `inProgress(3)`, the management application need to check back again after few seconds. Once the action completes and if status of the action is `failed(6)`, the reason for failure can be retrieved from `clmgmtDevCredCommandFailCause`.

Entry can be deleted except when `clmgmtLicenseAction` is set to `inProgress(3)`. All entries in this table are volatile and are cleared on agent reset."

```
INDEX      { clmgmtDevCredExportActionIndex }  
 ::= { clmgmtDevCredExportActionTable 1 }
```

```
ClmgmtDevCredExportActionEntry ::= SEQUENCE {  
    clmgmtDevCredExportActionIndex Unsigned32,  
    clmgmtDevCredEntPhysicalIndex PhysicalIndexOrZero,  
    clmgmtDevCredTransferProtocol ClmgmtLicenseTransferProtocol,  
    clmgmtDevCredServerAddressType InetAddressType,  
    clmgmtDevCredServerAddress InetAddress,  
    clmgmtDevCredServerUsername SnmpAdminString,  
    clmgmtDevCredServerPassword SnmpAdminString,  
    clmgmtDevCredExportFile SnmpAdminString,  
    clmgmtDevCredCommand INTEGER,  
    clmgmtDevCredCommandState ClmgmtLicenseActionState,  
    clmgmtDevCredCommandFailCause INTEGER,  
    clmgmtDevCredStorageType StorageType,  
    clmgmtDevCredRowStatus RowStatus  
}
```

`clmgmtDevCredExportActionIndex` OBJECT-TYPE

```
SYNTAX      Unsigned32 (1..4294967295)
```

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a row in clmgmtDevCredExportActionTable. The management application chooses this value by reading clmgmtNextFreeDevCredExportActionIndex while creating an entry in this table. If an entry already exists with this index, the creation of the entry will not continue and error will be returned. The management application should read the value of clmgmtNextFreeDevCredExportActionIndex again and retry with the new value for this object."

::= { clmgmtDevCredExportActionEntry 1 }

clmgmtDevCredEntPhysicalIndex OBJECT-TYPE

SYNTAX PhysicalIndexOrZero

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object represents the entPhysicalIndex of the device for which the device credentials are being retrieved. This object is mainly used in devices where one device is acting as a master and rest of the devices as slaves. The master device is responsible for SNMP communication with the manager. Examples include stackable switches, devices with router processor and line cards.

Note: This object need not be set if it is a stand alone device"

DEFVAL { 0 }

::= { clmgmtDevCredExportActionEntry 2 }

clmgmtDevCredTransferProtocol OBJECT-TYPE

SYNTAX ClmgmtLicenseTransferProtocol

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the transfer protocol to be used when copying files as specified in the following objects.

1. clmgmtDevCredExportFile

."

DEFVAL { none }

::= { clmgmtDevCredExportActionEntry 3 }

clmgmtDevCredServerAddressType OBJECT-TYPE

SYNTAX InetAddressType

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the transport type of the address contained in clmgmtDevCredServerAddress object. This must be set when clmgmtDevCredTransferProtocol is not none(1) or local(2)."

DEFVAL { unknown }

::= { clmgmtDevCredExportActionEntry 4 }

#### clmgmtDevCredServerAddress OBJECT-TYPE

SYNTAX InetAddress

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the the ip address of the server from which the files must be read or written to if clmgmtDevCredTransferProtocol is not none(1) or local(2).

All bits as 0s or 1s for clmgmtDevCredServerAddress are not allowed.

The format of this address depends on the value of the clmgmtDevCredServerAddressType object"

DEFVAL { "" }

::= { clmgmtDevCredExportActionEntry 5 }

#### clmgmtDevCredServerUsername OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..96))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the remote user name for accessing files via ftp, rcp, sftp or scp protocols. This object must be set when the clmgmtDevCredTransferProtocol is ftp(4), rcp(5), scp(7) or sftp(8). If clmgmtDevCredTransferProtocol is rcp(5), the remote username is sent as the server username in an rcp command request sent by the system to a remote rcp server."

DEFVAL { "" }

::= { clmgmtDevCredExportActionEntry 6 }

#### clmgmtDevCredServerPassword OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..96))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the password used by ftp, sftp or scp for copying a file to/from an ftp/sftp/scp server.

This object must be set when the

clmgmtDevCredTransferProtocol is ftp(4) or scp(7) or sftp(8). Reading it returns a zero-length string for security reasons."

DEFVAL { "" }

::= { clmgmtDevCredExportActionEntry 7 }

clmgmtDevCredExportFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object represents file where device credentials needs to be exported to."

::= { clmgmtDevCredExportActionEntry 8 }

clmgmtDevCredCommand OBJECT-TYPE

SYNTAX INTEGER {  
noOp(1),  
getDeviceCredentials(2)  
}

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the the command to be executed.

Command	Remarks
-----	-----
noOp(1)	No operation will be performed.

getDeviceCredentials(2)	Exports device credentials"
-------------------------	-----------------------------

DEFVAL { noOp }

::= { clmgmtDevCredExportActionEntry 9 }

clmgmtDevCredCommandState OBJECT-TYPE

SYNTAX ClmgmtLicenseActionState

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the state of the action that is executed as a result of setting clmgmtDevCredRowStatus to active(1)."

::= { clmgmtDevCredExportActionEntry 10 }

clmgmtDevCredCommandFailCause OBJECT-TYPE

SYNTAX INTEGER {  
none(1),  
unknownError(2),

transferProtocolNotSupported(3),  
fileServerNotReachable(4),  
unrecognizedEntPhysicalIndex(5),  
invalidFile(6)  
}

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the the reason for device  
credentials export operation failure.

The value of this object is valid only when  
clmgmtDevCredCommandState is failed(6).

none(1) - action execution has not started yet.

If the action is completed and the  
action is successful, then also  
none(1) is returned to indicate that  
there are no errors.

unknownError(2) - reason for failure is unknown,  
operation failed, no operation is  
performed

transferProtocolNotSupported(3) - clmgmtDevCredTransferProtocol  
given is not supported.

fileServerNotReachable(4) - file server is not reachable.

unrecognizedEntPhysicalIndex(5) - entPhysicalIndex is not  
valid

invalidFile(6) - The target file specified is not valid."

::= { clmgmtDevCredExportActionEntry 11 }

clmgmtDevCredStorageType OBJECT-TYPE

SYNTAX StorageType

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the storage type for this conceptual  
row. Conceptual rows having the value 'permanent' need not  
allow write-access to any columnar objects in the row."

DEFVAL { volatile }

::= { clmgmtDevCredExportActionEntry 12 }

clmgmtDevCredRowStatus OBJECT-TYPE

SYNTAX RowStatus

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the the status of this table entry.

Once the entry status is set to active(1), the associated

entry cannot be modified until the action completes (clmgmtDevCredCommandStatus is set to a value other than inProgress(3)). Once the action completes the only operation possible after this is to delete the row.

clmgmtDevCredExportFile is a mandatory object to be set when creating this entry."

```
::= { clmgmtDevCredExportActionEntry 13 }
```

-- Objects for enabling/disabling notifications

clmgmtLicenseUsageNotifEnable OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object indicates whether the device should generate the notifications related to usage of licenses. This object enables/disables sending following notifications:

- clmgmtLicenseExpired
- clmgmtLicenseExpiryWarning
- clmgmtLicenseUsageCountExceeded
- clmgmtLicenseUsageCountAboutToExceed
- clmgmtLicenseSubscriptionExpiryWarning
- clmgmtLicenseSubscriptionExtExpiryWarning
- clmgmtLicenseSubscriptionExpired
- clmgmtLicenseEvalRTUTransitionWarning
- clmgmtLicenseEvalRTUTransition"

DEFVAL { true }

```
::= { clmgmtLicenseNotifObjects 1 }
```

clmgmtLicenseDeploymentNotifEnable OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object indicates whether the device should generate notifications related to license deployment. This object enables/disables sending following notifications:

- clmgmtLicenseInstalled
- clmgmtLicenseCleared
- clmgmtLicenseRevoked
- clmgmtLicenseEULAAccepted"

DEFVAL { true }

```
::= { clmgmtLicenseNotifObjects 2 }
```



clmgmtLicenseErrorNotifEnable OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object indicates whether the device should generate notifications related to error conditions in enforcing licensing. This object enables/disables sending following notifications:

clmgmtLicenseNotEnforced"

DEFVAL { true }

::= { clmgmtLicenseNotifObjects 3 }

-- Notifications

clmgmtLicenseExpired NOTIFICATION-TYPE

OBJECTS {  
    clmgmtFeatureName,  
    clmgmtFeatureVersion  
}

STATUS current

DESCRIPTION

"This notification is sent, when a feature license expires. This notification will be sent continuously every week even after the expiry to alert the management application."

::= { ciscoLicenseMgmtMIBNotifs 1 }

clmgmtLicenseExpiryWarning NOTIFICATION-TYPE

OBJECTS {  
    clmgmtFeatureName,  
    clmgmtFeatureVersion,  
    clmgmtFeatureValidityPeriodRemaining  
}

STATUS current

DESCRIPTION

"This notification is sent when a license is about to expire. This notification will go out multiple times. First notification goes out when expiry day is 4 weeks ahead, second notification when expiry day is 3 weeks ahead, third notification when expiry day is 2 weeks ahead. This notification will go out daily in the last week of license expiry."

::= { ciscoLicenseMgmtMIBNotifs 2 }

clmgmtLicenseUsageCountExceeded NOTIFICATION-TYPE

OBJECTS {

```
        clmgmtLicenseFeatureName,
        clmgmtLicenseFeatureVersion,
        clmgmtLicenseMaxUsageCount,
        clmgmtFeatureWhatIsCounted,
        clmgmtLicenseComments
    }
STATUS    current
DESCRIPTION
    "This notification is sent when clmgmtLicenseUsageCountRemaining
    has reached clmgmtLicenseMaxUsageCount for a counting license."
::= { ciscoLicenseMgmtMIBNotifs 3 }
```

clmgmtLicenseUsageCountAboutToExceed NOTIFICATION-TYPE

```
OBJECTS    {
        clmgmtLicenseFeatureName,
        clmgmtLicenseFeatureVersion,
        clmgmtLicenseMaxUsageCount,
        clmgmtLicenseUsageCountRemaining,
        clmgmtFeatureWhatIsCounted,
        clmgmtLicenseComments
    }
STATUS    current
DESCRIPTION
    "This notification is sent when clmgmtLicenseUsageCountRemaining
    has reached 80% of clmgmtLicenseMaxUsageCount for a counting
    license. This is a warning notification to the management
    application that very soon the maximum count will be reached
    and after that the device will not allow new entities to
    make use of this license."
::= { ciscoLicenseMgmtMIBNotifs 4 }
```

clmgmtLicenseInstalled NOTIFICATION-TYPE

```
OBJECTS    {
        clmgmtLicenseFeatureName,
        clmgmtLicenseFeatureVersion,
        clmgmtLicenseType,
        clmgmtLicenseComments
    }
STATUS    current
DESCRIPTION
    "This notification is sent when a license is installed
    successfully."
::= { ciscoLicenseMgmtMIBNotifs 5 }
```

clmgmtLicenseCleared NOTIFICATION-TYPE

```
OBJECTS    {
        clmgmtLicenseFeatureName,
        clmgmtLicenseFeatureVersion,
```

```
        clmgmtLicenseType,
        clmgmtLicenseComments
    }
STATUS    current
DESCRIPTION
    "This notification is sent when a license is cleared
    successfully."
::= { ciscoLicenseMgmtMIBNotifs 6 }
```

#### clmgmtLicenseRevoked NOTIFICATION-TYPE

```
OBJECTS    {
        clmgmtLicenseFeatureName,
        clmgmtLicenseFeatureVersion,
        clmgmtLicenseType,
        clmgmtLicenseComments
    }
STATUS    current
DESCRIPTION
    "This notification is sent when a license is revoked
    successfully."
::= { ciscoLicenseMgmtMIBNotifs 7 }
```

#### clmgmtLicenseEULAAccepted NOTIFICATION-TYPE

```
OBJECTS    {
        clmgmtFeatureName,
        clmgmtFeatureVersion
    }
STATUS    current
DESCRIPTION
    "This notification is sent when a user accepts End User
    License Agreement (EULA) for a license."
::= { ciscoLicenseMgmtMIBNotifs 8 }
```

#### clmgmtLicenseNotEnforced NOTIFICATION-TYPE

```
OBJECTS    {
        clmgmtFeatureName,
        clmgmtFeatureVersion
    }
STATUS    current
DESCRIPTION
    "This notification is sent when a license does not
    exist for a feature, but the feature is a mandatory
    feature and it should run. This notification will be
    sent out periodically to indicate that there is no
    license installed for this feature and it needs to
    be done as soon as possible."
::= { ciscoLicenseMgmtMIBNotifs 9 }
```

clmgmtLicenseSubscriptionExpiryWarning NOTIFICATION-TYPE

```
OBJECTS    {
            clmgmtFeatureName,
            clmgmtFeatureVersion,
            clmgmtFeatureEndDate
        }
```

STATUS current

DESCRIPTION

"This notification is sent when a subscription license of a feature is about to expire. This notification will be sent as per the following schedule:

Once a week for the last eight weeks

Once a day for the last week

Once a hour for the last day"

::= { ciscoLicenseMgmtMIBNotifs 10 }

clmgmtLicenseSubscriptionExtExpiryWarning NOTIFICATION-TYPE

```
OBJECTS    {
            clmgmtFeatureName,
            clmgmtFeatureVersion,
            clmgmtFeatureEndDate
        }
```

STATUS current

DESCRIPTION

"This notification is sent when the subscription license end date of a feature is reached but extension period is left. This notification will be sent once a day after the license end date is reached."

::= { ciscoLicenseMgmtMIBNotifs 11 }

clmgmtLicenseSubscriptionExpired NOTIFICATION-TYPE

```
OBJECTS    {
            clmgmtFeatureName,
            clmgmtFeatureVersion,
            clmgmtFeatureEndDate
        }
```

STATUS current

DESCRIPTION

"This notification will be sent after a subscription license of a feature completely expires. It will be sent once a day after the license has completely expired"

::= { ciscoLicenseMgmtMIBNotifs 12 }

clmgmtLicenseEvalRTUTransitionWarning NOTIFICATION-TYPE

```
OBJECTS    {
            clmgmtFeatureName,
            clmgmtFeatureVersion,
            clmgmtFeatureValidityPeriodRemaining
        }
```

```

    }
STATUS      current
DESCRIPTION
    "This notification is sent when Evaluation to Right to use (RTU)
    license transition is about to happen. The first notification
    will be sent 10 days before the transition and second
    notification will be sent 5 days before the transition."
::= { ciscoLicenseMgmtMIBNotifs 13 }

clmgmtLicenseEvalRTUTransition NOTIFICATION-TYPE
OBJECTS      {
    clmgmtFeatureName,
    clmgmtFeatureVersion
}
STATUS      current
DESCRIPTION
    "This notification is sent, when a feature license transitions
    from a evaluation to a Right to use (RTU) license."
::= { ciscoLicenseMgmtMIBNotifs 14 }
-- Conformance

ciscoLicenseMgmtCompliances OBJECT IDENTIFIER
::= { ciscoLicenseMgmtMIBConform 1 }

ciscoLicenseMgmtGroups OBJECT IDENTIFIER
::= { ciscoLicenseMgmtMIBConform 2 }

ciscoLicenseMgmtCompliance MODULE-COMPLIANCE
STATUS      deprecated
DESCRIPTION
    "Compliance statement for Cisco license mgmt MIB."
MODULE      -- this module
MANDATORY-GROUPS {
    clmgmtLicenseDeploymentGroup,
    clmgmtLicenseDeviceInformationGroup,
    clmgmtLicenseInformationGroup,
    clmgmtLicensableFeatureInformationGroup,
    clmgmtLicenseDevCredGroup,
    clmgmtLicenseNotificationEnableGroup,
    clmgmtLicenseUsageNotifGroup,
    clmgmtLicenseDeploymentNotifGroup,
    clmgmtLicenseErrorNotifGroup
}

GROUP      clmgmtLicenseStoreInformationGroup
DESCRIPTION
    "This group is mandatory for all devices where

```

```
multiple license stores are supported."  
::= { ciscoLicenseMgmtCompliances 1 }
```

```
ciscoLicenseMgmtComplianceRev1 MODULE-COMPLIANCE
```

```
STATUS current
```

```
DESCRIPTION
```

```
"Compliance statement for Cisco license mgmt MIB."
```

```
MODULE -- this module
```

```
MANDATORY-GROUPS {
```

```
    clmgmtLicenseDeploymentGroup,  
    clmgmtLicenseDeviceInformationGroup,  
    clmgmtLicenseInformationGroup,  
    clmgmtLicensableFeatureInformationGroup,  
    clmgmtLicenseDevCredGroup,  
    clmgmtLicenseNotificationEnableGroup,  
    clmgmtLicenseUsageNotifGroup,  
    clmgmtLicenseDeploymentNotifGroup,  
    clmgmtLicenseErrorNotifGroup  
}
```

```
GROUP clmgmtLicenseStoreInformationGroup
```

```
DESCRIPTION
```

```
"This group is mandatory for all devices where  
multiple license stores are supported."
```

```
GROUP clmgmtLicenseSubscriptionGroup
```

```
DESCRIPTION
```

```
"This object group is mandatory for all devices that  
support subscription licensing."
```

```
GROUP clmgmtLicenseSubscriptionUsageNotifGroup
```

```
DESCRIPTION
```

```
"This notification group is mandatory for all devices that  
support subscription licensing."
```

```
GROUP clmgmtLicenseRTUGroup
```

```
DESCRIPTION
```

```
"This object group is mandatory for all devices that  
support Right to Use (RTU) licensing."
```

```
GROUP clmgmtLicenseRTUUsageNotifGroup
```

```
DESCRIPTION
```

```
"This notification group is mandatory for all devices that  
support Right to use (RTU) licensing."
```

```
::= { ciscoLicenseMgmtCompliances 2 }
```

```
-- Units of Conformance
```

clmgmtLicenseDeploymentGroup OBJECT-GROUP

```
OBJECTS    {
    clmgmtNextFreeLicenseActionIndex,
    clmgmtLicenseActionEntPhysicalIndex,
    clmgmtLicenseActionTransferProtocol,
    clmgmtLicenseServerAddressType,
    clmgmtLicenseServerAddress,
    clmgmtLicenseServerUsername,
    clmgmtLicenseServerPassword,
    clmgmtLicenseFile,
    clmgmtLicenseStore,
    clmgmtLicenseActionLicenseIndex,
    clmgmtLicensePermissionTicketFile,
    clmgmtLicenseRehostTicketFile,
    clmgmtLicenseBackupFile,
    clmgmtLicenseStopOnFailure,
    clmgmtLicenseAction,
    clmgmtLicenseActionState,
    clmgmtLicenseJobQPosition,
    clmgmtLicenseActionFailCause,
    clmgmtLicenseActionStorageType,
    clmgmtLicenseActionRowStatus,
    clmgmtLicenseIndivActionState,
    clmgmtLicenseIndivActionFailCause,
    clmgmtLicenseAcceptEULA,
    clmgmtLicenseEULAFile
}
```

STATUS current

DESCRIPTION

"A collection of objects for performing license deployment  
i.e., license installation, clear and revoke"

::= { ciscoLicenseMgmtGroups 1 }

clmgmtLicenseStoreInformationGroup OBJECT-GROUP

```
OBJECTS    {
    clmgmtLicenseStoreName,
    clmgmtLicenseStoreTotalSize,
    clmgmtLicenseStoreSizeRemaining
}
```

STATUS current

DESCRIPTION

"A collection of objects that provide information about  
license storages in the device."

::= { ciscoLicenseMgmtGroups 2 }

clmgmtLicenseDeviceInformationGroup OBJECT-GROUP

```
OBJECTS    { clmgmtDefaultLicenseStore }
```

STATUS current

#### DESCRIPTION

"A collection of objects that provide information about device level licensing support information in the device."

::= { ciscoLicenseMgmtGroups 3 }

#### clmgmtLicenseInformationGroup OBJECT-GROUP

```
OBJECTS    {
    clmgmtLicenseFeatureName,
    clmgmtLicenseFeatureVersion,
    clmgmtLicenseType,
    clmgmtLicenseCounted,
    clmgmtLicenseValidityPeriod,
    clmgmtLicenseValidityPeriodRemaining,
    clmgmtLicenseExpiredPeriod,
    clmgmtLicenseMaxUsageCount,
    clmgmtLicenseUsageCountRemaining,
    clmgmtLicenseEULAStatus,
    clmgmtLicenseComments,
    clmgmtLicenseStatus
}
```

STATUS current

#### DESCRIPTION

"A collection of objects that provide information about licenses and its state."

::= { ciscoLicenseMgmtGroups 4 }

#### clmgmtLicensableFeatureInformationGroup OBJECT-GROUP

```
OBJECTS    {
    clmgmtFeatureName,
    clmgmtFeatureVersion,
    clmgmtFeatureValidityPeriodRemaining,
    clmgmtFeatureWhatIsCounted
}
```

STATUS current

#### DESCRIPTION

"A collection of objects that provide information about licensable features in the software image."

::= { ciscoLicenseMgmtGroups 5 }

#### clmgmtLicenseDevCredGroup OBJECT-GROUP

```
OBJECTS    {
    clmgmtNextFreeDevCredExportActionIndex,
    clmgmtDevCredEntPhysicalIndex,
    clmgmtDevCredTransferProtocol,
    clmgmtDevCredServerAddressType,
    clmgmtDevCredServerAddress,
    clmgmtDevCredServerUsername,
    clmgmtDevCredServerPassword,
}
```



```

        clmgmtDevCredExportFile,
        clmgmtDevCredCommand,
        clmgmtDevCredCommandState,
        clmgmtDevCredCommandFailCause,
        clmgmtDevCredStorageType,
        clmgmtDevCredRowStatus
    }
STATUS    current
DESCRIPTION
    "A collection of objects for exporting device credentials
    from the device."
::= { ciscoLicenseMgmtGroups 6 }

```

clmgmtLicenseNotificationEnableGroup OBJECT-GROUP

```

OBJECTS    {
    clmgmtLicenseUsageNotifEnable,
    clmgmtLicenseDeploymentNotifEnable,
    clmgmtLicenseErrorNotifEnable
}
STATUS    current
DESCRIPTION
    "A collection of objects for controlling
    (enabling/disabling) license notifications to a management
    application."
::= { ciscoLicenseMgmtGroups 7 }

```

clmgmtLicenseUsageNotifGroup NOTIFICATION-GROUP

```

NOTIFICATIONS {
    clmgmtLicenseExpired,
    clmgmtLicenseExpiryWarning,
    clmgmtLicenseUsageCountExceeded,
    clmgmtLicenseUsageCountAboutToExceed
}
STATUS    current
DESCRIPTION
    "A collection of notifications related to license usage."
::= { ciscoLicenseMgmtGroups 8 }

```

clmgmtLicenseDeploymentNotifGroup NOTIFICATION-GROUP

```

NOTIFICATIONS {
    clmgmtLicenseInstalled,
    clmgmtLicenseCleared,
    clmgmtLicenseRevoked,
    clmgmtLicenseEULAAccepted
}
STATUS    current
DESCRIPTION
    "A collection of notifications related to license deployment."

```

```
::= { ciscoLicenseMgmtGroups 9 }
```

```
clmgmtLicenseErrorNotifGroup NOTIFICATION-GROUP  
NOTIFICATIONS { clmgmtLicenseNotEnforced }  
STATUS current  
DESCRIPTION  
"A collection of notifications related to license errors."  
::= { ciscoLicenseMgmtGroups 10 }
```

```
clmgmtLicenseSubscriptionGroup OBJECT-GROUP  
OBJECTS {  
    clmgmtLicenseStartDate,  
    clmgmtLicenseEndDate,  
    clmgmtFeatureStartDate,  
    clmgmtFeatureEndDate  
}  
STATUS current  
DESCRIPTION  
"A collection of objects that provide information specific to  
subscription licenses."  
::= { ciscoLicenseMgmtGroups 11 }
```

```
clmgmtLicenseSubscriptionUsageNotifGroup NOTIFICATION-GROUP  
NOTIFICATIONS {  
    clmgmtLicenseSubscriptionExpiryWarning,  
    clmgmtLicenseSubscriptionExtExpiryWarning,  
    clmgmtLicenseSubscriptionExpired  
}  
STATUS current  
DESCRIPTION  
"A collection of notifications related to usage of subscription  
licenses."  
::= { ciscoLicenseMgmtGroups 12 }
```

```
clmgmtLicenseRTUGroup OBJECT-GROUP  
OBJECTS {  
    clmgmtLicensePeriodUsed,  
    clmgmtFeaturePeriodUsed  
}  
STATUS current  
DESCRIPTION  
"A collection of objects that provide information specific to  
Right to use (RTU) licenses."  
::= { ciscoLicenseMgmtGroups 13 }
```

```
clmgmtLicenseRTUUsageNotifGroup NOTIFICATION-GROUP  
NOTIFICATIONS {  
    clmgmtLicenseEvalRTUTransitionWarning,
```

```

        cMgmtLicenseEvalRTUTransition
    }
    STATUS      current
    DESCRIPTION
        "A collection of notifications related to Right to use (RTU)
        licenses."
    ::= { ciscoLicenseMgmtGroups 14 }

END

--%DNP%  MLC -Edit MLC

--%DNP%  MTF -TRUE MTF
-- *****
-- CISCO-IMAGE-LICENSE-MGMT-MIB.my: Cisco MIB to manage image level on
-- Cisco devices.
--
-- August 2007, Ganesan Rajam
--
-- Copyright (c) 2006-2007 by Cisco Systems Inc.
-- All rights reserved.
--
-- *****

CISCO-IMAGE-LICENSE-MGMT-MIB DEFINITIONS ::= BEGIN

IMPORTS
    OBJECT-TYPE,
    MODULE-IDENTITY,
    Unsigned32,
    NOTIFICATION-TYPE
        FROM SNMPv2-SMI
    MODULE-COMPLIANCE,
    OBJECT-GROUP,
    NOTIFICATION-GROUP
        FROM SNMPv2-CONF
    TEXTUAL-CONVENTION,
    TruthValue
        FROM SNMPv2-TC
    SnmpAdminString
        FROM SNMP-FRAMEWORK-MIB
    entPhysicalIndex
        FROM ENTITY-MIB
    ciscoMgmt
        FROM CISCO-SMI;

```

ciscoImageLicenseMgmtMIB MODULE-IDENTITY

LAST-UPDATED "200710160000Z"

ORGANIZATION "Cisco Systems Inc."

CONTACT-INFO

"Cisco Systems

Customer Service

Postal: 170 W Tasman Drive

San Jose, CA 95134

USA

Tel: +1 800 553 -NETS

E-mail: cs-snmp@cisco.com"

DESCRIPTION

"The MIB module for managing the running image level of a Cisco device. Cisco's licensing mechanism provides flexibility to run a device on a chosen image level. This mechanism is referred to as image level licensing. Image level licensing leverages the universal image based licensing solution.

The image level licensing mechanism works as follows -

A universal image that contains all levels of software packages is loaded on to the device. At boot time, the device determines the highest level of license and brings up the appropriate software features or subsystems. The user can configure the image level with which the device has to boot. The system will verify whether the appropriate license is available for the configured image level. The image level for the next boot will be determined based on the availability of the license. The following scenarios explain some use-cases of image level licensing:

Scenario 1:

- Customer selects advsecurityk9 based image.
- Manufacturing installs advsecurity license on the device.
- This device will run all features that are part of the base advsecurity license.
- Customer upgrades to advipservicesk9 license.
- The next boot level is set to advipservicesk9.
- The device will run advsecurityk9 feature until the next reboot. After reboot the device will run advipservicesk9 features.

Scenario 2:

- Customer selects advipservicesk9 based image.
- Manufacturing installs advipservices and advsecurity license on the device.
- This device will run all features that are part of the

base advipservices license.

- No upgrades available for advipservices license.

The user has to accept the End User License Agreement(EULA) before using this MIB to configure the image level.

This MIB should be used in conjunction with CISCO-LICENSE-MGMT-MIB module to achieve the image level licensing functionality.

This MIB module defines objects which provides the different image levels supported by the device and the license required to enable a particular image level. It also defines objects to let the user configure the required image level. The MIB module contains notification which will be triggered when the user changes the image level for next boot.

The CISCO-LICENSE-MGMT-MIB module should be used to export the EULA and to configure the required license.

This MIB module is defined generically so it can be used for both stand-alone as well as stackable devices. The entPhysicalIndex imported from ENTITY-MIB is used to identify the device uniquely."

REVISION "200710160000Z"

DESCRIPTION

"Initial version of this MIB module."

::= { ciscoMgmt 640 }

ciscoImageLicenseMgmtMIBNotifs OBJECT IDENTIFIER

::= { ciscoImageLicenseMgmtMIB 0 }

ciscoImageLicenseMgmtMIBObjects OBJECT IDENTIFIER

::= { ciscoImageLicenseMgmtMIB 1 }

ciscoImageLicenseMgmtMIBConform OBJECT IDENTIFIER

::= { ciscoImageLicenseMgmtMIB 2 }

BootImageLevel ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This textual convention is used to define the image level.

If the device is running at advipservices image level, then the boot image level will

be 'advipservices'."

SYNTAX OCTET STRING (SIZE (0..255))

LicenseNameList ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This textual convention is used to define the list of license names. If multiple licenses are present then this string will contain all the licenses separated by the ',' character.

If the license required to run a device at advipservices image level is advipservices and advsecurity, then the license name list will be 'advipservices,advsecurity'."

SYNTAX OCTET STRING (SIZE (0..255))

-- Table for executing license management actions.

cilmBootImageLevelTable OBJECT-TYPE

SYNTAX SEQUENCE OF CilmBootImageLevelEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"A table that contains the configuration information of current and next boot image level. This table contains entries for each software module running in an image loaded in the device. The software module is identified by cilmModuleName and the device is identified by entPhysicalIndex."

::= { ciscoImageLicenseMgmtMIBObjects 1 }

cilmBootImageLevelEntry OBJECT-TYPE

SYNTAX CilmBootImageLevelEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in the table for each module containing the list of objects that define the configuration of next boot level. The following information is specified by the objects present in the table.

- Current image level.
- Configured image level for the next boot.
- Actual image level for the next boot.
- License store index for the current license.
- License index of the current license.
- License store index for the next boot license.
- License index of the next boot license."

```

INDEX      {
            entPhysicalIndex,
            cilmModuleName
          }
 ::= { cilmBootImageLevelTable 1 }

```

```

CilmBootImageLevelEntry ::= SEQUENCE {
    cilmModuleName          SnmpAdminString,
    cilmCurrentImageLevel   BootImageLevel,
    cilmConfiguredBootImageLevel BootImageLevel,
    cilmNextBootImageLevel  BootImageLevel,
    cilmCurrentLicenseStoreIndex Unsigned32,
    cilmCurrentLicenseIndex  Unsigned32,
    cilmNextBootLicenseStoreIndex Unsigned32,
    cilmNextBootLicenseIndex Unsigned32
}

```

cilmModuleName OBJECT-TYPE

SYNTAX SnmpAdminString

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object is used as one of the two indices in cilmBootImageLevelTable. This object indicates the module name of the software package. There can be multiple modules in an image performing specific functionality.

For example, in a wireless image there can be two modules - a base image module and a wireless module."

```
 ::= { cilmBootImageLevelEntry 1 }

```

cilmCurrentImageLevel OBJECT-TYPE

SYNTAX BootImageLevel

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the current image level that the module is running."

```
 ::= { cilmBootImageLevelEntry 2 }

```

cilmConfiguredBootImageLevel OBJECT-TYPE

SYNTAX BootImageLevel

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object indicates the configured image level of the module for the next boot.

Note: The configured next boot image level may not

be the actual next boot image level. The actual next boot image level is denoted by `cilmNextBootImageLevel` which is determined based on the license availability."  
 ::= { `cilmBootImageLevelEntry 3` }

`cilmNextBootImageLevel` OBJECT-TYPE

SYNTAX `BootImageLevel`

MAX-ACCESS `read-only`

STATUS `current`

DESCRIPTION

"This object indicates the next boot image level. The next boot image level can be different from configured level. The next boot image level is determined based on the availability of required license."

::= { `cilmBootImageLevelEntry 4` }

`cilmCurrentLicenseStoreIndex` OBJECT-TYPE

SYNTAX `Unsigned32`

MAX-ACCESS `read-only`

STATUS `current`

DESCRIPTION

"This object indicates the license store index where the currently used license is stored. This object has the same value as `clmgmtLicenseStoreIndex` object and uniquely identifies an entry in `clmgmtLicenseStoreInfoTable` in CISCO-LICENSE-MGMT-MIB.

Note: The license store index can be '0' if no license is installed and device is running base image."

::= { `cilmBootImageLevelEntry 5` }

`cilmCurrentLicenseIndex` OBJECT-TYPE

SYNTAX `Unsigned32`

MAX-ACCESS `read-only`

STATUS `current`

DESCRIPTION

"This object indicates the license index of the currently used license. This object has the same value as `clmgmtLicenseIndex` and uniquely identifies an entry in `clmgmtLicenseInfoTable` in CISCO-LICENSE-MGMT-MIB.

Note: The license index can be '0' if no license is installed and device is running base image."

::= { `cilmBootImageLevelEntry 6` }

`cilmNextBootLicenseStoreIndex` OBJECT-TYPE

SYNTAX `Unsigned32`

MAX-ACCESS `read-only`



STATUS current

DESCRIPTION

"This object indicates the license store index where the next boot license is stored. This object has the same value as clmgmtLicenseStoreIndex object and uniquely identifies an entry in clmgmtLicenseStoreInfoTable in CISCO-LICENSE-MGMT-MIB.

Note: The license store index can be '0' if no license is installed for the next boot."

::= { cilmBootImageLevelEntry 7 }

cilmNextBootLicenseIndex OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the license index of the next boot license. This object has the same value as clmgmtLicenseIndex and uniquely identifies an entry in clmgmtLicenseInfoTable in CISCO-LICENSE-MGMT-MIB.

Note: The license index can be '0' if no license is installed for the next boot."

::= { cilmBootImageLevelEntry 8 }

cilmImageLevelToLicenseMapTable OBJECT-TYPE

SYNTAX SEQUENCE OF CilmImageLevelToLicenseMapEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains the mapping between different image levels of each modules in the image and the license required to run the modules at a particular image level. This table can be used to identify the different image levels and the appropriate licenses required for each."

::= { ciscoImageLicenseMgmtMIBObjects 2 }

cilmImageLevelToLicenseMapEntry OBJECT-TYPE

SYNTAX CilmImageLevelToLicenseMapEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in the table containing the following information.

- The image levels at the which the modules can be run.
- The license required to the run a module at a particular image level.
- The priority of the license."

```
INDEX      {
            entPhysicalIndex,
            cilmModuleName,
            cilmImageLicenseMapIndex
          }
 ::= { cilmImageLevelToLicenseMapTable 1 }
```

```
CilmImageLevelToLicenseMapEntry ::= SEQUENCE {
  cilmImageLicenseMapIndex  Unsigned32,
  cilmImageLicenseImageLevel  BootImageLevel,
  cilmImageLicenseName      LicenseNameList,
  cilmImageLicensePriority  Unsigned32
}
```

cilmImageLicenseMapIndex OBJECT-TYPE

```
SYNTAX      Unsigned32
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
  "This is a running index used to identify an entry
  of this table."
 ::= { cilmImageLevelToLicenseMapEntry 1 }
```

cilmImageLicenseImageLevel OBJECT-TYPE

```
SYNTAX      BootImageLevel
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION
  "This object indicates the image level at which
  a module can be run. A module can be run at
  different image levels. An entry will be created
  in this table for every module and image level
  combination."
 ::= { cilmImageLevelToLicenseMapEntry 2 }
```

cilmImageLicenseName OBJECT-TYPE

```
SYNTAX      LicenseNameList
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION
  "This object indicates the list of licenses needed to
  be installed for the module to run at the image level
  mentioned by cilmImageLicenseImageLevel object of this
  entry."
```

```
::= { cilmImageLevelToLicenseMapEntry 3 }
```

cilmImageLicensePriority OBJECT-TYPE

SYNTAX Unsigned32 (1..255)

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the priority of the image level mentioned by cilmImageLicenseImageLevel object of this entry. The image level with the highest priority license will be considered as the default level in the absence of next boot image level configuration. For example if there are three licenses l1, l2 and l3 in the ascending order of priority, then by default l1 will be the level at which the module will be running. If the next boot level is configured then the configuration will override the priority. The highest priority license supports a feature set which is a super set of all other licenses."

```
::= { cilmImageLevelToLicenseMapEntry 4 }
```

-- Global Objects

cilmEULAAccepted OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object when set to TRUE means that the user has accepted the END USER LICENSE AGREEMENT. This object has to be set to TRUE by the user before using the objects in the cilmBootImageLevelTable to configure the license."

DEFVAL { false }

```
::= { ciscoImageLicenseMgmtMIBObjects 3 }
```

-- Notification control

cilmNotifCntl OBJECT IDENTIFIER

```
::= { ciscoImageLicenseMgmtMIBObjects 4 }
```

cilmImageLevelChangedNotif OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"Specify whether or not a notification should be

generated on the detection of change in next boot image level.

If set to TRUE, cilmBootImageLevelChanged notification will be generated. It is the responsibility of the management entity to ensure that the SNMP administrative model is configured in such a way as to allow the notification to be delivered."

#### REFERENCE

"See also RFC3413 for explanation that notifications are under the ultimate control of the MIB module in this document."

DEFVAL { false }  
::= { cilmNotifCntl 1 }

-- Notifications

cilmBootImageLevelChanged NOTIFICATION-TYPE

OBJECTS {  
    cilmCurrentImageLevel,  
    cilmConfiguredBootImageLevel  
}

STATUS current

#### DESCRIPTION

"This notification is triggered when next boot image level is changed in the management entity. The current and configured image level are indicated by cilmCurrentImageLevel and cilmConfiguredBootImageLevel objects respectively."

::= { ciscoImageLicenseMgmtMIBNotifs 1 }

-- Conformance

cilmModuleCompliances OBJECT IDENTIFIER

::= { ciscoImageLicenseMgmtMIBConform 1 }

cilmModuleGroups OBJECT IDENTIFIER

::= { ciscoImageLicenseMgmtMIBConform 2 }

cilmModuleCompliance MODULE-COMPLIANCE

STATUS current

#### DESCRIPTION

"Compliance statement for Cisco Image level license mgmt MIB."

MODULE -- this module

MANDATORY-GROUPS {  
    cilmAdminGroup,  
    cilmNotifGroup  
}

```

GROUP      cilmOperGroup
DESCRIPTION
    "This group is mandatory for all devices where
    multiple license are supported."
::= { cilmModuleCompliances 1 }

-- Units of Conformance

cilmAdminGroup OBJECT-GROUP
OBJECTS     {
    cilmCurrentImageLevel,
    cilmConfiguredBootImageLevel,
    cilmNextBootImageLevel,
    cilmCurrentLicenseStoreIndex,
    cilmCurrentLicenseIndex,
    cilmNextBootLicenseStoreIndex,
    cilmNextBootLicenseIndex,
    cilmEULAAccepted,
    cilmImageLevelChangedNotif
}
STATUS      current
DESCRIPTION
    "Objects for performing license set operation for setting
    next boot level."
::= { cilmModuleGroups 1 }

cilmOperGroup OBJECT-GROUP
OBJECTS     {
    cilmImageLicenseImageLevel,
    cilmImageLicenseName,
    cilmImageLicensePriority
}
STATUS      current
DESCRIPTION
    "Objects for getting current image level configuration data."
::= { cilmModuleGroups 2 }

cilmNotifGroup NOTIFICATION-GROUP
NOTIFICATIONS { cilmBootImageLevelChanged }
STATUS      current
DESCRIPTION
    "Objects for getting current image level configuration data."
::= { cilmModuleGroups 3 }

END

```

# 1.333 go 1.16.9

## 1.333.1 Available under license :

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Abe Haskins <abeisgreat@abeisgreat.com>  
Abhinav Gupta <abhinav.g90@gmail.com>  
Adam Azarchs <adam.azarchs@10xgenomics.com>  
Adam Bender <abender@google.com>  
Adam Eijdenberg <adam@continusec.com>  
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Aditya Mukerjee <dev@chimeracoder.net>  
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Adrien Petel <peteladrien@gmail.com>

Acio Jnior <aeciodantasjunior@gmail.com>  
Aeneas Rekkas (arekkas) <aeneas@ory.am>  
Afanasev Stanislav <phpprogger@gmail.com>  
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Alexander Neumann <alexander@bumper.de>  
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Alexandre Parentea <aubonbeurre@gmail.com>  
Alexandre Viau <alexandre@alexandreviau.net>  
Alexandru Mooi <brtznr@gmail.com>  
Alexei Sholik <alcosholik@gmail.com>  
Alexey Alexandrov <aalexand@google.com>  
Alexey Borzenkov <snaury@gmail.com>  
Alexey Naidonov <alexey.naidyonov@gmail.com>  
Alexey Neganov <neganovalexey@gmail.com>  
Alexey Palazhchenko <alexey.palazhchenko@gmail.com>  
Alexey Semenyuk <alexsemenyuk88@gmail.com>  
Alexey Vilenskiy <bynovhack@gmail.com>  
Alexis Hildebrandt <surryhill@gmail.com>



Alexis Hunt <lexer@google.com>  
Alexis Imperial-Legrand <ail@google.com>  
Ali Farooq <ali.farooq0@pm.me>  
Ali Rizvi-Santiago <arizvisa@gmail.com>  
Aliaksandr Valialkin <valyala@gmail.com>  
Alice Merrick <amerrick@google.com>  
Alif Rachmawadi <subosito@gmail.com>  
Allan Simon <allan.simon@supinfo.com>  
Allen Li <ayatane@google.com>  
Alok Menghrajani <alok.menghrajani@gmail.com>  
Alwin Doss <alwindoss84@gmail.com>  
Aman Gupta <aman@tmm1.net>  
Amarjeet Anand <amarjeetanandsingh@gmail.com>  
Amir Mohammad Saied <amir@gluegadget.com>  
Amr Mohammed <merodiro@gmail.com>  
Amrut Joshi <amrut.joshi@gmail.com>  
An Long <aisk1988@gmail.com>  
An Xiao <hac@zju.edu.cn>  
Anand K. Mistry <anand@mistry.ninja>  
Ananya Saxena <ananyasaxena1@gmail.com>  
Anatol Pomozov <anatol.pomozov@gmail.com>  
Anders Pearson <anders@columbia.edu>  
Anderson Queiroz <contato@andersonq.eti.br>  
Andr Carvalho <asantostc@gmail.com>  
Andr Martins <aanm90@gmail.com>  
Andre Nathan <andrenth@gmail.com>  
Andrea Nodari <andrea.nodari91@gmail.com>  
Andrea Spadaccini <spadaccio@google.com>  
Andreas Auernhammer <aead@mail.de>  
Andreas Jellinghaus <andreas@ionisiert.de> <anj@google.com>  
Andreas Litt <andreas.litt@gmail.com>  
Andrei Enshin <b1os@bk.ru>  
Andrei Gherzan <andrei@resin.io>  
Andrei Korzhevskii <a.korzhevskiy@gmail.com>  
Andrei Matei <andrei@cockroachlabs.com>  
Andrei Tudor Clin <mail@acln.ro>  
Andrei Vagin <avagin@google.com>  
Andrei Vieru <euvieru@gmail.com>  
Andres Erbsen <andreser@google.com>  
Andres Lowrie <andres.lowrie@gmail.com>  
Andrew Austin <andrewacht@gmail.com>  
Andrew Balholm <andybalholm@gmail.com>  
Andrew Benton <andrewmbenton@gmail.com>  
Andrew Bonventre <andybons@chromium.org>  
Andrew Braunstein <awbraunstein@gmail.com>  
Andrew Bursavich <abursavich@gmail.com>  
Andrew Ekstedt <andrew.ekstedt@gmail.com>  
Andrew Etter <andrew.etter@gmail.com>

Andrew G. Morgan <agm@google.com>  
Andrew Gerrand <adg@golang.org>  
Andrew Harding <andrew@spacemonkey.com>  
Andrew Jackura <ajackura@google.com>  
Andrew Kemm <andrewkemm@gmail.com>  
Andrew Louis <alouis@digitalocean.com>  
Andrew Lutomirski <andy@luto.us>  
Andrew Medvedev <andrew.y.medvedev@gmail.com>  
Andrew Pilloud <andrewpilloud@igneoussystem.com>  
Andrew Pogrebnoy <absourd.noise@gmail.com>  
Andrew Poydence <apoydence@pivotal.io>  
Andrew Pritchard <awpritchard@gmail.com>  
Andrew Radev <andrey.radev@gmail.com>  
Andrew Skiba <skibaa@gmail.com>  
Andrew Stormont <astormont@racktopsystems.com>  
Andrew Stribblehill <ads@wompom.org>  
Andrew Szeto <andrew@jabagawee.com>  
Andrew Todd <andrew.todd@wework.com>  
Andrew Werner <andrew@upthere.com> <awerner32@gmail.com>  
Andrew Wilkins <axwalk@gmail.com>  
Andrew Williams <williams.andrew@gmail.com>  
Andrew Z Allen <me@andrewzallen.com>  
Andrey Bokhanko <andreybokhanko@gmail.com>  
Andrey Mirtchovski <mirtchovski@gmail.com>  
Andrey Petrov <andrey.petrov@shazow.net>  
Andrii Soldatenko <andrii.soldatenko@gmail.com>  
Andrii Soluk <isoluchok@gmail.com>  
Andriy Lytvynov <lytvynov.a.v@gmail.com>  
Andrzej eel <andrii.zhezhel@gmail.com>  
Andy Balholm <andy@balholm.com>  
Andy Davis <andy@bigandian.com>  
Andy Finkenstadt <afinkenstadt@zynga.com>  
Andy Lindeman <andy@lindeman.io>  
Andy Maloney <asmaloney@gmail.com>  
Andy Pan <panjf2000@gmail.com>  
Andy Walker <walkeraj@gmail.com>  
Andy Wang <cbeuw.andy@gmail.com>  
Andy Williams <andy@andy.xyz>  
Andzej Maciusovic <andzej.maciusovic@gmail.com>  
Anfernee Yongkun Gui <anfernee.gui@gmail.com>  
Angelo Bulfone <mbulfone@gmail.com>  
Anh Hai Trinh <anh.hai.trinh@gmail.com>  
Anit Gandhi <anitgandhi@gmail.com>  
Ankit Goyal <ankit3goyal@gmail.com>  
Anmol Sethi <anmol@aubble.com>  
Annirudh Prasad <annirudh@wandb.com>  
Anschel Schaffer-Cohen <anschelsc@gmail.com>  
Anthony Alves <cvballa3g0@gmail.com>

Anthony Canino <anthony.canino1@gmail.com>  
Anthony Eufemio <anthony.eufemio@gmail.com>  
Anthony Fok <foka@debian.org>  
Anthony Martin <ality@pbrane.org>  
Anthony Sottile <asottile@umich.edu>  
Anthony Starks <ajstarks@gmail.com>  
Anthony Voutas <voutasaurus@gmail.com>  
Anthony Woods <awoods@raintank.io>  
Antoine GIRARD <sapk@sapk.fr>  
Antoine Martin <antoine97.martin@gmail.com>  
Anton Gyllenberg <anton@iki.fi>  
Anton Kuklin <anton.a.kuklin@gmail.com>  
Antonin Amand <antonin.amand@gmail.com>  
Antonio Antelo <aantelov87@gmail.com>  
Antonio Bibiano <antbbn@gmail.com>  
Antonio Huete Jimenez <tuxillo@quantumachine.net>  
Antonio Murdaca <runcom@redhat.com>  
Antonio Troina <thoeni@gmail.com>  
Anze Kolar <me@akolar.com>  
Aofei Sheng <aofei@aofeisheng.com>  
Apisak Darakananda <pongad@gmail.com>  
Aram Hvrneanu <aram@mgk.ro>  
Araragi Hokuto <kanseihonbucho@protonmail.com>  
Arash Bina <arash@arash.io>  
Arda Gl <ardaguclu@gmail.com>  
Areski Belaid <areski@gmail.com>  
Ariel Mashraki <ariel@mashraki.co.il>  
Arkadi Pyuro <arkadi@google.com>  
Arlo Breault <arlolra@gmail.com>  
Arnaud Ysmal <arnaud.ysmal@gmail.com>  
Arne Hormann <arnehormann@gmail.com>  
Arnout Engelen <arnout@bzzt.net>  
Aron Nopanen <aron.nopanen@gmail.com>  
Artem Alekseev <artem.alekseev@intel.com>  
Artem Khvastunov <artem.khvastunov@jetbrains.com>  
Artem Kolin <artemkaxboy@gmail.com>  
Arthur Fabre <arthur@arthurfabre.com>  
Arthur Khashaev <arthur@khashaev.ru>  
Artyom Pervukhin <artyom.pervukhin@gmail.com>  
Arvinth Rajesh Tamilmani <art@a-30.net>  
Ashish Gandhi <ag@ashishgandhi.org>  
Asim Shankar <asimshankar@gmail.com>  
Assel Meher <asselmeher@gmail.com>  
Atin Malaviya <amalaviy@akamai.com>  
Ato Araki <ato.araki@gmail.com>  
Atsushi Toyama <atsushi.tohyama.160.333@gmail.com>  
Audrey Lim <audreylh@gmail.com>  
Audrius Butkevicius <audrius.butkevicius@gmail.com>

Augusto Roman <aroman@gmail.com>  
Aulus Egnatius Varialus <varialus@gmail.com>  
Aurlien Rainone <aurelien.rainone@gmail.com>  
Aurlio A. Heckert <aurium@gmail.com>  
Austin Clements <austin@google.com> <aclements@csail.mit.edu>  
Avi Flax <avi@timehop.com>  
Aviv Klasquin Komissar <avivklas@gmail.com>  
awaw fumin <awawfumin@gmail.com>  
Awn Umar <awn@cryptolosophy.io>  
Axel Wagner <axel.wagner.hh@googlemail.com>  
Ayan George <ayan@ayan.net>  
Ayanamist Yang <ayanamist@gmail.com>  
Ayke van Laethem <aykevanlaethem@gmail.com>  
Aymerick Jhanne <aymerick@jehanne.org>  
Ayzat Sadykov <ayzat.ziko.93@gmail.com>  
Azat Kaumov <kaumov.a.r@gmail.com>  
Baiju Muthukadan <baiju.m.mail@gmail.com>  
Balaram Makam <bmakam.qdt@qualcommdatacenter.com>  
Balazs Lecz <leczb@google.com>  
Baokun Lee <nototon@gmail.com>  
Barnaby Keene <accounts@southcla.ws>  
Bartosz Grzybowski <melkorm@gmail.com>  
Bartosz Oler <brtsz@google.com>  
Bastian Ike <bastian.ike@gmail.com>  
Ben Burkert <ben@benburkert.com>  
Ben Cartwright-Cox <Ben@Benjojo.co.uk>  
Ben Eitzen <eitzenb@golang.org>  
Ben Fried <ben.fried@gmail.com>  
Ben Haines <bhainesva@gmail.com>  
Ben Hoyt <benhoyt@gmail.com>  
Ben Kraft <benkraft@khanacademy.org>  
Ben Laurie <ben@links.org> <benl@google.com>  
Ben Lubar <ben.lubar@gmail.com>  
Ben Lynn <benlynn@gmail.com>  
Ben Olive <sionide21@gmail.com>  
Ben Schwartz <bemasc@google.com>  
Ben Shi <powerman1st@163.com>  
Ben Toews <mastahyeti@gmail.com>  
Benjamin Barenblat <bbaren@google.com>  
Benjamin Black <b@b3k.us>  
Benjamin Cable <cable.benjamin@gmail.com>  
Benjamin Hsieh <tanookiben@users.noreply.github.com>  
Benjamin Peterson <benjamin@python.org>  
Benjamin Prosnitz <bprosnitz@google.com>  
Benjamin Wester <bwester@squareup.com>  
Benjamin Wuethrich <benjamin.wuethrich@gmail.com>  
Benny Siegert <bsiegert@gmail.com>  
Benoit Sigoure <tsunanet@gmail.com>

Berengar Lehr <Berengar.Lehr@gmx.de>  
Berkant Ipek <41230766+0xbkt@users.noreply.github.com>  
Bharath Thiruveedula <tbharath91@gmail.com>  
Bhavin Gandhi <bhavin7392@gmail.com>  
Bill Neubauer <wcn@golang.org> <wcn@google.com> <bill.neubauer@gmail.com>  
Bill O'Farrell <billo@ca.ibm.com>  
Bill Prin <waprin@google.com>  
Bill Thiede <couchmoney@gmail.com>  
Bill Zissimopoulos <billziss@navimatics.com>  
Billie Harold Cleek <bhcleek@gmail.com>  
Billy Lynch <wlynch@google.com>  
Billy Zaelani Malik <m.billyzaelani@gmail.com>  
Bjrn Erik Pedersen <bjorn.erik.pedersen@gmail.com>  
Bjorn Tillenius <bjorn@tillenius.me>  
Bjorn Tipling <bjorn.tipling@gmail.com>  
Blain Smith <rebelgeek@blainsmith.com>  
Blake Gentry <blakesgentry@gmail.com>  
Blake Mesdag <blakemesdag@gmail.com>  
Blake Mizerany <blake.mizerany@gmail.com>  
Blixt <me@blixt.nyc>  
Bob Briski <rbriski@gmail.com>  
Bob McNaughton <bobmcn@gmail.com>  
Bob Potter <bobby.potter@gmail.com>  
Bobby DeSimone <bobbydesimone@gmail.com>  
Bobby Powers <bobbypowers@gmail.com>  
Boqin Qin <bobbqqin@gmail.com>  
Boris Nagaev <nagaev@google.com>  
Borja Clemente <borja.clemente@gmail.com>  
Boshi Lian <bolian@microsoft.com>  
Brad Burch <brad.burch@gmail.com>  
Brad Erickson <bderickson@gmail.com>  
Brad Fitzpatrick <bradfitz@golang.org> <bradfitz@gmail.com>  
Brad Garcia <bgarcia@golang.org>  
Brad Jones <rbjones@google.com>  
Brad Morgan <brad@morgabra.com>  
Brad Whitaker <bwhitaker@fastly.com>  
Braden Bassingthwaite <bbassingthwaite@vendasta.com>  
Bradford Lamson-Scribner <brad.lamson@gmail.com>  
Bradley Falzon <brad@teambrad.net>  
Brady Catherman <brady@gmail.com>  
Brady Sullivan <brady@bsull.com>  
Branden J. Brown <zephyrtronium@gmail.com>  
Brandon Bennett <bbennett@fb.com>  
Brandon Gilmore <varz@google.com>  
Brandon Philips <brandon@ifup.org>  
Brandon Ryan <bjryan19@gmail.com>  
Brave Cow <rsr715@gmail.com>  
Brayden Cloud <bcloud@google.com>

Brendan Daniel Tracey <tracey.brendan@gmail.com>  
Brendan O'Dea <bod@golang.org>  
Brett Cannon <bcannon@gmail.com>  
Brett Merrill <brett.j.merrill94@gmail.com>  
Brian Dellisanti <briandellisanti@gmail.com>  
Brian Downs <brian.downs@gmail.com>  
Brian Falk <falk@logicparty.org>  
Brian G. Merrell <bgmerrell@gmail.com>  
Brian Gitonga Marete <marete@toshnix.com> <bgmarete@gmail.com> <bgm@google.com>  
Brian Kennedy <btkenedy@gmail.com>  
Brian Kessler <brian.m.kessler@gmail.com>  
Brian Ketelsen <bketelsen@gmail.com>  
Brian Slesinsky <skybrian@google.com>  
Brian Smith <ohohvi@gmail.com>  
Brian Starke <brian.starke@gmail.com>  
Bryan Alexander <Kozical@msn.com>  
Bryan Boreham <bjboreham@gmail.com>  
Bryan C. Mills <bcmills@google.com>  
Bryan Chan <bryan.chan@ca.ibm.com>  
Bryan Ford <brynosaurus@gmail.com>  
Bryan Heden <b.heden@gmail.com>  
Bulat Gaifullin <gaifullinbf@gmail.com>  
Burak Guven <bguven@gmail.com>  
Caine Tighe <arctanofyourface@gmail.com>  
Caio Marcelo de Oliveira Filho <caio.oliveira@intel.com>  
Caleb Martinez <accounts@calebmartinez.com>  
Caleb Spare <cespare@gmail.com>  
Carl Chatfield <carlchatfield@gmail.com>  
Carl Henrik Lunde <chlunde@ifi.uio.no>  
Carl Jackson <carl@stripe.com>  
Carl Johnson <me@carlmjohnson.net>  
Carl Mastrangelo <notcarl@google.com>  
Carl Shapiro <cshapiro@google.com> <cshapiro@golang.org>  
Carlisia Campos <carlisia@grokkingtech.io>  
Carlo Alberto Ferraris <cafxx@strayorange.com>  
Carlos Alexandro Becker <caarlos0@gmail.com>  
Carlos Amedee <carlos@golang.org>  
Carlos Castillo <cookieo9@gmail.com>  
Carlos Cirello <uldericofilho@gmail.com>  
Carlos Eduardo <me@carlosedp.com>  
Carlos Eduardo Seo <cseo@linux.vnet.ibm.com>  
Carlos Iriarte <ciriarte@gmail.com>  
Carlos Souza <carloshrsouza@gmail.com>  
Carolyn Van Slyck <me@carolynvanslyck.com>  
Carrie Bynon <cbynon@gmail.com>  
Cary Hull <chull@google.com>  
Case Nelson <case.nelson@gmail.com>  
Casey Callendrello <squeed@gmail.com>

Casey Marshall <casey.marshall@gmail.com>  
Catalin Nicutar <cnicutar@google.com>  
Catalin Patulea <catalinp@google.com>  
Cathal O'Callaghan <cathalsocallaghan@gmail.com>  
Cedric Staub <cs@squareup.com>  
Cezar S Espinola <cezarsa@gmail.com>  
Chad Rosier <mrosier.qdt@qualcommdatacenter.com>  
ChaiShushan <chaishushan@gmail.com>  
Changkun Ou <hi@changkun.us>  
Channing Kimble-Brown <channing@golang.org>  
Chao Xu <xuchao@google.com>  
Charles Fenwick Elliott <Charles@FenwickElliott.io>  
Charles Kenney <charlesc.kenney@gmail.com>  
Charles L. Dorian <cldorian@gmail.com>  
Charles Lee <zombie.fml@gmail.com>  
Charles Weill <weill@google.com>  
Charlotte Brandhorst-Satzkorn <catzkorn@gmail.com>  
Chauncy Cullitan <chauncyc@google.com>  
Chen Zhidong <njutczd@gmail.com>  
Chen Zhihan <energiehund@gmail.com>  
Cherry Zhang <cherryyz@google.com>  
Chew Choon Keat <choonkeat@gmail.com>  
Chiawen Chen <golopot@gmail.com>  
Chirag Sukhala <cchirag77@gmail.com>  
Cholerae Hu <choleraehyq@gmail.com>  
Chotepud Teo <AlexRouSg@users.noreply.github.com>  
Chris Ball <chris@printf.net>  
Chris Biscardi <chris@christopherbiscardi.com>  
Chris Broadfoot <cbro@golang.org>  
Chris Dollin <ehog.hedge@gmail.com>  
Chris Farmiloe <chrisfarms@gmail.com>  
Chris Hines <chris.cs.guy@gmail.com>  
Chris Howey <howeyc@gmail.com>  
Chris Hundt <hundt@google.com>  
Chris Jones <chris@cjones.org> <chris.jones.yar@gmail.com>  
Chris Kastorff <encryptio@gmail.com>  
Chris Le Roy <brompwnie@users.noreply.github.com>  
Chris Lennert <calennert@gmail.com>  
Chris Liles <caveryliles@gmail.com>  
Chris Manghane <cmang@golang.org>  
Chris Marchesi <chrism@vanclueverttech.com>  
Chris McGee <sirnewton\_01@yahoo.ca> <newton688@gmail.com>  
Chris Raynor <raynor@google.com>  
Chris Roche <rodaine@gmail.com>  
Chris Smith <chrsmith@users.noreply.github.com>  
Chris Stockton <chrisstocktonaz@gmail.com>  
Chris Taylor <taylorza@gmail.com>  
Chris Waldon <christopher.waldon.dev@gmail.com>

Chris Zou <chriszou@ca.ibm.com>  
Christian Alexander <christian@linux.com>  
Christian Couder <chriscool@tuxfamily.org>  
Christian Himpel <chressie@googlemail.com> <chressie@gmail.com>  
Christian Muehlhaeuser <muesli@gmail.com>  
Christian Pellegrin <chri@evolware.org>  
Christian R. Petrin <christianpetrin@gmail.com>  
Christian Svensson <blue@cmd.nu>  
Christine Hansmann <chhansmann@gmail.com>  
Christoffer Buchholz <christoffer.buchholz@gmail.com>  
Christoph Blecker <admin@toph.ca>  
Christoph Hack <christoph@tux21b.org>  
Christopher Cahoon <chris.cahoon@gmail.com>  
Christopher Guiney <chris@guiney.net>  
Christopher Henderson <chris@chenderson.org>  
Christopher Hlubek <christopher.hlubek@networkteam.com>  
Christopher Koch <chrisko@google.com>  
Christopher Loessl <cloessl+github@gmail.com>  
Christopher Nelson <nadiasvertex@gmail.com>  
Christopher Nielsen <m4dh4tt3r@gmail.com>  
Christopher Redden <christopher.redden@gmail.com>  
Christopher Swenson <cswenson@google.com>  
Christopher Wedgwood <cw@f00f.org>  
Christos Zoulas <christos@zoulas.com> <zoulasc@gmail.com>  
Christy Perez <christy@linux.vnet.ibm.com>  
CL Sung <clsung@gmail.com> <cl\_sung@htc.com>  
Clment Chigot <clement.chigot@atos.net>  
Clement Skau <clementskau@gmail.com>  
Clint J. Edwards <clint.j.edwards@gmail.com>  
Cody Oss <the.cody.oss@gmail.com>  
Colby Ranger <cranger@google.com>  
Colin Arnott <colin@urandom.co.uk>  
Colin Cross <ccross@android.com>  
Colin Edwards <colin@recursivepenguin.com>  
Colin Kennedy <moshen.colin@gmail.com>  
Colin Nelson <colnnelson@google.com>  
Colin Rice <clr@google.com>  
Conrad Irwin <conrad.irwin@gmail.com>  
Conrad Meyer <cemeyer@cs.washington.edu>  
Conrado Gouvea <conradopl@gmail.com>  
Constantin Konstantinidis <constantinkonstantinidis@gmail.com>  
Corey Thomasson <cthom.lists@gmail.com>  
Corne van der Plas <vdplas@gmail.com>  
Cosmos Nicolaou <cnicolaou@google.com>  
Costin Chirvasuta <ctin@google.com>  
Craig Citro <craigcitro@google.com>  
Cristian Staretu <unclejacksons@gmail.com>  
Cuihtlauac ALVARADO <cuihtlauac.alvarado@orange.com>



Cuong Manh Le <cuong@orijtech.com>  
Curtis La Graff <curtis@lagraff.me>  
Cyrill Schumacher <cyrill@schumacher.fm>  
Dai Jie <gzdaijie@gmail.com>  
Daisuke Fujita <dtanshi45@gmail.com>  
Daisuke Suzuki <daisuzu@gmail.com>  
Daker Fernandes Pinheiro <daker.fernandes.pinheiro@intel.com>  
Damian Gryski <dgryski@gmail.com>  
Damien Lespiau <damien.lespiau@gmail.com> <damien.lespiau@intel.com>  
Damien Mathieu <42@dmathieu.com>  
Damien Neil <dneil@google.com>  
Damien Tournoud <damien@platform.sh>  
Dan Ballard <dan@mindstab.net>  
Dan Caddigan <goldcaddy77@gmail.com>  
Dan Callahan <dan.callahan@gmail.com>  
Dan Harrington <harringtond@google.com>  
Dan Jacques <dnj@google.com>  
Dan Johnson <computerdruid@google.com>  
Dan Peterson <dpiddy@gmail.com>  
Dan Pupius <dan@medium.com>  
Dan Scales <danscales@google.com>  
Dan Sinclair <dan.sinclair@gmail.com>  
Daniel Cohen <dcohen@gatech.edu>  
Daniel Cormier <danielc@knowbe4.com>  
Danil de Kok <me@danieldk.eu>  
Daniel Fleischman <danielfleischman@gmail.com>  
Daniel Ingram <ingramds@appstate.edu>  
Daniel Johansson <dajo2002@gmail.com>  
Daniel Kerwin <d.kerwin@gini.net>  
Daniel Kessler <dkess@google.com>  
Daniel Krech <eikeon@eikeon.com>  
Daniel Kumor <rdkumor@gmail.com>  
Daniel Langner <s8572327@gmail.com>  
Daniel Lidn <daniel.liden.87@gmail.com>  
Daniel Lublin <daniel@lublin.se>  
Daniel Mangum <georgedanielmangum@gmail.com>  
Daniel Mart <mvdan@mvdan.cc>  
Daniel McCarney <cpu@letsencrypt.org>  
Daniel Morsing <daniel.morsing@gmail.com>  
Daniel Nadasi <dnadasi@google.com>  
Daniel Nephin <dnephin@gmail.com>  
Daniel Ortiz Pereira da Silva <daniel.particular@gmail.com>  
Daniel S. Fava <danielsfava@gmail.com>  
Daniel Skinner <daniel@dasa.cc>  
Daniel Speichert <daniel@speichert.pl>  
Daniel Theophanes <kardianos@gmail.com>  
Daniel Upton <daniel@floppy.co>  
Daniela Petruzalek <daniela.petruzalek@gmail.com>

Danish Dua <danishdua@google.com>  
Danish Prakash <grafitykoncept@gmail.com>  
Danny Rosseau <daniel.rosseau@gmail.com>  
Daria Kolistratova <daria.kolistratova@intel.com>  
Darien Raymond <admin@v2ray.com>  
Darren Elwood <darren@textnode.com>  
Darren Grant <darren.e.grant@gmail.com>  
Darren McCleary <darren.rmc@gmail.com>  
Darshan Parajuli <parajulidarshan@gmail.com>  
Datong Sun <dndx@idndx.com>  
Dave Borowitz <dborowitz@google.com>  
Dave Bort <dbort@golang.org>  
Dave Cheney <dave@cheney.net>  
Dave Day <djd@golang.org>  
Dave Grijalva <dgrijalva@ngmoco.com>  
Dave MacFarlane <driusan@gmail.com>  
Dave Pifke <dave@pifke.org>  
Dave Russell <forfuncsake@gmail.com>  
David Anderson <danderson@google.com>  
David Barnett <dbarnett@google.com>  
David Benjamin <davidben@google.com>  
David Bond <davidsbond93@gmail.com>  
David Brophy <dave@brophy.uk>  
David Brgin <676c7473@gmail.com>  
David Calavera <david.calavera@gmail.com>  
David Carlier <devn xen@gmail.com>  
David Carter <fresco.raja@gmail.com>  
David Chase <drchase@google.com>  
David Covert <davidhcovert@gmail.com>  
David Crawshaw <david.crawshaw@zentus.com> <crawshaw@google.com> <crawshaw@golang.org>  
David du Colombier <0intro@gmail.com>  
David Finkel <david.finkel@gmail.com>  
David Forsythe <dforsythe@gmail.com>  
David G. Andersen <dave.andersen@gmail.com>  
David Glasser <glasser@meteor.com>  
David Golden <david@autopragmatic.com>  
David Heuschmann <heuschmann.d@gmail.com>  
David Howden <dhowden@gmail.com>  
David Hubbard <dsp@google.com>  
David Jakob Fritz <david.jakob.fritz@gmail.com>  
David Jones <dxjones@gmail.com>  
David Lazar <lazard@golang.org>  
David Leon Gil <coruus@gmail.com>  
David McLeish <davemc@google.com>  
David Ndungu <dnjuguna@gmail.com>  
David NewHamlet <david@newhamlet.com>  
David Presotto <presotto@gmail.com>  
David Qu <davidqu12345@gmail.com>

David R. Jenni <david.r.jenni@gmail.com>  
David Sansome <me@davidsansome.com>  
David Stainton <dstainton415@gmail.com>  
David Symonds <dsymonds@golang.org>  
David Thomas <davidthomas426@gmail.com>  
David Timm <dtimm@pivotal.io>  
David Titarenco <david.titarenco@gmail.com>  
David Tolpin <david.tolpin@gmail.com>  
David Url <david@url.io>  
David Volquartz Lebech <david@lebech.info>  
David Wimmer <davidlwimmer@gmail.com>  
Davies Liu <davies.liu@gmail.com>  
Davor Kapsa <davor.kapsa@gmail.com>  
Dean Eigenmann <7621705+decanus@users.noreply.github.com>  
Dean Prichard <dean.prichard@gmail.com>  
Deepak Jois <deepak.jois@gmail.com>  
Denis Bernard <db047h@gmail.com>  
Denis Brandolini <denis.brandolini@gmail.com>  
Denis Isaev <idenx@yandex.com>  
Denis Nagorny <denis.nagorny@intel.com>  
Dennis Kuhnert <mail.kuhnert@gmail.com>  
Denys Honsiorovskyi <honsiorovskyi@gmail.com>  
Denys Smirnov <denis.smirnov.91@gmail.com>  
Derek Buitenhuis <derek.buitenhuis@gmail.com>  
Derek Che <drc@yahoo-inc.com>  
Derek McGowan <derek@mcgstyle.net>  
Derek Parker <parkerderek86@gmail.com>  
Derek Phan <derekphan94@gmail.com>  
Derek Shockey <derek.shockey@gmail.com>  
Dev Ojha <dojha12@gmail.com>  
Dev Zhoujun <dev.zhoujun@gmail.com>  
Devon H. O'Dell <devon.odell@gmail.com>  
Dhaivat Pandit <dhaivatpandit@gmail.com>  
Dhananjay Nakrani <dhananjayn@google.com>  
Dhiru Kholia <dhiru.kholia@gmail.com>  
Dhruvdudd Jadhav <dhruvdudd.jadhav@gmail.com>  
Di Xiao <dixiao@google.com>  
Didier Spezia <didier.06@gmail.com>  
Diego Siqueira <diego9889@gmail.com>  
Dieter Plaetinck <dieter@raintank.io>  
Dimitri Sokolyuk <sokolyuk@gmail.com>  
Dimitri Tcaciuc <dtcaciuc@gmail.com>  
Dina Garmash <dgrmsh@gmail.com>  
Diogo Pinela <diogoid7400@gmail.com>  
Dirk Gadsden <dirk@esherido.com>  
Diwaker Gupta <diwakergupta@gmail.com>  
Dmitri Goutnik <dgoutnik@gmail.com>  
Dmitri Popov <operator@cv.dp-net.com>

Dmitri Shuralyov <dmitshur@golang.org> <dmitri@shuralyov.com>  
Dmitrii Okunev <xaionaro@gmail.com>  
Dmitriy Cherchenko <dcherchenko@gmail.com>  
Dmitriy Dudkin <dudkin.dmitriy@gmail.com>  
Dmitriy Shelenin <deemok@googlemail.com> <deemok@gmail.com>  
Dmitriy Vyukov <dvyukov@google.com>  
Dmitry Chestnykh <dchest@gmail.com>  
Dmitry Doroginin <doroginin@gmail.com>  
Dmitry Mottl <dmitry.mottl@gmail.com>  
Dmitry Neverov <dmitry.neverov@gmail.com>  
Dmitry Savintsev <dsavints@gmail.com>  
Dmitry Yakunin <nonamezeil@gmail.com>  
Doga Fincan <doga@icloud.com>  
Domas Tamauskas <puerdomus@gmail.com>  
Domen Ipavec <domen@ipavec.net>  
Dominic Della Valle <ddvpublic@Gmail.com>  
Dominic Green <dominicgreen1@gmail.com>  
Dominik Honnef <dominik.honnef@gmail.com>  
Dominik Vogt <vogt@linux.vnet.ibm.com>  
Don Byington <don@dbyington.com>  
Donald Huang <don.hcd@gmail.com>  
Dong-hee Na <donghee.na92@gmail.com>  
Donovan Hide <donovanhide@gmail.com>  
Doug Anderson <douga@google.com>  
Doug Fawley <dfawley@google.com>  
Douglas Danger Manley <doug.manley@gmail.com>  
Drew Flower <drewvanstone@gmail.com>  
Drew Hintz <adhintz@google.com>  
Duco van Amstel <duco.vanamstel@gmail.com>  
Duncan Holm <mail@frou.org>  
Dustin Carlino <dcarlino@google.com>  
Dustin Herbison <djherbis@gmail.com>  
Dustin Long <dustmop@gmail.com>  
Dustin Sallings <dsallings@gmail.com>  
Dustin Shields-Cloues <dcloues@gmail.com>  
Dvir Volk <dvir@everything.me> <dvirsky@gmail.com>  
Dylan Waits <dylan@waits.io>  
Ed Schouten <ed@nuxi.nl>  
Edan Bedrik <3d4nb3@gmail.com>  
Eddie Scholtz <escholtz@google.com>  
Eden Li <eden.li@gmail.com>  
Eduard Urbach <e.urbach@gmail.com>  
Eduardo Ramalho <eduardo.ramalho@gmail.com>  
Eduardo Villaseor <evillasrmx@gmail.com>  
Edward Muller <edwardam@interlix.com>  
Egon Elbre <egonelbre@gmail.com>  
Ehren Kret <ehren.kret@gmail.com>  
Eitan Adler <lists@eitanadler.com>

Eivind Uggedal <eivind@uggedal.com>  
Elbert Fliek <efliek@gmail.com>  
Eldar Rakhimberdin <ibeono@gmail.com>  
Elena Grahovac <elena@grahovac.me>  
Eli Bendersky <eliben@google.com>  
Elias Naur <mail@eliasnaur.com> <elias.naur@gmail.com>  
Elliot Morrison-Reed <elliottmr@gmail.com>  
Ellison Leao <ellisonleao@gmail.com>  
Emerson Lin <linyintor@gmail.com>  
Emil Bektimirov <lefelys@gmail.com>  
Emil Hessman <emil@hessman.se>  
Emil Mursalimov <mursalimovemeel@gmail.com>  
Emilien Kenler <hello@emilienkenler.com>  
Emmanuel Odeke <emm.odeke@gmail.com> <odeke@ualberta.ca>  
Emreacan Bati <emreacanbati@gmail.com>  
Eno Compton <enocom@google.com>  
Eoghan Sherry <ejsherry@gmail.com>  
Eric Biggers <ebiggers@google.com>  
Eric Brown <browne@vmware.com>  
Eric Chiang <eric.chiang.m@gmail.com>  
Eric Clark <zerohp@gmail.com>  
Eric Daniels <eric@erdaniels.com>  
Eric Engestrom <eric@engestrom.ch>  
Eric Garrido <ekg@google.com>  
Eric Koleda <ekoleda+devrel@google.com>  
Eric Lagergren <ericscottlagergren@gmail.com>  
Eric Milliken <emilliken@gmail.com>  
Eric Pauley <eric@pauley.me>  
Eric Ponce <tricokun@gmail.com>  
Eric Rescorla <ekr@rtfm.com>  
Eric Roshan-Eisner <eric.d.eisner@gmail.com>  
Eric Rutherford <erutherford@gmail.com>  
Eric Rykwalder <e.rykwalder@gmail.com>  
Erick Tryzelaar <etryzelaar@google.com>  
Erik Aigner <aigner.erik@gmail.com>  
Erik Dubbelboer <erik@dubbelboer.com>  
Erik St. Martin <alakriti@gmail.com>  
Erik Staab <estaab@google.com>  
Erik Westrup <erik.westrup@gmail.com>  
Erin Masatsugu <erin.masatsugu@gmail.com>  
Ernest Chiang <ernest\_chiang@htc.com>  
Erwin Oegema <blablaechthema@hotmail.com>  
Esko Luontola <esko.luontola@gmail.com>  
Ethan Burns <eaburns@google.com>  
Ethan Miller <eamiller@us.ibm.com>  
Euan Kemp <euank@euank.com>  
Eugene Formanenko <mo4islona@gmail.com>  
Eugene Kalinin <e.v.kalinin@gmail.com>

Evan Broder <evan@stripe.com>  
Evan Brown <evanbrown@google.com>  
Evan Digby <evandigby@gmail.com>  
Evan Hicks <evan.hicks2@gmail.com>  
Evan Jones <ej@evanjones.ca>  
Evan Klitzke <evan@eklitzke.org>  
Evan Kroske <evankroske@google.com>  
Evan Martin <evan.martin@gmail.com>  
Evan Phoenix <evan@phx.io>  
Evan Shaw <chickencha@gmail.com>  
Evgeniy Kulikov <tuxuls@gmail.com>  
Evgeniy Polyakov <zbr@iorem.net>  
Ewan Chou <coocood@gmail.com>  
Ewan Valentine <ewan.valentine89@gmail.com>  
Eyal Posener <posener@gmail.com>  
Fabian Wickborn <fabian@wickborn.net>  
Fabian Zaremba <fabian@youreemail.eu>  
Fabrizio Milo <mistobaan@gmail.com>  
Faiyaz Ahmed <ahmedf@vmware.com>  
Fan Hongjian <fan.howard@gmail.com>  
Fangming Fang <fangming.fang@arm.com>  
Fannie Zhang <fannie.zhang@arm.com>  
Fatih Arslan <fatih@arslan.io>  
Fazal Majid <majid@apsalar.com>  
Fazlul Shahriar <fshahriar@gmail.com>  
Federico Bond <federicobond@gmail.com>  
Federico Guerinoni <guerinoni.federico@gmail.com>  
Federico Simoncelli <fsimonce@redhat.com>  
Fedor Indutny <fedor@indutny.com>  
Fedor Korotkiy <dartslon@gmail.com>  
Felipe Oliveira <felipeweb.programador@gmail.com>  
Felix Bnemann <Felix.Buenemann@gmail.com>  
Felix Cornelius <9767036+fcornelius@users.noreply.github.com>  
Felix Geisendrfer <haimuiba@gmail.com>  
Felix Kollmann <fk@konsorten.de>  
Ferenc Szabo <frncmx@gmail.com>  
Filip Gruszczyski <gruszczyski@gmail.com>  
Filip Haglund <drathier@users.noreply.github.com>  
Filip Stanis <fstanis@google.com>  
Filippo Valsorda <filippo@golang.org> <filippo@cloudflare.com> <hi@filippo.io>  
Firmansyah Adiputra <frm.adiputra@gmail.com>  
Florian Forster <octo@google.com>  
Florian Uekermann <florian@uekermann-online.de> <fl@uekermann-online.de>  
Florian Weimer <fw@deneb.enyo.de>  
Florin Patan <florinpatan@gmail.com>  
Folke Behrens <folke@google.com>  
Ford Hurley <ford.hurley@gmail.com>  
Francesc Campoy <campoy@golang.org>

Francesco Guardiani <francescoguard@gmail.com>  
Francesco Renzi <rentziass@gmail.com>  
Francisco Claude <fclaude@recoded.cl>  
Francisco Rojas <francisco.rojas.gallegos@gmail.com>  
Francisco Souza <franciscossouza@gmail.com>  
Frank Schroeder <frank.schroeder@gmail.com>  
Frank Somers <fsomers@arista.com>  
Frederic Guillot <frederic.guillot@gmail.com>  
Frederick Kelly Mayle III <frederickmayle@gmail.com>  
Frederik Ring <frederik.ring@gmail.com>  
Frederik Zipp <fzipp@gmx.de>  
Fredrik Enestad <fredrik.enestad@soundtrackyourbrand.com>  
Fredrik Forsmo <fredrik.forsmo@gmail.com>  
Fredrik Wallgren <fredrik.wallgren@gmail.com>  
Frew Schmidt <github@frew.co>  
Frithjof Schulze <schulze@math.uni-hannover.de> <sfrithjof@gmail.com>  
Frits van Bommel <fvbommel@gmail.com>  
Fujimoto Kyosuke <kyoro.f@gmail.com>  
Fumitoshi Ukai <ukai@google.com>  
G. Hussain Chinoy <ghchinoy@gmail.com>  
Gaal Yahas <gaal@google.com>  
Gabrel Arthr Ptursson <gabriel@system.is>  
Gabriel Aszalos <gabriel.aszalos@gmail.com>  
Gabriel Guzman <gabe.guzman@gmail.com>  
Gabriel Nelle <tehsphinx@web.de>  
Gabriel Nicolas Avellaneda <avellaneda.gabriel@gmail.com>  
Gabriel Rosenhouse <rosenhouse@gmail.com>  
Gabriel Russell <gabriel.russell@gmail.com>  
Gareth Paul Jones <gpj@foursquare.com>  
Garret Kelly <gdk@google.com>  
Garrick Evans <garrick@google.com>  
Garry McNulty <garrmcnu@gmail.com>  
Gary Burd <gary@beagledreams.com> <gary.burd@gmail.com>  
Gary Elliott <garyelliott@google.com>  
Gaurav Singh <gaurav1086@gmail.com>  
Gaurish Sharma <contact@gaurishsharma.com>  
Gautham Thambidorai <gautham.dorai@gmail.com>  
Gauthier Jolly <gauthier.jolly@gmail.com>  
Gawen Arab <gawen.arab@c.zen.ly>  
Geert-Johan Riemer <gjr19912@gmail.com>  
Genevieve Luyt <genevieve.luyt@gmail.com>  
Gengliang Wang <ltnwgl@gmail.com>  
Geoff Berry <gberry.qdt@qualcommdatacenter.com>  
Geoffroy Lorieux <lorieux.g@gmail.com>  
Geon Kim <geon0250@gmail.com>  
Georg Reinke <guelfey@gmail.com>  
George Gkirtsou <ggirtsou@gmail.com>  
George Hartzell <hartzell@alerce.com>

George Shammass <george@shamm.as> <georgyo@gmail.com>  
George Tsilias <tsiliasg@gmail.com>  
Gerasimos (Makis) Maropoulos <kataras2006@hotmail.com>  
Gerasimos Dimitriadis <gedimitr@gmail.com>  
Gergely Brautigam <skarlso777@gmail.com>  
Gernot Vormayr <gvormayr@gmail.com>  
Gert Cuykens <gert.cuykens@gmail.com>  
Getulio Snchez <valentin2507@gmail.com>  
Ghazni Nattarshah <ghazni.nattarshah@gmail.com>  
Gianguido Sora` <g.sora4@gmail.com>  
Gideon Jan-Wessel Redelinghuys <gjredelinghuys@gmail.com>  
Giles Lean <giles.lean@pobox.com>  
Giovanni Bajo <rasky@develer.com>  
GitHub User @aca (50316549) <acadx0@gmail.com>  
GitHub User @ajnrp (1688456) <ajnrp@users.noreply.github.com>  
GitHub User @ajz01 (4744634) <ajzdenek@gmail.com>  
GitHub User @alkesh26 (1019076) <alkesh26@gmail.com>  
GitHub User @andig (184815) <cpuidle@gmx.de>  
GitHub User @andrius4669 (4699695) <andrius4669@gmail.com>  
GitHub User @as (8127015) <as.utf8@gmail.com>  
GitHub User @bakape (7851952) <bakape@gmail.com>  
GitHub User @bgadrian (830001) <aditza8@gmail.com>  
GitHub User @bontequero (2674999) <bontequero@gmail.com>  
GitHub User @cch123 (384546) <buaa.cch@gmail.com>  
GitHub User @chainhelen (7046329) <chainhelen@gmail.com>  
GitHub User @chanxuehong (3416908) <chanxuehong@gmail.com>  
GitHub User @cncal (23520240) <flycalvin@qq.com>  
GitHub User @DQNEO (188741) <dqneo@gmail.com>  
GitHub User @Dreamacro (8615343) <chuainian@gmail.com>  
GitHub User @dupoxy (1143957) <dupoxy@users.noreply.github.com>  
GitHub User @erifan (31343225) <eric.fang@arm.com>  
GitHub User @esell (9735165) <eujon.sellers@gmail.com>  
GitHub User @fatedier (7346661) <fatedier@gmail.com>  
GitHub User @frenkie (6499251) <mail@rhab.de>  
GitHub User @geedchin (11672310) <geedchin@gmail.com>  
GitHub User @GrigoriyMikhalkin (3637857) <grigoriymikhalkin@gmail.com>  
GitHub User @hengwu0 (41297446) <41297446+hengwu0@users.noreply.github.com>  
GitHub User @hitzhangjie (3725760) <hit.zhangjie@gmail.com>  
GitHub User @itchyny (375258) <itchyny@hatena.ne.jp>  
GitHub User @jinmiaoluo (39730824) <jinmiaoluo@icloud.com>  
GitHub User @jopbrown (6345470) <msshane2008@gmail.com>  
GitHub User @kazysshr (30496953) <kazysshr0301@gmail.com>  
GitHub User @kc1212 (1093806) <kc1212@users.noreply.github.com>  
GitHub User @Kropekk (13366453) <kamilkropiewnicki@gmail.com>  
GitHub User @linguohua (3434367) <lghchinaidea@gmail.com>  
GitHub User @LotusFenn (13775899) <fenn.lotus@gmail.com>  
GitHub User @ly303550688 (11519839) <yang.liu636@gmail.com>  
GitHub User @madiganz (18340029) <zacharywmadigan@gmail.com>



GitHub User @maltalex (10195391) <code@bit48.net>  
GitHub User @markruler (38225900) <csu0414@gmail.com>  
GitHub User @Matt966 (28551465) <Matt966@users.noreply.github.com>  
GitHub User @micnncim (21333876) <micnncim@gmail.com>  
GitHub User @mkishere (224617) <224617+mkishere@users.noreply.github.com>  
GitHub User @nu50218 (40682920) <nu\_ll@icloud.com>  
GitHub User @OlgaVIPetrova (44112727) <OVPpetrova@gmail.com>  
GitHub User @pityonline (438222) <pityonline@gmail.com>  
GitHub User @po3rin (29445112) <abctail30@gmail.com>  
GitHub User @pokutuna (57545) <popopopokutuna@gmail.com>  
GitHub User @pytimer (17105586) <lixin20101023@gmail.com>  
GitHub User @ramenjuniti (32011829) <ramenjuniti@gmail.com>  
GitHub User @saitarunreddy (21041941) <saitarunreddypalla@gmail.com>  
GitHub User @shogo-ma (9860598) <Choroma194@gmail.com>  
GitHub User @skanehira (7888591) <sho19921005@gmail.com>  
GitHub User @soolaugust (10558124) <soolaugust@gmail.com>  
GitHub User @surechen (7249331) <surechen17@gmail.com>  
GitHub User @tatumack (4510569) <tatsu.mack@gmail.com>  
GitHub User @tell-k (26263) <ffk2005@gmail.com>  
GitHub User @tennashi (10219626) <tennashio@gmail.com>  
GitHub User @uhei (2116845) <uhei@users.noreply.github.com>  
GitHub User @uropek (39370426) <uropek@gmail.com>  
GitHub User @utkarsh-extc (53217283) <utkarsh.extc@gmail.com>  
GitHub User @witchard (4994659) <witchard@hotmail.co.uk>  
GitHub User @yah01 (12216890) <kagaminehuan@gmail.com>  
GitHub User @yuanhh (1298735) <yuan415030@gmail.com>  
GitHub User @zikaeroh (48577114) <zikaeroh@gmail.com>  
GitHub User @ZZMarquis (7624583) <zhonglingjian3821@163.com>  
Giulio Iotti <dullgiulio@gmail.com>  
Giulio Micheloni <giulio.micheloni@gmail.com>  
Giuseppe Valente <gvalente@arista.com>  
Gleb Stepanov <glebstepanov1992@gmail.com>  
Glenn Brown <glennb@google.com>  
Glenn Lewis <gmlewis@google.com>  
Gordon Klaus <gordon.klaus@gmail.com>  
Gordon Tyler <gordon@doxxx.net>  
Graham King <graham4king@gmail.com>  
Graham Miller <graham.miller@gmail.com>  
Grant Griffiths <ggp493@gmail.com>  
Green Lightning <GreenLightning.git@googlemail.com>  
Greg Poirier <greg.istehbest@gmail.com>  
Greg Steuck <gnezdo+github@google.com>  
Greg Thelen <gthelen@google.com>  
Greg Ward <greg@gerg.ca>  
Grgoire Delattre <gregoire.delattre@gmail.com>  
Gregory Man <man.gregory@gmail.com>  
Gregory Petrosyan <gregory.petrosyan@gmail.com>  
Guilherme Caruso <gui.martinscaruso@gmail.com>

Guilherme Garnier <guilherme.garnier@gmail.com>  
Guilherme Goncalves <guilhermeaugustosg@gmail.com>  
Guilherme Rezende <guilhermebr@gmail.com>  
Guillaume J. Charmes <guillaume@charmes.net>  
Guillaume Sottas <guillaumesottas@gmail.com>  
Gnther Noack <gnoack@google.com>  
Guobiao Mei <meiguobiao@gmail.com>  
Guoliang Wang <iamwgliang@gmail.com>  
Gustav Paul <gustav.paul@gmail.com>  
Gustav Westling <gustav@westling.xyz>  
Gustavo Franco <gustavorfranco@gmail.com>  
Gustavo Niemeyer <gustavo@niemeyer.net> <n13m3y3r@gmail.com>  
Gwenael Treguier <gwenn.kahz@gmail.com>  
Gyu-Ho Lee <gyuhox@gmail.com>  
H. brahim Gngr <igungor@gmail.com>  
Hajime Hoshi <hajimehoshi@gmail.com>  
Hallgrimur Gunnarsson <halg@google.com>  
HAMANO Tsukasa <hamano@osstech.co.jp>  
Han-Wen Nienhuys <hanwen@google.com>  
Hang Qian <hangqian90@gmail.com>  
Hanjun Kim <hallazzang@gmail.com>  
Hanlin Shi <shihanlin9@gmail.com>  
Haoran Luo <haoran.luo@chaitin.com>  
Haosdent Huang <haosdent@gmail.com>  
Harald Nordgren <haraldnordgren@gmail.com>  
Hari haran <hariharan.uno@gmail.com>  
Hariharan Srinath <srinathh@gmail.com>  
Harley Laue <losinggeneration@gmail.com>  
Harry Moreno <morenoh149@gmail.com>  
Harshavardhana <hrshvardhana@gmail.com>  
Hasan Ozgan <hasan@ozgan.net>  
Hasit Bhatt <hasit.p.bhatt@gmail.com>  
Hauke Lffler <hloeffler@users.noreply.github.com>  
Hvard Haugen <havard.haugen@gmail.com>  
He Liu <liulonnie@gmail.com>  
Hector Chu <hectorchu@gmail.com>  
Hector Martin Cantero <hector@marcansoft.com>  
Hein Khant Zaw <heinkhantzaw1@gmail.com>  
Henning Schmiedehausen <henning@schmiedehausen.org>  
Henrik Edwards <henrik.edwards@gmail.com>  
Henrik Hodne <henrik@hodne.io>  
Henrique Vicente <henriquevicente@gmail.com>  
Henry Adi Sumarto <henry.adisumarto@gmail.com>  
Henry Bubert <google@mindeco.de>  
Henry Chang <mr.changyuheng@gmail.com>  
Henry Clifford <h.a.clifford@gmail.com>  
Henry Wong <liushuai.wang@elastic.co>  
Herbert Georg Fischer <herbert.fischer@gmail.com>

Herbie Ong <herbie@google.com>  
Heschi Kreinick <heschi@google.com>  
Hidetatsu Yaginuma <ygnmhdt@gmail.com>  
Hilko Bengen <bengen@hilluzination.de>  
Hiroaki Nakamura <hnakamur@gmail.com>  
Hiromichi Ema <ema.hiro@gmail.com>  
Hironao OTSUBO <motemen@gmail.com>  
Hiroshi Ioka <hirochachacha@gmail.com>  
Hitoshi Mitake <mitake.hitoshi@gmail.com>  
Holden Huang <ttyh061@gmail.com>  
Songlin Jiang <hollowman@hollowman.ml>  
Hong Ruiqi <hongruiqi@gmail.com>  
Hongfei Tan <feilengcui008@gmail.com>  
Horacio Duran <horacio.duran@gmail.com>  
Horst Rutter <hhrutter@gmail.com>  
Hossein Sheikh Attar <hattar@google.com>  
Howard Zhang <howard.zhang@arm.com>  
Hsin Tsao <tsao@google.com>  
Hsin-Ho Yeh <yhh92u@gmail.com>  
Hu Keping <hukeping@huawei.com>  
Huan Du <i@huandu.me>  
Hugues Bruant <hugues.bruant@gmail.com>  
Huy Le <huy.dinh.le.89@gmail.com>  
Hyang-Ah Hana Kim <hakim@google.com> <hyangah@gmail.com>  
Hyoyoung Chang <hyoyoung@gmail.com>  
Ian Cottrell <iancottrell@google.com>  
Ian Davis <nospam@iandavis.com>  
Ian Gudger <ian@loosescre.ws>  
Ian Haken <ihaken@netflix.com>  
Ian Kent <iankent85@gmail.com>  
Ian Lance Taylor <iant@golang.org>  
Ian Leue <ian@appboy.com>  
Ian Tay <iantay@google.com>  
Ian Zapolsky <ianzapolsky@gmail.com>  
Ibrahim AshShohail <ibra.sho@gmail.com>  
Icarus Sparry <golang@icarus.freeuk.com>  
Iccha Sethi <icchasethi@gmail.com>  
Idora Shinatose <idora.shinatose@gmail.com>  
Ignacio Hagopian <jsign.uy@gmail.com>  
Igor Bernstein <igorbernstein@google.com>  
Igor Bolotnikov <igor.v.bolotnikov@gmail.com>  
Igor Dolzhevik <bluesriverz@gmail.com>  
Igor Vashyst <ivashyst@gmail.com>  
Igor Zhilianin <igor.zhilianin@gmail.com>  
Ikko Ashimine <eltoclear@gmail.com>  
Ilya Yalovyy <yalovoy@gmail.com>  
Ilya Sinelnikov <sidhmangh@gmail.com>  
Ilya Tocar <ilya.tocar@intel.com>

INADA Naoki <songofacandy@gmail.com>  
Inanc Gumus <m@inanc.io>  
Ingo Gottwald <in.gottwald@gmail.com>  
Ingo Krabbe <ikrabbe.ask@gmail.com>  
Ingo Oeser <nightlyone@googlemail.com> <nightlyone@gmail.com>  
Ioannis Georgoulas <geototti21@hotmail.com>  
Irbe Krumina <irbekrm@gmail.com>  
Irfan Sharif <irfanmahmoudsharif@gmail.com>  
Irieda Noboru <irieda@gmail.com>  
Isaac Ardis <isaac.ardis@gmail.com>  
Isaac Wagner <ibw@isaacwagner.me>  
Isfan Azhabil <isfanazhabil@gmail.com>  
Iskander Sharipov <iskander.sharipov@intel.com> <quasilyte@gmail.com>  
Issac Trotts <issactrotts@google.com>  
Ivan Babrou <ivan@cloudflare.com>  
Ivan Bertona <ivan.bertona@gmail.com>  
Ivan Krasin <krasin@golang.org>  
Ivan Kutuzov <arbrix@gmail.com>  
Ivan Markin <sw@nogoegst.net>  
Ivan Moscoso <moscoso@gmail.com>  
Ivan Osadchiy <ivan.osadchii@gmail.com>  
Ivan Sharavuev <shpiwan@gmail.com>  
Ivan Trubach <mr.trubach@icloud.com>  
Ivan Ukhov <ivan.ukhov@gmail.com>  
Ivy Evans <ivy@ivyevans.net>  
Jaana Burcu Dogan <jbd@google.com> <jbd@golang.org> <burcujdogan@gmail.com>  
Jaap Aarts <jaap.aarts1@gmail.com>  
Jack Britton <jackxbritton@gmail.com>  
Jack Lindamood <jlindamo@justin.tv>  
Jacob Baskin <jbaskin@google.com>  
Jacob Blain Christen <dweomer5@gmail.com>  
Jacob H. Haven <jacob@cloudflare.com>  
Jacob Hoffman-Andrews <github@hoffman-andrews.com>  
Jacob Walker <jacobwalker0814@gmail.com>  
Jaden Teng <long.asyn@gmail.com>  
Jae Kwon <jae@tendermint.com>  
Jake B <doogie1012@gmail.com>  
Jakob Borg <jakob@nym.se>  
Jakob Weisblat <jakobw@mit.edu>  
Jakub ajka <jcajka@redhat.com>  
Jakub Kaczmarzyk <jakubk@mit.edu>  
Jakub Ryszard Czarnowicz <j.czarnowicz@gmail.com>  
Jakub Warczarek <jakub.warczarek@gmail.com>  
Jamal Carvalho <jamal.a.carvalho@gmail.com>  
James Aguilar <jaguilar@google.com>  
James Bardin <j.bardin@gmail.com>  
James Chacon <jchacon@google.com>  
James Clarke <jrtc27@jrtc27.com>

James Cowgill <James.Cowgill@imgtec.com>  
James Craig Burley <james-github@burleyarch.com>  
James David Chalfant <james.chalfant@gmail.com>  
James Eady <jmeady@google.com>  
James Fysh <james.fysh@gmail.com>  
James Gray <james@james4k.com>  
James Hartig <fastest963@gmail.com>  
James Kasten <jdkasten@google.com>  
James Lawrence <jlratone@gmail.com>  
James Meneghello <rawrz0r@gmail.com>  
James Myers <jfmyers9@gmail.com>  
James Naftel <james.naftel@gmail.com>  
James Neve <jamesoneve@gmail.com>  
James Nugent <james@jen20.com>  
James P. Cooper <jamespcooper@gmail.com>  
James Robinson <jamesr@google.com> <jamesr.gatech@gmail.com>  
James Schofield <james@shoeboxapp.com>  
James Smith <jrs1995@icloud.com>  
James Sweet <james.sweet88@googlemail.com>  
James Toy <nil@opensesame.st>  
James Treanor <jtreanor3@gmail.com>  
James Tucker <raggi@google.com>  
James Whitehead <jnwhiteh@gmail.com>  
Jamie Beverly <jamie.r.beverly@gmail.com>  
Jamie Gennis <jgennis@google.com> <jgennis@gmail.com>  
Jamie Kerr <jkerr113@googlemail.com>  
Jamie Liu <jamieliu@google.com>  
Jamie Stackhouse <contin673@gmail.com>  
Jamie Turner <jamwt@dropbox.com>  
Jamie Wilkinson <jaq@spacepants.org>  
Jamil Djadala <djadala@gmail.com>  
Jan Berktold <jan@berktold.co>  
Jan H. Hosang <jan.hosang@gmail.com>  
Jan Kratochvil <jan.kratochvil@redhat.com>  
Jan Lehnardt <jan@apache.org>  
Jan Mercl <0xjnm1@gmail.com> <befelemepeseveze@gmail.com>  
Jan Newmarch <jan.newmarch@gmail.com>  
Jan Pilzer <jan.pilzer@gmx.de>  
Jan Steinke <jan.steinke@gmail.com>  
Jan Ziak <0xe2.0x9a.0x9b@gmail.com>  
Jani Monoses <jani.monoses@ubuntu.com> <jani.monoses@gmail.com>  
Jannis Andrija Schnitzer <jannis@schnitzer.im>  
Jared Allard <jaredallard@users.noreply.github.com>  
Jared Culp <jculp14@gmail.com>  
Jaroslav Poepko <jp@webmaster.ms>  
Jason A. Donenfeld <Jason@zx2c4.com>  
Jason Baker <jason-baker@users.noreply.github.com>  
Jason Barnett <jason.w.barnett@gmail.com>

Jason Buberel <jbuberel@google.com>  
Jason Chu <jasonchujc@gmail.com>  
Jason Del Ponte <delpontej@gmail.com>  
Jason Hall <jasonhall@google.com>  
Jason Keene <jasonkeene@gmail.com>  
Jason LeBrun <jblebrun@gmail.com>  
Jason Smale <jsmale@zendesk.com>  
Jason Travis <infomaniac7@gmail.com>  
Jason Wangsadinata <jwangsadinata@gmail.com>  
Javier Kohen <jkohen@google.com>  
Javier Revillas <jrevillas@massivedynamic.io>  
Javier Segura <javism@gmail.com>  
Jay Conrod <jayconrod@google.com>  
Jay Lee <BusyJayLee@gmail.com>  
Jay Taylor <outtatime@gmail.com>  
Jay Weisskopf <jay@jayschwa.net>  
Jean de Klerk <deklerk@google.com>  
Jean-Andr Santoni <jean.andre.santoni@gmail.com>  
Jean-Franois Bustarret <jf@bustarret.com>  
Jean-Francois Cantin <jfcantin@gmail.com>  
Jean-Marc Eurin <jmeurin@google.com>  
Jean-Nicolas Moal <jn.moal@gmail.com>  
Jed Denlea <jed@fastly.com>  
Jdrzej Szczepaniak <jbszczepaniak@gmail.com>  
Jeet Parekh <jeetparekh96@gmail.com>  
Jeevanandam M <jeeva@myjeeva.com>  
Jeff (Zhefu) Jiang <jeffjiang@google.com>  
Jeff Craig <jeffcraig@google.com>  
Jeff Dupont <jeff.dupont@gmail.com>  
Jeff Hodges <jeff@somethingsimilar.com>  
Jeff Johnson <jrjohnson@google.com>  
Jeff R. Allen <jra@nella.org> <jeff.allen@gmail.com>  
Jeff Sickel <jas@corpus-callosum.com>  
Jeff Wendling <jeff@spacemonkey.com>  
Jeffrey H <jeffreyh192@gmail.com>  
Jelte Fennema <github-tech@jeltef.nl>  
Jens Frederich <jfrederich@gmail.com>  
Jeremiah Harmsen <jeremiah@google.com>  
Jeremy Banks <\_@jeremy.ca>  
Jeremy Canady <jcanady@gmail.com>  
Jeremy Faller <jeremy@golang.org>  
Jeremy Jackins <jeremyjackins@gmail.com>  
Jeremy Jay <jeremy@pbnjay.com>  
Jeremy Schlatter <jeremy.schlatter@gmail.com>  
Jeroen Bobbeldijk <jerbob92@gmail.com>  
Jeroen Simonetti <jeroen@simonetti.nl>  
Jrme Doucet <jerdct@gmail.com>  
Jerrin Shaji George <jerrinsg@gmail.com>

Jess Frazelle <me@jessfraz.com>  
Jesse Szwedko <jesse.szwedko@gmail.com>  
Jess Espino <jespinog@gmail.com>  
Jia Zhan <jzhan@uber.com>  
Jiacai Liu <jiacai2050@gmail.com>  
Jiahao Lu <lujjjh@gmail.com>  
Jianing Yu <jnyu@google.com>  
Jianqiao Li <jianqiaoli@google.com>  
Jiayu Yi <yijiyu@gmail.com>  
Jie Ma <jienius@outlook.com>  
Jihyun Yu <yjh0502@gmail.com>  
Jim Cote <jfcote87@gmail.com>  
Jim Kingdon <jim@bolt.me>  
Jim McGrath <jimmc2@gmail.com>  
Jim Minter <jminter@redhat.com>  
Jimmy Frasche <soapboxcicero@gmail.com>  
Jimmy Zelinskie <jimmyzelinskie@gmail.com>  
Jin-wook Jeong <jeweljar@hanmail.net>  
Jingcheng Zhang <diogin@gmail.com>  
Jingguo Yao <yaojingguo@gmail.com>  
Jingnan Si <jingnan.si@gmail.com>  
Jinkun Zhang <franksnolf@gmail.com>  
Jiong Du <londevil@gmail.com>  
Jirka Dank <dnk@mail.muni.cz>  
Jiulong Wang <jiulongw@gmail.com>  
Joakim Sernbrant <serbaut@gmail.com>  
Joe Bowbeer <joe.bowbeer@gmail.com>  
Joe Cortopassi <joe@joecortopassi.com>  
Joe Farrell <joe2farrell@gmail.com>  
Joe Harrison <joehazzers@gmail.com>  
Joe Henke <joed.henke@gmail.com>  
Joe Kyo <xunianzu@gmail.com>  
Joe Poirier <jdpoirier@gmail.com>  
Joe Richey <joerichey@google.com>  
Joe Shaw <joe@joeshaw.org>  
Joe Sylve <joe.sylve@gmail.com>  
Joe Tsai <joetsai@digital-static.net>  
Joel Sing <joel@sing.id.au> <jsing@google.com>  
Jol Stemmer <jstemmer@google.com>  
Joel Stemmer <stemmertech@gmail.com>  
Joey Geiger <jgeiger@users.noreply.github.com>  
Johan Brandhorst <johan.brandhorst@gmail.com>  
Johan Euphrosine <propy@google.com>  
Johan Jansson <johan.jansson@iki.fi>  
Johan Knutzen <johan@senri.se>  
Johan Sageryd <j@1616.se>  
John Asmuth <jasmuth@gmail.com>  
John Beisley <huin@google.com>

John C Barstow <jbowtie@amathaine.com>  
John DeNero <denero@google.com>  
John Dethridge <jcd@golang.org>  
John Gibb <johngibb@gmail.com>  
John Gilik <john@jgilik.com>  
John Graham-Cumming <jgc@jgc.org> <jgrahamc@gmail.com>  
John Howard Palevich <jack.palevich@gmail.com>  
John Jeffery <jjeffery@sp.com.au>  
John Jenkins <twodopeshaggy@gmail.com>  
John Leidegren <john.leidegren@gmail.com>  
John McCabe <john@johnmccabe.net>  
John Moore <johnkenneth.moore@gmail.com>  
John Newlin <jnewlin@google.com>  
John Papandriopoulos <jpap.code@gmail.com>  
John Potocny <johnp@vividcortex.com>  
John R. Lenton <jlenton@gmail.com>  
John Schnake <schnake.john@gmail.com>  
John Shahid <jvshahid@gmail.com>  
John Tuley <john@tuley.org>  
John Weldon <johnweldon4@gmail.com>  
Johnny Luo <johnnyluo1980@gmail.com>  
Jon Chen <jchen@justin.tv>  
Jon Johnson <jonjohnson@google.com>  
Jonas Bernoulli <jonas@bernoul.li>  
Jonathan Albrecht <jonathan.albrecht@ibm.com>  
Jonathan Allie <jonallie@google.com>  
Jonathan Amsterdam <jba@google.com>  
Jonathan Boulle <jonathanboulle@gmail.com>  
Jonathan Chen <dijonkitchen@users.noreply.github.com>  
Jonathan Feinberg <feinberg@google.com>  
Jonathan Gold <jgold.bg@gmail.com>  
Jonathan Hseu <jhseu@google.com>  
Jonathan Mark <jhmark@xenops.com> <jhmark000@gmail.com>  
Jonathan Nieder <jrn@google.com>  
Jonathan Pentecost <pentecostjonathan@gmail.com>  
Jonathan Pittman <jmpittman@google.com> <jonathan.mark.pittman@gmail.com>  
Jonathan Rudenberg <jonathan@titanous.com>  
Jonathan Stacks <jonstacks13@gmail.com>  
Jonathan Swinney <jswinney@amazon.com>  
Jonathan Wills <runningwild@gmail.com>  
Jonathon Lacher <jonathon.lacher@gmail.com>  
Jongmin Kim <atomaths@gmail.com>  
Joonas Kuorilehto <joneskoo@derbian.fi>  
Joop Kiefte <ikojba@gmail.com> <joop@kiefte.net>  
Jordan Christiansen <xordspar0@gmail.com>  
Jordan Krage <jmank88@gmail.com>  
Jordan Lewis <jordanthelewis@gmail.com>  
Jordan Liggitt <liggitt@google.com>



Jordan Rhee <jordanrh@microsoft.com>  
Jordan Rupprecht <rupprecht@google.com>  
Jordi Martin <jordimartin@gmail.com>  
Jorge Araya <jorgejavieran@yahoo.com.mx>  
Jorge L. Fatta <jorge.fatta@auth0.com>  
Jos Visser <josv@google.com>  
Josa Gesell <josa@gesell.me>  
Jose Luis Vzquez Gonzlez <josvazg@gmail.com>  
Joseph Bonneau <jcb@google.com>  
Joseph Holsten <joseph@josephholsten.com>  
Josh Baum <joshbaum@google.com>  
Josh Bleecher Snyder <josharian@gmail.com>  
Josh Chorlton <jchorlton@gmail.com>  
Josh Deprez <josh.deprez@gmail.com>  
Josh Goebel <dreamer3@gmail.com>  
Josh Hoak <jhoak@google.com>  
Josh Holland <jrh@joshh.co.uk>  
Josh Roppo <joshroppo@gmail.com>  
Josh Varga <josh.varga@gmail.com>  
Joshua Bezaleel Abednego <joshua.bezaleel@gmail.com>  
Joshua Boelter <joshua.boelter@intel.com>  
Joshua Chase <jcjosuachase@gmail.com>  
Joshua Crowgey <jcrowgey@uw.edu>  
Joshua M. Clulow <josh.clulow@joyent.com>  
Joshua Rubin <joshua@rubixconsulting.com>  
Josselin Costanzi <josselin@costanzi.fr>  
Jostein Stuhaug <js@solidsystem.no>  
JP Sugarbroad <jpsugar@google.com>  
JT Olds <jtolds@xnet5.com>  
JT Olio <hello@jtolio.com>  
Juan Carlos <juanjcsr@gmail.com>  
Juan Pablo Civile <elementohb@gmail.com>  
Jude Pereira <judebpereira@gmail.com>  
Jukka-Pekka Kekkonen <karatepekka@gmail.com>  
Julia Hansbrough <flowerhack@google.com>  
Julian Kornberger <jk+github@digineo.de>  
Julian Pastarmov <pastarmovj@google.com>  
Julian Phillips <julian@quantumfyre.co.uk>  
Julian Tibble <julian.tibble@gmail.com>  
Julie Qiu <julie@golang.org>  
Julien Kauffmann <julien.kauffmann@freelan.org>  
Julien Salleyron <julien.salleyron@gmail.com>  
Julien Schmidt <google@julienschmidt.com>  
Julio Montes <julio.montes@intel.com>  
Jun Zhang <jim.zoumo@gmail.com>  
Junchen Li <junchen.li@arm.com>  
Junda Liu <junda@celer.network>  
Jungho Ahn <jhahn@google.com>

Junya Hayashi <ledmonster@gmail.com>  
Juraj Sukop <sukop@users.noreply.github.com>  
Jure Ham <jure.ham@zemanta.com>  
Justin Gracenin <jgracenin@gmail.com>  
Justin Li <git@justinli.net>  
Justin Nu <nuss.justin@gmail.com>  
Justyn Temme <justyntemme@gmail.com>  
Kai Backman <kaib@golang.org>  
Kai Dong <dokia2357@gmail.com>  
Kai Lke <kai@kinvolk.io>  
Kai Trukenmller <ktye78@gmail.com>  
Kale Blankenship <kale@lemnisis.com>  
Kaleb Elwert <kelwert@atlassian.com>  
Kalman Bekesi <kalmanb@google.com>  
Kamal Aboul-Hosn <aboulhosn@google.com>  
Kamil Chmielewski <kamil.chm@gmail.com>  
Kamil Kisiel <kamil@kamilkisiel.net> <kamil.kisiel@gmail.com>  
Kamil Rytarowski <krytarowski@users.noreply.github.com>  
Kang Hu <hukangustc@gmail.com>  
Kanta Ebihara <kantaebihara@gmail.com>  
Karan Dhiman <karandhi@ca.ibm.com>  
Karel Pazdera <pazderak@gmail.com>  
Karoly Negyesi <chx1975@gmail.com>  
Karsten Khler <karsten.koehler95@gmail.com>  
Karthik Nayak <karthik.188@gmail.com>  
Kashav Madan <kshvmdn@gmail.com>  
Kate Manson <kate.manson@izettle.com>  
Katharine Berry <ktbry@google.com>  
Katie Hockman <katie@golang.org>  
Kato Kazuyoshi <kato.kazuyoshi@gmail.com>  
Katrina Owen <katrina.owen@gmail.com>  
Kaviraj Kanagaraj <kavirajkanagaraj@gmail.com>  
Kay Zhu <kayzhu@google.com>  
Kazuhiro Sera <seratch@gmail.com>  
KB Sriram <kbsriram@google.com>  
Keegan Carruthers-Smith <keegan.csmith@gmail.com>  
Kei Son <hey.calmdown@gmail.com>  
Keiichi Hirobe <challenge.akane@gmail.com>  
Keiji Yoshida <keijiyoshida.mail@gmail.com>  
Keisuke Kishimoto <keisuke.kishimoto@gmail.com>  
Keith Ball <inflatablewoman@gmail.com>  
Keith Randall <khr@golang.org>  
Keith Rarick <kr@xph.us>  
Kelly Heller <pestophagous@gmail.com>  
Kelsey Hightower <kelsey.hightower@gmail.com>  
Kelvin Foo Chuan Lyi <vmirage@gmail.com>  
Kemal Elmizan <kemalelmizan@gmail.com>  
Ken Friedenbach <kenliz@cruzio.com>

Ken Rockot <ken@oz.gs> <ken.rockot@gmail.com>  
Ken Sedgwick <ken@bonsai.com>  
Ken Thompson <ken@golang.org>  
Kenichi Tsunokawa <kenichi.tsunokawa@gmail.com>  
Kenji Kaneda <kenji.kaneda@gmail.com>  
Kenji Yano <kenji.yano@gmail.com>  
Kenneth Shaw <kenshaw@gmail.com>  
Kenny Grant <kennygrant@gmail.com>  
Kensei Nakada <handbomusic@gmail.com>  
Kenta Mori <zoncoen@gmail.com>  
Kerollos Magdy <kerolloz@yahoo.com>  
Ketan Parmar <ketanbparmar@gmail.com>  
Kevan Swanberg <kevswanberg@gmail.com>  
Kevin Ballard <kevin@sb.org>  
Kevin Burke <kev@inburke.com>  
Kvin Dunglas <dunglas@gmail.com>  
Kevin Gillette <extemporalgenome@gmail.com>  
Kevin Kirsche <kev.kirsche@gmail.com>  
Kevin Klues <klueska@gmail.com> <klueska@google.com>  
Kevin Malachowski <chowski@google.com>  
Kevin Parsons <keypar@microsoft.com>  
Kevin Ruffin <kruffin@gmail.com>  
Kevin Vu <kevin.m.vu@gmail.com>  
Kevin Zita <bleedgreenandgold@gmail.com>  
Keyan Pishdadian <kpishdadian@gmail.com>  
Keyuan Li <keyuanli123@gmail.com>  
Kezhu Wang <kezhuw@gmail.com>  
Khosrow Moossavi <khos2ow@gmail.com>  
Kieran Colford <kieran@kcolford.com>  
Kim Shrier <kshrier@racktopsystems.com>  
Kim Yongbin <kybinz@gmail.com>  
Kir Kolyshkin <kolyshkin@gmail.com>  
Kirill Korotaev <kirillx@gmail.com>  
Kirill Motkov <Motkov.Kirill@gmail.com>  
Kirill Smelkov <kirr@nexedi.com>  
Kirill Tatchihin <kirabsuir@gmail.com>  
Kirk Han <kirk91.han@gmail.com>  
Kirklin McDonald <kirklin.mcdonald@gmail.com>  
KJ Tsanaktsidis <ktsanaktsidis@zendesk.com>  
Klaus Post <klauspost@gmail.com>  
Kodie Goodwin <kodiegoodwin@gmail.com>  
Koichi Shiraishi <zchee.io@gmail.com>  
Koki Ide <niconegoto@yahoo.co.jp>  
Koki Tomoshige <tomocy.dev@gmail.com>  
Komu Wairagu <komuw05@gmail.com>  
Konstantin <konstantin8105@gmail.com>  
Konstantin Shaposhnikov <k.shaposhnikov@gmail.com>  
Koya IWAMURA <kiwamura0314@gmail.com>

Kris Kwiatkowski <kris@cloudflare.com>  
Kris Nova <kris@nivenly.com>  
Kris Rousey <krousey@google.com>  
Kristopher Watts <traetox@gmail.com>  
Krzysztof Dbrowski <krzysdabro@live.com>  
Kshitij Saraogi <kshitijgaraogi@gmail.com>  
Kun Li <likunarmstrong@gmail.com>  
Kunpei Sakai <namusyaka@gmail.com>  
Kuntal Majumder <hellozee@disroot.org>  
Kush Patel <kush.patel@hootsuite.com>  
Kyle Consalus <consalus@gmail.com>  
Kyle Isom <kyle@gokyle.net>  
Kyle Jones <kyle@kyledj.com>  
Kyle Lemons <kyle@kylelemons.net> <kevlar@google.com>  
Kyle Nusbaum <kyle@datadog.com>  
Kyle Shannon <kyle@pobox.com>  
Kyle Spiers <eiais@google.com>  
Kyle Wood <kyle@kylewood.cc>  
Kyohei Kadota <lufia@lufia.org>  
Kirylo Silin <silin@kirylo.org>  
L Campbell <unpantsu@gmail.com>  
Lai Jiangshan <eag0628@gmail.com>  
Lajos Papp <lalyos@yahoo.com>  
Lakshay Garg <lakshay.garg.1996@gmail.com>  
Lann Martin <lanm@google.com>  
Lanre Adelowo <yo@lanre.wtf>  
Larry Clapp <larry@theclapp.org>  
Larry Hosken <lahosken@golang.org>  
Lars Jeppesen <jeppesen.lars@gmail.com>  
Lars Lehtonen <lars.lehtonen@gmail.com>  
Lars Wiegman <lars@namsral.com>  
Larz Conwell <larzconwell@gmail.com>  
Laurent Voisin <lpvoisin@gmail.com>  
Laurie Clark-Michalek <laurie@qubit.com>  
LE Manh Cuong <cuong.manhle.vn@gmail.com>  
Lee Hinman <hinman@gmail.com>  
Lee Packham <lpackham@gmail.com>  
Lehner Florian <dev@der-flo.net>  
Leigh McCulloch <leighmcc@gmail.com>  
Leo Antunes <leo@costela.net>  
Leo Rudberg <ljr@google.com>  
Leon Klingele <git@leonklingele.de>  
Leonardo Comelli <leonardo.comelli@gmail.com>  
Leonel Quinteros <leonel.quinteros@gmail.com>  
Lev Shamardin <shamardin@gmail.com>  
Lewin Bormann <lewin.bormann@gmail.com>  
Lewis Waddicor <nemesismk2@gmail.com>  
Liam Haworth <liam@haworth.id.au>

Lily Chung <lilithkchung@gmail.com>  
Lingchao Xin <douglarek@gmail.com>  
Lion Yang <lion@aosc.xyz>  
Liz Rice <liz@lizrice.com>  
Lloyd Dewolf <foolswisdom@gmail.com>  
Lorenz Bauer <lmb@cloudflare.com>  
Lorenz Brun <lorenz@brun.one>  
Lorenz Nickel <mail@lorenznickel.de>  
Lorenzo Masini <rugginoso@develer.com>  
Lorenzo Stoakes <lstoakes@gmail.com>  
Louis Kruger <louisk@google.com>  
Luan Santos <cfcluan@gmail.com>  
Lubomir I. Ivanov <neolit123@gmail.com>  
Luca Bruno <luca.bruno@coreos.com>  
Luca Greco <luca.greco@alcacoop.it>  
Luca Spiller <luca@stackednotion.com>  
Lucas Bremgartner <lucas.bremgartner@gmail.com>  
Lucas Clemente <lclemente@google.com>  
Lucien Stuker <lucien.stuker@gmail.com>  
Lucio De Re <lucio.dere@gmail.com>  
Ludi Rehak <ludi317@gmail.com>  
Luigi Riefolo <luigi.riefolo@gmail.com>  
Luit van Drongelen <luitvd@gmail.com>  
Luka Zakrajek <tr00.g33k@gmail.com>  
Luka Zitnik <luka.zitnik@gmail.com>  
Lukasz Milewski <lmmilewski@gmail.com>  
Luke Champine <luke.champine@gmail.com>  
Luke Curley <qpingu@gmail.com>  
Luke Granger-Brown <git@lukegb.com>  
Luke Young <bored-engineer@users.noreply.github.com>  
Luna Duclos <luna.duclos@palmstonegames.com>  
Luuk van Dijk <lvd@golang.org> <lvd@google.com>  
Lyle Franklin <lylejfranklin@gmail.com>  
Lynn Boger <laboger@linux.vnet.ibm.com>  
Ma Peiqi <mapeiqi2017@gmail.com>  
Maarten Bezemer <maarten.bezemer@gmail.com>  
Maciej Dbski <maciejd@google.com>  
Madhu Rajanna <madhupr007@gmail.com>  
Magnus Hiie <magnus.hiie@gmail.com>  
Mahdi Hosseini Moghaddam <seyed.mahdi.hosseini.moghaddam@ibm.com>  
Maia Lee <maia.lee@leftfieldlabs.com>  
Maicon Costa <maiconscosta@gmail.com>  
Mak Kolybabi <mak@kolybabi.com>  
Maksym Trykur <maksym.trykur@gmail.com>  
Mal Curtis <mal@mal.co.nz>  
Manfred Touron <m@42.am>  
Manigandan Dharmalingam <manigandan.jeff@gmail.com>  
Manish Goregaokar <manishsmail@gmail.com>

Manoj Dayaram <platform-dev@moovweb.com> <manoj.dayaram@moovweb.com>  
Mansour Rahimi <rahimi.mnr@gmail.com>  
Manu Garg <manugarg@google.com>  
Manu S Ajith <neo@codingarena.in>  
Manuel Mendez <mmendez534@gmail.com>  
Marat Khabibullin <marat.khabibullin@jetbrains.com>  
Marc Sanmiquel <marcsanmiquel@gmail.com>  
Marc Weistroff <marc@weistroff.net>  
Marc-Antoine Ruel <maruel@chromium.org>  
Marcel Edmund Franke <marcel.edmund.franke@gmail.com>  
Marcel van Lohuizen <mpvl@golang.org>  
Marcelo Cantos <marcelo.cantos@gmail.com>  
Marcelo E. Magallon <marcelo.magallon@gmail.com>  
Marco Gazerro <gazerro@open2b.com>  
Marco Hennings <marco.hennings@freiheit.com>  
Marcus Weiner <marcus.weiner@gmail.com>  
Marcus Willock <crazcalm@gmail.com>  
Marga Manterola <marga@google.com>  
Mariano Cano <mariano@smallstep.com>  
Marin Bai <marin.basic02@gmail.com>  
Mario Arranz <marioarranzr@gmail.com>  
Marius A. Eriksen <marius@grailbio.com>  
Marius Nuennerich <mnu@google.com>  
Mark Adams <mark@markadams.me>  
Mark Bucciarelli <mkbucc@gmail.com>  
Mark Dain <mark@markdain.net>  
Mark Glines <mark@glines.org>  
Mark Harrison <marhar@google.com>  
Mark Percival <m@mdp.im>  
Mark Pulford <mark@kyne.com.au>  
Mark Rushakoff <mark.rushakoff@gmail.com>  
Mark Ryan <mark.d.ryan@intel.com>  
Mark Severson <miquella@gmail.com>  
Mark Theunissen <mark.theunissen@gmail.com>  
Mark Villacampa <m@markvillacampa.com>  
Mark Wolfe <mark@wolfe.id.au>  
Mark Zavislak <zavislak@google.com>  
Marko Juhani Silokunnas <marko.silokunnas@gmail.com>  
Marko Kevac <marko@kevac.org>  
Marko Kungla <marko.kungla@gmail.com>  
Marko Mikulicic <mkm@google.com>  
Marko Mudrinic <mudrinic.mare@gmail.com>  
Marko Tiikkaja <marko@joh.to>  
Markus Duft <markus.duft@salomon.at>  
Markus Sonderegger <marraison@gmail.com>  
Markus Zimmermann <zimmski@gmail.com>  
Marten Seemann <martenseemann@gmail.com>  
Martin Asquino <martin.asquino@gmail.com>

Martin Bertschler <mbertschler@gmail.com>  
Martin Garton <garton@gmail.com>  
Martin Habbecke <marhab@google.com>  
Martin Hamrle <martin.hamrle@gmail.com>  
Martin Hoefling <martin.hoefling@gmx.de>  
Martin Kreichgauer <martinkr@google.com>  
Martin Kunc <martinkunc@users.noreply.github.com>  
Martin Lindhe <martin.j.lindhe@gmail.com>  
Martin Mohrmann <moehrmann@google.com> <martisch@uos.de>  
Martin Neubauer <m.ne@gmx.net>  
Martin Olsen <github.com@martinolsen.net>  
Martin Olsson <martin@minimum.se>  
Martin Probst <martin@probst.io>  
Martin Sucha <anty.sk+git@gmail.com>  
Martin Tournoij <martin@arp242.net>  
Martins Sipenko <martins.sipenko@gmail.com>  
Martynas Budrinas <mabu@google.com>  
Marvin Stenger <marvin.stenger94@gmail.com>  
Marwan Sulaiman <marwan.sulaiman@work.co>  
Maryan Hratson <gmarik@gmail.com>  
Masahiro Furudate <masahiro.furudate@gmail.com>  
Masahiro Wakame <vvakame@gmail.com>  
Masaki Yoshida <yoshida.masaki@gmail.com>  
Masaya Watanabe <sfbgwm30@gmail.com>  
Mat Byczkowski <mbyczkowski@gmail.com>  
Mat Ryer <thatmatryer@gmail.com>  
Mt Gulys <mgulyas86@gmail.com>  
Matej Bao <matejbaco@gmail.com>  
Mateus Amin <mateus.amin@gmail.com>  
Mateusz Czapliski <czapkofan@gmail.com>  
Matheus Alcantara <matheusssilv97@gmail.com>  
Mathias Beke <git@denbeke.be>  
Mathias Hall-Andersen <mathias@hall-andersen.dk>  
Mathias Leppich <mleppich@muhqu.de>  
Mathieu Lonjaret <mathieu.lonjaret@gmail.com>  
Mats Lidell <mats.lidell@cag.se> <mats.lidell@gmail.com>  
Matt Aimonetti <mattaimonetti@gmail.com>  
Matt Blair <me@matthewblair.net>  
Matt Bostock <matt@mattbostock.com>  
Matt Brown <mdbrown@google.com>  
Matt Dee <mdee@hioscar.com>  
Matt Drollette <matt@drollette.com>  
Matt Harden <matt.harden@gmail.com>  
Matt Jibson <matt.jibson@gmail.com>  
Matt Joiner <anacrolix@gmail.com>  
Matt Jones <mrjones@google.com>  
Matt Juran <thepciet@gmail.com>  
Matt Layher <mdlayher@gmail.com>

Matt Reiferson <mreiferson@gmail.com>  
Matt Robenolt <matt@ydekproductions.com>  
Matt Strong <mstrong1341@gmail.com>  
Matt T. Proud <matt.proud@gmail.com>  
Matt Williams <gh@mattyw.net> <mattyjwilliams@gmail.com>  
Matthew Brennan <matty.brennan@gmail.com>  
Matthew Broberg <matthewbbroberg@gmail.com>  
Matthew Cottingham <mattcottingham@gmail.com>  
Matthew Dempsky <mdempsky@google.com>  
Matthew Denton <mdenton@skyportsystems.com>  
Matthew Holt <Matthew.Holt+git@gmail.com>  
Matthew Horsnell <matthew.horsnell@gmail.com>  
Matthew Waters <mwwaters@gmail.com>  
Mathieu Hauglustaine <matt.hauglustaine@gmail.com>  
Mathieu Olivier <olivier.matthieu@gmail.com>  
Matthijs Kooijman <matthijs@stdin.nl>  
Max Drosdo.www <gIranIq@gmail.com>  
Max Riveiro <kavu13@gmail.com>  
Max Schmitt <max@schmitt.mx>  
Max Semenik <maxsem.wiki@gmail.com>  
Max Ushakov <ushmax@gmail.com>  
Maxim Eryomenko <moeryomenko@gmail.com>  
Maxim Khitrov <max@mxcrypt.com>  
Maxim Pimenov <mpimenov@google.com>  
Maxim Pugachev <pugachev.mm@gmail.com>  
Maxim Ushakov <ushakov@google.com>  
Maxime de Roucy <maxime.deroucy@gmail.com>  
Mximo Cuadros Ortiz <mcuadros@gmail.com>  
Maxwell Krohn <themax@gmail.com>  
Maya Rashish <maya@NetBSD.org>  
Mayank Kumar <krmayankk@gmail.com>  
Meir Fischer <meirfischer@gmail.com>  
Meng Zhuo <mengzhuo1203@gmail.com> <mzh@golangcn.org>  
Mhd Sulhan <m.shulhan@gmail.com>  
Micah Stetson <micah.stetson@gmail.com>  
Michael Anthony Knyszczek <mknyszczek@google.com>  
Michael Brandenburg <mbrandenburg@bolste.com>  
Michael Chaten <mchaten@gmail.com>  
Michael Cook <code@mdcook.net>  
Michael Darakananda <pongad@google.com>  
Michael Dorner <mail@michaeldorner.de>  
Michael Edwards <medwards@walledcity.ca>  
Michael Elkins <michael.elkins@gmail.com>  
Michael Ellis <micellis@justin.tv>  
Michael Fraenkel <michael.fraenkel@gmail.com>  
Michael Fromberger <michael.j.fromberger@gmail.com>  
Michael Gehring <mg@ebfe.org> <gnirheg.leahcim@gmail.com>  
Michael Henderson <mdhender@users.noreply.github.com>



Michael Hendricks <michael@ndrix.org>  
Michael Hoisie <hoisie@gmail.com>  
Michael Hudson-Doyle <michael.hudson@linaro.org>  
Michael Kasch <michael.kasch@gmail.com>  
Michael Kufel <golang@c.michael-kaeufl.de>  
Michael Kelly <mjk@google.com>  
Michal Lvesque-Dion <mlevesquedion@google.com>  
Michael Lewis <mikelikespie@gmail.com>  
Michael MacInnis <Michael.P.MacInnis@gmail.com>  
Michael Marineau <michael.marineau@coreos.com>  
Michael Matloob <matloob@google.com>  
Michael McConville <momconville@gmail.com>  
Michael McGreevy <mcgreevy@golang.org>  
Michael McLoughlin <mmcloughlin@gmail.com>  
Michael Munday <mike.munday@ibm.com>  
Michael Pearson <mipearson@gmail.com>  
Michael Piatek <piatek@google.com>  
Michael Pratt <mpratt@google.com>  
Michael Schaller <michael@5challer.de>  
Michael Schurter <michael.schurter@gmail.com>  
Michael Shields <mshields@google.com>  
Michael Stapelberg <michael@stapelberg.de> <mstplbrg@googlemail.com>  
Michael Steinert <mike.steinert@gmail.com>  
Michael T. Jones <mtj@google.com> <michael.jones@gmail.com>  
Michael Teichgraber <mteichgraber@gmx.de> <mt4swm@googlemail.com>  
Michael Traver <mtraver@google.com>  
Michael Vetter <g.bluehut@gmail.com>  
Michael Vogt <mvo@ubuntu.com>  
Michail Kargakis <mkargaki@redhat.com>  
Michal Bohuslavsek <mbohuslavsek@gmail.com>  
Michal Cierniak <cierniak@google.com>  
Micha Derkacz <ziutek@inet.pl>  
Michal Franc <lam.michal.franc@gmail.com>  
Michałowicki <młowicki@gmail.com>  
Michal Pristas <michal.pristas@gmail.com>  
Michal Rostecki <mrostecki@suse.de>  
Michalis Kargakis <michaliskargakis@gmail.com>  
Michel Lespinasse <>walken@google.com>  
Michele Di Pede <michele.di.pede@gmail.com>  
Mickael Kerjean <mickael.kerjean@gmail.com>  
Mickey Reiss <mickeyreiss@gmail.com>  
Miek Gieben <miek@miek.nl> <remigius.gieben@gmail.com>  
Miguel Acero <acero@google.com>  
Miguel Mendez <stxmendez@gmail.com>  
Miguel Molina <hi@mvader.me>  
Mihai Borobocea <MihaiBorobocea@gmail.com>  
Mihai Moldovan <ionic@ionic.de>  
Mihai Todor <todormihai@gmail.com>

Mihail Minaev <minaev.mike@gmail.com>  
Mikael Tillenius <mikti42@gmail.com>  
Mike Andrews <mra@xoba.com>  
Mike Appleby <mike@app.leby.org>  
Mike Danese <mikedanese@google.com>  
Mike Houston <mike@kothar.net>  
Mike Kabischev <kabischev@gmail.com>  
Mike Rosset <mike.rosset@gmail.com>  
Mike Samuel <mikesamuel@gmail.com>  
Mike Solomon <msolo@gmail.com>  
Mike Strosaker <strosake@us.ibm.com>  
Mike Tsao <mike@sowbug.com>  
Mike Wiacek <mjwiacek@google.com>  
Mikhail Fesenko <proggga@gmail.com>  
Mikhail Gusarov <dottedmag@dottedmag.net>  
Mikhail Panchenko <m@mihasya.com>  
Miki Tebeka <miki.tebeka@gmail.com>  
Mikio Hara <mikioh.mikioh@gmail.com>  
Mikkel Krautz <mikkel@krautz.dk> <krautz@gmail.com>  
Mikoaj Baranowski <mikolajb@gmail.com>  
Milan Knezevic <milan.knezevic@mips.com>  
Milan Patel <bicelot3@gmail.com>  
Milutin Jovanovic <jovanovic.milutin@gmail.com>  
MinJae Kwon <mingrammer@gmail.com>  
Miquel Sabat Sol <mikisabate@gmail.com>  
Mirko Hansen <baaazen@gmail.com>  
Miroslav Genov <mgenov@gmail.com>  
Misty De Meo <mistydemeo@gmail.com>  
Mohamed Attahri <mohamed@attahri.com>  
Mohit Agarwal <mohit@sdf.org>  
Mohit kumar Bajoria <mohitbajo36@gmail.com>  
Mohit Verma <vmohit.93@gmail.com>  
Momchil Velikov <momchil.velikov@gmail.com>  
Monis Khan <mkhan@redhat.com>  
Monty Taylor <mordred@inaugust.com>  
Moritz Fain <moritz@fain.io>  
Moriyoshi Koizumi <mozo@mozo.jp>  
Morten Siebuhr <sbhr@sbhr.dk>  
Mshe van der Sterre <moshevds@gmail.com>  
Mostyn Bramley-Moore <mostyn@antipode.se>  
Mrunal Patel <mrunalp@gmail.com>  
Muhammad Falak R Wani <falakreyaz@gmail.com>  
Muhammad Hamza Farrukh <hamzafarrukh141@gmail.com>  
Muhammed Uluyol <uluyol0@gmail.com>  
Muir Manders <muir@mnd.rs>  
Mukesh Sharma <sharma.mukesh439@gmail.com>  
Mura Li <mura\_li@castech.com.tw>  
Mykhailo Lesyk <mikhail@lesyk.org>

Naman Aggarwal <aggarwal.nam@gmail.com>  
Nan Deng <monnand@gmail.com>  
Nao Yonashiro <owan.orisano@gmail.com>  
Naoki Kanatani <k12naoki@gmail.com>  
Natanael Copa <ncopa@mirantis.com>  
Nate Wilkinson <nathanwilk7@gmail.com>  
Nathan Cantelmo <n.cantelmo@gmail.com>  
Nathan Caza <mastercactapus@gmail.com>  
Nathan Dias <nathan.dias@orijtech.com>  
Nathan Fiscaletti <nathan.fiscaletti@vrazo.com>  
Nathan Humphreys <nkhumphreys@gmail.com>  
Nathan John Youngman <nj@nathany.com>  
Nathan Otterness <otternes@cs.unc.edu>  
Nathan P Finch <nate.finch@gmail.com>  
Nathan VanBenschoten <nvanbenschoten@gmail.com>  
Nathan Youngman <git@nathany.com>  
Nathan(yinian) Hu <nathanhu@google.com>  
Nathaniel Cook <nvcook42@gmail.com>  
Naveen Kumar Sangi <naveenkumarsangi@protonmail.com>  
Neeilan Selvalingam <neeilan96@gmail.com>  
Neelesh Chandola <neelesh.c98@gmail.com>  
Nehal J Wani <nehaljw.kkd1@gmail.com>  
Neil Lyons <nwjlyons@googlemail.com>  
Neuman Vong <neuman.vong@gmail.com>  
Neven Sajko <nsajko@gmail.com>  
Nevins Bartolomeo <nevins.bartolomeo@gmail.com>  
Niall Sheridan <nsheridan@gmail.com>  
Nic Day <nic.day@me.com>  
Nicholas Katsaros <nick@nickkatsaros.com>  
Nicholas Maniscalco <nicholas@maniscalco.com>  
Nicholas Ng <nickng@nickng.io>  
Nicholas Presta <nick@nickpresta.ca> <nick1presta@gmail.com>  
Nicholas Sullivan <nicholas.sullivan@gmail.com>  
Nicholas Waples <nwaples@gmail.com>  
Nick Anthony <Liberatys@outlook.com>  
Nick Cooper <nmvc@google.com>  
Nick Craig-Wood <nick@craig-wood.com> <nickcw@gmail.com>  
Nick Harper <nharper@google.com>  
Nick Kubala <nkubala@google.com>  
Nick Leli <nicholasleli@gmail.com>  
Nick Miyake <nmiyake@users.noreply.github.com>  
Nick Patavalis <nick.patavalis@gmail.com>  
Nick Petroni <npetroni@cs.umd.edu>  
Nick Robinson <nrobinson13@gmail.com>  
Nick Smolin <nick27surgut@gmail.com>  
Nicolas BRULEZ <n.brulez@gmail.com>  
Nicolas Kaiser <nikai@nikai.net>  
Nicolas Owens <mischief@offblast.org>

Nicolas S. Dade <nic.dade@gmail.com>  
Niek Sanders <niek.sanders@gmail.com>  
Niels Widger <niels.widger@gmail.com>  
Nigel Kerr <nigel.kerr@gmail.com>  
Nigel Tao <nigeltao@golang.org>  
Nik Nyby <nnyby@columbia.edu>  
Nikhil Benesch <nikhil.benesch@gmail.com>  
Nikita Gillmann <nikita@n0.is> <ng0@n0.is>  
Nikita Kryuchkov <nkryuchkov10@gmail.com>  
Nikita Vanyasin <nikita.vanyasin@gmail.com>  
Niklas Schnelle <niklas.schnelle@gmail.com>  
Niko Dziemba <niko@dziemba.com>  
Nikolay Turpitko <nikolay@turpitko.com>  
Nikson Kanti Paul <nikson.sust@gmail.com>  
Nils Larsgrd <nilsmagnus@gmail.com>  
Nir Soffer <nirsof@gmail.com>  
Niranjan Godbole <niranjan8192@gmail.com>  
Nishanth Shanmugham <nishanth.gerrard@gmail.com>  
Noah Campbell <noahcampbell@gmail.com>  
Noah Goldman <noahg34@gmail.com>  
Noble Johnson <noblepoly@gmail.com>  
Nodir Turakulov <nodir@google.com>  
Noel Georgi <git@frezbo.com>  
Norberto Lopes <nlopes.ml@gmail.com>  
Norman B. Lancaster <qbradq@gmail.com>  
Nuno Cruces <ncruces@users.noreply.github.com>  
Obei Sideg <obei.sideg@gmail.com>  
Obeyda Djefal <djefobey@gmail.com>  
Odin Ugedal <odin@ugedal.com>  
Oleg Bulatov <dmage@yandex-team.ru>  
Oleg Vakheta <helginet@gmail.com>  
Oleku Konko <oleku.konko@gmail.com>  
Oling Cat <olingcat@gmail.com>  
Oliver Hookins <ohookins@gmail.com>  
Oliver Powell <oliverpowell84@gmail.com>  
Oliver Stenbom <ostenbom@pivotal.io>  
Oliver Tan <otan@cockroachlabs.com>  
Oliver Tonnhofer <olt@bogosoftware.com>  
Olivier Antoine <olivier.antoine@gmail.com>  
Olivier Duperray <duperray.olivier@gmail.com>  
Olivier Poitrey <rs@daily-motion.com>  
Olivier Saingre <osaingre@gmail.com>  
Olivier Wulveryck <olivier.wulveryck@gmail.com>  
Omar Jarjur <ojarjur@google.com>  
Onkar Jadhav <omjadhav2610@gmail.com>  
Ori Bernstein <ori@eigenstate.org>  
Ori Rawlings <orirawlings@gmail.com>  
Oryan Moshe <iamoryanmoshe@gmail.com>

Osamu TONOMORI <osamingo@gmail.com>  
zgr Kesim <oec-go@kesim.org>  
Pablo Caderno <kaderno@gmail.com>  
Pablo Lalloni <plalloni@gmail.com>  
Pablo Rozas Larraondo <pablo.larraondo@anu.edu.au>  
Pablo Santiago Blum de Aguiar <scorphus@gmail.com>  
Padraig Kitterick <padraigkitterick@gmail.com>  
Pallat Anchaleechamaikorn <yod.pallat@gmail.com>  
Panos Georgiadis <pgeorgiadis@suse.de>  
Pantelis Sampaziotis <psampaz@gmail.com>  
Paolo Giarrusso <p.giarrusso@gmail.com>  
Paolo Martini <mrtnpaolo@gmail.com>  
Parker Moore <parkrmoore@gmail.com>  
Parminder Singh <parmsingh101@gmail.com>  
Pascal Dierich <pascal@pascaldierich.com>  
Pascal S. de Kloe <pascal@quies.net>  
Paschalis Tsilias <paschalis.tsilias@gmail.com>  
Pasi Thkp <pasi.tahkapaa@gmail.com>  
Pat Moroney <pat@pat.email>  
Patrick Barker <barkerp@vmware.com>  
Patrick Crosby <patrick@stathat.com>  
Patrick Gavlin <pgavlin@gmail.com>  
Patrick Gundlach <gundlach@speedata.de>  
Patrick Higgins <patrick.allen.higgins@gmail.com>  
Patrick Jones <ithuriel@google.com>  
Patrick Lee <pattyshack101@gmail.com>  
Patrick Mzard <patrick@mezard.eu>  
Patrick Mylund Nielsen <patrick@patrickmn.com>  
Patrick Pelletier <pp.pelletier@gmail.com>  
Patrick Riley <pfr@google.com>  
Patrick Smith <pat42smith@gmail.com>  
Patrik Lundin <patrik@sigterm.se>  
Paul A Querna <paul.querna@gmail.com>  
Paul Borman <borman@google.com>  
Paul Boyd <boyd.paul2@gmail.com>  
Paul Chang <paulchang@google.com>  
Paul D. Weber <x0bdev@gmail.com>  
Paul Davis <43160081+Pawls@users.noreply.github.com>  
Paul E. Murphy <murp@ibm.com>  
Paul Forgey <paulf@tessier-ashpool.net>  
Paul Hammond <paul@paulhammond.org>  
Paul Hankin <paulhankin@google.com>  
Paul Jolly <paul@myitcv.org.uk>  
Paul Lalonde <paul.a.lalonde@gmail.com>  
Paul M Furley <paul@paulfurley.com>  
Paul Marks <pmarks@google.com>  
Paul Meyer <paul.meyer@microsoft.com>  
Paul Nasrat <pnasrat@google.com>

Paul PISCUC <paul.piscuc@gmail.com>  
Paul Querna <pquerna@apache.org>  
Paul Rosania <paul.rosania@gmail.com>  
Paul Ruest <pruest@gmail.com>  
Paul Sbarra <Sbarra.Paul@gmail.com>  
Paul Smith <paulsmith@pobox.com> <paulsmith@gmail.com>  
Paul Tyng <paul@paultyng.net>  
Paul van Brouwershaven <paul@vanbrouwershaven.com>  
Paul Wankadia <junyer@google.com>  
Paulo Casaretto <pcasaretto@gmail.com>  
Paulo Flabiano Smorigo <pfsmorigo@linux.vnet.ibm.com>  
Paulo Gomes <paulo.gomes.uk@gmail.com>  
Pavel Paulau <pavel.paulau@gmail.com>  
Pavel Zinovkin <pavel.zinovkin@gmail.com>  
Pavlo Sumkin <ymkins@gmail.com>  
Pawel Knap <pawelknap88@gmail.com>  
Pawel Szczur <filemon@google.com>  
Pawe Szulik <pawel.szulik@intel.com>  
Pei Xian Chee <luciolas1991@gmail.com>  
Pei-Ming Wu <p408865@gmail.com>  
Percy Wegmann <ox.to.a.cart@gmail.com>  
Perry Abbott <perry.j.abbott@gmail.com>  
Petar Dambovaliev <petar.atanasov.1987@gmail.com>  
Petar Maymoukov <petarm@gmail.com>  
Peter Armitage <peter.armitage@gmail.com>  
Peter Bourgon <peter@bourgon.org>  
Peter Collingbourne <pcc@google.com>  
Peter Conerly <pconerly@gmail.com>  
Peter Dotchev <dotchev@gmail.com>  
Peter Froehlich <peter.hans.froehlich@gmail.com>  
Peter Gonda <pgonda@google.com>  
Peter Hoyes <pahoyes@gmail.com>  
Peter Kleiweg <pkleiweg@xs4all.nl>  
Peter McKenzie <petermck@google.com>  
Peter Moody <pmoody@uber.com>  
Peter Morjan <pmorjan@gmail.com>  
Peter Mundy <go.peter.90@gmail.com>  
Peter Nguyen <peter@mictis.com>  
Pter Surnyi <speter.go1@gmail.com>  
Pter Szab <pts@google.com>  
Pter Szilgyi <peterke@gmail.com>  
Peter Teichman <pteichman@fastly.com>  
Peter Tseng <ptseng@squareup.com>  
Peter Waldschmidt <peter@waldschmidt.com>  
Peter Waller <peter.waller@gmail.com>  
Peter Weinberger <pjw@golang.org>  
Peter Williams <pwil3058@gmail.com>  
Peter Wu <pwu@cloudflare.com>

Peter Zhang <i@ddatsh.com>  
Petr Jedin <petr.jediny@gmail.com>  
Petrica Voicu <pvoicu@paypal.com>  
Phil Pearl <philip.j.r.pearl@gmail.com>  
Phil Pennock <pdp@golang.org>  
Philip Brgesen <philip.brgesen@gmail.com>  
Philip Brown <phil@bolthole.com>  
Philip Hofer <phofer@umich.edu>  
Philip K. Warren <pkwarren@gmail.com>  
Philip Nelson <me@pnelson.ca>  
Philipp Stephani <phst@google.com>  
Phillip Campbell <15082+phillc@users.noreply.github.com>  
Pierre Carru <pierre.carru@eshard.com>  
Pierre Durand <pierredurand@gmail.com>  
Pierre Prinetti <pierreprinetti@gmail.com>  
Pierre Roullon <pierre.roullon@gmail.com>  
Piers <google@helloworldpro>  
Pieter Droogendijk <pieter@binky.org.uk>  
Pietro Gagliardi <pietro10@mac.com>  
Piyush Mishra <piyush@codeitout.com>  
Plekhanov Maxim <kishtatix@gmail.com>  
Poh Zi How <poh.zihow@gmail.com>  
Polina Osadcha <polliosa@google.com>  
Pontus Leitzler <leitzler@gmail.com>  
Povilas Versockas <p.versockas@gmail.com>  
Prasanga Siripala <pj@pjebs.com.au>  
Prasanna Swaminathan <prasanna@mediamath.com>  
Prashant Agrawal <prashant.a.vjti@gmail.com>  
Prashant Varanasi <prashant@prashantv.com>  
Praveen Kumar <praveen+git@kumar.in>  
Pravendra Singh <hackpravj@gmail.com>  
Preetam Jinka <pj@preet.am>  
Pure White <wu.purewhite@gmail.com>  
Qais Patankar <qaisjp@gmail.com>  
Qiuxuan Zhu <ilsh1022@gmail.com>  
Quan Tran <qeed.quan@gmail.com>  
Quan Yong Zhai <qyzhai@gmail.com>  
Quentin Perez <qperez@ocs.online.net>  
Quentin Renard <contact@asticode.com>  
Quentin Smith <quentin@golang.org>  
Quey-Liang Kao <s101062801@m101.nthu.edu.tw>  
Quim Muntal <quimmuntal@gmail.com>  
Quinn Slack <sqs@sourcegraph.com>  
Quinten Yearsley <qyearsley@chromium.org>  
Quoc-Viet Nguyen <afelion@gmail.com>  
Radek Simko <radek.simko@gmail.com>  
Radek Sohlich <sohlich@gmail.com>  
Radu Berinde <radu@cockroachlabs.com>

Rafal Jeczalik <rjeczalik@gmail.com>  
Raghavendra Nagaraj <jamdagni86@gmail.com>  
Rahul Chaudhry <rahulchaudhry@chromium.org>  
Rahul Wadhvani <rahulwadhvani21@gmail.com>  
Raif S. Naffah <go@naffah-raif.name>  
Rajat Goel <rajat.goel2010@gmail.com>  
Rajath Agasthya <rajathagasthya@gmail.com>  
Rajender Reddy Kompally <rajenderreddykompally@gmail.com>  
Ralph Corderoy <ralph@inputplus.co.uk>  
Ramazan AYYILDIZ <rayyildiz@gmail.com>  
Ramesh Dharan <dharan@google.com>  
Raph Levien <raph@google.com>  
Raphael Geronimi <raphael.geronimi@gmail.com>  
Raul Silvera <rsilvera@google.com>  
Ravil Bikbulatov <weeellz12@gmail.com>  
RaviTeja Pothana <ravi.tezu@gmail.com>  
Ray Tung <rtung@thoughtworks.com>  
Raymond Kazlauskas <raima220@gmail.com>  
Rebecca Stambler <rstambler@golang.org>  
Reilly Watson <reillywatson@gmail.com>  
Reinaldo de Souza Jr <juniorz@gmail.com>  
Remi Gillig <remigillig@gmail.com>  
Rmy Oudompheng <oudomphe@phare.normalesup.org> <remyoudompheng@gmail.com>  
Ren Ogaki <re.yuz77777@gmail.com>  
Rens Rikkerink <Ikkerens@users.noreply.github.com>  
Rhys Hiltner <rhys@justin.tv>  
Ricardo Padilha <ricardospadilha@gmail.com>  
Ricardo Pchevuzinske Katz <ricardo.katz@serpro.gov.br>  
Ricardo Seriani <ricardo.seriani@gmail.com>  
Richard Barnes <rlb@ipv.sx>  
Richard Crowley <r@rcrowley.org>  
Richard Dingwall <rdingwall@gmail.com>  
Richard Eric Gavaletz <gavaletz@gmail.com>  
Richard Gibson <richard.gibson@gmail.com>  
Richard Miller <miller.research@gmail.com>  
Richard Musiol <mail@richard-musiol.de> <neelance@gmail.com>  
Richard Ulmer <codesoap@mailbox.org>  
Richard Wilkes <wilkes@me.com>  
Rick Arnold <rickarnoldjr@gmail.com>  
Rick Hudson <rlh@golang.org>  
Rick Sayre <whorfin@gmail.com>  
Rijnard van Tonder <rvantonder@gmail.com>  
Riku Voipio <riku.voipio@linaro.org>  
Risto Jaakko Saarelm <rsaarelm@gmail.com>  
Rob Earhart <earhart@google.com>  
Rob Findley <rfindley@google.com>  
Rob Norman <rob.norman@infinitycloud.com>  
Rob Phoenix <rob@robphoenix.com>



Rob Pike <r@golang.org>  
Robert Ayrapetyan <robert.ayrapetyan@gmail.com>  
Robert Daniel Kortschak <dan.kortschak@adelaide.edu.au> <dan@kortschak.io>  
Robert Dinu <r@varp.se>  
Robert Figueiredo <robfig@gmail.com>  
Robert Griesemer <gri@golang.org>  
Robert Hencke <robert.hencke@gmail.com>  
Robert Iannucci <iannucci@google.com>  
Robert Kuska <rkuska@gmail.com>  
Robert Obryk <robryk@gmail.com>  
Robert Seseek <rseseek@google.com>  
Robert Snedegar <roberts@google.com>  
Robert Stepanek <robert.stepanek@gmail.com>  
Robert van Gent <rvangent@google.com>  
Robert-Andr Mauchin <zebob.m@gmail.com>  
Roberto Clapis <robclap8@gmail.com>  
Roberto Selbach <roberto@selbach.ca>  
Robin Eklind <r.eklind.87@gmail.com>  
Robin Zhong <robin@robinzhong.co>  
Rodolfo Carvalho <rhcarvalho@gmail.com>  
Rodolfo Rodriguez <rodolfobgibson@gmail.com>  
Rodrigo Moraes de Oliveira <rodrigo.moraes@gmail.com>  
Rodrigo Rafael Monti Kochenburger <divoxx@gmail.com>  
Roger Pau Monn <royger@gmail.com>  
Roger Peppe <rogpeppe@gmail.com>  
Rohan Challa <rohan@golang.org>  
Rohan Verma <rohanverma2004@gmail.com>  
Rohith Ravi <entombedvirus@gmail.com>  
Roland Illig <roland.illig@gmx.de>  
Roland Shoemaker <rolandshoemaker@gmail.com>  
Romain Bague <romain.bague@elwinar.com>  
Roman Budnikov <romanyx90@yandex.ru>  
Roman Kollr <roman.kollar.0@gmail.com>  
Roman Shchekin <mrqtros@gmail.com>  
Ron Hashimoto <mail@h2so5.net>  
Ron Minnich <rminnich@gmail.com>  
Ronnie Ebrin <ebrin.ronnie@protonmail.com>  
Ross Chater <rdchater@gmail.com>  
Ross Kinsey <rossikinsey@gmail.com>  
Ross Light <light@google.com> <rlight2@gmail.com>  
Ross Smith II <ross@smithii.com>  
Rowan Marshall <rowanajmarshall@gmail.com>  
Rowan Worth <sqweek@gmail.com>  
Rudi Kramer <rudi.kramer@gmail.com>  
Rui Ueyama <ruiiu@google.com>  
Ruixin Bao <ruixin.bao@ibm.com>  
Ruslan Nigmatullin <elessar@dropbox.com>  
Russ Cox <rsc@golang.org>

Russell Haering <russellhaering@gmail.com>  
Ryan Bagwell <ryanbagwell@outlook.com>  
Ryan Barrett <ryanb@google.com>  
Ryan Boehning <ryan.boehning@apcera.com>  
Ryan Brown <ribrdb@google.com>  
Ryan Canty <jrcanty@gmail.com>  
Ryan Dahl <ry@tinyclouds.org>  
Ryan Hitchman <hitchmanr@gmail.com>  
Ryan Kohler <ryankohler@google.com>  
Ryan Lower <rpjlower@gmail.com>  
Ryan Roden-Corrent <ryan@rcorre.net>  
Ryan Seys <ryan@ryanseys.com>  
Ryan Slade <ryanslade@gmail.com>  
Ryan Zhang <ryan.zhang@docker.com>  
Ryoichi KATO <ryo1kato@gmail.com>  
Ryuji Iwata <qt.luigi@gmail.com>  
Ryuma Yoshida <ryuma.y1117@gmail.com>  
Ryuzo Yamamoto <ryuzo.yamamoto@gmail.com>  
S.alar Onur <caglar@10ur.org>  
Sabin Mihai Rapan <sabin.rapan@gmail.com>  
Sad Pencil <qh06@qq.com>  
Sai Cheemalapati <saicheems@google.com>  
Sai Kiran Dasika <kirandasika30@gmail.com>  
Sakeven Jiang <jc5930@sina.cn>  
Salaheddin M. Mahmud <salah.mahmud@gmail.com>  
Salmn Aljammz <s@0x65.net>  
Sam Arnold <sarnold64@bloomberg.net>  
Sam Boyer <tech@samboyer.org>  
Sam Chen <chenxsan@gmail.com>  
Sam Cross <samgcdev@gmail.com>  
Sam Ding <samding@ca.ibm.com>  
Sam Hug <samuel.b.hug@gmail.com>  
Sam Thorogood <thorogood@google.com> <sam.thorogood@gmail.com>  
Sam Whited <sam@samwhited.com>  
Sam Xie <xsambundy@gmail.com>  
Sameer Ajmani <sameer@golang.org> <ajmani@gmail.com>  
Sami Commerot <samic@google.com>  
Sami Pnknen <sami.ponkanen@gmail.com>  
Samuel Kelemen <SCKelemen@users.noreply.github.com>  
Samuel Tan <samueltan@google.com>  
Samuele Pedroni <pedronis@lucediarua.net>  
Sander van Harmelen <sander@vanharmelen.nl>  
Sanjay Menakuru <balasanjay@gmail.com>  
Santhosh Kumar Tekuri <santhosh.tekuri@gmail.com>  
Santiago De la Cruz <51337247+xhit@users.noreply.github.com>  
Sarah Adams <shadams@google.com>  
Sardorbek Pulatov <sardorbek.pulatov@outlook.com>  
Sascha Brawer <sascha@brawer.ch>

Sasha Lionheart <lionhearts@google.com>  
Sasha Sobol <sasha@scaledinference.com>  
Scott Barron <scott.barron@github.com>  
Scott Bell <scott@sctsm.com>  
Scott Crunkleton <crunk1@gmail.com>  
Scott Ferguson <scottwferg@gmail.com>  
Scott Lawrence <bytbody@gmail.com>  
Scott Mansfield <smansfield@netflix.com>  
Scott Ragan <ragansa@fb.com>  
Scott Schwartz <scotts@golang.org>  
Scott Van Woudenberg <scottvw@google.com>  
Sean Burford <sburford@google.com>  
Sean Chen <oohcode@gmail.com>  
Sean Chittenden <seanc@joyent.com>  
Sean Christopherson <sean.j.christopherson@intel.com>  
Sean Dolphin <Sean.Dolphin@kpcompass.com>  
Sean Harger <sharger@google.com>  
Sean Hildebrand <seanwhildebrand@gmail.com>  
Sean Liao <seankhliao@gmail.com>  
Sean Rees <sean@erifax.org>  
Sebastiaan van Stijn <github@gone.nl>  
Sebastian Chlopecki <sebsebmc@gmail.com>  
Sebastian Kinne <skinne@google.com>  
Sebastian Schmidt <yath@google.com>  
Sebastien Binet <seb.binet@gmail.com>  
Sbastien Paolacci <sebastien.paolacci@gmail.com>  
Sebastien Williams-Wynn <sebastien@cytora.com>  
Segev Finer <segev208@gmail.com>  
Seiji Takahashi <timaki.st@gmail.com>  
Sergei Lemeshkin <sergeilem@gmail.com>  
Sergei Skorobogatov <skorobo@rambler.ru>  
Sergei Zagurskii <gvozdoder@gmail.com>  
Sergey 'SnakE' Gromov <snake.scaly@gmail.com>  
Sergey Arseev <sergey.arseev@intel.com>  
Sergey Dobrodey <sergey.dobrodey@synesis.ru>  
Sergey Frolov <sfrolov@google.com>  
Sergey Glushchenko <gs serge@gmail.com>  
Sergey Ivanov <ser1325@gmail.com>  
Sergey Lukjanov <me@slukjanov.name>  
Sergey Mishin <sergeymishine@gmail.com>  
Sergey Mudrik <sergey.mudrik@gmail.com>  
Sergey Semin <gray12511@gmail.com>  
Sergey Yanykin <syanykin@ozon.ru>  
Sergio Luis O. B. Correia <sergio@correia.cc>  
Sergiusz Bazanski <bazanski@gmail.com>  
Serhat Giydiren <serhatgiydiren@gmail.com>  
Serhii Aheienko <serhii.aheienko@gmail.com>  
Seth Hoenig <seth.a.hoenig@gmail.com>

Seth Vargo <sethvargo@gmail.com>  
Shahar Kohanim <skohanim@gmail.com>  
Shailesh Suryawanshi <ss.shailesh28@gmail.com>  
Shamil Garatuev <garatuev@gmail.com>  
Shane Hansen <shanemhansen@gmail.com>  
Shang Jian Ding <sding3@ncsu.edu>  
Shaozhen Ding <dsz0111@gmail.com>  
Shaquille Que <shaquille@golang.org>  
Shaquille Wyan Que <shaqywyuan@gmail.com>  
Shaun Dunning <shaun.dunning@uservoice.com>  
Shawn Elliott <sellott@microsoft.com>  
Shawn Ledbetter <sledbetter@google.com>  
Shawn Smith <shawn.p.smith@gmail.com>  
Shawn Walker-Salas <shawn.walker@oracle.com>  
Shenghou Ma <minux@golang.org> <minux.ma@gmail.com>  
Shengjing Zhu <zs950618@gmail.com>  
Shengyu Zhang <shengyu.zhang@chaitin.com>  
Shi Han Ng <shihanng@gmail.com>  
ShihCheng Tu <mrtoastcheng@gmail.com>  
Shijie Hao <haormj@gmail.com>  
Shin Fan <shinfan@google.com>  
Shinji Tanaka <shinji.tanaka@gmail.com>  
Shinnosuke Sawada <6warashi9@gmail.com>  
Shintaro Kaneko <kaneshin0120@gmail.com>  
Shivakumar GN <shivakumar.gn@gmail.com>  
Shivani Singhal <shivani.singhal2804@gmail.com>  
Shivansh Rai <shivansh@freebsd.org>  
Shivashis Padhi <shivashispadhi@gmail.com>  
Shubham Sharma <shubham.sha12@gmail.com>  
Shun Fan <sfan@google.com>  
Silvan Jegen <s.jegen@gmail.com>  
Simarpreet Singh <simar@linux.com>  
Simon Drake <simondrake1990@gmail.com>  
Simon Ferquel <simon.ferquel@docker.com>  
Simon Frei <freisim93@gmail.com>  
Simon Jefford <simon.jefford@gmail.com>  
Simon Rawet <simon@rawet.se>  
Simon Rozman <simon@rozman.si>  
Simon Ser <contact@emersion.fr>  
Simon Thulbourn <simon+github@thulbourn.com>  
Simon Whitehead <chemnova@gmail.com>  
Sina Siadat <siadat@gmail.com>  
Sjoerd Siebinga <sjoerd.siebinga@gmail.com>  
Sokolov Yura <funny.falcon@gmail.com>  
Song Gao <song@gao.io>  
Songjiayang <songjiayang1@gmail.com>  
Soojin Nam <jsunam@gmail.com>  
Sren L. Hansen <soren@linux2go.dk>

Sparrow Li <liyuanclx@gmail.com>  
Spencer Kocot <spencerkocot@gmail.com>  
Spencer Nelson <s@spenczar.com>  
Spencer Tung <spencertung@google.com>  
Spring Mc <heresy.mc@gmail.com>  
Srdjan Petrovic <spetrovic@google.com>  
Sridhar Venkatakrishnan <sridhar@laddoo.net>  
Srinidhi Kaushik <shrividhi.kaushik@gmail.com>  
StalkR <stalkr@stalkr.net>  
Stan Hu <stanhu@gmail.com>  
Stan Schwertly <stan@schwertly.com>  
Stanislav Afanasev <php.progger@gmail.com>  
Steeve Morin <steeve.morin@gmail.com>  
Stefan Baebler <sbaebler@outbrain.com>  
Stefan Nilsson <snilsson@nada.kth.se> <trolleriprofessorn@gmail.com>  
Stepan Shabalin <neverliberty@gmail.com>  
Stephan Klatt <stephan.klatt@gmail.com>  
Stephan Rénatus <srenatus@chef.io>  
Stephan Zuercher <zuercher@gmail.com>  
Stéphane Travostino <stephane.travostino@gmail.com>  
Stephen Lewis <stephen@sock.org.uk>  
Stephen Lu <steuhs@users.noreply.github.com>  
Stephen Ma <stephenm@golang.org>  
Stephen McQuay <stephen@mcquay.me>  
Stephen Searles <stephens2424@gmail.com>  
Stephen Weinberg <stephen@q5comm.com>  
Steve Francia <spf@golang.org>  
Steve Gilbert <stevegilbert23@gmail.com>  
Steve LoFurno <slofurno@gmail.com>  
Steve McCoy <mccoyst@gmail.com>  
Steve Mynott <steve.mynott@gmail.com>  
Steve Newman <snewman@google.com>  
Steve Phillips <elimistev@gmail.com>  
Steve Streeting <steve@stevestreeting.com>  
Steve Traut <strauf@google.com>  
Steven Buss <sbuss@google.com>  
Steven Elliot Harris <seharris@gmail.com>  
Steven Erenst <stevenerenst@gmail.com>  
Steven Hartland <steven.hartland@multiplay.co.uk>  
Steven Littlebrant <imgroxx@gmail.com>  
Steven Maude <git@stevenmaude.co.uk>  
Steven Wilkin <stevenwilkin@gmail.com>  
Stuart Jansen <sjansen@buscaluz.org>  
Subham Sarkar <sarkar.subhams2@gmail.com>  
Sue Spence <virtuallysue@gmail.com>  
Sugu Sougoumarane <ssougou@gmail.com>  
Suharsh Sivakumar <suharshs@google.com>  
Sukrit Handa <sukrit.handa@utoronto.ca>

Sunny <me@darkowlzz.space>  
Suriyaa Sundararuban <suriyaasundararuban@gmail.com>  
Suyash <dextrous93@gmail.com>  
Suzy Mueller <suzmue@golang.org>  
Sven Almgren <sven@tras.se>  
Sven Blumenstein <svbl@google.com>  
Sven Taute <sven.taute@gmail.com>  
Sylvain Zimmer <sylvain@sylvainzimmer.com>  
Syohei YOSHIDA <syohex@gmail.com>  
Szabolcs Nagy <nsz@port70.net>  
Taavi Kivisik <taavi.kivisik@gmail.com>  
Tad Fisher <tadfisher@gmail.com>  
Tad Glines <tad.glines@gmail.com>  
Tadas Valiukas <tadovas@gmail.com>  
Tadeo Kondrak <me@tadeo.ca>  
Taesu Pyo <pyotaesu@gmail.com>  
Tai Le <letientai299@gmail.com>  
Taj Khattrra <taj.khattrra@gmail.com>  
Takashi Matsuo <tmatsuo@google.com>  
Takashi Mima <tkm1205@gmail.com>  
Takayoshi Nishida <takayoshi.nishida@gmail.com>  
Takeshi YAMANASHI <9.nashi@gmail.com>  
Takuto Ikuta <tikuta@google.com>  
Takuya Ueda <uedatakuya@gmail.com>  
Tal Shprecher <tshprecher@gmail.com>  
Tams Gulcsi <tgulacsi78@gmail.com>  
Tamir Duberstein <tamird@gmail.com>  
Tao Qingyun <qingyunha@gmail.com>  
Tao Shen <shentaoskyking@gmail.com>  
Tao Wang <twang2218@gmail.com>  
Tarmigan Casebolt <tarmigan@gmail.com>  
Taro Aoki <aizu.s1230022@gmail.com>  
Taru Karttunen <taruti@taruti.net>  
Tatsuhiko Tsujikawa <tatsuhiko.t@gmail.com>  
Tatsuya Kaneko <m.ddot.f@gmail.com>  
Taufiq Rahman <taufiqrx8@gmail.com>  
Teague Cole <tnc1443@gmail.com>  
Ted Kornish <golang@tedkornish.com>  
Tejasvi Nareddy <tejunareddy@gmail.com>  
Terin Stock <terinjokes@gmail.com>  
Terrel Shumway <gopher@shumway.us>  
Tetsuo Kiso <tetsuokiso9@gmail.com>  
Than McIntosh <thanm@google.com>  
Thanabodee Charoenpiriyakij <wingyminus@gmail.com>  
Thanatat Tamtan <acoshift@gmail.com>  
The Hatsune Daishi <nao20010128@gmail.com>  
Thiago Avelino <t@avelino.xxx>  
Thiago Fransosi Farina <thiago.farina@gmail.com> <tfarina@chromium.org>

Thom Wiggers <thom@thomwiggers.nl>  
Thomas Alan Copeland <talan.copeland@gmail.com>  
Thomas Bonfort <thomas.bonfort@gmail.com>  
Thomas Bouldin <inlined@google.com>  
Thomas Bruyelle <thomas.bruyelle@gmail.com>  
Thomas Bushnell, BSG <tbushnell@google.com>  
Thomas de Zeeuw <thomasdezeeuw@gmail.com>  
Thomas Desrosiers <thomasdesr@gmail.com>  
Thomas Habets <habets@google.com>  
Thomas Kappler <tkappler@gmail.com>  
Thomas Meson <zllak@hycik.org>  
Thomas Symborski <thomas.symborski@gmail.com>  
Thomas Wanielista <tomwans@gmail.com>  
Thorben Krueger <thorben.krueger@gmail.com>  
Thordur Bjornsson <thorduri@secnorth.net>  
Tiago Queiroz <contato@tiago.eti.br>  
Tianji Wu <the729@gmail.com>  
Tianon Gravi <admwiggin@gmail.com>  
Tilman Dilo <tilman.dilo@gmail.com>  
Tim Cooijmans <timcooijmans@gmail.com>  
Tim Cooper <tim.cooper@layeh.com>  
Tim Ebringer <tim.ebringer@gmail.com>  
Tim Heckman <t@heckman.io>  
Tim Henderson <tim.tadh@gmail.com>  
Tim Hockin <thockin@google.com>  
Tim King <taking@google.com>  
Tim Mhlmann <muhlemmer@gmail.com>  
Tim Swast <swast@google.com>  
Tim Wright <tenortim@gmail.com>  
Tim Xu <xiaoxubei@gmail.com>  
Timmy Douglas <timmyd983@gmail.com>  
Timo Savola <timo.savola@gmail.com>  
Timo Truyts <alkaloid.btx@gmail.com>  
Timothy Gu <timothygu99@gmail.com>  
Timothy Studd <tim@timstudd.com>  
Tipp Moseley <tipp@google.com>  
Tiwei Bie <tiwei.btw@antgroup.com>  
Tobias Assarsson <tobias.assarsson@gmail.com>  
Tobias Columbus <tobias.columbus@gmail.com> <tobias.columbus@googlemail.com>  
Tobias Klauser <tklauser@distanz.ch>  
Toby Burrell <kurin@google.com>  
Todd Kulesza <tkulesza@google.com>  
Todd Neal <todd@tneal.org>  
Todd Wang <toddwang@gmail.com>  
Tom Anthony <git@tomanthony.co.uk>  
Tom Bergan <tombergan@google.com>  
Tom Heng <zhm20070928@gmail.com>  
Tom Lanyon <tomlanyon@google.com>

Tom Levy <tomlevy93@gmail.com>  
Tom Limoncelli <tal@whatexit.org>  
Tom Linfoord <tomlinford@gmail.com>  
Tom Panton <tom@tomandtally.co.uk>  
Tom Parkin <tom.parkin@gmail.com>  
Tom Payne <twpayne@gmail.com>  
Tom Szymanski <tgs@google.com>  
Tom Thorogood <me+google@tomthorogood.co.uk>  
Tom Wilkie <tom@weave.works>  
Tom Zierbock <tomzierbock@gmail.com>  
Tomas Dabasinskas <tomas@dabasinskas.net>  
Tommy Schaefer <tommy.schaefer@teecom.com>  
Tomohiro Kusumoto <zabio1192@gmail.com>  
Tomoya Ishizaki <zaq1tomo@gmail.com>  
Tonis Tiigi <tonistiigi@gmail.com>  
Tony Reix <tony.reix@bull.net>  
Tony Walker <walkert.uk@gmail.com>  
Tooru Takahashi <tooru.takahashi134@gmail.com>  
Tor Andersson <tor.andersson@gmail.com>  
Torben Schinke <torben.schinke@neotos.de>  
Tormod Erevik Lea <tormodlea@gmail.com>  
Toshihiro Shiino <shiino.toshihiro@gmail.com>  
Toshiki Shima <hayabusa1419@gmail.com>  
Totoro W <tw19881113@gmail.com>  
Travis Bischel <travis.bischel@gmail.com>  
Travis Cline <travis.cline@gmail.com>  
Trevor Strohman <trevor.strohman@gmail.com>  
Trey Lawrence <lawrence.trey@gmail.com>  
Trey Roessig <trey.roessig@gmail.com>  
Trey Tacon <ttacon@gmail.com>  
Tristan Amini <tamini01@ca.ibm.com>  
Tristan Colgate <tcolgate@gmail.com>  
Tristan Oohry <ooohry@gmail.com>  
Tristan Rice <rice@fn.lc>  
Troels Thomsen <troels@thomsen.io>  
Trong Bui <trong.buiquoc@gmail.com>  
Trung Nguyen <trung.n.k@gmail.com>  
Tsuji Daishiro <dram.dt.shonan@gmail.com>  
Tudor Golubenco <tudor.g@gmail.com>  
Tugdual Saunier <tugdual.saunier@gmail.com>  
Tuo Shan <sturbo89@gmail.com> <shantuo@google.com>  
Tyler Bui-Palsulich <tpalsulich@google.com>  
Tyler Bunnell <tylerbunnell@gmail.com>  
Tyler Treat <ttreat31@gmail.com>  
Tyson Andre <tysonandre775@gmail.com>  
Tzach Shabtay <tzachshabtay@gmail.com>  
Tzu-Chiao Yeh <su3g4284zo6y7@gmail.com>  
Tzu-Jung Lee <roylee17@currant.com>



Udalov Max <re.udalov@gmail.com>  
Ugorji Nwoke <ugorji@gmail.com>  
Ulf Holm Nielsen <doktor@dyregod.dk>  
Ulrich Kunitz <uli.kunitz@gmail.com>  
Umang Parmar <umangjparmar@gmail.com>  
Uriel Mangado <uriel@berlinblue.org>  
Urvil Patel <patelurvil38@gmail.com>  
Utkarsh Dixit <53217283+utkarsh-extc@users.noreply.github.com>  
Uttam C Pawar <uttam.c.pawar@intel.com>  
Vadim Grek <vadimprog@gmail.com>  
Vadim Vygonets <unixdj@gmail.com>  
Val Polouchkine <vpolouch@justin.tv>  
Valentin Vidic <vvidic@valentin-vidic.from.hr>  
Vee Zhang <veezhang@126.com> <vveezhang@gmail.com>  
Vega Garcia Luis Alfonso <vegacom@gmail.com>  
Venil Noronha <veniln@vmware.com>  
Veselkov Konstantin <kostozyb@gmail.com>  
Viacheslav Poturaev <vearutop@gmail.com>  
Victor Chudnovsky <vchudnov@google.com>  
Victor Michel <victor@optimize.cloud>  
Victor Vrantchan <vrancean+github@gmail.com>  
Vignesh Ramachandra <vickyramachandra@gmail.com>  
Vikas Kedia <vikask@google.com>  
Ville Skytt <ville.skytta@iki.fi>  
Vincent Ambo <tazjin@googlemail.com>  
Vincent Batts <vbatts@hashbangbash.com> <vbatts@gmail.com>  
Vincent Vanackere <vincent.vanackere@gmail.com>  
Vinu Rajashekhar <vinutheraj@gmail.com>  
Vish Subramanian <vish@google.com>  
Vishvananda Ishaya <vishvananda@gmail.com>  
Visweswara R <r.visweswara@gmail.com>  
Vitaly Zdanevich <zdanevich.vitaly@ya.ru>  
Vitor De Mario <vitordemario@gmail.com>  
Vivek Sekhar <vsekhar@google.com>  
Vivek V <iamvivekv96@gmail.com>  
Vivian Liang <vliang88@gmail.com>  
Vlad Krasnov <vlad@cloudflare.com>  
Vladimir Evgrafov <evgrafov.vladimir@gmail.com>  
Vladimir Kovpak <cn007b@gmail.com>  
Vladimir Kuzmin <vkuzmin@uber.com>  
Vladimir Mihailenco <vladimir.webdev@gmail.com>  
Vladimir Nikishenko <vova616@gmail.com>  
Vladimir Stefanovic <vladimir.stefanovic@imgtec.com>  
Vladimir Varankin <nek.narqo@gmail.com>  
Vojtech Bocek <vbocek@gmail.com>  
Volker Dobler <dr.volker.dobler@gmail.com>  
Volodymyr Paprotski <vpaprots@ca.ibm.com>  
W. Trevor King <wking@tremily.us>

Wade Simmons <wade@wades.im>  
Wagner Riffel <wgriffel@gmail.com>  
Walt Della <walt@javins.net>  
Walter Poupore <wpoupore@google.com>  
Wander Lairson Costa <wcosta@mozilla.com>  
Wang Xuerui <git@xen0n.name>  
Warren Fernandes <warren.f.fernandes@gmail.com>  
Wayne Ashley Berry <wayneashleyberry@gmail.com>  
Wedson Almeida Filho <wedsonaf@google.com>  
Weerasak Chongnguluam <singpor@gmail.com>  
Wi Cngru <crvv.mail@gmail.com>  
Wei Fu <fhfuwei@163.com>  
Wei Guangjing <vcc.163@gmail.com>  
Wei Xiao <wei.xiao@arm.com>  
Wei Xikai <xykwei@gmail.com>  
Weichao Tang <tevic.tt@gmail.com>  
Wembley G. Leach, Jr <wembley.gl@gmail.com>  
Wenlei (Frank) He <wlhe@google.com>  
Wenzel Lowe <lowewenzel@gmail.com>  
Wil Selwood <wselwood@gmail.com>  
Wilfried Teiken <wteiken@google.com>  
Will Beason <willbeason@gmail.com>  
Will Chan <willchan@google.com>  
Will Faught <will.faught@gmail.com>  
Will Morrow <wmorrow.qdt@qualcommdatacenter.com>  
Will Norris <willnorris@google.com>  
Will Storey <will@summercat.com>  
Willem van der Schyff <willemvds@gmail.com>  
William Chan <willchan@chromium.org>  
William Chang <mr.williamchang@gmail.com>  
William Josephson <wjosephson@gmail.com>  
William Orr <will@worrbase.com> <ay1244@gmail.com>  
William Poussier <william.poussier@gmail.com>  
Wisdom Omuya <deafgoat@gmail.com>  
Wu Yunzhou <yunzhouwu@gmail.com>  
Xi Ruoyao <xry23333@gmail.com>  
Xia Bin <snyh@snyh.org>  
Xiangdong Ji <xiangdong.ji@arm.com>  
Xiaodong Liu <teaofmoli@gmail.com>  
Xing Xing <mikespook@gmail.com>  
Xingqang Bai <bxq2011hust@qq.com>  
Xu Fei <badgangkiller@gmail.com>  
Xudong Zhang <felixmelon@gmail.com>  
Xudong Zheng <7pkvm5aw@slicealias.com>  
Xuyang Kang <xuyangkang@gmail.com>  
Yamagishi Kazutoshi <ykzts@desire.sh>  
Yan Zou <yzou@google.com>  
Yang Hau <vulxj0j8j8@gmail.com>

Yang Tian <linuxxy@gmail.com>  
Yann Hodique <yhodique@google.com>  
Yann Kerherv <yann.kerherve@gmail.com>  
Yann Salan <yannsalaun1@gmail.com>  
Yannic Bonenberger <contact@yannic-bonenberger.com>  
Yao Zhang <lunaria21@gmail.com>  
Yaron de Leeuw <jarondl@google.com>  
Yaroslav Vorobiov <yar.vorobiov@gmail.com>  
Yasha Bubnov <girokompass@gmail.com>  
Yasser Abdolmaleki <yasser@yasser.ca>  
Yasuharu Goto <matope.ono@gmail.com>  
Yasuhiro Matsumoto <mattn.jp@gmail.com>  
Yasuyuki Oka <yasuyk@gmail.com>  
Yazen Shunnar <yazen.shunnar@gmail.com>  
Yestin Sun <ylyh@pdx.edu>  
Yesudeep Mangalapilly <yesudeep@google.com>  
Yissakhar Z. Beck <yissakhar.beck@gmail.com>  
Yo-An Lin <yoanlin93@gmail.com>  
Yohei Takeda <yo.tak0812@gmail.com>  
Yongjian Xu <i3dmaster@gmail.com>  
Yorman Arias <cixtords@gmail.com>  
Yoshiyuki Kanno <nekotaroh@gmail.com> <yoshiyuki.kanno@stoic.co.jp>  
Yoshiyuki Mineo <yoshiyuki.mineo@gmail.com>  
Yosuke Akatsuka <yosuke.akatsuka@gmail.com>  
Yu Heng Zhang <annita.zhang@cn.ibm.com>  
Yu Xuan Zhang <zyxsh@cn.ibm.com>  
Yuichi Kishimoto <yk2220s@gmail.com>  
Yuichi Nishiwaki <yuichi.nishiwaki@gmail.com>  
Yuji Yaginuma <yuuji.yaginuma@gmail.com>  
Yuki OKUSHI <huyuumi.dev@gmail.com>  
Yuki Yugui Sonoda <yugui@google.com>  
Yukihiro Nishinaka <6elpinal@gmail.com>  
Yury Smolsky <yury@smolsky.by>  
Yusuke Kagiwada <block.rxckin.beats@gmail.com>  
Yuusei Kuwana <kuwana@kumama.org>  
Yuval Pavel Zholkover <paulzhol@gmail.com>  
Yves Junqueira <yvesj@google.com> <yves.junqueira@gmail.com>  
Zac Bergquist <zbergquist99@gmail.com>  
Zach Bintliff <zbintliff@gmail.com>  
Zach Gershman <zachgersh@gmail.com>  
Zach Jones <zachj1@gmail.com>  
Zachary Amsden <zach@thundertoken.com>  
Zachary Gershman <zgershman@pivotal.io>  
Zak <zrjknill@gmail.com>  
Zakatell Kanda <hi@zkanda.io>  
Zellyn Hunter <zellyn@squareup.com> <zellyn@gmail.com>  
Zev Goldstein <zev.goldstein@gmail.com>  
Zhang Boyang <zhangboyang.id@gmail.com>

Zheng Dayu <davidzheng23@gmail.com>  
Zheng Xu <zheng.xu@arm.com>  
Zhengyu He <hzy@google.com>  
Zhongpeng Lin <zplin@uber.com>  
Zhongtao Chen <chenzhongtao@126.com>  
Zhongwei Yao <zhongwei.yao@arm.com>  
Zhou Peng <p@ctruple.cn>  
Ziad Hatahet <hatahet@gmail.com>  
Ziheng Liu <lzhfromustc@gmail.com>  
Zorion Arrizabalaga <zorionk@gmail.com>  
Zyad A. Ali <zyad.ali.me@gmail.com>  
<a.maksadbek@gmail.com>  
<max.faceless.frei@gmail.com>  
<hagen1778@gmail.com>  
<tbunyk@gmail.com>  
<faxriddinjon@gmail.com>  
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<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

# 1.339 py3-webencodings 0.5.1-r4

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""

webencodings.mklables

~~~~~

Regenerate the webencodings.labels module.

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""

```

import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen

def assert_lower(string):
    assert string == string.lower()
    return string

def generate(url):
    parts = ["\
    """
    webencodings.labels
    ~~~~~

    Map encoding labels to their name.

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    """

    # XXX Do not edit!
    # This file is automatically generated by mklabels.py

    LABELS = {
    ""
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
         for category in json.loads(urlopen(url).read().decode('ascii'))
         for encoding in category['encodings']
         for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        ' %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ".join(parts)

if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))

```

Found in path(s):

\* /opt/cola/permits/1174847361\_1630481812.81/0/python-webencodings-0-5-1-orig-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py

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```
from setuptools import setup, find_packages
```

```
import io
```

```
from os import path
```

```
import re
```

```
VERSION = re.search("VERSION = '([^\s]+)'", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8'
).read().strip()).group(1)
```

```
LONG_DESCRIPTION = io.open(
    path.join(path.dirname(__file__), 'README.rst'),
    encoding='utf-8'
).read()
```

```
setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
        'Development Status :: 4 - Beta',
        'Intended Audience :: Developers',
        'License :: OSI Approved :: BSD License',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.6',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: Implementation :: CPython',
        'Programming Language :: Python :: Implementation :: PyPy',
```

```
'Topic :: Internet :: WWW/HTTP',  
],  
packages=find_packages(),  
)
```

Found in path(s):

```
* /opt/cola/permits/1174847361_1630481812.81/0/python-webencodings-0-5-1-orig-1-tar-gz/webencodings-0.5.1/setup.py
```

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Metadata-Version: 1.1

Name: webencodings

Version: 0.5.1

Summary: Character encoding aliases for legacy web content

Home-page: <https://github.com/SimonSapin/python-webencodings>

Author: Geoffrey Sneddon

Author-email: [me@gsnedders.com](mailto:me@gsnedders.com)

License: BSD

Description: python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard` [<http://encoding.spec.whatwg.org/>](http://encoding.spec.whatwg.org/)` \_.

- \* Latest documentation: <http://packages.python.org/webencodings/>
- \* Source code and issue tracker:  
<https://github.com/gsnedders/python-webencodings>
- \* PyPI releases: <http://pypi.python.org/pypi/webencodings>
- \* License: BSD
- \* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Programming Language :: Python  
Classifier: Programming Language :: Python :: 2  
Classifier: Programming Language :: Python :: 2.6  
Classifier: Programming Language :: Python :: 2.7  
Classifier: Programming Language :: Python :: 3  
Classifier: Programming Language :: Python :: 3.3  
Classifier: Programming Language :: Python :: 3.4  
Classifier: Programming Language :: Python :: 3.5  
Classifier: Programming Language :: Python :: 3.6  
Classifier: Programming Language :: Python :: Implementation :: CPython  
Classifier: Programming Language :: Python :: Implementation :: PyPy  
Classifier: Topic :: Internet :: WWW/HTTP

Found in path(s):

\* /opt/cola/permits/1174847361\_1630481812.81/0/python-webencodings-0-5-1-orig-1-tar-gz/webencodings-0.5.1/PKG-INFO

\* /opt/cola/permits/1174847361\_1630481812.81/0/python-webencodings-0-5-1-orig-1-tar-gz/webencodings-0.5.1/webencodings.egg-info/PKG-INFO

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\* /opt/cola/permits/1174847361\_1630481812.81/0/python-webencodings-0-5-1-orig-1-tar-gz/webencodings-0.5.1/webencodings/tests.py

\* /opt/cola/permits/1174847361\_1630481812.81/0/python-webencodings-0-5-1-orig-1-tar-gz/webencodings-0.5.1/webencodings/x\_user\_defined.py

\* /opt/cola/permits/1174847361\_1630481812.81/0/python-webencodings-0-5-1-orig-1-tar-gz/webencodings-0.5.1/webencodings/\_\_init\_\_.py

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python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard  
<<http://encoding.spec.whatwg.org/>>`.

\* Latest documentation: <http://packages.python.org/webencodings/>

\* Source code and issue tracker:

<https://github.com/gsnedders/python-webencodings>

\* PyPI releases: <http://pypi.python.org/pypi/webencodings>

\* License: BSD

\* Python 2.6+ and 3.3+

In order to be compatible with legacy web content

when interpreting something like ``Content-Type: text/html; charset=latin1``,

tools need to use a particular set of aliases for encoding labels

as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

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## 1.340 google-go-cmp 0.5.4

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# 1.341 libtool 2.4.6-14

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@end display

@enumerate 0

@item

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```
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```
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## 1.343 gosnmp 1.32.0

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# 1.344 xpath 1.2.0

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principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
| 2.5.3   | 2.5.2        | 2008 | PSF   | yes                 |
| 2.6     | 2.5          | 2008 | PSF   | yes                 |
| 2.6.1   | 2.6          | 2008 | PSF   | yes                 |
| 2.6.2   | 2.6.1        | 2009 | PSF   | yes                 |
| 2.6.3   | 2.6.2        | 2009 | PSF   | yes                 |
| 2.6.4   | 2.6.3        | 2009 | PSF   | yes                 |
| 2.6.5   | 2.6.4        | 2010 | PSF   | yes                 |
| 3.0     | 2.6          | 2008 | PSF   | yes                 |
| 3.0.1   | 3.0          | 2009 | PSF   | yes                 |
| 3.1     | 3.0.1        | 2009 | PSF   | yes                 |
| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
| 3.1.2   | 3.1.1        | 2010 | PSF   | yes                 |
| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |
| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
| 3.2     | 3.1          | 2011 | PSF   | yes                 |
| 3.2.1   | 3.2          | 2011 | PSF   | yes                 |
| 3.2.2   | 3.2.1        | 2011 | PSF   | yes                 |
| 3.3     | 3.2          | 2012 | PSF   | yes                 |

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## 1.347 golang-genproto 0.0.0-20201022181438-0ff5f38871d5

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## 1.348 python-requests-unixsocket 0.2.0-2



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Marc Abramowitz

immerrr again

Alexander Artemenko

Aymeric Augustin

Lee Ball

Ben Bariteau

Ned Batchelder

Wouter Bolsterlee

Brett Cannon

Jason R. Coombs

Julien Danjou

Ben Darnell

Ben Davis

Jon Dufresne

Tim Graham

Thomas Grainger

Max Grender-Jones  
Pierre Grimaud  
Joshua Harlow  
Toshiki Kataoka  
Hugo van Kemenade  
Anselm Kruis  
Ivan Levkivskyi  
Alexander Lukanin  
James Mills  
Jordan Moldow  
Berker Peksag  
Sridhar Ratnakumar  
Erik Rose  
Mirko Rossini  
Peter Ruibal  
Miroslav Shubernetskiy  
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## 1.359 pygobject 3.36.0-1

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# 1.360 jcmtturner-rpc 2.0.3

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## 1.361 centrifuge 0.13.0

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## 1.362 libunistring 0.9.10-r1

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@enumerate 0

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## 1.367 influxdb 1.9.4

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1. Seti UI - A subtle dark colored UI theme for Atom. (<https://github.com/jesseweed/seti-ui>)

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## 1.369 procs 0.2.0

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Found in path(s):

\* /opt/cola/permits/1243193760\_1639614142.71/0/procs-0-2-0-tar-gz/procs-0.2.0/setup.py

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Metadata-Version: 1.1

Name: procs

Version: 0.2.0

Summary: Python API for the Linux /proc virtual filesystem

Home-page: <https://github.com/pmuller/procfs>

Author: Philippe Muller

Author-email: philippe.muller@gmail.com

License: BSD

Description: procfs

-----

Easy to use

.....

::

```
>>> from procfs import Proc
```

```
>>> proc = Proc()
```

```
>>> proc.loadavg
```

```
{'average': {1: 0.0, 5: 0.0, 15: 0.0},  
'entities': {'current': 1, 'total': 117},  
'last_pid': 3068}
```

```
>>> proc.net.dev.eth1.receive.bytes  
117997558
```

```
>>> proc.meminfo.MemFree  
57044
```

```
>>> proc.net.snmp.Udp
```

```
{'InDatagrams': 3394, 'OutDatagrams': 3399, 'RcvbufErrors': 0,  
'InErrors': 0, 'SndbufErrors': 0, 'NoPorts': 4}
```

Process information

.....

::

```
>>> proc.self
```

```
<Process 3068: python>
```

```
>>> proc.self.parent
```

```
<Process 17423: bash>
```

```
>>> proc.self.uptime
```

```
datetime.timedelta(0, 346, 380262)
```

```
>>> proc.processes
```

```
<Processes: [<Process 1: init>, <Process 2: kthreadd>, <Process 3: migration/0>, <Process 4: ksoftirqd/0>,  
<Process 5: watchdog/0>, <Process 6: migration/1>, <Process 7: ksoftirqd/1>, <Process 8: watchdog/1>, <Process
```

```
9: events/0>, <Process 10: events/1>, ...]>
>>> len(proc.processes)
110

>>> proc.processes.cmdline('(vim|ssh)')
<Processes: [<Process 2956: vim>, <Process 3044: vim>, <Process 3136: vim>, <Process 10422: sshd>,
<Process 10440: sshd>, <Process 10504: sshd>]>

>>> proc.processes.uid(1000)
<Processes: [<Process 1120: bash>, <Process 2593: bash>, <Process 2956: vim>, <Process 3044: vim>,
<Process 3093: python>, <Process 10504: sshd>, <Process 10505: bash>, <Process 10875: screen>, <Process
10876: screen>, <Process 12908: bash>, ...]>

>>> proc.processes.user('pmuller').cmdline('python')[0]
<Process 3093: python>
```

#### Links

.....

```
* `documentation <http://packages.python.org/procfs/>`_
* `github <http://github.com/pmuller/procfs>`_
```

```
.. image:: https://d2weczvh1823v0.cloudfront.net/pmuller/procfs/trend.png
:alt: Bitdeli badge
:target: https://bitdeli.com/free
```

Keywords: linux proc procfs system kernel

Platform: Linux

Classifier: Development Status :: 3 - Alpha

Classifier: Intended Audience :: System Administrators

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: POSIX :: Linux

Classifier: Topic :: System :: Operating System Kernels :: Linux

Classifier: Topic :: Software Development :: Libraries :: Python Modules

Found in path(s):

```
* /opt/cola/permits/1243193760_1639614142.71/0/procfs-0-2-0-tar-gz/procfs-0.2.0/PKG-INFO
* /opt/cola/permits/1243193760_1639614142.71/0/procfs-0-2-0-tar-gz/procfs-0.2.0/procfs.egg-info/PKG-INFO
```

## 1.370 software-properties 0.99.9.8

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```

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## 1.372 py3-pep 0.12.0-r0

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Current ncurses maintainer: Thomas Dickey <[dickey@invisible-island.net](mailto:dickey@invisible-island.net)>

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## 1.378 robfig-cron 3.0.1

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## 1.379 pep517 0.11.0

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# 1.380 x-net 0.0.0-2021112202133-69e39bad7dc2

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# 1.381 distlib 0.3.0

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### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |

|       |           |           |     |     |
|-------|-----------|-----------|-----|-----|
| 2.0.1 | 2.0+1.6.1 | 2001      | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001      | PSF | yes |
| 2.2   | 2.1.1     | 2001      | PSF | yes |
| 2.1.2 | 2.1.1     | 2002      | PSF | yes |
| 2.1.3 | 2.1.2     | 2002      | PSF | yes |
| 2.2.1 | 2.2       | 2002      | PSF | yes |
| 2.2.2 | 2.2.1     | 2002      | PSF | yes |
| 2.2.3 | 2.2.2     | 2003      | PSF | yes |
| 2.3   | 2.2.2     | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3       | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1     | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2     | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3     | 2004      | PSF | yes |
| 2.3.5 | 2.3.4     | 2005      | PSF | yes |
| 2.4   | 2.3       | 2004      | PSF | yes |
| 2.4.1 | 2.4       | 2005      | PSF | yes |
| 2.4.2 | 2.4.1     | 2005      | PSF | yes |
| 2.4.3 | 2.4.2     | 2006      | PSF | yes |
| 2.4.4 | 2.4.3     | 2006      | PSF | yes |
| 2.5   | 2.4       | 2006      | PSF | yes |
| 2.5.1 | 2.5       | 2007      | PSF | yes |
| 2.5.2 | 2.5.1     | 2008      | PSF | yes |
| 2.5.3 | 2.5.2     | 2008      | PSF | yes |
| 2.6   | 2.5       | 2008      | PSF | yes |
| 2.6.1 | 2.6       | 2008      | PSF | yes |
| 2.6.2 | 2.6.1     | 2009      | PSF | yes |
| 2.6.3 | 2.6.2     | 2009      | PSF | yes |
| 2.6.4 | 2.6.3     | 2009      | PSF | yes |
| 2.6.5 | 2.6.4     | 2010      | PSF | yes |
| 3.0   | 2.6       | 2008      | PSF | yes |
| 3.0.1 | 3.0       | 2009      | PSF | yes |
| 3.1   | 3.0.1     | 2009      | PSF | yes |
| 3.1.1 | 3.1       | 2009      | PSF | yes |
| 3.1.2 | 3.1       | 2010      | PSF | yes |
| 3.2   | 3.1       | 2010      | PSF | yes |

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order, and welcome into the Fellowship of the Packaging!

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- Pior Bastida
- Anthony Baxter
- Erik Bray
- C. Titus Brown
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## 1.384 python-requests 2.25.0

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=====

LIBGCRYPT Werner Koch 2001-06-07

Assigns past and future changes.

Assignment for future changes terminated on 2012-12-04.

wk@gnupg.org

Designed and implemented Libgcrypt.

GNUPG Matthew Skala 1998-08-10

Disclaims changes.

mskala@ansuz.sooke.bc.ca

Wrote cipher/twofish.c.

GNUPG Natural Resources Canada 1998-08-11

Disclaims changes by Matthew Skala.

GNUPG Michael Roth Germany 1998-09-17

Assigns changes.

mroth@nessie.de

Wrote cipher/des.c.

Changes and bug fixes all over the place.

GNUPG Niklas Hernaes 1998-09-18

Disclaims changes.

nh@df.lth.se

Weak key patches.

GNUPG Rmi Guyomarch 1999-05-25

Assigns past and future changes. (g10/compress.c, g10/encr-data.c,  
g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)

rguyom@mail.dotcom.fr

ANY g10 Code GmbH 2001-06-07

Assignment for future changes terminated on 2012-12-04.

Code marked with ChangeLog entries of g10 Code employees.

LIBGCRYPT Timo Schulz 2001-08-31

Assigns past and future changes.

twoaday@freakmail.de

LIBGCRYPT Simon Josefsson 2002-10-25

Assigns past and future changes to FSF (cipher/{md4,crc}.c, CTR mode,  
CTS/MAC flags, self test improvements)

simon@josefsson.org

LIBGCRYPT Moritz Schulte 2003-04-17

Assigns past and future changes.

moritz@g10code.com

GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22

nmav@gnutls.org

Original code for cipher/rfc2268.c.

LIBGCRYPT The Written Word 2005-04-15

Assigns past and future changes. (new: src/libcrypt.pc.in,  
src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,  
mpi/hppa1.1/udiv-qrnd.S, mpi/hppa1.1/mpih-mul2.S,  
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,

tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,  
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09

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bradh@frogmouth.net

(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.  
added SHA-224, changed cipher/sha256.c, added HMAC tests.)

LIBGCRYPT Hye-Shik Chang 2006-09-07

Assigns Past and Future Changes

perky@freebsd.org

(SEED cipher)

LIBGCRYPT Werner Dittmann 2009-05-20

Assigns Past and Future Changes

werner.dittmann@t-online.de

(mpi/amd64, tests/mpitests.c)

GNUPG David Shaw

Assigns past and future changes.

dshaw@jabberwocky.com

(cipher/camellia-glue.c and related stuff)

LIBGCRYPT Andrey Jivsov 2010-12-09

Assigns Past and Future Changes

openpgp@brainhub.org

(cipher/ecc.c and related files)

LIBGCRYPT Ulrich Miller 2012-02-15

Assigns Past and Future Changes

ulm@gentoo.org

(Changes to cipher/idea.c and related files)

LIBGCRYPT Vladimir Serbinenko 2012-04-26

Assigns Past and Future Changes

phcoder@gmail.com

(cipher/serpent.c)

Authors with a DCO

=====

Andrei Scherer <andsch@inbox.com>

2014-08-22:BF7CEF794F9.000003F0andsch@inbox.com:

Christian Aistleitner <christian@quelltextlich.at>

2013-02-26:20130226110144.GA12678@quelltextlich.at:

Christian Grothoff <christian@grothoff.org>  
2013-03-21:514B5D8A.6040705@grothoff.org:

Dmitry Eremin-Solenikov <dbaryshkov@gmail.com>  
2013-07-13:20130713144407.GA27334@fangorn.rup.mentorg.com:

Dmitry Kasatkin <dmitry.kasatkin@intel.com>  
2012-12-14:50CAE2DB.80302@intel.com:

Jrmie Courges-Anglas <jca@wxcvbn.org>  
2016-05-26:87bn3ssqg0.fsf@ritchie.wxcvbn.org

Jussi Kivilinna <jussi.kivilinna@mbnet.fi>  
2012-11-15:20121115172331.150537dzb5i6jmy8@www.dalek.fi:

Jussi Kivilinna <jussi.kivilinna@iki.fi>  
2013-05-06:5186720A.4090101@iki.fi:

Markus Teich <markus dot teich at stusta dot mhn dot de>  
2014-10-08:20141008180509.GA2770@trolle:

Mathias L. Baumann <mathias.baumann at sociomantic.com>  
2017-01-30:07c06d79-0828-b564-d604-fd16c7c86ebe@sociomantic.com:

Milan Broz <gmazyland@gmail.com>  
2014-01-13:52D44CC6.4050707@gmail.com:

Peter Wu <peter@lekensteyn.nl>  
2015-07-22:20150722191325.GA8113@al:

Rafal Carr <funman@videolan.org>  
2012-04-20:4F91988B.1080502@videolan.org:

Sergey V. <sftp.mtuci@gmail.com>  
2013-11-07:2066221.5IYa7Yq760@darkstar:

Stephan Mueller <smueller@chronox.de>  
2014-08-22:2008899.25OeoeIVVA@myon.chronox.de:

Tom Mrz <tm@t8m.info>  
2012-04-16:1334571250.5056.52.camel@vespa.frost.loc:

Vitezslav Cizek <vcizek@suse.com>  
2015-11-05:20151105131424.GA32700@kolac.suse.cz

Werner Koch <wk@gnupg.org> (g10 Code GmbH)  
2012-12-05:87obi8u4h2.fsf@vigenere.g10code.de:

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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## 1.389 go-hclog 0.14.1

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## 1.390 idna 3.3

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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## 1.392 xz 5.2.4 1ubuntu1.1

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Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

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To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

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src/liblzma/check/crc64\_table\_?e.h

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,  
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Origin: configure.ac from XZ Utils,  
visibility.m4 serial 1 (gettext-0.15),  
Autoconf 2.52g

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dos/config.h was generated with autoheader, which tells Autoconf to  
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```

Files: po/Makevars

Origin: gettext-runtime/po/Makevars (gettext-0.12)

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# 1.394 jackc-puddle 1.1.3

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# 1.395 dlintw-goconf 0.0.0-20120228082610-dcc070983490

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```
* /opt/cola/permits/1212202758_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-
jar/io/grpc/protobuf/ProtoServiceDescriptorSupplier.java
* /opt/cola/permits/1212202758_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-jar/io/grpc/protobuf/package-
info.java
* /opt/cola/permits/1212202758_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-
jar/io/grpc/protobuf/ProtoMethodDescriptorSupplier.java
* /opt/cola/permits/1212202758_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-
jar/io/grpc/protobuf/StatusProto.java
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```
* /opt/cola/permits/1212202758_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-
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Found in path(s):

```
* /opt/cola/permits/1212202758_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-
jar/io/grpc/protobuf/ProtoUtils.java
```

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@page

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Ty Coon, President of Vice
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```
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```

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## @heading TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

@end enumerate

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any

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@heading Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the program's name and a brief idea of what it does.}

Copyright (C) @var{yyyy} @var{name of author}

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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@end smallexample

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

@smallexample

Gnomovision version 69, Copyright (C) @var{year} @var{name of author}

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

@end smallexample

The hypothetical commands @samp{show w} and @samp{show c} should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than @samp{show w} and

@samp{show c}; they could even be mouse-clicks or menu items---whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

@example

Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
`Gnomovision' (which makes passes at compilers) written by James Hacker.

@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice

@end example

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The gettext-runtime package is partially under the LGPL and partially under the GPL.

The following parts are under the LGPL, see file intl/COPYING.LIB:

- the libintl and libasprintf libraries and their header files,
- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

The following parts are under the GPL, see file COPYING in the toplevel directory:

- the \_programs\_ gettext, ngettext, envsubst,
- the documentation.

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Version 2.1, February 1999

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.



When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a

copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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```

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# 1.398 markupsafe 2.1.1

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Found in path(s):

\* /opt/cola/permits/1288546271\_1649055323.54/0/markupsafe-2-1-1-tar-gz/MarkupSafe-2.1.1/LICENSE.rst

No license file was found, but licenses were detected in source scan.

[metadata]

name = MarkupSafe

version = attr: markupsafe.\_\_version\_\_

url = <https://palletsprojects.com/p/markupsafe/>

project\_urls =

Donate = <https://palletsprojects.com/donate>

Documentation = <https://markupsafe.palletsprojects.com/>

Changes = <https://markupsafe.palletsprojects.com/changes/>

Source Code = <https://github.com/pallets/markupsafe/>

Issue Tracker = <https://github.com/pallets/markupsafe/issues/>  
Twitter = <https://twitter.com/PalletsTeam>  
Chat = <https://discord.gg/pallets>  
license = BSD-3-Clause  
license\_files = LICENSE.rst  
author = Armin Ronacher  
author\_email = armin.ronacher@active-4.com  
maintainer = Pallets  
maintainer\_email = contact@palletsprojects.com  
description = Safely add untrusted strings to HTML/XML markup.  
long\_description = file: README.rst  
long\_description\_content\_type = text/x-rst  
classifiers =  
Development Status :: 5 - Production/Stable  
Environment :: Web Environment  
Intended Audience :: Developers  
License :: OSI Approved :: BSD License  
Operating System :: OS Independent  
Programming Language :: Python  
Topic :: Internet :: WWW/HTTP :: Dynamic Content  
Topic :: Text Processing :: Markup :: HTML

[options]

packages = find:  
package\_dir = = src  
include\_package\_data = True  
python\_requires = >= 3.7

[options.packages.find]

where = src

[tool:pytest]

testpaths = tests  
filterwarnings =  
error

[coverage:run]

branch = True  
source =  
markupsafe  
tests

[coverage:paths]

source =  
src  
\*/site-packages

[flake8]

```
select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80
```

```
[mypy]
files = src/markupsafe
python_version = 3.7
show_error_codes = True
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True
```

```
[egg_info]
tag_build =
tag_date = 0
```

Found in path(s):

```
* /opt/cola/permits/1288546271_1649055323.54/0/markupsafe-2-1-1-tar-gz/MarkupSafe-2.1.1/setup.cfg
No license file was found, but licenses were detected in source scan.
```

Metadata-Version: 2.1

Name: MarkupSafe

Version: 2.1.1

Summary: Safely add untrusted strings to HTML/XML markup.

Home-page: <https://palletsprojects.com/p/markupsafe/>

Author: Armin Ronacher

Author-email: [armin.ronacher@active-4.com](mailto:armin.ronacher@active-4.com)

Maintainer: Pallets

Maintainer-email: [contact@palletsprojects.com](mailto:contact@palletsprojects.com)

License: BSD-3-Clause

Project-URL: Donate, <https://palletsprojects.com/donate>

Project-URL: Documentation, <https://markupsafe.palletsprojects.com/>

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Project-URL: Twitter, <https://twitter.com/PalletsTeam>

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Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content

Classifier: Topic :: Text Processing :: Markup :: HTML

Requires-Python: >=3.7

Description-Content-Type: text/x-rst

License-File: LICENSE.rst

MarkupSafe

=====

MarkupSafe implements a text object that escapes characters so it is safe to use in HTML and XML. Characters that have special meanings are replaced so that they display as the actual characters. This mitigates injection attacks, meaning untrusted user input can safely be displayed on a page.

Installing

-----

Install and update using ``pip`_`:

.. code-block:: text

```
pip install -U MarkupSafe
```

.. `_pip`: <https://pip.pypa.io/en/stable/getting-started/>

Examples

-----

.. code-block:: pycon

```
>>> from markupsafe import Markup, escape
```

```
>>> # escape replaces special characters and wraps in Markup
```

```
>>> escape("<script>alert(document.cookie);</script>")
```

```
Markup('&lt;script&gt;alert(document.cookie);&lt;/script&gt;')
```



```
>>> # wrap in Markup to mark text "safe" and prevent escaping
>>> Markup("<strong>Hello</strong>")
Markup('<strong>hello</strong>')

>>> escape(Markup("<strong>Hello</strong>"))
Markup('<strong>hello</strong>')

>>> # Markup is a str subclass
>>> # methods and operators escape their arguments
>>> template = Markup("Hello <em>{name}</em>")
>>> template.format(name="World")
Markup('Hello <em>&#34;World&#34;</em>')
```

## Donate

-----

The Pallets organization develops and supports MarkupSafe and other popular packages. In order to grow the community of contributors and users, and allow the maintainers to devote more time to the projects, `please donate today`.

.. \_please donate today: <https://palletsprojects.com/donate>

## Links

-----

- Documentation: <https://markupsafe.palletsprojects.com/>
- Changes: <https://markupsafe.palletsprojects.com/changes/>
- PyPI Releases: <https://pypi.org/project/MarkupSafe/>
- Source Code: <https://github.com/pallets/markupsafe/>
- Issue Tracker: <https://github.com/pallets/markupsafe/issues/>
- Website: <https://palletsprojects.com/p/markupsafe/>
- Twitter: <https://twitter.com/PalletsTeam>
- Chat: <https://discord.gg/pallets>

Found in path(s):

\* /opt/cola/permits/1288546271\_1649055323.54/0/markupsafe-2-1-1-tar-gz/MarkupSafe-2.1.1/src/MarkupSafe.egg-info/PKG-INFO

\* /opt/cola/permits/1288546271\_1649055323.54/0/markupsafe-2-1-1-tar-gz/MarkupSafe-2.1.1/PKG-INFO

# 1.399 go-macaron-inject 0.0.0-20160627170012-d8a0b8677191

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Found in path(s):

\* /opt/cola/permits/1213299335\_1635451814.84/0/golang-github-go-macaron-inject-master-zip/golang-github-go-macaron-inject-master/golang-github-go-macaron-inject.spec

# 1.400 jackc-pgx 4.12.1-0.20210724153913-640aa07df17c

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Metadata-Version: 2.0

Name: pkg\_resources

Version: 0.0.0

Summary: UNKNOWN  
Home-page: UNKNOWN  
Author: UNKNOWN  
Author-email: UNKNOWN  
License: UNKNOWN  
Platform: UNKNOWN

UNKNOWN

Found in path(s):

\* /opt/cola/permits/1320410882\_1651537966.27/0/pkg-resources-0-0-0-dist-info-  
zip/inputdir/packages\_extracted/wheel/103/pkg\_resources-0.0.0.dist-info/METADATA

# 1.402 mux 1.8.0

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# 1.403 cheekybits-genny 1.0.0

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# 1.404 x-term 0.0.0-20210927222741-03fcf44c2211

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```
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CNRI-Python  
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CIArtistic  
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GPL-2.0-with-autoconf-exception  
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LGPL-2.0-or-later  
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MPL-2.0-no-copyleft-exception  
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MTLL  
MakeIndex  
MirOS  
Motosoto  
MulanPSL-1.0  
Multics  
Mup  
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NBPL-1.0  
NCSA  
NGPL  
NLOD-1.0  
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NOSL  
NPL-1.0  
NPL-1.1  
NPOSL-3.0  
NRL  
NTP  
Naumen  
Net-SNMP  
NetCDF  
Newsletr  
Nokia  
Noweb  
Nunit  
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ODC-By-1.0  
ODbL-1.0  
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OFL-1.1  
OGL-Canada-2.0

OGL-UK-1.0  
OGL-UK-2.0  
OGL-UK-3.0  
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OLDAP-2.6  
OLDAP-2.7  
OLDAP-2.8  
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OSET-PL-2.1  
OSL-1.0  
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OSL-2.1  
OSL-3.0  
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PDDL-1.0  
PHP-3.0  
PHP-3.01  
Parity-6.0.0  
Plexus  
PostgreSQL  
Python-2.0  
QPL-1.0  
Qhull  
RHeCos-1.1  
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RSA-MD  
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SIG-B-1.0  
SIG-B-1.1  
SIG-B-2.0  
SHL-0.5  
SHL-0.51  
SISSL  
SISSL-1.2  
SMLNJ  
SMPPL  
SNIA  
SPL-1.0  
SSH-OpenSSH  
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Xnet  
YPL-1.0  
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ZPL-1.1  
ZPL-2.0  
ZPL-2.1  
Zed  
Zend-2.0  
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Zimbra-1.4  
Zlib  
blessing  
bzip2-1.0.5  
bzip2-1.0.6  
copyleft-next-0.3.0  
copyleft-next-0.3.1  
curl  
diffmark  
dvi2pdf  
eCos-2.0  
eGenix  
etalab-2.0  
gSOAP-1.3b  
gnuplot  
iMatix  
libpng-2.0  
libtiff  
mpich2  
psfrag  
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## 1.407 yamux 0.0.0-20181012175058-2f1d1f20f75d

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# 1.408 influxdata-line-protocol 0.0.0-20200327222509-2487e7298839

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## 1.413 requests-unixsocket 0.2.0

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# 1.415 Idap 3.0.2

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## 1.417 python-certifi 2019.11.28

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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## 1.418 ubuntu-keyring 2020.02.11.4

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# 1.421 cyrus-sasl 2.1.27+dfsg-2ubuntu0.1

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 * Rob Earhart
 * Rob Siemborski
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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge. Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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lib/hcrypto/test\_dh.c

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## 1.428 python-certifi 2020.11.08

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<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

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# 1.431 popt 1.16-14

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Upstream-Name: popt

Upstream-Contact: Jeff Johnson <jbj@rpm5.org>

Source: <http://rpm5.org/files/popt/>

Comment:

popt was originally written by Erik Troan when he was with RedHat. It's now maintained as part of Fedora.

Files: \*

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Authors/contributors include:

A. Wilcox  
Ada Worcester  
Alex Dowad  
Alex Suykov  
Alexander Monakov  
Andre McCurdy  
Andrew Kelley  
Anthony G. Basile  
Aric Belsito  
Arvid Picciani  
Bartosz Brachaczek  
Benjamin Peterson  
Bobby Bingham  
Boris Brezillon  
Brent Cook  
Chris Spiegel  
Clment Vasseur  
Daniel Micay  
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Dmitry Ivanov  
Dmitry V. Levin  
Drew DeVault  
Emil Renner Berthing  
Fangrui Song  
Felix Fietkau  
Felix Janda  
Gianluca Anzolin  
Hauke Mehrtens  
He X  
Hiltjo Posthuma  
Isaac Dunham  
Jaydeep Patil

Jens Gustedt  
Jeremy Huntwork  
Jo-Philipp Wich  
Joakim Sindholt  
John Spencer  
Julien Ramseier  
Justin Cormack  
Kaarle Ritvanen  
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Kylie McClain  
Leah Neukirchen  
Luca Barbato  
Luka Perkov  
M Farkas-Dyck (Strake)  
Mahesh Bodapati  
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## 1.437 gsettings-desktop-schemas 3.36.0-1ubuntu1

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Marc-Antoine Ruel <maruel@chromium.org>
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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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Alex A. Skinner

Andrew Tunnell-Jones

Ask Bjrñ Hansen

Dave Cheney

Dusty Wilson

Marek Majkowski

Peter van Dijk

Omri Bahumi

Alex Sergeev

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#

# Names should be added to this file as:

# Name <email address>

Raul Silvera <rsilvera@google.com>

Tipp Moseley <tipp@google.com>

Hyoun Kyu Cho <netforce@google.com>

Martin Spier <spiermar@gmail.com>

Taco de Wolff <tacodewolff@gmail.com>

Andrew Hunter <andrewhhunter@gmail.com>

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package api

```
import (  
    "io/ioutil"  
    "strings"  
    "time"  
)
```

```
type License struct {  
    // The unique identifier of the license  
    LicenseID string `json:"license_id"`  
  
    // The customer ID associated with the license  
    CustomerID string `json:"customer_id"`  
  
    // If set, an identifier that should be used to lock the license to a  
    // particular site, cluster, etc.  
    InstallationID string `json:"installation_id"`  
  
    // The time at which the license was issued  
    IssueTime time.Time `json:"issue_time"`  
  
    // The time at which the license starts being valid  
    StartTime time.Time `json:"start_time"`  
  
    // The time after which the license expires  
    ExpirationTime time.Time `json:"expiration_time"`  
  
    // The time at which the license ceases to function and can  
    // no longer be used in any capacity  
    TerminationTime time.Time `json:"termination_time"``
```

```

// The product the license is valid for
Product string `json:"product"`

// License Specific Flags
Flags map[string]interface{} `json:"flags"`

// Modules is a list of the licensed enterprise modules
Modules []string `json:"modules"`

// List of features enabled by the license
Features []string `json:"features"`
}

type LicenseReply struct {
    Valid bool
    License *License
    Warnings []string
}

func (op *Operator) LicenseGet(q *QueryOptions) (*LicenseReply, error) {
    var reply LicenseReply
    if _, err := op.c.query("/v1/operator/license", &reply, q); err != nil {
        return nil, err
    } else {
        return &reply, nil
    }
}

func (op *Operator) LicenseGetSigned(q *QueryOptions) (string, error) {
    r := op.c.NewRequest("GET", "/v1/operator/license")
    r.params.Set("signed", "1")
    r.setQueryOptions(q)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return "", err
    }
    defer closeResponseBody(resp)

    data, err := ioutil.ReadAll(resp.Body)
    if err != nil {
        return "", err
    }

    return string(data), nil
}

// LicenseReset will reset the license to the builtin one if it is still valid.

```

```

// If the builtin license is invalid, the current license stays active.
//
// DEPRECATED: Consul 1.10 removes the corresponding HTTP endpoint as licenses
// are now set via agent configuration instead of through the API
func (op *Operator) LicenseReset(opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("DELETE", "/v1/operator/license")
    r.setWriteOptions(opts)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()
    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }
    return &reply, nil
}

// LicensePut will configure the Consul Enterprise license for the target datacenter
//
// DEPRECATED: Consul 1.10 removes the corresponding HTTP endpoint as licenses
// are now set via agent configuration instead of through the API
func (op *Operator) LicensePut(license string, opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("PUT", "/v1/operator/license")
    r.setWriteOptions(opts)
    r.body = strings.NewReader(license)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()

    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }

    return &reply, nil
}

```

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Paul Borman <borman@google.com>

bmatsuo

shawnps

theory

jboverfelt

dsymonds

cd1

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#

Andreas Jaekle <andreas@jaekle.net>

Dmitri Shuralyov <shurcool@gmail.com>

Ethan Mosbaugh <emosbaugh@gmail.com>

Soheil Hassas Yeganeh <soheil.h.y@gmail.com>

Soheil Hassas Yeganeh <soheil@cs.toronto.edu>

Tamir Duberstein <tamir@cockroachlabs.com>

Tamir Duberstein <tamird@gmail.com>

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\*/

package minio

```

import (
    "bytes"
    "context"
    "encoding/xml"
    "fmt"
    "net/http"
    "net/url"

    "github.com/minio/minio-go/v7/pkg/s3utils"
)

// objectLegalHold - object legal hold specified in
// https://docs.aws.amazon.com/AmazonS3/latest/API/archive-RESTObjectPUTLegalHold.html
type objectLegalHold struct {
    XMLNS string `xml:"xmlns,attr,omitempty"`
    XMLName xml.Name `xml:"LegalHold"`
    Status LegalHoldStatus `xml:"Status,omitempty"`
}

// PutObjectLegalHoldOptions represents options specified by user for PutObjectLegalHold call
type PutObjectLegalHoldOptions struct {
    VersionID string
    Status *LegalHoldStatus
}

// GetObjectLegalHoldOptions represents options specified by user for GetObjectLegalHold call
type GetObjectLegalHoldOptions struct {
    VersionID string
}

// LegalHoldStatus - object legal hold status.
type LegalHoldStatus string

const (
    // LegalHoldEnabled indicates legal hold is enabled
    LegalHoldEnabled LegalHoldStatus = "ON"

    // LegalHoldDisabled indicates legal hold is disabled
    LegalHoldDisabled LegalHoldStatus = "OFF"
)

func (r LegalHoldStatus) String() string {
    return string(r)
}

// IsValid - check whether this legal hold status is valid or not.
func (r LegalHoldStatus) IsValid() bool {

```

```

return r == LegalHoldEnabled || r == LegalHoldDisabled
}

func newObjectLegalHold(status *LegalHoldStatus) (*objectLegalHold, error) {
if status == nil {
return nil, fmt.Errorf("Status not set")
}
if !status.IsValid() {
return nil, fmt.Errorf("invalid legal hold status `%v`", status)
}
legalHold := &objectLegalHold{
Status: *status,
}
return legalHold, nil
}

// PutObjectLegalHold : sets object legal hold for a given object and versionID.
func (c Client) PutObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
PutObjectLegalHoldOptions) error {
// Input validation.
if err := s3utils.CheckValidBucketName(bucketName); err != nil {
return err
}

if err := s3utils.CheckValidObjectName(objectName); err != nil {
return err
}

// Get resources properly escaped and lined up before
// using them in http request.
urlValues := make(url.Values)
urlValues.Set("legal-hold", "")

if opts.VersionID != "" {
urlValues.Set("versionId", opts.VersionID)
}

lh, err := newObjectLegalHold(opts.Status)
if err != nil {
return err
}

lhData, err := xml.Marshal(lh)
if err != nil {
return err
}

reqMetadata := requestMetadata{

```

```

bucketName:    bucketName,
objectName:    objectName,
queryValues:   urlValues,
contentBody:   bytes.NewReader(lhData),
contentLength: int64(len(lhData)),
contentMD5Base64: sumMD5Base64(lhData),
contentSHA256Hex: sum256Hex(lhData),
}

// Execute PUT Object Legal Hold.
resp, err := c.executeMethod(ctx, http.MethodPut, reqMetadata)
defer closeResponse(resp)
if err != nil {
    return err
}
if resp != nil {
    if resp.StatusCode != http.StatusOK && resp.StatusCode != http.StatusNoContent {
        return httpRespToErrorResponse(resp, bucketName, objectName)
    }
}
return nil
}

// GetObjectLegalHold gets legal-hold status of given object.
func (c Client) GetObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
GetObjectLegalHoldOptions) (status *LegalHoldStatus, err error) {
    // Input validation.
    if err := s3utils.CheckValidBucketName(bucketName); err != nil {
        return nil, err
    }

    if err := s3utils.CheckValidObjectName(objectName); err != nil {
        return nil, err
    }
    urlValues := make(url.Values)
    urlValues.Set("legal-hold", "")

    if opts.VersionID != "" {
        urlValues.Set("versionId", opts.VersionID)
    }

    // Execute GET on bucket to list objects.
    resp, err := c.executeMethod(ctx, http.MethodGet, requestMetadata{
        bucketName:    bucketName,
        objectName:    objectName,
        queryValues:   urlValues,
        contentSHA256Hex: emptySHA256Hex,
    })

```

```

defer closeResponse(resp)
if err != nil {
    return nil, err
}
if resp != nil {
    if resp.StatusCode != http.StatusOK {
        return nil, httpRespToErrorResponse(resp, bucketName, objectName)
    }
}
lh := &objectLegalHold{}
if err = xml.NewDecoder(resp.Body).Decode(lh); err != nil {
    return nil, err
}

return &lh.Status, nil
}

```

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Alain Vongsouvanhalainv <alainv@google.com>  
Andrew Gerrand <adg@golang.org>  
Brad Fitzpatrick <bradfitz@golang.org>  
Eric Koleda <ekoleda+devrel@gogolers.com>  
Francesc Campoy <campoy@golang.org>  
Garrick Evans <garrick@google.com>  
Glenn Lewis <gmlewis@google.com>  
Ivan Krasin <krasin@golang.org>  
Jason Hall <jasonhall@google.com>  
Johan Euphrosine <proppy@google.com>  
Kostik Shtoyk <kostik@google.com>  
Kunpei Sakai <namusyaka@gmail.com>  
Matthew Dolan <dolan@lightstep.com>  
Matthew Whisenhunt <matt.whisenhunt@gmail.com>  
Michael McGreevy <mcgreevy@golang.org>  
Nick Craig-Wood <nickcw@gmail.com>  
Robbie Trencheny <me@robbiet.us>  
Ross Light <light@google.com>  
Sarah Adams <shadams@google.com>  
Scott Van Woudenberg <scottvw@google.com>  
Takashi Matsuo <tmatsuo@google.com>

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogeralsing@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

Vyacheslav Kim <kane@sendgrid.com>

Walter Schulze <awalterschulze@gmail.com>

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Bits of Go-lang's `once.Do()` were cribbed and reused here, too.

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package spec

```
import (  
    "encoding/json"
```

```

"github.com/go-openapi/swag"
)

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

// UnmarshalJSON hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}

// MarshalJSON produces License as json
func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}

```

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jseward@bzip.org  
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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This package was debianized by Russell Coker <[russell@coker.com.au](mailto:russell@coker.com.au)> on Fri, 20 Aug 2004 17:26:18 +1000.

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## 1.445 cffi 1.15.0

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## 1.446 perl 5.30.0 9ubuntu0.2

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```
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Copyright (C) 19yy <name of author>
```

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```
Gnomovision version 69, Copyright (C) 19xx name of author
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This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the  
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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
/* doio.c
*
* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000,
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*
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*
*/
```

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The End

```
# To give due honour to those who have made Perl 5 what it is today,
# here are easily-from-changelogs-extractable people and their
# (hopefully) current and preferred email addresses from the commits.
# These people have either submitted patches or suggestions, or their bug
# reports or comments have inspired the appropriate patches. Corrections,
# additions, deletions welcome; send them to perlbug@perl.org, preferably
# as the output of diff(1), diff -u or diff -c between the original and a
# corrected version of this file.
```

```
#
```

```
# The use of this database for anything else than Perl development
# is strictly forbidden. (Passive distribution with the Perl source
# code kit is, of course, allowed.)
```

```
#
```

```
# This should contain the preferred addresses. Alternate addresses are in
# Porting/checkAUTHORS.pl.
```

```
#
```

```
# After editing, please run: make test_porting
```

```
--
```

```
A. C. Yardley <yardley@tanet.net>
```

```
A. Sinan Unur <nanis@cpan.org>
```

Aaron B. Dossett <aaron@iglou.com>  
Aaron Crane <arc@cpan.org>  
Aaron J. Mackey <ajm6q@virginia.edu>  
Aaron Priven <aaron@priven.com>  
Aaron Trevena <aaaron.trevena@gmail.com>  
Abe Timmerman <abe@ztreet.demon.nl>  
Abhijit Menon-Sen <ams@toroid.org>  
Abigail <abigail@abigail.be>  
Abir Viqar <abiviq@hushmail.com>  
Achim Bohnet <ach@mpe.mpg.de>  
Achim Gratz <achim.gratz@stromeko.de>  
Adam Flott <adam@npjh.com>  
Adam Kennedy <adam@ali.as>  
Adam Krolnik <adamk@gypsy.cyrix.com>  
Adam Milner <carmiac@nmt.edu>  
Adam Russell <arussell@cs.uml.edu>  
Adam Spiers  
Adrian M. Enache <enache@rdslink.ro>  
Adriano Ferreira <a.r.ferreira@gmail.com>  
Akim Demaille <akim@epita.fr>  
Alain Barbet <alian@cpan.org>  
Alan Burlison <Alan.Burlison@uk.sun.com>  
Alan Champion <achampio@lehman.com>  
Alan Ferrency <alan@pair.com>  
Alan Grover <awgrover@gmail.com>  
Alan Grow <agrow@thegotonerd.com>  
Alan Haggai Alavi <haggai@cpan.org>  
Alan Harder <Alan.Harder@Ebay.Sun.COM>  
Alan Hourihane <alanh@fairlite.co.uk>  
Alan Modra  
Alastair Douglas <alastair.douglas@gmail.com>  
Albert Chin-A-Young <china@thewrittenword.com>  
Albert Dvornik <bert@alum.mit.edu>  
Alberto Simões <ambs@cpan.org>  
Alessandro Forghieri <alf@orion.it>  
Alex Davies <adavies@ptc.com>  
Alex Gough <alex@rcon.org>  
Alex Solovey <a.solovey@gmail.com>  
Alex Vandiver <alexmv@mit.edu>  
Alex Waugh <alex@alexwaugh.com>  
Alexander Alekseev <alex@alenate.ru>  
Alexander Bluhm <alexander\_bluhm@genua.de>  
Alexander D'Archangel <darksuji@gmail.com>  
Alexander Gernler <alexander\_gernler@genua.de>  
Alexander Gough <alex-p5p@earth.li>  
Alexander Hartmaier <abraxxa@cpan.org>  
Alexander Klimov <ask@wisdom.weizmann.ac.il>  
Alexander Smishlajev <als@turnhere.com>

Alexander Voronov <alexander-voronov@yandex.ru>  
Alexandr Ciornii <alexchorny@gmail.com>  
Alexandr Savca <alexandr.savca89@gmail.com>  
Alexandre (Midnite) Jousset <mid@gtmp.org>  
Alexei Alexandrov <alexei.alexandrov@gmail.com>  
Alexey Mahotkin <alexm@netli.com>  
Alexey Toptygin <alexeyt@freeshell.org>  
Alexey Tourbin <at@altlinux.ru>  
Alexey V. Barantsev <barancev@kazbek.ispras.ru>  
Ali Polatel <alip@exherbo.org>  
Allen Smith <allens@cpan.org>  
Ambrose Kofi Laing  
Ammon Riley <ammon@rhythm.com>  
Ananth Kesari <HYanantha@novell.com>  
Anders Johnson <ajohnson@nvidia.com>  
Andreas Guðmundsson <andreasg@nasarde.org>  
Andreas Karrer <karrer@ife.ee.ethz.ch>  
Andreas Klussmann <andreas@infosys.heitec.de>  
Andreas König <a.koenig@mind.de>  
Andreas Marienborg <andreas.marienborg@gmail.com>  
Andreas Schwab <schwab@suse.de>  
Andreas Voegelé <andreas@andreasvoegele.com>  
Andrei Yelistratov <andrew@sundale.net>  
Andrej Borsenkow <Andrej.Borsenkow@mow.siemens.ru>  
Andrew Bettison <andrewb@zip.com.au>  
Andrew Burt <aburt@isis.cs.du.edu>  
Andrew Cohen <cohen@andy.bu.edu>  
andrew deryabin <djsf@technarchy.ru>  
Andrew Fresh <afresh1@openbsd.org>  
Andrew Hamm <AHamm@civica.com.au>  
Andrew M. Langmead <aml@world.std.com>  
Andrew Pimlott <pimlott@idiomtech.com>  
Andrew Rodland <arodland@cpan.org>  
Andrew Savige <ajsavige@yahoo.com.au>  
Andrew Tam <andrewtam000@gmail.com>  
Andrew Vignaux <ajv@nz.sangacorp.com>  
Andrew Wilcox <awilcox@maine.com>  
Andrey Sapozhnikov <sapa@icb.chel.su>  
Andy Armstrong <andy@hexten.net>  
Andy Broad <andy@broad.ology.org.uk>  
Andy Bussey <andybussey@yahoo.co.uk>  
Andy Dougherty <doughera@lafayette.edu>  
Andy Lester <andy@petdance.com>  
Anno Siegel <anno4000@lublin.zrz.tu-berlin.de>  
Anthony David <adavid@netinfo.com.au>  
Anthony Heading <anthony@ajrh.net>  
Anton Berezin <tobez@tobez.org>  
Anton Nikishaev <me@lelf.lu>



Anton Tagunov <tagunov@motor.ru>  
Archer Sully <archer@meer.net>  
Aristotle Pagaltzis <pagaltzis@gmx.de>  
Arjen Laarhoven <arjen@nl.demon.net>  
Arkturuz <arkturuz@gmail.com>  
Arne Ahrend <aahrend@web.de>  
Arnold D. Robbins <arnold@gnu.ai.mit.edu>  
Art Green <Art\_Green@mercmarine.com>  
Art Haas <ahaas@airmail.net>  
Arthur Axel 'fREW' Schmidt <frioux@gmail.com>  
Artiom Morozov <artiom@phreaker.net>  
Artur Bergman <artur@contiller.se>  
Arvan <apritchard@zeus.com>  
Ash Berlin <ash@cpan.org>  
Ask Bjørn Hansen <ask@develooper.com>  
Audrey Tang <cpan@audreyt.org>  
Augustina Blair <auggy@cpan.org>  
Axel Boldt  
Barrie Slaymaker <barries@slaysys.com>  
Barry Friedman  
Bart Kedryna <bkedryna@home.com>  
Bas van Sisseren <bas@quarantainenet.nl>  
Beau Cox  
Ben Carter <bcarter@gumdrop.flyinganvil.org>  
Ben Hengst <notbenh@cpan.org>  
Ben Morrow <ben@morrow.me.uk>  
Ben Okopnik <ben@linuxgazette.net>  
Ben Tilly <ben\_tilly@operamail.com>  
Benjamin Goldberg <goldbb2@earthlink.net>  
Benjamin Holzman <bah@ecnavantage.com>  
Benjamin Low <b.d.low@unsw.edu.au>  
Benjamin Smith <bsmith@cabbage.org.uk>  
Benjamin Stuhl <sho\_pi@hotmail.com>  
Benjamin Sugars <bsugars@canoe.ca>  
Bernard Quatermass <bernard@quatermass.co.uk>  
Bill Campbell <bill@celestial.com>  
Bill Glicker <billg@burrelles.com>  
Billy Constantine <wdconsta@cs.adelaide.edu.au>  
Blair Zajac <blair@orcaaware.com>  
Bo Borgerson <gigabo@gmail.com>  
Bo Johansson <bo.johansso@lsn.se>  
Bo Lindbergh <blgl@stacken.kth.se>  
Bob Dalgleish <Robert.Dalgleish@sk.sympatico.ca>  
Bob Ernst <bobernst@cpan.org>  
Bob Wilkinson <bob@fourtheye.org>  
Boris Ratner <ratner2@gmail.com>  
Boris Zentner <bzm@2bz.de>  
Boyd Gerber <gerberb@zenez.com>

Brad Appleton <bradapp@enteract.com>  
Brad Gilbert <b2gills@gmail.com>  
Brad Howerter <bhower@wgc.woodward.com>  
Brad Hughes <brad@tgsmc.com>  
Brad Lanam <bl@gentoo.com>  
Bradley Dean <bjdean@bjdean.id.au>  
Bram <perl-rt@wizbit.be>  
Brandon Black <blblack@gmail.com>  
Brendan Byrd <BBYRD@CPAN.org>  
Brendan O'Dea <bod@debian.org>  
Breno G. de Oliveira <garu@cpan.org>  
Brent B. Powers <powers@ml.com>  
Brent Dax <brentdax@cpan.org>  
Brian Callaghan <callagh@itginc.com>  
Brian Carlson <brian.carlson@cpanel.net>  
Brian Childs <brian@rentec.com>  
Brian Clarke <clarke@appliedmeta.com>  
brian d foy <brian.d.foy@gmail.com>  
Brian Fraser <fraserbn@gmail.com>  
Brian Gottreu <gottreu@gmail.com>  
Brian Greenfield <briang@cpan.org>  
Brian Grossman  
Brian Harrison <brie@corp.home.net>  
Brian Jepson <bjepson@oreilly.com>  
Brian Katzung  
Brian McCauley <nobull@mail.com>  
Brian Phillips <bphillips@cpan.org>  
Brian Reichert <reichert@internet.com>  
Brian S. Cashman <bsc@umich.edu>  
Brian Strand <bstrand@switchmanagement.com>  
Brooks D Boyd  
Bruce Barnett <barnett@grymoire.crd.ge.com>  
Bruce J. Keeler <bkeelerx@iwa.dp.intel.com>  
Bruce P. Schuck <bruce@aps.org>  
Bud Huff <BAHUFF@us.oracle.com>  
Byron Brummer <byron@omix.com>  
C Aditya <caditya@novell.com>  
Calle Dybedahl <calle@lysator.liu.se>  
Campo Weijerman <rfc822@nl.ibm.com>  
Carl Eklof <CEklof@endeca.com>  
Carl Hayter <hayter@usc.edu>  
Carl M. Fongheiser <cmf@ins.infonet.net>  
Carl Witty <cwitty@newtonlabs.com>  
Cary D. Renzema <caryr@mxim.com>  
Casey R. Tweten <crt@kiski.net>  
Casey West <casey@geeknest.com>  
Castor Fu  
Chad Granum <chad.granum@dreamhost.com>

Chaim Frenkel <chaimf@pobox.com>  
Charles Bailey <bailey@newman.upenn.edu>  
Charles F. Randall <crandall@free.click-n-call.com>  
Charles Lane <lane@DUPHY4.Physics.Drexel.Edu>  
Charles Randall <cfriv@yahoo.com>  
Charles Wilson <cwilson@ece.gatech.edu>  
Charlie Gonzalez <itcharlie@gmail.com>  
Chas. Owens <chas.owens@gmail.com>  
Chase Whitener <cwhitener@gmail.com>  
Chaskiel M Grundman  
Chia-liang Kao <clkao@clkao.org>  
Chip Salzenberg <chip@pobox.com>  
Chip Turner <cturner@redhat.com>  
chocolateboy <chocolateboy@chocolatey.com>  
Chris Ball <chris@cpan.org>  
Chris 'BinGOs' Williams <chris@bingosnet.co.uk>  
Chris Bongaarts <cab@tc.umn.edu>  
Chris Dolan <chris@chrisdolan.net>  
Chris Faylor <cgf@bbc.com>  
Chris Heath <chris@heathens.co.nz>  
Chris Lamb <lamby@debian.org>  
Chris Lightfoot <chris@ex-parrot.com>  
Chris Nandor <pudge@pobox.com>  
Chris Pepper  
Chris R. Donnelly <chris.donnelly@vauto.com>  
Chris Travers <chris.travers@gmail.com>  
Chris Tubutis <chris@broadband.att.com>  
Chris Wick <cwick@lmc.com>  
Chris Williams <chrisw@netinfo.com.au>  
Christian Burger <burger@terra.mpikg-teltow.mpg.de>  
Christian Hansen <chansen@cpan.org>  
Christian Kirsch <ck@held.mind.de>  
Christian Millour <cm.perl@abtela.com>  
Christian Winter <bitpoet@linux-config.de>  
Christoph Lamprecht <ch.l.ngre@online.de>  
Christophe Grosjean <christophe.grosjean@gmail.com>  
Christopher Chavez <chrischavez@gmx.us>  
Christopher Chan-Nui <channui@austin.ibm.com>  
Christopher Davis <ckd@loiosh.kei.com>  
Christopher J. Madsen <perl@cjmweb.net>  
chromatic <chromatic@wgz.org>  
Chuck Phillips <perl@cadop.com>  
Chun Bing Ge <gecb@cn.ibm.com>  
Chunhui Teng <cteng@nortel.ca>  
Claes Jacobsson <claes@surfar.nu>  
Clark Cooper <coopercc@netheaven.com>  
Claudio Ramirez <nxadm@cpan.org>  
Clinton A. Pierce <clintp@geeksalad.org>

Colin Kuskie <ckuskie@cadence.com>  
Colin McMillen <mcmi0073@tc.umn.edu>  
Colin Meyer <cmeyer@helvella.org>  
Colin Newell <colin.newell@gmail.com>  
Colin Watson <colinw@zeus.com>  
Conrad Augustin  
Conrad E. Kimball <cek@tblv021.ca.boeing.com>  
Craig A. Berry <craigberry@mac.com>  
Craig DeForest <zowie@euterpe.boulder.swri.edu>  
Craig Milo Rogers <Rogers@ISI.EDU>  
Curtis Jewell <perl@csjewell.fastmail.us>  
Curtis Poe <cp@onsitetech.com>  
Dabrien 'Dabe' Murphy <dabe@dabe.com>  
Dagfinn Ilmari Mannsåker <ilmari@ilmari.org>  
Dale Amon <amon@vnl.com>  
Damian Conway <damian@conway.org>  
Damon Atkins <Damon.Atkins@nabaus.com.au>  
Dan Book <grinnz@grinnz.com>  
Dan Boorstein <dan\_boo@bellsouth.net>  
Dan Brook <dbrook@easyspace.com>  
Dan Collins <dcollinsn@gmail.com>  
Dan Dascalescu <bigbang7@gmail.com>  
Dan Dedrick <ddedrick@lexmark.com>  
Dan Hale <danhale@us.ibm.com>  
Dan Jacobson <jidanni@jidanni.org>  
Dan Kogai <dankogai@dan.co.jp>  
Dan Schmidt <dfan@harmonixmusic.com>  
Dan Sugalski <dan@sidhe.org>  
Daniel Berger <djberg86@attbi.com>  
Daniel Chetlin <daniel@chetlin.com>  
Daniel Dragan <bulk88@hotmail.com>  
Daniel Frederick Crisman <daniel@crisman.org>  
Daniel Grisinger <dgris@dimensional.com>  
Daniel Kahn Gillmor <dkg@fifthhorseman.net>  
Daniel Lieberman <daniel@bitpusher.com>  
Daniel Muiño <dmuino@afip.gov.ar>  
Daniel P. Berrange <dan@berrange.com>  
Daniel Perrett <perrettdl@googlemail.com>  
Daniel S. Lewart <lewart@uiuc.edu>  
Daniel Yacob <perl@geez.org>  
Danny R. Faught <faught@mailhost.rsn.hp.com>  
Danny Sadinoff <danny-cpan@sadinoff.com>  
Darin McBride <dmcbride@cpan.org>  
Darrell Kindred <dkindred+@cmu.edu>  
Darrell Schiebel <drs@nrao.edu>  
Darren/Torin/Who Ever... <torin@daft.com>  
Dave Bianchi  
Dave Cross <dave@mag-sol.com>

Dave Hartnoll <Dave\_Hartnoll@3b2.com>  
Dave Liney <dave.liney@gbr.conoco.com>  
Dave Nelson <David.Nelson@bellcow.com>  
Dave Paris  
Dave Rolsky <autarch@urth.org>  
Dave Schweisguth <dcs@neutron.chem.yale.edu>  
Dave Shariff Yadallee <doctor@doctor.nl2k.ab.ca>  
David Billinghamurst <David.Billinghurst@riotinto.com.au>  
David Caldwell <david@porkrind.org>  
David Campbell  
David Cannings <lists@edeca.net>  
David Cantrell <david@cantrell.org.uk>  
David Couture  
David D. Kilzer <ddkilzer@lubricants-oil.com>  
David Denholm <denholm@conmat.phys.soton.ac.uk>  
David Dyck <david.dyck@fluke.com>  
David F. Haertig <dfh@dwroll.lucent.com>  
David Favor <david@davidfavor.com>  
David Feldman <david.feldman@tudor.com>  
David Fifield <david@bamssoftware.com>  
David Filo  
David Formosa <dformosa@dformosa.zeta.org.au>  
David Gay <dgay@acm.org>  
David Glasser <me@davidglasser.net>  
David Golden <dagolden@cpan.org>  
David H. Adler <dha@panix.com>  
David H. Gutteridge <dhgutteridge@sympatico.ca>  
David Hammen <hammen@gothamcity.jsc.nasa.gov>  
David J. Fiander <davidf@mks.com>  
David Kerry <davidk@tor.securecomputing.com>  
David Landgren <david@landgren.net>  
David Leadbeater <dgl@dgl.cx>  
David M. Syzdek <david@syzdek.net>  
David Manura <dm.list@math2.org>  
David McLean <davem@icc.gsfc.nasa.gov>  
David Mitchell <davem@iabyn.nospamdeletethisbit.com>  
David Muir Sharnoff <muir@idiom.com>  
David Nicol <whatever@davidnicol.com>  
David R. Favor <dfavor@austin.ibm.com>  
David Sparks <daves@ca.sophos.com>  
David Starks-Browning <dstarks@rc.tudelft.nl>  
David Steinbrunner <dsteinbrunner@pobox.com>  
David Sundstrom <sunds@asictest.sc.ti.com>  
David Wheeler <david@justatheory.com>  
Davin Milun <milun@cs.Buffalo.EDU>  
Dean Roehrich <roehrich@cray.com>  
Dee Newcum <perl.org@paperlined.org>  
deekoo <deekoo@tentacle.net>

Dennis Kaarsemaker <dennis@booking.com>  
Dennis Marsa <dennism@cyrix.com>  
Devin Heitmueller <devin.heitmueller@gmail.com>  
DH <crazyinsomniac@yahoo.com>  
Diab Jerius <dj@head-cfa.harvard.edu>  
dLux <dflux@spam.sch.bme.hu>  
Dmitri Tikhonov <dmitri@cpan.org>  
Dmitry Karasik <dk@tetsuo.karasik.eu.org>  
Dmitry Ulanov <zprogd@gmail.com>  
Dominic Dunlop <domo@computer.org>  
Dominic Hargreaves <dom@earth.li>  
Dominique Dumont <Dominique\_Dumont@grenoble.hp.com>  
Dominique Quatravaux  
Doug Bell <madcityzen@gmail.com>  
Doug Campbell <soup@ampersand.com>  
Doug MacEachern <dougm@covalent.net>  
Douglas Christopher Wilson <doug@somethingdoug.com>  
Douglas E. Wegscheid <dwegscheid@qtm.net>  
Douglas Lankshear <doug@lankshear.net>  
Douglas Wilson <dougw@cpan.org>  
Dov Grobgeld <dov@Orbotech.Co.IL>  
Dr.Ruud <rvtol+news@isolution.nl>  
Drago Goricanec <drago@raptor.otsd.ts.fujitsu.co.jp>  
Drew Stephens <drewgstephens@gmail.com>  
Duke Leto <jonathan@leto.net>  
Duncan Findlay <duncef@debian.org>  
E. Choroba <choroba@cpan.org>  
Ed Avis <eda@waniasset.com>  
Ed J <etj@cpan.org>  
Ed Mooring <mooring@Lynx.COM>  
Ed Santiago <esm@pobox.com>  
Eddy Tan <eddy.net@gmail.com>  
Edgar Bering <trizor@gmail.com>  
Edmund Bacon  
Edward Avis <ed@membled.com>  
Edward Moy <emoy@apple.com>  
Edward Peschko <edwardp@excitehome.net>  
Elaine -HFB- Ashton <elaine@chaos.wustl.edu>  
Elizabeth Mattijsen <liz@dijkmat.nl>  
Enrico Sorcinelli <bepi@perl.it>  
Eric Amick  
Eric Arnold <eric.arnold@sun.com>  
Eric Bartley <bartley@icd.cc.purdue.edu>  
Eric Brine <ikegami@adaelis.com>  
Eric E. Coe <Eric.Coe@oracle.com>  
Eric Fifer <egf7@columbia.edu>  
Eric Herman <eric@freesa.org>  
Eric Melville

Eric Promislow <ericp@ActiveState.com>  
Erich Rickheit  
Eryq <eryq@zeegee.com>  
Etienne Grossman <etienne@isr.isr.ist.utl.pt>  
Eugen Konkov <kes-kes@yandex.ru>  
Eugene Alterman <Eugene.Alterman@bremer-inc.com>  
Evan Miller <eam@frap.net>  
Evan Zacks <zackse@cpan.org>  
Fabien Tassin <tassin@eerie.fr>  
Father Chrysostomos <sprout@cpan.org>  
Felipe Gasper <felipe@felipegasper.com>  
Felix Gallo <fgallo@etoys.com>  
Fergal Daly <fergal@esatclear.ie>  
Fingle Nark <finglenark@gmail.com>  
Florent Guillaume  
Florian Ragwitz <rafl@debian.org>  
François Désarménien <desar@club-internet.fr>  
François Perrad <francois.perrad@gadz.org>  
Frank Crawford  
Frank Ridderbusch <Frank.Ridderbusch@pdb.siemens.de>  
Frank Tobin <ftobin@uiuc.edu>  
Frank Wiegand <frank.wiegand@gmail.com>  
Franklin Chen <chen@adi.com>  
Franz Fasching <perldev@drfasching.com>  
Frederic Briere <fbriere@fbriere.net>  
Frédéric Chauveau <fmc@pasteur.fr>  
Fyodor Krasnov <fyodor@aha.ru>  
G. Del Merritt <del@intranetics.com>  
Gabe Schaffer  
Gabor Szabo <szabgab@gmail.com>  
Garry T. Williams <garry@zvolve.com>  
Gary Clark <GaryC@mail.jeld-wen.com>  
Gary L. Armstrong  
Gary Ng <71564.1743@compuserve.com>  
Gavin Shelley <columbusmonkey@me.com>  
Gene Sullivan <genesullivan50@yahoo.com>  
Geoffrey F. Green <geoff-public@stuebegreen.com>  
Geoffrey T. Dairiki <dairiki@dairiki.org>  
Georg Schwarz <geos@epost.de>  
George Greer <perl@greerga.m-l.org>  
George Hartzell <georgewh@gene.com>  
George Necula <necula@eecs.berkeley.edu>  
Geraint A Edwards <gedge@serf.org>  
Gerard Goossen <gerard@ggoossen.net>  
Gerben Wierda <G.C.Th.Wierda@AWT.nl>  
Gerd Knops <gerti@BITart.com>  
Gerrit P. Haase <gp@familiehaase.de>  
Gideon Israel Dsouza <gideon@cpan.org>

Giles Lean <giles@nemeton.com.au>  
Gisle Aas <gisle@as.no>  
Glenn D. Golden <gdg@zplane.com>  
Glenn Linderman <perl@nevc.com>  
Gordon J. Miller <gjm@cray.com>  
Gordon Lack <gml4410@ggr.co.uk>  
Goro Fuji <gfuji@cpan.org>  
Grace Lee <grace@hal.com>  
Graham Barr <gbarr@pobox.com>  
Graham Knop <haarg@haarg.org>  
Graham TerMarsch <graham@howlingfrog.com>  
Grant McLean <grantm@cpan.org>  
Greg Bacon <gbacon@itsc.uah.edu>  
Greg Chapman <glc@well.com>  
Greg Earle  
Greg Kuperberg  
Greg Matheson <lang@ms.chinmin.edu.tw>  
Greg Seibert <seibert@Lynx.COM>  
Greg Ward <gward@ase.com>  
Gregor Chrupala <gregor.chrupala@star-group.net>  
gregor herrmann <gregoa@debian.org>  
Gregory Martin Pfeil <pfeilgm@technomadic.org>  
Guenter Schmidt <gsc@bruker.de>  
Guido Flohr <guido@imperia.net>  
Guruprasad S <SGURUPRASAD@novell.com>  
Gurusamy Sarathy <gsar@cpan.org>  
Gustaf Neumann  
Guy Decoux <decoux@moulon.inra.fr>  
Gwyn Judd <b.judd@xtra.co.nz>  
H.J. Lu <hjl@nynexst.com>  
H.Merijn Brand <h.m.brand@xs4all.nl>  
Hal Morris <hom00@utsglobal.com>  
Hal Pomeranz <pomeranz@netcom.com>  
Hallvard B Furuseth <h.b.furuseth@usit.uio.no>  
Hannu Napari <Hannu.Napari@hut.fi>  
Hans de Graaff <J.J.deGraaff@twi.tudelft.nl>  
Hans Dieter Pearcey <hdp@pobox.com>  
Hans Ginzel <hans@kolej.mff.cuni.cz>  
Hans Mulder <hansmu@xs4all.nl>  
Hans Ranke <Hans.Ranke@ei.tum.de>  
Harald Jörg <Harald.Joerg@arcor.de>  
Harmen <harm@dds.nl>  
Harmon S. Nine <hnine@netarx.com>  
Harri Pasanen <harri.pasanen@trema.com>  
Harry Edmon <harry@atmos.washington.edu>  
Hauke D <haukex@zero-g.net>  
Heiko Eissfeldt <heiko.eissfeldt@hexco.de>  
Helmut Jarausch <jarausch@numa1.igpm.rwth-aachen.de>



Henrik Tougaard <ht.000@foa.dk>  
Herbert Breunung <lichtkind@cpan.org>  
Hernan Perez Masci <hmasci@uolsinectis.com.ar>  
Hershel Walters <walters@smd4d.wes.army.mil>  
Hio <hio@hio.jp>  
Hiroo Hayashi <hiroo.hayashi@computer.org>  
Hojung Youn <amoc.yn@gmail.com>  
Holger Bechtold  
Hongwen Qiu <qihongwen@gmail.com>  
Horst von Brand <vonbrand@sleipnir.valparaiso.cl>  
Hrunting Jonhson  
Hubert Feyrer <hubert.feyrer@informatik.fh-regensburg.de>  
Hugo van der Sanden <hv@crypt.org>  
Hunter Kelly <retnuh@zule.pixar.com>  
Huw Rogers <count0@gremlin.straylight.co.jp>  
Iain Truskett  
Ian Goodacre <ian.goodacre@xtra.co.nz>  
Ian Maloney <ian.malonet@ubs.com>  
Ian Phillipps <Ian.Phillipps@iname.com>  
Ignasi Roca Carrió <ignasi.roca@fujitsu-siemens.com>  
Igor Sutton <izut@cpan.org>  
Igor Zaytsev <igor.zaytsev@gmail.com>  
Ilmari Karonen <iltzu@sci.fi>  
Ilya Martynov <ilya@martynov.org>  
Ilya N. Golubev <gin@mo.msk.ru>  
Ilya Sandler <Ilya.Sandler@etak.com>  
Ilya Zakharevich <ilya@math.berkeley.edu>  
Inaba Hiroto <inaba@st.rim.or.jp>  
Indy Singh <indy@nusphere.com>  
Ingo Weinhold <ingo\_weinhold@gmx.de>  
Ingy döt Net <ingy@ttul.org>  
insecure <insecure@mail.od.ua>  
Irving Reid <irving@tor.securecomputing.com>  
Ivan Kurmanov <kurmanov@openlib.org>  
Ivan Pozdeev <vano@mail.mipt.ru>  
Ivan Tubert-Brohman <itub@cpan.org>  
J. David Blackstone <jdb@dfwnet.sbms.sbc.com>  
J. Nick Koston <nick@cpanel.net>  
J. van Krieken <John.van.Krieken@ATComputing.nl>  
Jacinta Richardson <jarich@perltraining.com.au>  
Jack Shirazi <JackS@GemStone.com>  
Jacques Germishuys <jacquesg@striata.com>  
Jacqui Caren <Jacqui.Caren@ig.co.uk>  
Jake Hamby <jehamby@lightside.com>  
Jakub Wilk <jwilk@jwilk.net>  
James <james@rf.net>  
James A. Duncan <jduncan@fotango.com>  
James Clarke <jrtc27@jrtc27.com>

James E Keenan <jkeenan@cpan.org>  
James FitzGibbon <james@ican.net>  
James Jurach <muaddib@erf.net>  
James Mastros <james@mastros.biz>  
James McCoy <vega.james@gmail.com>  
James Raspas <jraspass@gmail.com>  
Jamshid Afshar  
Jan D. <jan.djarv@mbox200.swipnet.se>  
Jan Dubois <jan@jandubois.com>  
Jan Pazdziora <adelton@fi.muni.cz>  
Jan Starzynski <jan@planet.de>  
Jan-Erik Karlsson <trg@privat.utfors.se>  
Jan-Pieter Cornet <johnpc@xs4all.nl>  
Jared Rhine <jared@organic.com>  
Jari Aalto <jari.aalto@poboxes.com>  
Jarkko Hietaniemi <jhi@iki.fi>  
Jasmine Ahuja <jasmine.ahuja11@gmail.com>  
Jasmine Ngan <jasmine.ngan@outlook.com>  
Jason A. Smith <smithj4@rpi.edu>  
Jason E. Stewart <jason@openinformatics.com>  
Jason Shirk  
Jason Stewart <jasons@cs.unm.edu>  
Jason Varsoke <jjv@caesun10.msd.ray.com>  
Jay Hannah <jhannah@mutationgrid.com>  
Jay Rogers <jay@rgrs.com>  
JD Laub <jdl@access-health.com>  
Jeff Bouis  
Jeff McDougal <jmcdo@cris.com>  
Jeff Okamoto <okamoto@corp.hp.com>  
Jeff Pinyan <japhy@pobox.com>  
Jeff Siegal <jbs@eddie.mit.edu>  
Jeff Urlwin <jurlwin@access.digex.net>  
Jeffrey Friedl <jfriedl@regex.info>  
Jeffrey S. Haemer <jsh@woodcock.boulder.qms.com>  
Jens Hamisch <jens@Strawberry.COM>  
Jens Stavnstrup <js@ddre.dk>  
Jens T. Berger Thielemann <jensthi@ifi.uio.no>  
Jens Thomsen <jens@fiend.cis.com>  
Jens-Uwe Mager <jum@helios.de>  
Jeremy D. Zawodny <jeremy@zawodny.com>  
Jeremy H. Brown <jhbrown@ai.mit.edu>  
Jeremy Madea <jmadea@inktomi.com>  
Jerome Abela <abela@hsc.fr>  
Jerrad Pierce <belg4mit@MIT.EDU>  
Jerry D. Hedden <jdhedden@cpan.org>  
Jess Robinson <castaway@desert-island.me.uk>  
Jesse Glick <jesse@sig.bsh.com>  
Jesse Luehrs <doy@tozt.net>

Jesse Vincent <jesse@fsck.com>  
Jesús Quiroga <jquiroga@pobox.com>  
Jilles Tjoelker <jilles@stack.nl>  
Jim Anderson <jander@ml.com>  
Jim Avera <avera@hal.com>  
Jim Balter  
Jim Cromie <jcromie@cpan.org>  
Jim Meyering <meyering@asic.sc.ti.com>  
Jim Miner <jfm@winternet.com>  
Jim Richardson  
Jim Schneider <james.schneider@db.com>  
Jirka Hruška <jirka@fud.cz>  
Joachim Huober  
Joaquin Ferrero <explorer@joaquinferrero.com>  
Jochen Wiedmann <joe@ispsoft.de>  
Jody Belka <dev-perl@pimb.org>  
Joe Buehler <jbuehler@hekimian.com>  
Joe McMahon <mcmahon@ibiblio.org>  
Joe Orton <jorton@redhat.com>  
Joe Schaefer <joe+perl@sunstarsys.com>  
Joe Smith <jsmith@inwap.com>  
Joel Berger <joel.a.berger@gmail.com>  
Joel Rosi-Schwartz <j.schwartz@agonet.it>  
Joerg Porath <Joerg.Porath@informatik.tu-chemnitz.de>  
Joergen Haegg  
Johan Holtman  
Johan Vromans <jvromans@squirrel.nl>  
Johann Klasek <jk@auto.tuwien.ac.at>  
Johann 'Myrkraverk' Oskarsson <johann@myrkraverk.com>  
Johannes Plunien <plu@pqq.de>  
John Bley <jbb6@acpub.duke.edu>  
John Borwick <jhborwic@unity.ncsu.edu>  
John Cerney <j-cerney1@ti.com>  
John D Groenveld <groenvel@cse.psu.edu>  
John E. Malmberg <wb8tyw@qsl.net>  
John Gardiner Myers <jgmyers@proofpoint.com>  
John Goodyear <johngood@us.ibm.com>  
John Hasstedt <John.Hasstedt@sunysb.edu>  
John Hawkinson <jhawk@mit.edu>  
John Heidemann <johnh@isi.edu>  
John Holdsworth <coldwave@bigfoot.com>  
John Hughes <john@AtlanTech.COM>  
John Kristian <jmk2001@engineer.com>  
John L. Allen <allen@grumman.com>  
John Lightsey <jd@cpanel.net>  
John Macdonald <jmm@revenge.elegant.com>  
John Malmberg <wb8tyw@gmail.com>  
John Nolan <jpnolan@Op.Net>

John P. Linderman <jpl.jpl@gmail.com>  
John Peacock <jpeacock@messagesystems.com>  
John Pfuntner <pfuntner@vnet.ibm.com>  
John Poltorak <jp@eyup.org>  
John Q. Linux <jql@accessone.com>  
John Redford <jmr@whirlwind.fmr.com>  
John Rowe  
John Salinas <jsalinas@cray.com>  
John SJ Anderson <genehack@genehack.org>  
John Stoffel <jfs@fluent.com>  
John Stumbles <jstumbles@bluearc.com>  
John Tobey <jtobey@john-edwin-tobey.org>  
John Wright <john@johnwright.org>  
Johnny Lam <jlam@jgrind.org>  
Jon Eveland <jweveland@yahoo.com>  
Jon Gunnip <jongunnip@hotmail.com>  
Jon Orwant <orwant@oreilly.com>  
Jonathan Biggar <jon@sems.com>  
Jonathan D Johnston <jdjohnston2@juno.com>  
Jonathan Fine <jfine@borders.com>  
Jonathan Hudson <jonathan.hudson@jrudson.demon.co.uk>  
Jonathan I. Kamens <jik@kamens.brookline.ma.us>  
Jonathan Roy <roy@idle.com>  
Jonathan Stowe <jns@integration-house.com>  
Joost van Baal <J.E.vanBaal@uvt.nl>  
Jörg Walter <jwalt@cpan.org>  
Jos I. Boumans <kane@dwim.org>  
Jose Auguste-Etienne <Jose.auguste-etienne@cgss-guyane.fr>  
José Pedro Oliveira <jpo@di.uminho.pt>  
Joseph N. Hall <joseph@cscaper.com>  
Joseph S. Myers <jsm28@hermes.cam.ac.uk>  
Joshua ben Jore <jjore@cpan.org>  
Joshua Juran <jjuran@gmail.com>  
Joshua Pritikin <joshua@paloalto.com>  
Joshua Rodd <joshua@rodd.us>  
JT McDuffie <jt@kpc.com>  
Juan Gallego <Little.Boss@physics.mcgill.ca>  
Juerd Waalboer <#####@juerd.nl>  
Juha Laiho <juha.laiho@Elma.Net>  
Julian Yip <julian@imoney.com>  
juna <ggl.20.jj...@spamgourmet.com>  
Jungshik Shin <jshin@mailaps.org>  
Justin Banks <justinb@cray.com>  
Ka-Ping Yee <kpyee@aw.sgi.com>  
kafka <kafka@madrognon.net>  
Kang-min Liu <gugod@gugod.org>  
Kaoru Maeda <maeda@src.ricoh.co.jp>  
Karen Etheridge <ether@cpan.org>

Karl Glazebrook <kgb@aaossz.aao.GOV.AU>  
Karl Heuer <kwzh@gnu.org>  
Karl Simon Berg <karl@it.kth.se>  
Karl Williamson <khw@cpan.org>  
Karsten Sperling <spiff@phreax.net>  
Karthik Rajagopalan <rajagopa@pauline.schrodinger.com>  
Kaveh Ghazi <ghazi@caip.rutgers.edu>  
KAWAI Takanori <GCD00051@nifty.ne.jp>  
Kay Röpke <kroepke@dolphin-services.de>  
Keedi Kim <keedi@cpan.org>  
Keith Neufeld <neufeld@fast.pvi.org>  
Keith Thompson <Keith.S.Thompson@gmail.com>  
Ken Brown <kbrown@cornell.edu>  
Ken Cotterill <kencotterill@netspace.net.au>  
Ken Estes <estes@ms.com>  
Ken Fox <kfox@ford.com>  
Ken Hirsch <kenhirsch@ftml.net>  
Ken MacLeod <ken@bitsko.slc.ut.us>  
Ken Neighbors  
Ken Shan <ken@digitas.harvard.edu>  
Ken Williams <ken@mathforum.org>  
Kenichi Ishigaki <ishigaki@cpan.org>  
Kenneth Albanowski <kjahds@kjahds.com>  
Kenneth Duda <kjd@cisco.com>  
Kent Fredric <kentfredric@gmail.com>  
Keong Lim <Keong.Lim@sr.com.au>  
Kevin Brintnall <kbrint@rufus.net>  
Kevin Chase <kevincha99@hotmail.com>  
kevin dawson <bowtie@cpan.org>  
Kevin Falcone <falcone@bestpractical.com>  
Kevin J. Woolley <kjw@pathillogical.com>  
Kevin O'Gorman <kevin.kosman@nrc.com>  
Kevin Ruscoe <Kevin.Ruscoe@ubsw.com>  
Kevin Ryde <user42@zip.com.au>  
Kevin White <klwhite@magnus.acs.ohio-state.edu>  
Kim Frutiger  
Kingpin <mthurn@copper.dulles.tasc.com>  
Kirrily Robert <skud@infotrope.net>  
Kiyotaka Sakai <ksakai@netwk.ntt-at.co.jp>  
kmx <kmx@volny.cz>  
Kragen Sitaker <kragen@pobox.com>  
Krishna Sethuraman <krishna@sgi.com>  
Kriton Kyrimis <kyrimis@princeton.edu>  
Kurt D. Starsinic <kstar@wolfetech.com>  
Kyriakos Georgiou  
Lajos Veres <vlajos@gmail.com>  
Larry Parmelee <parmelee@CS.Cornell.EDU>  
Larry Schuler

Larry Schwimmer <rosebud@cyclone.Stanford.EDU>  
Larry Shatzer <fugazi@zyx.net>  
Larry W. Virden <lvirden@cas.org>  
Larry Wall <larry@wall.org>  
Lars D <daxim@cpan.org>  
Lars Hecking <lhecking@nmrc.ucc.ie>  
Larwan Berke <apocal@cpan.org>  
Laszlo Molnar <laszlo.molnar@eth.ericsson.se>  
Laurent Dami <dami@cpan.org>  
Leif Huhn <leif@hale.dkstat.com>  
Len Johnson <lenjay@ibm.net>  
Leo Lapworth <leo@cuckoo.org>  
Leon Brocard <acme@astray.com>  
Leon Timmermans <fawaka@gmail.com>  
Les Peters <lpeters@aol.net>  
Lesley Binks <lesley.binks@gmail.com>  
Lincoln D. Stein <lstein@cshl.org>  
Lionel Cons <lionel.cons@cern.ch>  
Louis Strous <louis.strous@gmail.com>  
Lubomir Rintel <lkundrak@v3.sk>  
Luc St-Louis <luc.st-louis@ca.transport.bombardier.com>  
Luca Fini  
Lucas Holt <luke@foolishgames.com>  
Ludovic E. R. Tolhurst-Cleaver <camel@ltdcv.com>  
Lukas Mai <l.mai@web.de>  
Luke Closs <lukec@cpan.org>  
Luke Ross <lukeross@gmail.com>  
Lupe Christoph <lupe@lupe-christoph.de>  
Luther Huffman <lutherh@stratcom.com>  
Maik Hentsche <maik@mm-double.de>  
Major Sébastien <sebastien.major@crdp.ac-caen.fr>  
Makoto MATSUSHITA <matusita@ics.es.osaka-u.ac.jp>  
Malcolm Beattie <mbeattie@sable.ox.ac.uk>  
Manuel Valente <mvalente@idealx.com>  
Marc Green <marcgreen@cpan.org>  
Marc Lehmann <pcg@goof.com>  
Marc Paquette <Marc.Paquette@Softimage.COM>  
Marc Simpson <marc@0branch.com>  
Marc-Philip Werner <marc-philip.werner@sap.com>  
Marcel Grünauer <marcel@codewerk.com>  
Marco Fontani <MFONTANI@cpan.org>  
Marco Peereboom <marco@conformal.com>  
Marcus Holland-Moritz <mhx-perl@gmx.net>  
Marek Rouchal <marek.rouchal@infineon.com>  
Mark A Biggar <mab@wdl.loral.com>  
Mark A. Hershberger <mah@everybody.org>  
Mark A. Stratman <stratman@gmail.com>  
Mark Aufflick <mark@aufflick.com>

Mark Bixby <mark@bixby.org>  
Mark Dickinson <dickins3@fas.harvard.edu>  
Mark Dootson <mdootson@cpan.org>  
Mark Fowler <mark@twoshortplanks.com>  
Mark Hanson  
Mark J. Reed <mreed@strange.turner.com>  
Mark Jason Dominus <mjd@plover.com>  
Mark K Trettin <mkt@lucent.com>  
Mark Kaehny <kaehny@execpc.com>  
Mark Kettenis <kettenis@wins.uva.nl>  
Mark Klein <mklein@dis.com>  
Mark Knutsen <knutsen@pilot.njin.net>  
Mark Kvale <kvale@phy.ucsf.edu>  
Mark Leighton Fisher <markleightonfisher@gmail.com>  
Mark Mielke <mark@mark.mielke.cc>  
Mark Murray <mark@grondar.za>  
Mark Overmeer <mark@overmeer.net>  
Mark P. Lutz <mark.p.lutz@boeing.com>  
Mark Pease <peasem@primenet.com>  
Mark Pizzolato <mark@infocomm.com>  
Mark R. Levinson <mrl@isc.upenn.edu>  
Mark Stosberg <mark@summersault.com>  
Marko Asplund <aspa@merlot.kronodoc.fi>  
Markus Jansen <Markus.Jansen@ericsson.com>  
Marnix van Ammers <marnix@gmail.com>  
Martien Verbruggen <mgjv@comdyn.com.au>  
Martijn Koster <mak@excitecorp.com>  
Martijn Lievaart <m@rtij.nl>  
Martin Hasch <mhasch@cpan.org>  
Martin Husemann <martin@duskware.de>  
Martin J. Bligh <mbligh@us.ibm.com>  
Martin Jost <Martin.Jost@icn.siemens.de>  
Martin Lichtin <lichtin@bivio.com>  
Martin McGrath <mcgrath.martin@gmail.com>  
Martin Plechsmid <plechsmi@karlin.mff.cuni.cz>  
Martin Pool <mbp@samba.org>  
Marti Rahkila <martti.rahkila@hut.fi>  
Marty Lucich <marty@netcom.com>  
Marty Pauley <marty+p5p@kasei.com>  
Martyn Pearce <martyn@inpharmatica.co.uk>  
Marvin Humphrey <marvin@rectangular.com>  
Masahiro KAJIURA <masahiro.kajiura@toshiba.co.jp>  
Mashrab Kuvatov <kmashrab@uni-bremen.de>  
Matthias Bethke <matthias@towiski.de>  
Mathias Koerber <mathias@dnssec1.singnet.com.sg>  
Mathieu Arnold <m@absolight.fr>  
Mats Peterson <mats@sm6sxl.net>  
Matsumoto Yasuhiro <matt.jp@gmail.com>

Matt Johnson <matt.w.johnson@gmail.com>  
Matt Kimball  
Matt Kraai <kraai@ftbfs.org>  
Matt S Trout <mst@shadowcat.co.uk>  
Matt Sergeant <matt@sergeant.org>  
Matt Taggart <taggart@debian.org>  
Matthew Black <black@csulb.edu>  
Matthew Green <mrg@splode.eterna.com.au>  
Matthew Horsfall <wolfsage@gmail.com>  
Matthew Sachs <matthewg@zevils.com>  
Matthew T Harden <mthard@mthard1.monsanto.com>  
Matthias Ulrich Neeracher <neeracher@mac.com>  
Matthias Urlichs <smurf@noris.net>  
Matthijs van Duin <xmath@cpan.org>  
Mattia Barbon <mbarbon@dsi.unive.it>  
Maurizio Loreti <maurizio.loreti@pd.infn.it>  
Max Baker <max@warped.org>  
Max Maischein <corion@corion.net>  
Maxwell Carey <maxwellhaydn@gmail.com>  
Merijn Broeren <merijnb@iloquent.nl>  
Michael A Chase <mchase@ix.netcom.com>  
Michael Breen <perl@mbreen.com>  
Michael Bunk <bunk@iat.uni-leipzig.de>  
Michael Carman <mjcarman@home.com>  
Michael Cook <mcook@cognex.com>  
Michael Cummings <mcummings@gentoo.org>  
Michael De La Rue <mikedlr@tardis.ed.ac.uk>  
Michael Engel <engel@nms1.cc.huji.ac.il>  
Michael Fig <michael@liveblockauctions.com>  
Michael G Schwern <schwern@pobox.com>  
Michael H. Moran <mhm@austin.ibm.com>  
Michael King <mike808@users.sourceforge.net>  
Michael Lemke <lemkemch@t-online.de>  
Michael Mahan <mahanm@nextwork.rose-hulman.edu>  
Michael Parker <michael.parker@st.com>  
Michael Schroeder <Michael.Schroeder@informatik.uni-erlangen.de>  
Michael Somos <somos@grail.cba.csuohio.edu>  
Michael Stevens <mstevens@etla.org>  
Michael van Elst <mlelstv@serpens.de>  
Michael Witten <mfwitten@gmail.com>  
Michele Sardo  
Mik Firestone <fireston@lexmark.com>  
Mike Doherty <mike@mikedoherty.ca>  
Mike Fletcher <fletch@phydeaux.org>  
Mike Giroux <rmgiroux@acm.org>  
Mike Guy <mjtg@cam.ac.uk>  
Mike Heins <mike@bill.iac.net>  
Mike Hopkirk <hops@sco.com>



Mike Kelly <pioto@pioto.org>  
Mike Mestnik <MMestnik@rustconsulting.com>  
Mike Pomraning <mjp@pilcrow.madison.wi.us>  
Mike Rogers  
Mike Schilli <m@perlmeister.com>  
Mike Sheldrake <mike@sheldrake.net>  
Mike Stok <mike@stok.co.uk>  
Mike W Ellwood <mwe@rl.ac.uk>  
Mikhail Zabaluev <mhz@alt-linux.org>  
Milosz Tanski <mtanski@gridapp.com>  
Milton L. Hankins <mlh@swl.msd.ray.com>  
Misty De Meo <mistydemeo@github.com>  
Mohammed El-Afifi <mohammed\_elafifi@yahoo.com>  
Moritz Lenz <moritz@casella.verplant.org>  
Moshe Kaminsky <kaminsky@math.huji.ac.il>  
Mottaqui Karim <taqqi.karim@gmail.com>  
Mr. Nobody <mrnobo1024@yahoo.com>  
Murray Nesbitt <murray@nesbitt.ca>  
Nathan Glenn <garfieldnate@gmail.com>  
Nathan Kurz <nate@valleytel.net>  
Nathan Torkington <gnat@frii.com>  
Nathan Trapuzzano <nbtrap@nbtrap.com>  
Neale Ferguson <neale@VMA.TABNSW.COM.AU>  
Neil Bowers <neil@bowers.com>  
Neil Watkiss <neil.watkiss@sophos.com>  
Neil Williams <codehelp@debian.org>  
Nicholas Clark <nick@ccl4.org>  
Nicholas Oxhøj  
Nicholas Perez <nperez@cpan.org>  
Nick Cleaton <nick@cleaton.net>  
Nick Duffek  
Nick Gianniotis  
Nick Ing-Simmons  
Nick Johnston <nickjohnstonsky@gmail.com>  
Nick Logan <ugexe@cpan.org>  
Nick Williams <Nick.Williams@morganstanley.com>  
Nicolas Kaiser <nikai@nikai.net>  
Nicolas R. <atomic@cpan.org>  
Niels Thykier <niels@thykier.net>  
Nigel Sandever <njsandever@hotmail.com>  
Niko Tyni <ntyni@debian.org>  
Nikola Knezevic <indy@tesla.rcub.bg.ac.yu>  
Nikola Milutinovic  
Nikolai Eipel <eipel@web.de>  
Noah <sitz@onastick.net>  
Nobuhiro Iwamatsu  
Noirin Shirley <colmsbook@nerdchic.net>  
Norbert Pueschel <pueschel@imsdd.meb.uni-bonn.de>

Norio Suzuki <kipp@shonanblue.ne.jp>  
Norman Koch <kochnorman@rocketmail.com>  
Norton T. Allen <allen@huarp.harvard.edu>  
Nuno Carvalho <mestre.smash@gmail.com>  
Offer Kaye <offer.kaye@gmail.com>  
Olaf Flebbe <o.flebbe@science-computing.de>  
Olaf Titz <olaf@bigred.inka.de>  
Oleg Nesterov <oleg@redhat.com>  
Olivier Blin <blino@mandriva.com>  
Olivier Mengué <dolmen@cpan.org>  
Olivier Thauvin <olivier.thauvin@aerov.jussieu.fr>  
Olli Savia  
Ollivier Robert <roberto@keltia.freenix.fr>  
Osvaldo Villalon <ovillalon@dextratech.com>  
Owain G. Ainsworth <oga@nicotinebsd.org>  
Owen Taylor <owt1@cornell.edu>  
Pali <pali@cpan.org>  
Papp Zoltan <padre@elte.hu>  
parv <parv@pair.com>  
Pascal Rigaux <pixel@mandriva.com>  
Patrick Donelan <pat@patspam.com>  
Patrick Dugnon <patrick.dugnon@bnpparibas.com>  
Patrick Hayes <Patrick.Hayes.CAP\_SESA@renault.fr>  
Patrick O'Brien <pdo@cs.umd.edu>  
Patrik Hägglund <patrik.h.hagglund@ericsson.com>  
Pau Amma <pauamma@gundo.com>  
Paul A Sand <pas@unh.edu>  
Paul Boven <p.boven@sara.nl>  
Paul David Fardy <pdf@morgan.ucs.mun.ca>  
Paul Eggert <eggert@twinsun.com>  
Paul Evans <leonerdd@leonerdd.org.uk>  
Paul Fenwick <pjf@perltraining.com.au>  
Paul Gaborit <paul.gaborit@enstimac.fr>  
Paul Green <Paul.Green@stratus.com>  
Paul Hoffman <phoffman@proper.com>  
Paul Holser <Paul.Holser.pholser@nortelnetworks.com>  
Paul Johnson <paul@pjcj.net>  
Paul Lindner <lindner@inuus.com>  
Paul Marquess <paul.marquess@btinternet.com>  
Paul Moore <Paul.Moore@uk.origin-it.com>  
Paul Rogers <Paul.Rogers@Central.Sun.COM>  
Paul Saab <ps@yahoo-inc.com>  
Paul Schinder <schinder@pobox.com>  
Paul Szabo <psz@maths.usyd.edu.au>  
Pavel Kakovský <kan@dcit.cz>  
Pavel Zakouril <Pavel.Zakouril@mff.cuni.cz>  
Pedro Felipe Horrillo Guerra <pancho@pancho.name>  
Per Einar Ellefsen <per.einar@skynet.be>

Perlover <perlover@perlover.com>  
Pete Peterson <petersonp@genrad.com>  
Peter Avalos <peter@theshell.com>  
Peter BARABAS  
Peter Chines <pchines@nhgri.nih.gov>  
Peter Dintelmann <Peter.Dintelmann@Dresdner-Bank.com>  
Peter E. Yee <yee@trident.arc.nasa.gov>  
Peter Gessner <peter.gessner@post.rwth-aachen.de>  
Peter Gordon <peter@valor.com>  
Peter Haworth <pmh@edison.ioppublishing.com>  
Peter J. Farley III <pjfarley@banet.net>  
Peter J. Holzer <hjp@hjp.at>  
Peter Jaspers-Fayer  
Peter John Acklam <pjacklam@online.no>  
Peter Martini <PeterCMartini@GMail.com>  
Peter O'Gorman <peter@pogma.com>  
Peter Prymmer <PPrymmer@factset.com>  
Peter Rabbitson <ribasushi@cpan.org>  
Peter Scott <Peter@PSDT.com>  
Peter Valdemar Mørch <pm@capmon.dk>  
Peter van Heusden <pvh@junior.uwc.ac.za>  
Peter Wolfe <wolfe@teloseng.com>  
Petr Písa <ppisar@redhat.com>  
Petter Reinholdtsen <pere@hungry.com>  
Phil Lobbes <phil@perkpartners.com>  
Phil Monsen <philip.monsen@pobox.com>  
Phil Pearl (Lobbes) <plobbes@gmail.com>  
Philip Boulain <philip.boulain@smoothwall.net>  
Philip Guenther <guenther@openbsd.org>  
Philip Hazel <ph10@cus.cam.ac.uk>  
Philip M. Gollucci <pgollucci@p6m7g8.com>  
Philip Newton <pne@cpan.org>  
Philippe Bruhat (Book) <book@cpan.org>  
Philippe M. Chiasson <gozer@ActiveState.com>  
Pierre Bogossian <bogossian@mail.com>  
Piers Cawley <pdcauley@bofh.org.uk>  
Pino Toscano <pino@debian.org>  
Piotr Fusik <pfusik@op.pl>  
Piotr Klaban <makler@oryl.man.torun.pl>  
Piotr Roszatycki <piotr.roszatycki@gmail.com>  
Pip Cet <pipcet@gmail.com>  
Pradeep Hodigere <phodigere@yahoo.com>  
Prymmer/Kahn <pvhp@best.com>  
Quentin Fennessy <quentin@arrakeen.amd.com>  
Radu Greab <radu@netsoft.ro>  
Rafael Garcia-Suarez <rgs@consttype.org>  
Rainer Keuchel <keuchel@allgeier.com>  
Rainer Orth <ro@TechFak.Uni-Bielefeld.DE>

Rainer Tammer <tammer@tammer.net>  
Rajesh Mandalemula <rajesh.mandalemula@deshaw.com>  
Rajesh Vaidheeswarran <rv@gnu.org>  
Ralf S. Engelschall <rse@engelschall.com>  
Randal L. Schwartz <merlyn@stonehenge.com>  
Randall Gellens <randy@qualcomm.com>  
Randolf Werner <randolf.werner@sap.com>  
Randy J. Ray <rjray@redhat.com>  
Randy Stauner <rwstauner@cpan.org>  
Randy W. Sims  
Raphael Manfredi <Raphael.Manfredi@pobox.com>  
Raul Dias <raul@dias.com.br>  
Raymund Will <ray@caldera.de>  
Redvers Davies <red@criticalintegration.com>  
Reini Urban <rurban@cpan.org>  
Renee Baecker <module@renee-baecker.de>  
Reuben Thomas <rrt@sc3d.org>  
Rex Dieter <rdieter@math.unl.edu>  
Rhesa Rozendaal <perl@rhesa.com>  
Ricardo Signes <rjbs@cpan.org>  
Rich Morin <rdm@cfcl.com>  
Rich Rauenzahn <rrauenza@hp.com>  
Rich Salz <rsalz@bbn.com>  
Richard A. Wells <Rwells@uhs.harvard.edu>  
Richard Clamp <richardc@unixbeard.net>  
Richard Foley <richard.foley@rfi.net>  
Richard Hatch <rhatch@austin.ibm.com>  
Richard Hitt <rbh00@utsglobal.com>  
Richard Kandarian <richard.kandarian@lanl.gov>  
Richard L. England <richard\_england@mentorg.com>  
Richard L. Maus, Jr. <rmaus@monmouth.com>  
Richard Leach <rich+perl@hyphen-dash-hyphen.info>  
Richard Levitte <levitte@openssl.org>  
Richard Möhn <richard.moehn@fu-berlin.de>  
Richard Ohnemus <richard\_ohnemus@dallas.csd.sterling.com>  
Richard Soderberg <p5-authors@crystalflame.net>  
Richard Yeh <rcyeh@cco.caltech.edu>  
Rick Delaney <rick@consumercontact.com>  
Rick Pluta  
Rick Smith <ricks@sd.znet.com>  
Rickard Westman  
Rob Brown <bbb@cpan.org>  
Rob Henderson <robh@cs.indiana.edu>  
Rob Hoelz <rob@hoelz.ro>  
Rob Napier <rn timer@employees.org>  
Robert May <robertmay@cpan.org>  
Robert Millan <rmh@debian.org>  
Robert Partington <rjp@riffraff.plig.net>

Robert Sanders <Robert.Sanders@linux.org>  
Robert Sebastian Gerus <arachnist@gmail.com>  
Robert Spier <rspier@pobox.com>  
Roberto C. Sanchez <roberto@connexer.com>  
Robin Barker <RMBarker@cpan.org>  
Robin Houston <robin@cpan.org>  
Rocco Caputo <troc@netrus.net>  
Roderick Schertler <roderick@argon.org>  
Rodger Anderson <rodger@boi.hp.com>  
Rodolfo Carvalho <rhcarvalho@gmail.com>  
Ronald F. Guilmette <rfg@monkeys.com>  
Ronald J. Kimball <rjk@linguist.dartmouth.edu>  
Ronald Schmidt <RonaldWS@aol.com>  
Rostislav Skudnov <skrostislav@gmail.com>  
Ruben Schattevoy <schattev@imb-jena.de>  
Rudolph Todd Maceyko <rm55+@pitt.edu>  
Rujith S. de Silva <desilva@netbox.com>  
Ruslan Zakirov <ruz@bestpractical.com>  
Russ Allbery <rra@stanford.edu>  
Russel O'Connor <roconnor@world.std.com>  
Russell Fulton <russell@ccu1.auckland.ac.nz>  
Russell Mosemann <mose@ccsn.edu>  
Ryan Herbert <rherbert@sycamorehq.com>  
Ryan Voots <simcop2387@simcop2387.info>  
Salvador Fandiño <sfandino@yahoo.com>  
Salvador Ortiz Garcia <sog@msg.com.mx>  
Sam Kimbrel <kimbrel@me.com>  
Sam Tregar <sam@tregar.com>  
Sam Vilain <sam@vilain.net>  
Samuel Thibault <sthibault@debian.org>  
Samuli Kärkkäinen <skarkkai@woods.iki.fi>  
Sawyer X <xsawyerx@cpan.org>  
Schuyler Erle <schuyler@oreilly.com>  
Scott A Crosby <scrosby@cs.rice.edu>  
Scott Bronson <bronson@rinspin.com>  
Scott Gifford <sgifford@tir.com>  
Scott Henry <scotth@sgi.com>  
Scott L. Miller <Scott.L.Miller@Compaq.com>  
Scott Lanning <lannings@who.int>  
Scott Wiersdorf <scott@perlcode.org>  
Sean Boudreau <seanb@qnx.com>  
Sean Dague <sean@dague.net>  
Sean Davis <dive@ender.com>  
Sean M. Burke <sburke@cpan.org>  
Sean Robinson <robinson\_s@sc.maricopa.edu>  
Sean Sheedy <seans@ncube.com>  
Sebastian Schmidt <yath@yath.de>  
Sebastian Steinlechner <steinlechner@gmx.net>

Sebastian Wittmeier <Sebastian.Wittmeier@ginko.de>  
Sébastien Aperghis-Tramoni <saper@cpan.org>  
Sebastien Barre <Sebastien.Barre@utc.fr>  
Sergey Alekseev <varnie29a@mail.ru>  
Sergey Aleynikov <sergey.aleynikov@gmail.com>  
Sérgio Durigan Júnior <sergiodj@linux.vnet.ibm.com>  
Shawn <svicalifornia@gmail.com>  
Shawn M Moore <sartak@gmail.com>  
Sherm Pendley <sherm@dot-app.org>  
Shigeya Suzuki <shigeya@wide.ad.jp>  
Shimpei Yamashita <shimpei@socrates.patnet.caltech.edu>  
Shinya Hayakawa <hayakawa@livedoor.jp>  
Shirakata Kentaro <argrath@ub32.org>  
Shishir Gundavaram <shishir@ruby.ora.com>  
Shlomi Fish <shlomif@cpan.org>  
Shoichi Kaji <skaji@cpan.org>  
Simon Cozens <simon@netthink.co.uk>  
Simon Glover <scog@roe.ac.uk>  
Simon Leinen  
Simon Parsons <S.Parsons@ftel.co.uk>  
Simon Schubert <corecode@fs.ei.tum.de>  
Sinan Unur <sinan@unur.com>  
Sisyphus <sisyphus@cpan.org>  
Slaven Rezic <slaven@rezic.de>  
Smylers <smylers@stripey.com>  
Solar Designer <solar@openwall.com>  
Spider Boardman <spider@orb.nashua.nh.us>  
Spiros Denaxas <s.denaxas@gmail.com>  
Sreeji K Das <sreeji\_k@yahoo.com>  
Stanislaw Pusep <stas@sysd.org>  
Stas Bekman <stas@stason.org>  
Stefan Seifert <nine@detonation.org>  
Steffen Müller <smueller@cpan.org>  
Steffen Schwigon <ss5@renormalist.net>  
Steffen Ullrich <coyote.frank@gmx.net>  
Stepan Kasal <skasal@redhat.com>  
Stéphane Payrard <stef@mongueurs.net>  
Stephanie Beals <bealzy@us.ibm.com>  
Stephen Bennett <sbp@exherbo.com>  
Stephen Clouse <stephenc@theiqgroup.com>  
Stephen McCamant <smcc@mit.edu>  
Stephen O. Lidie <lusol@turkey.cc.Lehigh.EDU>  
Stephen Oberholtzer <oliverklozoff@gmail.com>  
Stephen P. Potter <spp@ds.net>  
Stephen Zander <gibreel@pobox.com>  
Stevan Little <stevan@cpan.org>  
Steve A Fink <sfink@cs.berkeley.edu>  
Steve Grazzini <grazz@pobox.com>

Steve Hay <steve.m.hay@googlemail.com>  
Steve Kelem <steve.kelem@xilinx.com>  
Steve McDougall <swmcd@world.std.com>  
Steve Nielsen <spn@enteract.com>  
Steve Pearlmutter  
Steve Peters <steve@fisharerojo.org>  
Steve Purkis <Steve.Purkis@multimap.com>  
Steve Vinoski  
Steven Hirsch <hirschs@btv.ibm.com>  
Steven Humphrey <catchperl@33k.co.uk>  
Steven Knight <knight@theopera.baldmt.citilink.com>  
Steven Morlock <newspost@morlock.net>  
Steven N. Hirsch <hirschs@stargate.btv.ibm.com>  
Steven Parkes <parkes@sierravista.com>  
Steven Schubiger <schubiger@cpan.org>  
Stian Seeberg <sseeberg@nimsoft.no>  
Sullivan Beck <sbeck@cpan.org>  
Sven Strickroth <sven.strickroth@tu-clausthal.de>  
Sven Verdoolaege <skimo@breughel.ufsia.ac.be>  
syber <syber@crazypanda.ru>  
SynaptiCAD, Inc. <sales@syncad.com>  
Tadeusz Sonierz <tadeusz.sosnierz@onet.pl>  
Takis Psarogiannakopoulos <takis@xfree86.org>  
Taro KAWAGISHI  
Tassilo von Parseval <tassilo.parseval@post.rwth-aachen.de>  
Tatsuhiko Miyagawa <miyagawa@bulknews.net>  
Ted Ashton <ashted@southern.edu>  
Ted Law <tedlaw@cibcwg.com>  
Tels <nospam-abuse@bloodgate.com>  
Teun Burgers <burgers@ecn.nl>  
Thad Floryan <thad@thadlabs.com>  
Theo Buehler <theo@math.ethz.ch>  
Thomas Bowditch <bowditch@inmet.com>  
Thomas Conté <tom@fr.uu.net>  
Thomas Dorner <Thomas.Dorner@start.de>  
Thomas Kofler  
Thomas König  
Thomas Pfau <pfau@nbpfaus.net>  
Thomas Sibley <tsibley@cpan.org>  
Thomas Wegner <wegner\_thomas@yahoo.com>  
Thorsten Glaser <tg@mirbsd.org>  
Tim Adye <T.J.Ady@rl.ac.uk>  
Tim Ayers <tayers@bridge.com>  
Tim Bunce <Tim.Bunce@pobox.com>  
Tim Conrow <tim@spindrift.srl.caltech.edu>  
Tim Freeman <tfreeman@infoseek.com>  
Tim Jenness <tjenness@cpan.org>  
Tim Mooney <mooney@dogbert.cc.ndsu.NoDak.edu>

Tim Sweetman <tim@aldigital.co.uk>  
Tim Witham <twitham@pcocd2.intel.com>  
Timothe Litt <litt@acm.org>  
Timur I. Bakeyev <bsdi@listserv.bat.ru>  
Tina Müller <cpan2@tinita.de>  
Tkil <tkil@reptile.scryste.com>  
Tobias Leich <email@froggs.de>  
Toby Inkster <mail@tobyinkster.co.uk>  
Todd C. Miller <Todd.Miller@courtesan.com>  
Todd Rinaldo <toddr@cpan.org>  
Todd T. Fries <todd@fries.int.mrleng.com>  
Todd Vierling <tv@duh.org>  
Tokuhiro Matsuno <tokuhirom@gmail.com>  
Tom Bates <tom\_bates@att.net>  
Tom Brown <thecap@peach.ece.utexas.edu>  
Tom Christiansen <tchrist@perl.com>  
Tom Dinger  
Tom Horsley <Tom.Horsley@mail.ccur.com>  
Tom Hughes <tom@compton.nu>  
Tom Hukins <tom@eborcom.com>  
Tom Phoenix <rootbeer@teleport.com>  
Tom Spindler <dogcow@isi.net>  
Tom Wyant <wyant@cpan.org>  
Tomasz Konojacki <me@xenu.pl>  
Tomoyuki Sadahiro <BQW10602@nifty.com>  
Ton Hospel <cpan@ton.iguana.be>  
Tony Bowden <tony@kasei.com>  
Tony Camas  
Tony Cook <tony@develop-help.com>  
Tony Sanders <sanders@bsdi.com>  
Tor Lillqvist <tml@hemuli.tte.vtt.fi>  
Torsten Foertsch <torsten.foertsch@gmx.net>  
Torsten Schönfeld <kaffeetisch@gmx.de>  
Trevor Blackwell <tlb@viaweb.com>  
Tutomu IKEGAMI <t-ikegami@aist.go.jp>  
Tuomas J. Lukka <tjl@lukka.student.harvard.edu>  
Tye McQueen <tye@metronet.com>  
Ulrich Habel <rhaen@NetBSD.org>  
Ulrich Kunitz <kunitz@mai-koeln.com>  
Ulrich Pfeifer <pfeifer@wait.de>  
Unicode Consortium <unicode.org>  
Vadim Konovalov <vkonovalov@lucent.com>  
Valeriy E. Ushakov <uwe@ptc.spbu.ru>  
Vernon Lyon <vlyon@cpan.org>  
Victor Adam <victor@drawall.cc>  
Victor Efimov <victor@vsesp.ru>  
Viktor Turskyi <koorchik@gmail.com>  
Ville Skyttä <scop@cs132170.pp.htv.fi>



Vincent Pit <perl@province.com>  
Vishal Bhatia <vishal@deja.com>  
Vitali Peil <vitali.peil@uni-bielefeld.de>  
Vlad Harchev <hvv@hippo.ru>  
Vladimir Alexiev <vladimir@cs.ualberta.ca>  
Vladimir Marek <vlmarek@volny.cz>  
Vladimir Timofeev <vovkasm@gmail.com>  
Volker Schatz <perldoc@volkerschatz.com>  
W. Geoffrey Rommel <grommel@sears.com>  
W. Phillip Moore <wpm@ms.com>  
Wallace Reis <wreis@cpan.org>  
Walt Mankowski <waltman@pobox.com>  
Walter Briscoe <w.briscoe@ponl.com>  
Warren Hyde <whyde@pezz.sps.mot.com>  
Warren Jones <wjones@tc.fluke.com>  
Wayne Berke <berke@panix.com>  
Wayne Scott <wscott@ichips.intel.com>  
Wayne Thompson <Wayne.Thompson@Ebay.sun.com>  
Wilfredo Sánchez <wsanchez@mit.edu>  
William J. Middleton <William.Middleton@oslo.mobil.telenor.no>  
William Mann <wmann@avici.com>  
William Middleton <wmiddlet@adobe.com>  
William R Ward <hermit@BayView.COM>  
William Setzer <William\_Setzer@ncsu.edu>  
William Williams <biwillia@cisco.com>  
William Yardley <perlbug@veggiechinese.net>  
Winfried König <win@in.rhein-main.de>  
Wolfgang Laun <Wolfgang.Laun@alcatel.at>  
Wolfram Humann <w.c.humann@arcor.de>  
Xavier Noria <fxn@hashref.com>  
YAMASHINA Hio <hio@ymir.co.jp>  
Yaroslav Kuzmin <ykuzmin@rocketsoftware.com>  
Yary Hluchan  
Yasushi Nakajima <sey@jkc.co.jp>  
Yitzchak Scott-Thoennes <sthoenna@efn.org>  
Yutaka OIWA <oiwa@is.s.u-tokyo.ac.jp>  
Yutaka OKAIE  
Yutao Feng  
Yuval Kogman <nothingmuch@woobling.org>  
Yves Orton <demerphq@gmail.com>  
Zachary Miller <zcmiller@simon.er.usgs.gov>  
Zachary Storer <zacts.3.14159@gmail.com>  
Zak B. Elep <zakame@zakame.net>  
Zbynek Vyskovsky <kvr@centrum.cz>  
Zefram <zefram@fysh.org>  
Zsbán Ambrus <ambrus@math.bme.hu>  
Ævar Arnfjörð Bjarmason <avar@cpan.org>

# 1.447 arrow apache-arrow-0.7.1

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```
## 3rd-party licenses for code that has been adapted for the Arrow Python  
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Dynamic NDArray Developers list:

- \* Mark Wiebe
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## 1.454 yaml 2.4.0

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Paul Borman <borman@google.com>

bmatsuo

shawnps

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<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>  
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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities  
(CA). These were automatically extracted from Mozilla's root certificates  
file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore  
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## A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
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| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4   | 2.3   | 2004 | PSF | yes |
| 2.4.1 | 2.4   | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1   | 2010 | PSF | yes |
| 3.2   | 3.1   | 2010 | PSF | yes |

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# 1.469 grpc-ecosystem-go-grpc-middleware

## 1.2.1

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|         | from    |      |       | compatible? (1) |

|                |           |           |            |         |
|----------------|-----------|-----------|------------|---------|
| 0.9.0 thru 1.2 |           | 1991-1995 | CWI        | yes     |
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| 1.6            | 1.5.2     | 2000      | CNRI       | no      |
| 2.0            | 1.6       | 2000      | BeOpen.com | no      |
| 1.6.1          | 1.6       | 2001      | CNRI       | yes (2) |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no      |
| 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes     |
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Mersenne Twister

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The ``_random'` module includes code based on a download from ``http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html'`. The following are the verbatim comments from the original code:



A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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<http://www.math.keio.ac.jp/matsumoto/emt.html>  
email: [matsumoto@math.keio.ac.jp](mailto:matsumoto@math.keio.ac.jp)

Sockets

-----

The ``socket'` module uses the functions, ``getaddrinfo'`, and  
``getnameinfo'`, which are coded in separate source files from the WIDE  
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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting  
Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands  
as a successor of a language called ABC. Guido remains Python's  
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for  
National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)  
in Reston, Virginia where he released several versions of the  
software.

In May 2000, Guido and the Python core development team moved to  
BeOpen.com to form the BeOpen PythonLabs team. In October of the same  
year, the PythonLabs team moved to Digital Creations, which became  
Zope Corporation. In 2001, the Python Software Foundation (PSF, see

<https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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## 1.481 diffutils 3.7-3

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* /opt/cola/permits/1344216488_1655209209.660363/0/botbuilder-4-0-0-m3-0-tgz/package/src/fileStorage.ts
```

# 1.485 pretty 1.2.0

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Upstream Authors:

Christopher Montgomery <monty@xiph.org>

Greg Maxwell <greg@xiph.org>

Ralph Giles <giles@xiph.org>

Cristian Adam <cristian.adam@gmail.com>

Tim Terriberry <tterribe@xiph.org>

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Date: Sun, 14 Aug 2011 15:47:09 +1000  
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## 1.493 profile 1.6.0

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## 1.494 jackc-chunkreader 2.0.1

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Support for streaming Protocol Buffer messages for the Go language (golang).

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

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DNS library in Go

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LevelDB key/value database in Go

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gosnappy - a fork of [code.google.com/p/snappy-go](https://code.google.com/p/snappy-go)

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go-zookeeper - Native ZooKeeper client for Go

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Squirrel

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#

# Names should be added to this file as:

# Name <email address>

Raul Silvera <rsilvera@google.com>

Tipp Moseley <tipp@google.com>

Hyoun Kyu Cho <netforce@google.com>

Martin Spier <spiermar@gmail.com>

Taco de Wolff <tacodewolff@gmail.com>

Andrew Hunter <andrewhunter@gmail.com>

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package api

```
import (  
    "io/ioutil"  
    "strings"  
    "time"  
)
```

```
type License struct {  
    // The unique identifier of the license  
    LicenseID string `json:"license_id"`  
  
    // The customer ID associated with the license  
    CustomerID string `json:"customer_id"`  
  
    // If set, an identifier that should be used to lock the license to a  
    // particular site, cluster, etc.  
    InstallationID string `json:"installation_id"`  
  
    // The time at which the license was issued  
    IssueTime time.Time `json:"issue_time"`  
  
    // The time at which the license starts being valid  
    StartTime time.Time `json:"start_time"`  
  
    // The time after which the license expires  
    ExpirationTime time.Time `json:"expiration_time"`  
  
    // The time at which the license ceases to function and can  
    // no longer be used in any capacity  
    TerminationTime time.Time `json:"termination_time"``
```

```

// The product the license is valid for
Product string `json:"product"`

// License Specific Flags
Flags map[string]interface{} `json:"flags"`

// Modules is a list of the licensed enterprise modules
Modules []string `json:"modules"`

// List of features enabled by the license
Features []string `json:"features"`
}

type LicenseReply struct {
    Valid bool
    License *License
    Warnings []string
}

func (op *Operator) LicenseGet(q *QueryOptions) (*LicenseReply, error) {
    var reply LicenseReply
    if _, err := op.c.query("/v1/operator/license", &reply, q); err != nil {
        return nil, err
    } else {
        return &reply, nil
    }
}

func (op *Operator) LicenseGetSigned(q *QueryOptions) (string, error) {
    r := op.c.NewRequest("GET", "/v1/operator/license")
    r.params.Set("signed", "1")
    r.setQueryOptions(q)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return "", err
    }
    defer closeResponseBody(resp)

    data, err := ioutil.ReadAll(resp.Body)
    if err != nil {
        return "", err
    }

    return string(data), nil
}

// LicenseReset will reset the license to the builtin one if it is still valid.
// If the builtin license is invalid, the current license stays active.

```

```

//
// DEPRECATED: Consul 1.10 removes the corresponding HTTP endpoint as licenses
// are now set via agent configuration instead of through the API
func (op *Operator) LicenseReset(opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("DELETE", "/v1/operator/license")
    r.setWriteOptions(opts)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()
    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }
    return &reply, nil
}

// LicensePut will configure the Consul Enterprise license for the target datacenter
//
// DEPRECATED: Consul 1.10 removes the corresponding HTTP endpoint as licenses
// are now set via agent configuration instead of through the API
func (op *Operator) LicensePut(license string, opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("PUT", "/v1/operator/license")
    r.setWriteOptions(opts)
    r.body = strings.NewReader(license)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()

    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }

    return &reply, nil
}

```

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Configurable modular Prometheus exporter for various node metrics.

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Paul Borman <borman@google.com>

bmatsuo

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theory

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\*/

package minio

import (

"bytes"

"context"

"encoding/xml"

"fmt"

"net/http"

"net/url"

"github.com/minio/minio-go/v7/pkg/s3utils"

)

// objectLegalHold - object legal hold specified in

// <https://docs.aws.amazon.com/AmazonS3/latest/API/archive-RESTObjectPUTLegalHold.html>

```

type objectLegalHold struct {
    XMLNS string `xml:"xmlns,attr,omitempty"`
    XMLName xml.Name `xml:"LegalHold"`
    Status LegalHoldStatus `xml:"Status,omitempty"`
}

// PutObjectLegalHoldOptions represents options specified by user for PutObjectLegalHold call
type PutObjectLegalHoldOptions struct {
    VersionID string
    Status *LegalHoldStatus
}

// GetObjectLegalHoldOptions represents options specified by user for GetObjectLegalHold call
type GetObjectLegalHoldOptions struct {
    VersionID string
}

// LegalHoldStatus - object legal hold status.
type LegalHoldStatus string

const (
    // LegalHoldEnabled indicates legal hold is enabled
    LegalHoldEnabled LegalHoldStatus = "ON"

    // LegalHoldDisabled indicates legal hold is disabled
    LegalHoldDisabled LegalHoldStatus = "OFF"
)

func (r LegalHoldStatus) String() string {
    return string(r)
}

// IsValid - check whether this legal hold status is valid or not.
func (r LegalHoldStatus) IsValid() bool {
    return r == LegalHoldEnabled || r == LegalHoldDisabled
}

func newObjectLegalHold(status *LegalHoldStatus) (*objectLegalHold, error) {
    if status == nil {
        return nil, fmt.Errorf("Status not set")
    }
    if !status.IsValid() {
        return nil, fmt.Errorf("invalid legal hold status `%v`", status)
    }
    legalHold := &objectLegalHold{
        Status: *status,
    }
    return legalHold, nil
}

```



```

}

// PutObjectLegalHold : sets object legal hold for a given object and versionID.
func (c Client) PutObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
PutObjectLegalHoldOptions) error {
    // Input validation.
    if err := s3utils.CheckValidBucketName(bucketName); err != nil {
        return err
    }

    if err := s3utils.CheckValidObjectName(objectName); err != nil {
        return err
    }

    // Get resources properly escaped and lined up before
    // using them in http request.
    urlValues := make(url.Values)
    urlValues.Set("legal-hold", "")

    if opts.VersionID != "" {
        urlValues.Set("versionId", opts.VersionID)
    }

    lh, err := newObjectLegalHold(opts.Status)
    if err != nil {
        return err
    }

    lhData, err := xml.Marshal(lh)
    if err != nil {
        return err
    }

    reqMetadata := requestMetadata{
        bucketName:    bucketName,
        objectName:    objectName,
        queryValues:   urlValues,
        contentType:   bytes.NewReader(lhData),
        contentLength: int64(len(lhData)),
        contentMD5Base64: sumMD5Base64(lhData),
        contentSHA256Hex: sum256Hex(lhData),
    }

    // Execute PUT Object Legal Hold.
    resp, err := c.executeMethod(ctx, http.MethodPut, reqMetadata)
    defer closeResponse(resp)
    if err != nil {
        return err
    }
}

```

```

}
if resp != nil {
    if resp.StatusCode != http.StatusOK && resp.StatusCode != http.StatusNoContent {
        return httpRespToErrorResponse(resp, bucketName, objectName)
    }
}
return nil
}

// GetObjectLegalHold gets legal-hold status of given object.
func (c Client) GetObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
GetObjectLegalHoldOptions) (status *LegalHoldStatus, err error) {
    // Input validation.
    if err := s3utils.CheckValidBucketName(bucketName); err != nil {
        return nil, err
    }

    if err := s3utils.CheckValidObjectName(objectName); err != nil {
        return nil, err
    }
    urlValues := make(url.Values)
    urlValues.Set("legal-hold", "")

    if opts.VersionID != "" {
        urlValues.Set("versionId", opts.VersionID)
    }

    // Execute GET on bucket to list objects.
    resp, err := c.executeMethod(ctx, http.MethodGet, requestMetadata{
        bucketName:    bucketName,
        objectName:    objectName,
        queryValues:   urlValues,
        contentSHA256Hex: emptySHA256Hex,
    })
    defer closeResponse(resp)
    if err != nil {
        return nil, err
    }
    if resp != nil {
        if resp.StatusCode != http.StatusOK {
            return nil, httpRespToErrorResponse(resp, bucketName, objectName)
        }
    }
    lh := &objectLegalHold{}
    if err = xml.NewDecoder(resp.Body).Decode(lh); err != nil {
        return nil, err
    }
}

```

```
return &lh.Status, nil
```

```
}
```

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>  
John Shahid <jvshahid@gmail.com>  
John Tuley <john@tuley.org>  
Laurent <laurent@adyoulike.com>  
Patrick Lee <patrick@dropbox.com>  
Peter Edge <peter.edge@gmail.com>  
Roger Johansson <rogersaling@gmail.com>  
Sam Nguyen <sam.nguyen@sendgrid.com>  
Sergio Arbeo <serabe@gmail.com>  
Stephen J Day <stephen.day@docker.com>  
Tamir Duberstein <tamird@gmail.com>  
Todd Eisenberger <teisenberger@dropbox.com>  
Tormod Erevik Lea <tormodlea@gmail.com>  
Vyacheslav Kim <kane@sendgrid.com>  
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Bits of Go-lang's `once.Do()` were cribbed and reused here, too.

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package spec

```
import (  
    "encoding/json"
```



```

"github.com/go-openapi/swag"
)

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

// UnmarshalJSON hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}

// MarshalJSON produces License as json
func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}
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```

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## 1.511 py3-idna 3.3-r0

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## 1.512 tdb 1.45.5

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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# 1.516 go-md2man 2.0.0-20190314233015-f79a8a8ca69d

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## 1.517 cachecontrol 0.12.10

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Metadata-Version: 2.1

Name: CacheControl

Version: 0.12.10

Summary: httplib2 caching for requests

Home-page: <https://github.com/ionrock/cachecontrol>

Author: Eric Larson

Author-email: [eric@ionrock.org](mailto:eric@ionrock.org)

License: UNKNOWN

Description: ..

SPDX-FileCopyrightText: `SPDX-FileCopyrightText: 2015 Eric Larson`

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=====

CacheControl

=====

```
.. image:: https://img.shields.io/pypi/v/cachecontrol.svg
   :target: https://pypi.python.org/pypi/cachecontrol
   :alt: Latest Version
```

```
.. image:: https://travis-ci.org/ionrock/cachecontrol.png?branch=master
   :target: https://travis-ci.org/ionrock/cachecontrol
```

CacheControl is a port of the caching algorithms in `httplib2_` for use with `requests_` session object.

It was written because `httplib2`'s better support for caching is often mitigated by its lack of thread safety. The same is true of `requests` in terms of caching.

Quickstart

=====

```
.. code-block:: python
```

```
import requests
```

```
from cachecontrol import CacheControl
```

```
sess = requests.session()
```

```
cached_sess = CacheControl(sess)
```

```
response = cached_sess.get('http://google.com')
```

If the URL contains any caching based headers, it will cache the result in a simple dictionary.

For more info, check out the `docs_`

```
.. _docs: http://cachecontrol.readthedocs.org/en/latest/
```

```
.. _httplib2: https://github.com/httplib2/httplib2
```

```
.. _requests: http://docs.python-requests.org/
```

Keywords: requests http caching web

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta  
Classifier: Environment :: Web Environment  
Classifier: License :: OSI Approved :: Apache Software License  
Classifier: Operating System :: OS Independent  
Classifier: Programming Language :: Python :: 3.6  
Classifier: Programming Language :: Python :: 3.7  
Classifier: Programming Language :: Python :: 3.8  
Classifier: Programming Language :: Python :: 3.9  
Classifier: Programming Language :: Python :: 3.10  
Classifier: Topic :: Internet :: WWW/HTTP  
Requires-Python: >=3.6  
Provides-Extra: redis  
Provides-Extra: filecache

Found in path(s):

\* /opt/cola/permits/1224936282\_1636188730.46/0/cachecontrol-0-12-10-tar-gz/CacheControl-0.12.10/CacheControl.egg-info/PKG-INFO  
\* /opt/cola/permits/1224936282\_1636188730.46/0/cachecontrol-0-12-10-tar-gz/CacheControl-0.12.10/PKG-INFO

# 1.518 klauspost-compress 1.9.7

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## 1.523 ordered-set 4.0.2

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This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this

will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

# 1.527 gnutls 3.6.13-2ubuntu1.6

## 1.527.1 Available under license :

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Version 3, 29 June 2007

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## version 0.1  
##  
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Written by: Philip Hazel

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,



Cambridge, England.

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Written by: Zoltan Herczeg  
Email local part: hzmester  
Email domain: freemail.hu

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# 1.531 protobuf 1.27.1

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## 1.533 charset-normalizer 2.0.7

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## 1.534 idna 13.0.0

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## 1.535 fasthttp 1.30.0

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# 1.536 py3-tomli 1.2.2-r0

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# 1.537 jaeger-lib 2.4.0+incompatible

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## 1.538 urllib3 1.26.6

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## 1.539 modern-go-reflect2 1.0.1

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# 1.540 python 3.8.2 0ubuntu2

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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as a successor of a language called ABC. Guido remains Python's  
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for  
National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)  
in Reston, Virginia where he released several versions of the  
software.

In May 2000, Guido and the Python core development team moved to  
BeOpen.com to form the BeOpen PythonLabs team. In October of the same  
year, the PythonLabs team moved to Digital Creations (now Zope  
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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
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| 2.6     | 2.5          | 2008 | PSF   | yes                 |
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| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
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| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |
| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
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| 3.2.1   | 3.2          | 2011 | PSF   | yes                 |
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Ty Coon, President of Vice
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exports

include/\*.h

libacl/\*.c

libacl/\*.h

libmisc/\*.c

tools/do\_set.\*

tools/parse.\*

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## 1.549 json-iterator-go 1.1.10

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and:

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It was previously maintained by Christopher C. Chimelis <chris@debian.org>

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## 1.551 etcd-client-pkg 3.5.2

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W7qwfhChoFxnAQd0NY\_d1mLsCHF1nQK0k907IbextZ3XHSCqSkS2nw0S41p9sEbzWLludSRRqJRn-AmxAKdm5s43kheNpP5iArWKtBrtubgytIDanulTfibdAPHaZedyx3JDww3hIUgo2shird7L4q2xQsE0bBDBgGrIndZ6lYGJDKf600LpOPSzSON6uXdPefhPD1bZP0GAFTNMAkm0K39e9J-j9Xz5ao7bEswfR6pcYO1uQC9VmxJYdLkuY9vYiltED6m5dW--NXVx0pudr\_e5BXfpT5-RdUHaGM0Od6EZggeD5PNgUtWXmXd6C0gFBZZEx\_KobDXrCD9s8tmRJb3ACBSCh2NdfFCCfOU3JRHeSgANTDYzY0pcJicoE5UcvP2dEICVvEORwbTumtfWbuDSbXwHqcynVjkJbwxHhRMMeJtjnx4dbb6\_wdp2RjOUilTb2ob40OWyU0szgpSe2-5XS\_F7ixL7vMf00OHFtTDk0Wg\_dv15IR3C-zK8WFWEr4b4POc1P6pRrKOLKIFIKBGGZWF-S-u3gedAL2VLpFoUCG5FMnnJGv2iNfNYkG20zObn9K6FG5uNq6T0ZvfJlJjYnVxV45mx7jhOg2R5HakZXlx16Iv95qIHivJR6UZKHqWr\_Hp3YvaxatkqbFwpXxQU0xtMJO3dXafATFMW\_1  
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Support for streaming Protocol Buffer messages for the Go language (golang).

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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# 1.559 go-socket-io 0.0.0-20170525141029-5447e71f36d3

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## 1.560 urllib3 1.26.7

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## 1.561 gopkg-in/ldap 3.0.2

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# 1.562 sound-theme-freedesktop 0.8 2ubuntu1

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Upstream-Name: sound-theme-freedesktop

Upstream-Contact: Lennart Poettering <lennart@poettering.net>, William Jon McCann <jmccann@redhat.com>

Source: <https://people.freedesktop.org/~mccann/dist/>

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# 1.563 gogoprotobuf 1.3.1

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Go support for Protocol Buffers - Google's data interchange format

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Anton Povarov <[anton.povarov@gmail.com](mailto:anton.povarov@gmail.com)>

Brian Goff <[cpuguy83@gmail.com](mailto:cpuguy83@gmail.com)>

Clayton Coleman <[ccoleman@redhat.com](mailto:ccoleman@redhat.com)>

Denis Smirnov <[denis.smirnov.91@gmail.com](mailto:denis.smirnov.91@gmail.com)>

DongYun Kang <[ceram1000@gmail.com](mailto:ceram1000@gmail.com)>

Dwayne Schultz <[dschultz@pivotal.io](mailto:dschultz@pivotal.io)>

Georg Apitz <[gapitz@pivotal.io](mailto:gapitz@pivotal.io)>

Gustav Paul <[gustav.paul@gmail.com](mailto:gustav.paul@gmail.com)>

Johan Brandhorst <[johan.brandhorst@gmail.com](mailto:johan.brandhorst@gmail.com)>

John Shahid <[jvshahid@gmail.com](mailto:jvshahid@gmail.com)>

John Tuley <john@tuley.org>  
Laurent <laurent@adyoulike.com>  
Patrick Lee <patrick@dropbox.com>  
Peter Edge <peter.edge@gmail.com>  
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# 1.564 python 3.9.7-r4

## 1.564.1 Available under license :

### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|-------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI   | yes                 |

|                |           |           |            |         |
|----------------|-----------|-----------|------------|---------|
| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes     |
| 1.6            | 1.5.2     | 2000      | CNRI       | no      |
| 2.0            | 1.6       | 2000      | BeOpen.com | no      |
| 1.6.1          | 1.6       | 2001      | CNRI       | yes (2) |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no      |
| 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes     |
| 2.1.1          | 2.1+2.0.1 | 2001      | PSF        | yes     |
| 2.1.2          | 2.1.1     | 2002      | PSF        | yes     |
| 2.1.3          | 2.1.2     | 2002      | PSF        | yes     |
| 2.2 and above  | 2.1.1     | 2001-now  | PSF        | yes     |

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Damian Gryski <dgryski@gmail.com>  
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## 1.571 libidn 2.2.0 2

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Upstream-Contact: Costa Tsaousis <[costa@tsaousis.gr](mailto:costa@tsaousis.gr)>

Source: <https://github.com/netdata/netdata>

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\* @author Ben Keen

\* @version 0.1.9

\* @date June 17th, 2015

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```
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/*
* Generated by ncsc --mib2yang-std
* Source: MIB_SOURCES_POST_PROCESSED/CISCO-IMAGE-LICENSE-MGMT-MIB.mib
*/
/*
* This YANG module has been generated by smidump 0.5.0:
*
*   smidump -f yang CISCO-IMAGE-LICENSE-MGMT-MIB
*
* Do not edit. Edit the source file instead!
*/
```

```
module CISCO-IMAGE-LICENSE-MGMT-MIB {

    namespace "urn:ietf:params:xml:ns:yang:smiv2:CISCO-IMAGE-LICENSE-MGMT-MIB";
    prefix "cisco-image-license-mgmt-mib";

    import ENTITY-MIB {
        prefix "entity-mib";
    }

    import SNMP-FRAMEWORK-MIB {
        prefix "snmp-framework";
    }

    import ietf-yang-smiv2 {
        prefix "smiv2";
    }

    organization
        "Cisco Systems Inc.";

    contact
        "Cisco Systems
        Customer Service
        Postal: 170 W Tasman Drive
        San Jose, CA 95134
        USA
        Tel: +1 800 553 -NETS
        E-mail: cs-snmp@cisco.com";

    description
        "The MIB module for managing the running image level
        of a Cisco device. Cisco's licensing mechanism provides
        flexibility to run a device on a chosen image level.
        This mechanism is referred to as image level licensing.
```

Image level licensing leverages the universal image based licensing solution.

The image level licensing mechanism works as follows -

A universal image that contains all levels of software packages is loaded on to the device. At boot time, the device determines the highest level of license and brings up the appropriate software features or subsystems. The user can configure the image level with which the device has to boot. The system will verify whether the appropriate license is available for the configured image level. The image level for the next boot will be determined based on the availability of the license. The following scenarios explain some use-cases of image level licensing:

Scenario 1:

- Customer selects advsecurityk9 based image.
- Manufacturing installs advsecurity license on the device.
- This device will run all features that are part of the base advsecurity license.
- Customer upgrades to advipservicesk9 license.
- The next boot level is set to advipservicesk9.
- The device will run advsecurityk9 feature until the next reboot. After reboot the device will run advipservicesk9 features.

Scenario 2:

- Customer selects advipservicesk9 based image.
- Manufacturing installs advipservices and advsecurity license on the device.
- This device will run all features that are part of the base advipservices license.
- No upgrades available for advipservices license.

The user has to accept the End User License Agreement(EULA) before using this MIB to configure the image level.

This MIB should be used in conjunction with CISCO-LICENSE-MGMT-MIB module to achieve the image level licensing functionality.

This MIB module defines objects which provides the different image levels supported by the device and the license required to enable a particular image level. It also defines objects to let the user configure the required image level. The MIB module contains notification which will be triggered when the user changes the image level for next boot.

The CISCO-LICENSE-MGMT-MIB module should be used to export the EULA and to configure the required license.

This MIB module is defined generically so it can be used for both stand-alone as well as stackable devices. The entPhysicalIndex imported from ENTITY-MIB is used to identify the device uniquely.";

```
revision 2007-10-16 {
  description
    "Initial version of this MIB module.";
}

typedef BootImageLevel {
  type binary {
    length "0..255";
  }
  description
    "This textual convention is used to define
    the image level.

    If the device is running at advipservices
    image level, then the boot image level will
    be 'advipservices.'";
}

typedef LicenseNameList {
  type binary {
    length "0..255";
  }
  description
    "This textual convention is used to define
    the list of license names. If multiple licenses
    are present then this string will contain all
    the licenses seperated by the ',' character.

    If the license required to run a device at
    advipservices image level is advipservices and
    advsecurity, then the license name list will be
    'advipservices,advsecurity.'";
}

container CISCO-IMAGE-LICENSE-MGMT-MIB {
  config false;

  container ciscoImageLicenseMgmtMIBObjects {
```

smiv2:oid "1.3.6.1.4.1.9.9.640.1";

leaf cilmEULAAccepted {

type boolean;

description

"This object when set to TRUE means that the user has accepted the END USER LICENSE AGREEMENT. This object has to be set to TRUE by the user before using the objects in the cilmBootImageLevelTable to configure the license.";

smiv2:defval "false";

smiv2:max-access "read-write";

smiv2:oid "1.3.6.1.4.1.9.9.640.1.3";

}

}

container cilmNotifCntl {

smiv2:oid "1.3.6.1.4.1.9.9.640.1.4";

leaf cilmImageLevelChangedNotif {

type boolean;

description

"Specify whether or not a notification should be generated on the detection of change in next boot image level.

If set to TRUE, cilmBootImageLevelChanged notification will be generated. It is the responsibility of the management entity to ensure that the SNMP administrative model is configured in such a way as to allow the notification to be delivered.";

reference

"See also RFC3413 for explanation that notifications are under the ultimate control of the MIB module in this document.";

smiv2:defval "false";

smiv2:max-access "read-write";

smiv2:oid "1.3.6.1.4.1.9.9.640.1.4.1";

}

}

container cilmBootImageLevelTable {

description

"A table that contains the configuration information of current and next boot image level. This table contains entries for each software module running in an image loaded in the device. The software module is identified by cilmModuleName and the device is identified by

```

entPhysicalIndex.";
smiv2:oid "1.3.6.1.4.1.9.9.640.1.1";

list cilmBootImageLevelEntry {
  key "entPhysicalIndex cilmModuleName";
  description
  "An entry in the table for each module containing the
  list of objects that define the configuration of next
  boot level. The following information is specified by
  the objects present in the table.

  - Current image level.
  - Configured image level for the next boot.
  - Actual image level for the next boot.
  - License store index for the current license.
  - License index of the current license.
  - License store index for the next boot license.
  - License index of the next boot license.";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1";

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf cilmModuleName {
    type snmp-framework:SnmpAdminString;
    description
    "This object is used as one of the two indices in
    cilmBootImageLevelTable. This object indicates the module
    name of the software package. There can be multiple
    modules in an image performing specific functionality.
    For example, in a wireless image there can be two modules
    - a base image module and a wireless module.";
    smiv2:max-access "not-accessible";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.1";
  }

  leaf cilmCurrentImageLevel {
    type cisco-image-license-mgmt-mib:BootImageLevel;
    description
    "This object indicates the current image level that
    the module is running.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.2";
  }
}

```

```

leaf cilmConfiguredBootImageLevel {
  type cisco-image-license-mgmt-mib:BootImageLevel;
  description
    "This object indicates the configured image level
    of the module for the next boot.

    Note: The configured next boot image level may not
    be the actual next boot image level. The actual next
    boot image level is denoted by cilmNextBootImageLevel
    which is determined based on the license availability.";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.3";
}

```

```

leaf cilmNextBootImageLevel {
  type cisco-image-license-mgmt-mib:BootImageLevel;
  description
    "This object indicates the next boot image level. The
    next boot image level can be different from configured
    level. The next boot image level is determined based
    on the availability of required license.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.4";
}

```

```

leaf cilmCurrentLicenseStoreIndex {
  type uint32;
  description
    "This object indicates the license store index where the
    currently used license is stored. This object has the same
    value as clmgmtLicenseStoreIndex object and uniquely
    identifies an entry in clmgmtLicenseStoreInfoTable in
    CISCO-LICENSE-MGMT-MIB.

    Note: The license store index can be '0' if no license is
    installed and device is running base image.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.5";
}

```

```

leaf cilmCurrentLicenseIndex {
  type uint32;
  description
    "This object indicates the license index of the currently used
    license. This object has the same value as clmgmtLicenseIndex and
    uniquely identifies an entry in clmgmtLicenseInfoTable in
    CISCO-LICENSE-MGMT-MIB.

```

Note: The license index can be '0' if no license is installed and device is running base image.";  
smiv2:max-access "read-only";  
smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.6";  
}

```
leaf cilmNextBootLicenseStoreIndex {  
  type uint32;  
  description  
    "This object indicates the license store index where the  
    next boot license is stored. This object has the same  
    value as clmgmtLicenseStoreIndex object and uniquely  
    identifies an entry in clmgmtLicenseStoreInfoTable in  
    CISCO-LICENSE-MGMT-MIB.
```

Note: The license store index can be '0' if no license is installed for the next boot.";  
smiv2:max-access "read-only";  
smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.7";  
}

```
leaf cilmNextBootLicenseIndex {  
  type uint32;  
  description  
    "This object indicates the license index of the next boot  
    license. This object has the same value as clmgmtLicenseIndex  
    and uniquely identifies an entry in clmgmtLicenseInfoTable in  
    CISCO-LICENSE-MGMT-MIB.
```

Note: The license index can be '0' if no license is installed for the next boot.";  
smiv2:max-access "read-only";  
smiv2:oid "1.3.6.1.4.1.9.9.640.1.1.1.8";  
}  
}  
}

```
container cilmImageLevelToLicenseMapTable {  
  description  
    "This table contains the mapping between different  
    image levels of each modules in the image and the  
    license required to run the modules at a particular  
    image level. This table can be used to identify the  
    different image levels and the appropriate licenses  
    required for each.";  
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.2";
```

```

list cilmImageLevelToLicenseMapEntry {
  key "entPhysicalIndex cilmModuleName cilmImageLicenseMapIndex";
  description
    "An entry in the table containing the following
    information.
    - The image levels at the which the modules can be run.
    - The license required to the run a module at a
    particular image level.
    - The priority of the license.";
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1";

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf cilmModuleName {
    type leafref {
      path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmModuleName";
    }
  }

  leaf cilmImageLicenseMapIndex {
    type uint32;
    description
      "This is a running index used to identify an entry
      of this table.";
    smiv2:max-access "not-accessible";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1.1";
  }

  leaf cilmImageLicenseImageLevel {
    type cisco-image-license-mgmt-mib:BootImageLevel;
    description
      "This object indicates the image level at which
      a module can be run. A module can be run at
      different image levels. An entry will be created
      in this table for every module and image level
      combination.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1.2";
  }

  leaf cilmImageLicenseName {

```



```

type cisco-image-license-mgmt-mib:LicenseNameList;
description
  "This object indicates the list of licenses needed to
  be installed for the module to run at the image level
  mentioned by cilmImageLicenseImageLevel object of this
  entry.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1.3";
}

leaf cilmImageLicensePriority {
  type uint32 {
    range "1..255";
  }
  description
    "This object indicates the priority of the image level
    mentioned by cilmImageLicenseImageLevel object of this
    entry. The image level with the highest priority license
    will be considered as the default level in the absense of
    next boot image level configuration. For example if there
    are three licenses 11, 12 and 13 in the ascending order of
    priority, then by default 11 will be the level at which the
    module will be running. If the next boot level is configured
    then the configuration will override the priority. The highest
    priority license supports a feature set which is a super set of
    all other licenses.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.640.1.2.1.4";
}
}
}
}

notification cilmBootImageLevelChanged {
  description
    "This notification is triggered when next boot image level
    is changed in the management entity. The current and
    configured image level are indicated by cilmCurrentImageLevel
    and cilmConfiguredBootImageLevel objects respectively.";
smiv2:oid "1.3.6.1.4.1.9.9.640.0.1";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }
  }
}

```

```

}

leaf cilmModuleName {
  type leafref {
    path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmModuleName";
  }
}

leaf cilmCurrentImageLevel {
  type leafref {
    path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmCurrentImageLevel";
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf cilmModuleName {
    type leafref {
      path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmModuleName";
    }
  }

  leaf cilmConfiguredBootImageLevel {
    type leafref {
      path "/cisco-image-license-mgmt-mib:CISCO-IMAGE-LICENSE-MGMT-MIB/cisco-image-license-mgmt-
mib:cilmBootImageLevelTable/cisco-image-license-mgmt-mib:cilmBootImageLevelEntry/cisco-image-license-
mgmt-mib:cilmConfiguredBootImageLevel";
    }
  }
}

smiv2:alias "ciscoImageLicenseMgmtMIB" {
  smiv2:oid "1.3.6.1.4.1.9.9.640";
}

```

```
}

smiv2:alias "ciscoImageLicenseMgmtMIBNotifs" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.0";
}

smiv2:alias "ciscoImageLicenseMgmtMIBObjects" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.1";
}

smiv2:alias "cilmNotifCntl" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.1.4";
}

smiv2:alias "ciscoImageLicenseMgmtMIBConform" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.2";
}

smiv2:alias "cilmModuleCompliances" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.2.1";
}

smiv2:alias "cilmModuleGroups" {
  smiv2:oid "1.3.6.1.4.1.9.9.640.2.2";
}

}
```

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--

-- Juniper Enterprise Specific MIB: License MIB

--

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--

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--

JUNIPER-LICENSE-MIB DEFINITIONS ::= BEGIN

IMPORTS

MODULE-IDENTITY, OBJECT-TYPE, Unsigned32, TimeTicks, IpAddress,

NOTIFICATION-TYPE

FROM SNMPv2-SMI

jnxLicenseMibRoot

FROM JUNIPER-SMI

DisplayString

FROM SNMPv2-TC;

jnxLicenseMIB MODULE-IDENTITY

LAST-UPDATED "201007090000Z"

ORGANIZATION "Juniper Networks, Inc."

CONTACT-INFO

"Juniper Technical Assistance Center

Juniper Networks, Inc.

1194 N. Mathilda Avenue

Sunnyvale, CA 94089

E-mail: support@juniper.net"

DESCRIPTION

"Implementation of enterprise specific MIB  
for license commands and configuration."

REVISION "201007090000Z" -- Jul 09, 2010

DESCRIPTION

"Initial version."

::= { jnxLicenseMibRoot 1 }

jnxLicenseNotifications OBJECT IDENTIFIER ::= { jnxLicenseMIB 0 }

jnxLicenseObjects OBJECT IDENTIFIER ::= { jnxLicenseMIB 1 }

jnxLicenseInstallObjects OBJECT IDENTIFIER ::= { jnxLicenseObjects 1 }

jnxLicenseSettings OBJECT IDENTIFIER ::= { jnxLicenseObjects 2 }

-- \*\*\*\*\*

-- License table for installed licenses

-- \*\*\*\*\*

jnxLicenseInstallTable OBJECT-TYPE

SYNTAX SEQUENCE OF JnxLicenseInstallEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION "This table contains installed feature license information."

::= { jnxLicenseInstallObjects 1 }

jnxLicenseInstallEntry OBJECT-TYPE

SYNTAX JnxLicenseInstallEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION "A row of giving installed feature license information."

INDEX { IMPLIED jnxLicenseId }

::= { jnxLicenseInstallTable 1 }

JnxLicenseInstallEntry ::= SEQUENCE {

jnxLicenseId DisplayString,

jnxLicenseVersion INTEGER,

jnxLicenseDeviceId DisplayString,

jnxLicenseType INTEGER,

jnxLicenseKeys OCTET STRING

}

jnxLicenseId OBJECT-TYPE

SYNTAX DisplayString

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION "Installed feature licenses Id."

::= { jnxLicenseInstallEntry 1 }

jnxLicenseVersion OBJECT-TYPE  
SYNTAX INTEGER  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "License Version information"  
::= { jnxLicenseInstallEntry 2 }

jnxLicenseDeviceId OBJECT-TYPE  
SYNTAX DisplayString  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "License Device Id "  
::= { jnxLicenseInstallEntry 3 }

jnxLicenseType OBJECT-TYPE  
SYNTAX INTEGER { invalid(0), count-down(1), date-based(2),permanent(3) }  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "License type information"  
::= { jnxLicenseInstallEntry 4 }

jnxLicenseKeys OBJECT-TYPE  
SYNTAX OCTET STRING  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION "License Keys"  
::= { jnxLicenseInstallEntry 5 }

-- Feature Listing Table

jnxLicenseFeatureListTable OBJECT-TYPE  
SYNTAX SEQUENCE OF JnxLicenseFeatureListEntry  
MAX-ACCESS not-accessible  
STATUS current  
DESCRIPTION "list of features supporting Licensing."  
::= { jnxLicenseInstallObjects 2 }

jnxLicenseFeatureListEntry OBJECT-TYPE  
SYNTAX JnxLicenseFeatureListEntry  
MAX-ACCESS not-accessible  
STATUS current  
DESCRIPTION "A row of licensed features."  
INDEX { jnxLicenseFeatureId }  
::= { jnxLicenseFeatureListTable 1 }

JnxLicenseFeatureListEntry ::= SEQUENCE {  
jnxLicenseFeatureId INTEGER,  
jnxLicenseFeatureName DisplayString,

```
jnxLicenseFeatureDescr    DisplayString,  
jnxLicenseFeatureLicenseId  DisplayString,  
jnxLicenseFeatureLicenseUsed    INTEGER,  
jnxLicenseFeatureLicenseInstalled  INTEGER,  
jnxLicenseFeatureLicenseNeeded    INTEGER  
}
```

jnxLicenseFeatureId OBJECT-TYPE

```
SYNTAX    INTEGER  
MAX-ACCESS    not-accessible  
STATUS    current  
DESCRIPTION    "Feature Id to point an entry in this table"  
::= { jnxLicenseFeatureListEntry 1 }
```

jnxLicenseFeatureName OBJECT-TYPE

```
SYNTAX    DisplayString  
MAX-ACCESS    read-only  
STATUS    current  
DESCRIPTION    "Feature Name"  
::= { jnxLicenseFeatureListEntry 2 }
```

jnxLicenseFeatureDescr OBJECT-TYPE

```
SYNTAX    DisplayString  
MAX-ACCESS    read-only  
STATUS    current  
DESCRIPTION    "Feature Name"  
::= { jnxLicenseFeatureListEntry 3 }
```

jnxLicenseFeatureLicenseId OBJECT-TYPE

```
SYNTAX    DisplayString  
MAX-ACCESS    read-only  
STATUS    current  
DESCRIPTION    "Feature License Id"  
::= { jnxLicenseFeatureListEntry 4 }
```

jnxLicenseFeatureLicenseUsed OBJECT-TYPE

```
SYNTAX    INTEGER  
MAX-ACCESS    read-only  
STATUS    current  
DESCRIPTION    "Licenses Used"  
::= { jnxLicenseFeatureListEntry 5 }
```

jnxLicenseFeatureLicenseInstalled OBJECT-TYPE

```
SYNTAX    INTEGER  
MAX-ACCESS    read-only  
STATUS    current  
DESCRIPTION    "Licenses Installed"  
::= { jnxLicenseFeatureListEntry 6 }
```

jnxLicenseFeatureLicenseNeeded OBJECT-TYPE

SYNTAX INTEGER

MAX-ACCESS read-only

STATUS current

DESCRIPTION "Licenses Needed"

::= { jnxLicenseFeatureListEntry 7 }

-- \*\*\*\*\*

-- License configuration parameters

-- \*\*\*\*\*

jnxLicenseRenewBeforExpiration OBJECT-TYPE

SYNTAX INTEGER

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"License renew lead time before expiration in days."

::= { jnxLicenseSettings 1 }

jnxLicenseRenewInterval OBJECT-TYPE

SYNTAX INTEGER

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"License checking interval in hours."

::= { jnxLicenseSettings 2 }

jnxLicenseAutoUpdate OBJECT-TYPE

SYNTAX DisplayString

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"License auto update URL of a license server."

::= { jnxLicenseSettings 3 }

-- \*\*\*\*\*

-- define branches for jnx license traps

-- \*\*\*\*\*

jnxLicenseGraceExpired NOTIFICATION-TYPE

OBJECTS { jnxLicenseFeatureName }

STATUS current

DESCRIPTION

"The SNMP trap that is generated when the license grace period for



```

        feature identified by jnxLicenseFeatureName is expired"
 ::= { jnxLicenseNotifications 1 }

jnxLicenseGraceAboutToExpire NOTIFICATION-TYPE
  OBJECTS { jnxLicenseFeatureName }
  STATUS current
  DESCRIPTION
    "The SNMP trap that is generated when the license grace period for
    feature identified by jnxLicenseFeatureName is about to expire"
 ::= { jnxLicenseNotifications 2 }

jnxLicenseAboutToExpire NOTIFICATION-TYPE
  OBJECTS { jnxLicenseFeatureName }
  STATUS current
  DESCRIPTION
    "The SNMP trap that is generated when the license period for
    feature identified by jnxLicenseFeatureName is about to expire"
 ::= { jnxLicenseNotifications 3 }

jnxLicenseInfringeCumulative NOTIFICATION-TYPE
  OBJECTS { jnxLicenseFeatureName }
  STATUS current
  DESCRIPTION
    "The SNMP trap that is generated when the feature is used more
    times than as specified in number of licenses allowed for feature
    as identified by jnxLicenseFeatureName"
 ::= { jnxLicenseNotifications 4 }

jnxLicenseInfringeSingle NOTIFICATION-TYPE
  OBJECTS { jnxLicenseFeatureName }
  STATUS current
  DESCRIPTION
    "The SNMP trap that is generated when the license for feature
    identified by jnxLicenseFeatureName is not valid i.e. either expired or
    not available."
 ::= { jnxLicenseNotifications 5 }

END
/*
 * Generated by nscs --mib2yang-std
 * Source: MIB_SOURCES_POST_PROCESSED/CISCO-LICENSE-MGMT-MIB.mib
 */
/*
 * This YANG module has been generated by smidump 0.5.0:
 *
 * smidump -f yang CISCO-LICENSE-MGMT-MIB
 *

```

\* Do not edit. Edit the source file instead!

\*/

```
module CISCO-LICENSE-MGMT-MIB {

    namespace "urn:ietf:params:xml:ns:yang:smiv2:CISCO-LICENSE-MGMT-MIB";
    prefix "cisco-license-mgmt-mib";

    import ENTITY-MIB {
        prefix "entity-mib";
    }

    import INET-ADDRESS-MIB {
        prefix "inet-address";
    }

    import SNMP-FRAMEWORK-MIB {
        prefix "snmp-framework";
    }

    import SNMPv2-TC {
        prefix "snmpv2-tc";
    }

    import ietf-yang-smiv2 {
        prefix "smiv2";
    }

    organization
        "Cisco Systems Inc.";

    contact
        "Cisco Systems
        Customer Service

        Postal: 170 W Tasman Drive

        San Jose, CA 95134

        USA

        Tel: +1 800 553 -NETS

        E-mail: cs-snmp@cisco.com";

    description
        "The MIB module for managing licenses on the system.
        The licensing mechanism provides flexibility to
```

enforce licensing for various features in the system.

The following text introduces different concepts and terms those are necessary to understand the MIB definition and to perform license management.

#### UDI

Universal Device Identifier that uniquely identifies a device. It comprises of product ID, version ID and serial number of the device.

#### NODE LOCKED LICENSE:

Node locked licenses are locked to one of the device identifiers in the system. For example, the license can be locked to the UDI value of one of the devices in the system. Locking a license to an UDI guarantees that the license will not be moved to a device with a different UDI.

#### NON-NODE LOCKED LICENSE:

Non-node locked licenses are not locked to any device identifier. They can be used on other similar devices.

#### METERED LICENSE:

Metered licenses are valid for limited period of time and they expire after that. This period is the usage period of a license and it is not based on real time clock, but system clock.

#### EULA:

End User License Agreement.

#### EVALUATION LICENSE:

Evaluation licenses are non-node locked metered licenses which are valid only for a limited period. They are used only when there are no permanent, extension or grace period licenses for a feature. User will have to accept EULA (End User License Agreement) before using an evaluation license. Even though they are not node locked, their usage is recorded on the device.

#### RIGHT TO USE (RTU) LICENSE:

Right to use license is a non-node locked metered license which is in evaluation mode for a limited time after which it is converted to Right To Use (RTU) license and is valid for the lifetime of the product. User will have to accept EULA (End User License Agreement)

before using this license. Even though it is not node locked, usage information is recorded on the device.

#### EXTENSION LICENSE:

Extension licenses are node locked metered licenses. These licenses are issued by Cisco's licensing portal. These licenses need to be installed using management interfaces on the device. User will have to accept an EULA as part of installation of extension license.

#### GRACE PERIOD LICENSE:

Grace period licenses are node locked metered licenses. These licenses are issued by Cisco's licensing portal as part of the permission ticket to rehost a license. These licenses are installed on the device as part of the rehost operation. User will have to accept an EULA as part of the rehost operation for this type of license. Details on permission ticket, rehost operations are provided further down in this description clause.

#### PERMANENT LICENSE:

Permanent licenses are node locked licenses that have no usage period associated with them. These licenses are issued by Cisco's licensing portal. These licenses need to be installed using management interfaces on the device. Once these licenses are installed, they will provide needed permission for the feature/image across different versions.

#### COUNTED LICENSE:

Counted licenses limit the number of similar entities that can use the license. For example, a counted license when used by a feature can limit the number of IP phones that can connect or the number of tunnels that can be created.

#### UNCOUNTED LICENSE:

Uncounted licenses do not limit the number of similar entities that can use the licenses.

License can be enforced at the image level or at the feature level and this MIB module supports both.

#### IMAGE LEVEL LICENSING:

A universal image that contains all levels of software packages is loaded on to the device. At boot time, the device determines the highest level of license

and brings up the appropriate software features or subsystems.

#### FEATURE LEVEL LICENSING:

Feature level licensing will support enforcement of license at individual feature. Features have to check for their licenses before enabling themselves. If it does not have a license, the feature should disable itself.

There is a one-to-one relationship between a feature and a license. That is, a feature can use only one license at a time and a license can be used by only one feature at a time.

#### LICENSE LINE:

A License line is an atomic set of ASCII characters arranged in a particular format that holds the license for a single feature within it. A line has all the necessary fields and attributes that make it a valid, non-tamper able and complete license.

#### LICENSE FILE:

File generated by Cisco licensing portal. It is used to install license on product. It has a user readable part and it contains one or more license lines.

#### DEVICE CREDENTIALS:

Device credentials file is a document that is generated by a licensed device. This document establishes the identity of the device and proves that the sender/user has/had authorized access to the device.

#### REHOST:

Rehost operation allows a node locked license that is installed on a device to be installed on other similar device. As part of rehost operation, a device processes the permission ticket, revokes the license(s) on the device and generates a rehost ticket as the proof of revocation. This rehost ticket needs to be presented to the Cisco's licensing portal to get the license transferred on to a new similar device.

#### PERMISSION TICKET:

Permission ticket is a document generated by Cisco licensing portal that allows a device to rehost its licenses.

#### REHOST TICKET:

Rehost ticket is document generated by a device after it has applied a permission ticket. The rehost ticket is a proof of revocation.

#### LICENSING PORTAL:

Generates licenses, permission tickets and verifies device credentials and rehost tickets.

This MIB module provides MIB objects to install, clear, revoke licenses. It also provides objects to regenerate last rehost ticket, backup all the licenses installed on a device, generate & export EULA for licenses.

#### STEPS TO INSTALL A LICENSE:

To install a license, the management application

1. Retrieves device credentials of the device.
2. Communicates with Cisco's licensing portal to get the license file, uses device credentials to identify the device
3. Executes the license install action.

#### STEPS TO CLEAR A LICENSE:

To clear a license, the management application

1. Identifies the license to be cleared using license index.
2. Executes the license clear action.

#### STEPS TO REHOST A LICENSE:

To rehost a license, the management application

1. Retrieves device credentials of the device.
2. Communicates with Cisco's licensing portal to get the permission ticket, uses device credentials to identify the device.
3. Executes the processPermissionTicket action. Device revokes the license and generates rehost ticket to be submitted as proof of revocation.
4. Retrieves device credentials of the device where the license needs to be transferred to.
5. Submits rehost ticket as proof of revocation to Cisco's licensing portal, uses device credentials of the new device to identify the device, gets license file.
6. Executes the license install action on the new device.

#### STEPS TO REGENERATE LAST REHOST TICKET:

To regenerate last rehost ticket, the management

application

1. Retrieves device credentials of the device.
2. Uses already obtained permission ticket or communicates with Cisco's licensing portal to get the permission ticket, uses device credentials to identify the device.
3. Executes the regenerateLastRehostTicket action. Device generates rehost ticket to be submitted as proof of revocation.

#### STEPS TO BACKUP ALL LICENSES:

To backup all licenses installed in the device, the management application

1. Specifies the backup file path.
2. Executes the license backup action.

#### STEPS TO GENERATE & EXPORT EULA:

To install certain kind of licenses, the management application must accept EULA first. The management application can generate and export EULA for one or more licenses with out installing licenses as follows.

1. Specifies the license file path that has licenses to be installed
2. Specifies the EULA file path where EULA need to be exported to
3. Executes the generate EULA action.

To support the various license actions, this MIB module also defines MIB objects to know if a device supports licensing, retrieve device credentials, retrieve information on license stores in the device.

It also defines MIB objects to expose management information associated with the licenses installed on the device, with the licensable features in the software image.

This MIB module also defines various notifications that will be triggered to asynchronously notify the management application of any critical events.

This MIB module is defined generically so it can be implemented on stand alone devices or stack of devices. In stack of devices, one device in the stack acts as master agent and rest are slave agents. Each device in the stack has its own UDI. The master agent receives requests on behalf of all the devices in the stack including itself and delegates it to other devices as needed. It also collects responses from other devices and sends them to

the management application. Examples of such devices include stackable switches, devices with route processor and line cards. On the other hand, stand alone device is a single device and has only one UDI associated with it.

entPhysicalIndex imported from ENTITY-MIB is used to identify the device uniquely. It is specified as the index or one of the index for tables in this MIB as needed.";

```
revision 2012-04-19 {
description
"This version of the MIB adds support for Permanent Right to use (RTU)
licensing. The revisions are:
o Updated clmgmtLicenseType object to support the following new
types of license:
permanentRightToUse

The new module compliance is ciscoLicenseMgmtComplianceRev1.";
}
```

```
revision 2011-04-19 {
description
"This version of the MIB adds support for Right to use (RTU)
licensing. The revisions are:
o Added RTU license definition to MIB description above.
o Updated clmgmtLicenseType object to support the following new
types of license:
evalRightToUse
rightToUse
o Added following objects to clmgmtLicenseInfoTable
clmgmtLicensePeriodUsed
o Added following objects to clmgmtLicensableFeatureTable
clmgmtFeaturePeriodUsed
o Added the following notifications
clmgmtLicenseEvalRTUTransitionWarning
clmgmtLicenseEvalRTUTransition
o Added the following conformance groups
clmgmtLicenseRTUGroup
clmgmtLicenseRTUUsageNotifGroup

The new module compliance is ciscoLicenseMgmtComplianceRev1.";
}
```

```
revision 2008-11-21 {
description
"This version of the MIB adds support for subscription
licensing. Subscription licenses provide software
enforcement for a licensed feature for a fixed calendar
```



period. The revisions are:

- o Updated clmgmtLicenseType object to support the following three new types of licenses:
  - paidSubscription
  - evaluationSubscription
  - extensionSubscription
- o Added following objects to clmgmtLicenseInfoTable
  - clmgmtLicenseStartDate
  - clmgmtLicenseEndDate
- o Added following objects to clmgmtLicensableFeatureTable
  - clmgmtFeatureStartDate
  - clmgmtFeatureEndDate
- o Added the following notifications
  - clmgmtLicenseSubscriptionExpiryWarning
  - clmgmtLicenseSubscriptionExtExpiryWarning
  - clmgmtLicenseSubscriptionExpired
- o Added the following conformance groups
  - clmgmtLicenseSubscriptionGroup
  - clmgmtLicenseSubscriptionUsageNotifGroup

The new module compliance is ciscoLicenseMgmtComplianceRev1.";

```

}

revision 2006-10-03 {
  description
  "Initial version of this MIB module.";
}

```

```

typedef ClmgmtLicenseIndex {
  type uint32 {
    range "1..4294967295";
  }
  description
  "A unique value, for each license in the managed system.
  It is not necessary to have values assigned contiguously.
  The value for each license must remain constant
  at least from one re-initialization of the entity's
  network management system to the next re-initialization";
}

```

```

typedef ClmgmtLicenseIndexOrZero {
  type uint32;
  description
  "This textual convention is an extension of the ClmgmtLicenseIndex
  convention. The latter defines a greater than zero value
  used to identify a license in the managed system. This
  extension permits the additional value of zero. The value
  zero is object-specific and must therefore be defined as
  part of the description of any object which uses this

```

```

syntax. Examples of the usage of zero might include
situations where license was not present or unknown.";
}

typedef ClmgmtLicenseTransferProtocol {
    type enumeration {
        enum "none" {
            value "1";
        }
        enum "local" {
            value "2";
        }
        enum "tftp" {
            value "3";
        }
        enum "ftp" {
            value "4";
        }
        enum "rcp" {
            value "5";
        }
        enum "http" {
            value "6";
        }
        enum "scp" {
            value "7";
        }
        enum "sftp" {
            value "8";
        }
    }
    description
    "The transfer protocol that should be used for copying files
    when performing license management. When the protocol is
    set to local(2), local file system (flash or disk) is used.
    Different agents may support different transfer protocols
    and the management application is expected to some how determine
    which protocol is supported and use.";
}

typedef ClmgmtLicenseActionState {
    type enumeration {
        enum "none" {
            value "1";
        }
        enum "pending" {
            value "2";
        }
    }
}

```

```

enum "InProgress" {
    value "3";
}
enum "successful" {
    value "4";
}
enum "partiallySuccessful" {
    value "5";
}
enum "failed" {
    value "6";
}
}
description
"The state of license action execution.

```

none(1) - action is not yet scheduled to be executed.

pending(2) - All the required parameters for the action are set and the action is scheduled to be executed.

InProgress(3) - action execution has started and is in progress.

successful(4) - action has completed successfully.

partiallySuccessful(5) - action has completed, but was partially successful. Management application can query additional MIB objects to know what is successful and what has failed. These additional objects are listed in the description of the corresponding action tables.

```

failed(6) - action has failed.";
}

```

```

typedef ClmgmtLicenseActionFailCause {
    type enumeration {
        enum "none" {
            value "1";
        }
        enum "generalFailure" {
            value "2";
        }
    }
}

```

```
enum "transferProtocolNotSupported" {
  value "3";
}
enum "fileServerNotReachable" {
  value "4";
}
enum "unrecognizedEntPhysicalIndex" {
  value "5";
}
enum "invalidLicenseFilePath" {
  value "6";
}
enum "invalidLicenseFile" {
  value "7";
}
enum "invalidLicenseLine" {
  value "8";
}
enum "licenseAlreadyExists" {
  value "9";
}
enum "licenseNotValidForDevice" {
  value "10";
}
enum "invalidLicenseCount" {
  value "11";
}
enum "invalidLicensePeriod" {
  value "12";
}
enum "licenseInUse" {
  value "13";
}
enum "invalidLicenseStore" {
  value "14";
}
enum "licenseStorageFull" {
  value "15";
}
enum "invalidPermissionTicketFile" {
  value "16";
}
enum "invalidPermissionTicket" {
  value "17";
}
enum "invalidRehostTicketFile" {
  value "18";
}
```

```

enum "invalidRehostTicket" {
  value "19";
}
enum "invalidLicenseBackupFile" {
  value "20";
}
enum "licenseClearInProgress" {
  value "21";
}
enum "invalidLicenseEULAFile" {
  value "22";
}
}

```

description

"Reason for license action failure. Defines error codes for all the license actions.

- none(1) - action execution has not started yet. If the action is completed and the action is successful, then also none(1) is returned to indicate that there are no errors.
- generalFailure(2) - General licensing failure. This will be used for resource unavailability failures. Ex: Lack of memory.
- transferProtocolNotSupported(3) - protocol selected is not supported.
- fileServerNotReachable(4) - file server is not reachable.
- unrecognizedEntPhysicalIndex(5) - entPhysicalIndex is not valid
- invalidLicenseFilePath(6) - The license file path is not accessible.
- invalidLicenseFile(7) - Contents of license file are not valid.
- invalidLicenseLine(8) - License string in the license file is not valid.
- licenseAlreadyExists(9) - Management application is trying to install a license that already exists.
- licenseNotValidForDevice(10) - This license is not valid for the device/entPhysicalIndex specified.
- invalidLicenseCount(11) - Invalid count for this counted license.
- invalidLicensePeriod(12) - Validity period is invalid for

this expiring license.  
 licenseInUse(13) - License file is in use by a  
 feature/image.  
 invalidLicenseStore(14) - License store is not valid.  
 licenseStorageFull(15) - There is no more space in the  
 license storage.  
 invalidPermissionTicketFile(16) - The permission ticket file  
 path is not accessible.  
 invalidPermissionTicket(17) - The permission ticket file  
 contents are not valid.  
 invalidRehostTicketFile(18) - The rehost ticket file path is  
 not accessible.  
 invalidRehostTicket(19) - The rehost ticket file contents  
 are not valid.  
 invalidLicenseBackupFile(20) - License backup store path  
 is not accessible.  
 licenseClearInProgress(21) - When license clear action is  
 in progress, license backup  
 action is not permitted to  
 avoid race conditions. This  
 error code is sent back in  
 response to a license backup  
 action when a license clear  
 action is in progress or in  
 pending state. Try again in few  
 seconds.  
 invalidLicenseEULAFile(22) - EULA file path is not accessible.";  
 }

container CISCO-LICENSE-MGMT-MIB {  
 config false;

container clmgmtLicenseConfiguration {  
 smiv2:oid "1.3.6.1.4.1.9.9.543.1.1";

leaf clmgmtNextFreeLicenseActionIndex {  
 type uint32 {  
 range "1..4294967295";  
 }

description

"This object contains appropriate value for  
 clmgmtLicenseActionIndex that can be used to create  
 an entry in clmgmtLicenseActionTable. The management application  
 should read this object first and then use this as the  
 value for clmgmtLicenseActionIndex to avoid collisions  
 when creating entries in clmgmtLicenseActionTable.  
 Following this approach does not guarantee collision free

row creation, but will reduce the probability. The collision will happen if two management applications read this object at the same time and attempt to create an entry with this value at the same time. In this case, the management application whose request is processed after the first request will get an error and the process of reading this object and entry creation needs to be repeated.";

```
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.1";
}
}
```

```
container clmgmtLicenseDeviceInformation {
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3";
```

```
  leaf clmgmtNextFreeDevCredExportActionIndex {
    type uint32;
    description
      "This object contains appropriate value for
      clmgmtDevCredExportActionIndex that can be used to create
      an entry in clmgmtDevCredExportActionTable. The management
      application should read this object first and then use this
      as the value for clmgmtDevCredExportActionIndex to avoid
      collisions when creating entries in
      clmgmtDevCredExportActionTable. Following this approach does
      not guarantee collision free row creation, but will reduce
      the probability. The collision will happen if two
      management applications read this object at the same time and
      attempt to create an entry with this value at the same time.
      In this case, the management application whose request is
      processed after the first request will get an error and the
      process of reading this object and entry creation needs to be
      repeated.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.1";
  }
}
```

```
container clmgmtLicenseNotifObjects {
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.4";
```

```
  leaf clmgmtLicenseUsageNotifEnable {
    type boolean;
    description
      "This object indicates whether the device should generate
      the notifications related to usage of licenses. This object
      enables/disables sending following notifications:
        clmgmtLicenseExpired
```

```

    clmgmtLicenseExpiryWarning
    clmgmtLicenseUsageCountExceeded
    clmgmtLicenseUsageCountAboutToExceed
    clmgmtLicenseSubscriptionExpiryWarning
    clmgmtLicenseSubscriptionExtExpiryWarning
    clmgmtLicenseSubscriptionExpired
    clmgmtLicenseEvalRTUTransitionWarning
    clmgmtLicenseEvalRTUTransition";
smiv2:defval "true";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.4.1";
}

```

```

leaf clmgmtLicenseDeploymentNotifEnable {
  type boolean;
  description
    "This object indicates whether the device should generate
    notifications related to license deployment. This object
    enables/disables sending following notifications:
      clmgmtLicenseInstalled
      clmgmtLicenseCleared
      clmgmtLicenseRevoked
      clmgmtLicenseEULAAccepted";
smiv2:defval "true";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.4.2";
}

```

```

leaf clmgmtLicenseErrorNotifEnable {
  type boolean;
  description
    "This object indicates whether the device should generate
    notifications related to error conditions in enforcing
    licensing. This object enables/disables sending following
    notifications:
      clmgmtLicenseNotEnforced";
smiv2:defval "true";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.4.3";
}
}

```

```

container clmgmtLicenseActionTable {
  description
    "A table for invoking license management actions. Management
    application must create a row in this table to trigger any of
    the license management actions. The following are different
    actions that can be executed using this table.

```



1. install
2. clear
3. processPermissionTicket
4. regenerateLastRehostTicket
5. backup
6. generateEULA

Refer to the description of `clmgmtLicenseAction` for more information on what these actions do on the device.

Once the request completes, the management application should retrieve the values of the objects of interest, and then delete the entry. In order to prevent old entries from clogging the table, entries will be aged out, but an entry will never be deleted within 5 minutes of completion.";

smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2";

```
list clmgmtLicenseActionEntry {
  key "clmgmtLicenseActionIndex";
  description
    "An entry for each action that is being executed or was
    executed recently. The management application executes an
    action
    by creating this entry. This can be done in the following
    2 methods
```

#### 1. CREATE-AND-GO method

Management application sets `clmgmtLicenseActionRowStatus` to `createAndGo(4)` and all other required objects to valid values in a single SNMP SET request. If all the values are valid, the device creates the entry and executes the action. If the SET request fails, the entry will not be created.

#### 2. CREATE-AND-WAIT method

Management application sets `clmgmtLicenseActionRowStatus` to `createAndWait(5)` to create an entry. Management application can set all other required objects to valid values in more than one SNMP SET request. If SET request for any of the objects fails, management application can set just only that object. Once all the required objects are set to valid values, management application triggers action execution by setting `clmgmtLicenseActionRowStatus` to `active(1)`.

To stop the action from being executed, the management application can delete the entry by setting `clmgmtLicenseActionRowStatus`

to destroy(6) when clmgmtLicenseActionState is pending(2).

The status of action execution can be known by querying clmgmtLicenseActionState. If the action is still in pending(2) or in inProgress(3) state, the management application need to check back again after few seconds. Once the action completes and status of the action is failed(6), the reason for failure can be retrieved from clmgmtLicenseActionFailCause. If the status of the action is partiallySuccessful(5), results of individual licenses can be queried from clmgmtLicenseActionResultTable.

Not all objects in the entry are needed to execute every action. Below is the list of actions and the required objects that are needed to be set for executing that action.

#### 1. Installing a license

The following MIB objects need to be set for installing a license

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicenseFile
- g. clmgmtLicenseStore
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAcceptEULA
- j. clmgmtLicenseAction

clmgmtLicenseActionEntPhysicalIndex need not be set explicitly for license installs. License itself identifies the device where the license needs to be installed.

clmgmtLicenseStore need to be set to store the licenses in a non-default license store. But, if a license file has more than one license and licenses need to be installed on multiple devices (for example to multiple members with in a stack), then value of clmgmtLicenseStore is ignored and the licenses will be installed in default license stores of the respective devices.

#### 2. Clearing a license

The following MIB objects need to be set for clearing a license

- a. clmgmtLicenseActionEntPhysicalIndex
- b. clmgmtLicenseActionLicenseIndex

- c. clmgmtLicenseStore
- d. clmgmtLicenseAction

### 3. Revoking a license

The following MIB objects need to be set for revoking a license

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicensePermissionTicketFile
- g. clmgmtLicenseRehostTicketFile
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAction

### 4. Regenerate last rehost ticket

The following MIB objects need to be set for regenerating last rehost ticket

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicensePermissionTicketFile
- g. clmgmtLicenseRehostTicketFile
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAction

### 5. Save all licenses to a backup storage

The following MIB objects need to be set for storing all licenses to a backup store

- a. clmgmtLicenseActionEntPhysicalIndex
- b. clmgmtLicenseActionTransferProtocol
- c. clmgmtLicenseServerAddressType
- d. clmgmtLicenseServerAddress
- e. clmgmtLicenseServerUsername
- f. clmgmtLicenseServerPassword
- g. clmgmtLicenseBackupFile
- h. clmgmtLicenseAction

### 6. Generate and export EULA if the licenses need EULA to be accepted for installing.

The following MIB objects need to be set exporting required EULAs

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType

- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicenseFile
- g. clmgmtLicenseEULAFile
- h. clmgmtLicenseAction

For any action, if clmgmtLicenseActionTransferProtocol is set to local(2), the following objects need not be set.

- a. clmgmtLicenseServerAddressType
- b. clmgmtLicenseServerAddress
- c. clmgmtLicenseServerUsername
- d. clmgmtLicenseServerPassword

Entry can be deleted except when clmgmtLicenseAction is set to pending(2). All entries are volatile and are cleared on agent reset.";

smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1";

```
leaf clmgmtLicenseActionIndex {
  type uint32 {
    range "1..4294967295";
  }
  description
  "This object uniquely identifies a row in
  clmgmtLicenseActionTable. The management application should choose
  this value by reading clmgmtNextFreeLicenseActionIndex
  while creating an entry in this table. If an entry already
  exists with this index, the creation of the entry will not
  continue and error will be returned. The management application
  should read the value of clmgmtNextFreeLicenseActionIndex
  again and retry with the new value for this object.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.1";
}
```

```
leaf clmgmtLicenseActionEntPhysicalIndex {
  type entity-mib:PhysicalIndexOrZero;
  description
  "This object represents the entPhysicalIndex of the device
  where the action is being executed. This object is mainly
  used in devices where one device is acting as a master and
  rest of the devices as slaves. The master device is
  responsible for SNMP communication with the management
  application. Examples include stackable switches, devices
  with route processor and line card configuration. If this
  object is not set, the license action will be executed on
  the master device. Note: This object need not be set if
```

```
    there is a stand alone device";
    smiv2:defval "0";
    smiv2:max-access "read-write";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.2";
}
```

```
leaf clmgmtLicenseActionTransferProtocol {
    type cisco-license-mgmt-mib:ClmgmtLicenseTransferProtocol;
    description
        "This object represents the transfer protocol to be used
        when copying files as specified in the following objects.
        1. clmgmtLicenseFile
        2. clmgmtLicensePermissionTicketFile
        3. clmgmtLicenseRehostTicketFile
        4. clmgmtLicenseBackupFile

        Note: This object need not be set if the all the files
        required for the action are in device's local file system.";
    smiv2:defval "none";
    smiv2:max-access "read-write";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.3";
}
```

```
leaf clmgmtLicenseServerAddressType {
    type inet-address:InetAddressType;
    description
        "This object indicates the transport type of the
        address contained in clmgmtLicenseServerAddress object.
        This must be set when clmgmtLicenseActionTransferProtocol
        is not none(1) or local(2).";
    smiv2:defval "unknown";
    smiv2:max-access "read-write";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.4";
}
```

```
leaf clmgmtLicenseServerAddress {
    type inet-address:InetAddress;
    description
        "This object indicates the ip address of the server from
        which the files must be read or written to if
        clmgmtLicenseActionTransferProtocol is not none(1) or
        local(2).
```

All bits as 0s or 1s for clmgmtLicenseServerAddress are not allowed.

The format of this address depends on the value of the clmgmtLicenseServerAddressType object";

```
smiv2:defval "";  
smiv2:max-access "read-write";  
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.5";  
}
```

```
leaf clmgmtLicenseServerUsername {  
  type snmp-framework:SnmpAdminString {  
    length "0..96";  
  }  
  description  
  "This object indicates the remote user name for accessing  
  files via ftp, rcp, sftp or scp protocols. This object must  
  be set when the clmgmtLicenseActionTransferProtocol is  
  ftp(4), rcp(5), scp(7) or sftp(8). If  
  clmgmtLicenseActionTransferProtocol is rcp(5), the remote  
  username is sent as the server username in an rcp command  
  request sent by the system to a remote rcp server.";  
  smiv2:defval "";  
  smiv2:max-access "read-write";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.6";  
}
```

```
leaf clmgmtLicenseServerPassword {  
  type snmp-framework:SnmpAdminString {  
    length "0..96";  
  }  
  description  
  "This object indicates the password used by ftp, sftp or  
  scp for copying a file to/from an ftp/sftp/scp server.  
  This object must be set when the  
  clmgmtLicenseActionTransferProtocol is ftp(4) or scp(7)  
  or sftp(8). Reading it returns a zero-length string for  
  security reasons.";  
  smiv2:defval "";  
  smiv2:max-access "read-write";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.7";  
}
```

```
leaf clmgmtLicenseFile {  
  type snmp-framework:SnmpAdminString {  
    length "0..255";  
  }  
  description  
  "This object represents the location of the license file  
  on the server identified by clmgmtLicenseServerAddress. This  
  object MUST be set to a valid value before or concurrently  
  with setting the value of the clmgmtLicenseAction object to  
  install(2). For other operations, the value of this
```

```

    object is not considered, it is irrelevant.";
smiv2:defval "";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.8";
}

leaf clmgmtLicenseStore {
  type uint32;
  description
    "This object represents the clmgmtLicenseStoreIndex of the
    license store to use within the device. The license store
    can be a local disk or flash. A device can have more than
    one license stores. If this object is not set, the license
    will be stored in the default license store as exposed by
    clmgmtDefaultLicenseStore object.";
  smiv2:defval "0";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.9";
}

leaf clmgmtLicenseActionLicenseIndex {
  type cisco-license-mgmt-mib:ClmgmtLicenseIndexOrZero;
  description
    "This object indicates the the license index of the license
    that is the subject of this action. This is used for
    identifying a license for performing actions specific to
    that license. This object need to be set only if
    clmgmtLicenseAction is set to clear(4). The value of this
    object is same as the clmgmtLicenseIndex object in
    clmgmtLicenseInfoEntry for license that is subject of this
    action.";
  smiv2:defval "0";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.10";
}

leaf clmgmtLicensePermissionTicketFile {
  type snmp-framework:SnmpAdminString {
    length "0..255";
  }
  description
    "This object indicates the file name of the permission
    ticket. This object need to be set only if
    clmgmtLicenseAction is set to processPermissionTicket(4)
    or regenerateLastRehostTicket(5) actions. The permission
    ticket is obtained from Cisco licensing portal to revoke
    a license. The management application must set this object
    to valid value before invoking the action.";
}

```

```
smiv2:defval "";  
smiv2:max-access "read-write";  
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.11";  
}
```

```
leaf clmgmtLicenseRehostTicketFile {  
  type snmp-framework:SnmpAdminString {  
    length "0..255";  
  }  
  description  
  "This object indicates the file where the rehost ticket  
  generated by the device need to be exported to. The rehost  
  ticket is generated as a result of processPermissionTicket  
  and regenerateLastRehostTicket actions. After generating  
  the rehost ticket, the device exports the rehost ticket  
  contents to this file. This object need to be set only  
  if clmgmtLicenseAction is set to processPermissionTicket(4)  
  or regenerateLastRehostTicket(5) actions.";  
  smiv2:defval "";  
  smiv2:max-access "read-write";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.12";  
}
```

```
leaf clmgmtLicenseBackupFile {  
  type snmp-framework:SnmpAdminString {  
    length "0..255";  
  }  
  description  
  "This object indicates the file where all the licenses in  
  the device need to be backed up. This object need to be set  
  only if clmgmtLicenseAction is set to backup(6) and the  
  management application must set the value of this object  
  to valid value before invoking action.";  
  smiv2:defval "";  
  smiv2:max-access "read-write";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.13";  
}
```

```
leaf clmgmtLicenseStopOnFailure {  
  type boolean;  
  description  
  "This object indicates whether the license action should  
  stop if the action on a license fails. This object is  
  applicable only if there are more than one licenses  
  involved in an action.";  
  smiv2:defval "false";  
  smiv2:max-access "read-write";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.14";
```



```

}

leaf clmgmtLicenseAction {
  type enumeration {
    enum "noOp" {
      value "1";
    }
    enum "install" {
      value "2";
    }
    enum "clear" {
      value "3";
    }
    enum "processPermissionTicket" {
      value "4";
    }
    enum "regenerateLastRehostTicket" {
      value "5";
    }
    enum "backup" {
      value "6";
    }
    enum "generateEULA" {
      value "7";
    }
  }
  description
  "This object indicates the the command/action to be executed.

```

| Command                       | Remarks   |
|-------------------------------|---|
| noOp(1)                       | No operation will be performed.   |
| install(2)                    | Installs the license.   |
| clear(3)                      | Clears the license.   |
| processPermissionTicket(4)    | Processes thee permission ticket and generates and exports rehost ticket. |
| regenerateLastRehostTicket(5) | Generates and exports the last generated rehost ticket.                   |
| backup(6)                     | Backs up all the licenses installed currently onto a                      |

backup store.

```
generateEULA(7)      Checks whether the licenses
                    in the license file need EULA
                    acceptance and uploads the
                    needed EULA contents to a file.";
smiv2:defval "noOp";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.15";
}

leaf clmgmtLicenseActionState {
type cisco-license-mgmt-mib:ClmgmtLicenseActionState;
description
  "This object indicates the state of this license action.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.16";
}

leaf clmgmtLicenseJobQPosition {
type uint32;
description
  "This object represents the position of the action
  in the license action job queue that is maintained
  internally. Only actions in pending(2) state will
  be put in the queue until they are executed. By
  reading this object, the management application can make
  intelligent decision on whether to execute another
  action that it is planning on. For example, if there
  is already a license clear action in the queue in
  pending(2) state, management application can choose to
  defer its license back up action to a later time. This
  object will return a value of 0 if the action is not in
  pending(2) state.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.17";
}

leaf clmgmtLicenseActionFailCause {
type cisco-license-mgmt-mib:ClmgmtLicenseActionFailCause;
description
  "This object indicates the reason for this license action
  failure. The value of this object is valid only when
  clmgmtLicenseActionState is failed(6).";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.18";
}
```

```

leaf clmgmtLicenseActionStorageType {
  type snmpv2-tc:StorageType;
  description
    "This object indicates the storage type for this conceptual
    row. Conceptual rows having the value 'permanent' need not
    allow write-access to any columnar objects in the row.";
  smiv2:defval "volatile";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.19";
}

```

```

leaf clmgmtLicenseActionRowStatus {
  type snmpv2-tc:RowStatus;
  description
    "This object indicates the the status of this table entry.
    Once the entry status is set to active(1), the associated
    entry cannot be modified until the action completes
    (clmgmtLicenseConfigCommandStatus is set to a value
    other than inProgress(3)). Once the action completes
    the only operation possible after this is to delete
    the row. It is recommended that the management application
    should delete entries in this table after reading
    the result. In order to prevent old entries from
    clogging the table, entries will be aged out, but an
    entry will never be deleted within 5 minutes of
    completion";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.20";
}

```

```

leaf clmgmtLicenseAcceptEULA {
  type boolean;
  description
    "This object indicates whether the End User License Agreement
    needed for installing the licenses is accepted.

    true(1) - EULA is read and accepted
    false(2) - EULA is not accepted

    Management application should set this object to true(1) when
    installing licenses that need EULA acceptance.";
  smiv2:defval "false";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.21";
}

```

```

leaf clmgmtLicenseEULAFile {
  type snmp-framework:SnmpAdminString {

```

```

    length "0..255";
  }
  description
    "This object indicates the file where all the End User License
    Agreements (EULAs) need to be exported to. This object need to
    be set only if clmgmtLicenseAction is set to generateEULA(7) and
    the management application must set the value of this object to
    valid value before invoking action.";
  smiv2:defval "";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.2.1.22";
}
}
}

```

```

container clmgmtLicenseActionResultTable {
  description
    "This table contains results of license action if the
    license action involves multiple licenses. Entries in this
    table are not created for actions where there is
    only license that is subject of the action. For
    example, if there are 3 licenses in a license file
    when executing license install action, 3 entries will
    be created in this table, one for each license.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3";
}

```

```

list clmgmtLicenseActionResultEntry {
  key "clmgmtLicenseActionIndex clmgmtLicenseNumber";
  description
    "An entry in clmgmtLicenseActionResultTable. Each entry
    contains result of the action for a single license.
    These entries are created immediately after action
    execution when the action involves multiple licenses.
    These entries get automatically deleted when the
    corresponding entry in clmgmtLicenseActionTable
    is deleted.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3.1";
}

```

```

leaf clmgmtLicenseActionIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseActionTable/cisco-license-mgmt-mib:clmgmtLicenseActionEntry/cisco-license-mgmt-
mib:clmgmtLicenseActionIndex";
  }
}

```

```

leaf clmgmtLicenseNumber {
  type uint32 {

```

```

    range "1..4294967295";
  }
  description
    "This object indicates the sequence number of this license
    in the list of licenses on which the action is executed.
    For example, if there are 3 licenses in a license file
    when executing license install action, this object will
    have values 1, 2 and 3 respectively as ordered in the
    license file.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3.1.1";
}

leaf clmgmtLicenseIndivActionState {
  type cisco-license-mgmt-mib:ClmgmtLicenseActionState;
  description
    "This object indicates the state of action on this
    individual license.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3.1.2";
}

leaf clmgmtLicenseIndivActionFailCause {
  type cisco-license-mgmt-mib:ClmgmtLicenseActionFailCause;
  description
    "This object indicates the reason for action failure on this
    individual license";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1.3.1.3";
}
}
}

container clmgmtLicenseStoreInfoTable {
  description
    "This table contains information about all the license
    stores allocated on the device.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1";

  list clmgmtLicenseStoreInfoEntry {
    key "entPhysicalIndex clmgmtLicenseStoreIndex";
    description
      "An entry in clmgmtLicenseStoreInfoTable. Each entry
      contains information about a license store allocated
      on the device";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1";

    leaf entPhysicalIndex {

```

```
type leafref {
  path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
}
}
```

```
leaf clmgmtLicenseStoreIndex {
  type uint32 {
    range "1..4294967295";
  }
  description
  "This object uniquely identifies a license store within
the device.";
  smiv2:max-access "not-accessible";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1.1";
}
```

```
leaf clmgmtLicenseStoreName {
  type snmp-framework:SnmpAdminString {
    length "0..255";
  }
  description
  "This object indicates the name of the license store
within the device. It is a file in device's local file
system i.e., either on a local disk or flash or some
other storage media. For example, the value of this
object can be 'disk1:lic_store_1.txt' or
'flash:lic_store_2.txt';
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1.2";
}
```

```
leaf clmgmtLicenseStoreTotalSize {
  type uint32;
  units "bytes";
  description
  "This object indicates the total number of bytes that are
allocated to the license store.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1.3";
}
```

```
leaf clmgmtLicenseStoreSizeRemaining {
  type uint32;
  units "bytes";
  description
  "This object indicates the number of bytes still remaining
to be used for new license installations in the license
```

```

    store.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.1.1.4";
  }
}
}

```

```

container clmgmtLicenseDeviceInfoTable {
  description
  "This table contains objects that provide licensing related
  information at the device level. Entries will exist
  only for entities that support licensing. For example,
  if it is a stand alone device and supports licensing,
  then there will be only one entry in this table. If
  it is stackable switch then there will be multiple
  entries with one entry for each device in the stack.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.2";

```

```

list clmgmtLicenseDeviceInfoEntry {
  key "entPhysicalIndex";
  description
  "An entry in clmgmtLicenseDeviceInfoTable. Each entry
  contains device level licensing information for a device.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.2.1";

```

```

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
}

```

```

  leaf clmgmtDefaultLicenseStore {
    type uint32 {
      range "1..4294967295";
    }
    description
    "This object indicates the clmgmtLicenseStoreIndex of
    default store in the device. There will be only one
    default license store per device. If no license store
    is specified during license install, this default license
    store will be used.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.2.1.1";
  }
}
}
}

```

```

container clmgmtLicenseInfoTable {
  description
  "This table contains information about all the licenses
  installed on the device.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3";

  list clmgmtLicenseInfoEntry {
    key "entPhysicalIndex clmgmtLicenseStoreUsed clmgmtLicenseIndex";
    description
    "An entry in clmgmtLicenseInfoTable. Each entry contains
    information about a license installed on the device. This
    entry gets created when a license is installed successfully.
    Management application can not create these entries directly, but
    will do so indirectly by executing license install action.
    Some of these entries may already exist that correspond to
    demo licenses even before management application installs any
    licenses.";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1";

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtLicenseStoreUsed {
      type uint32 {
        range "1..4294967295";
      }
      description
      "This object represents the license store that is used for
      storing this license. This object will have the same value
      as clmgmtLicenseStoreIndex in clmgmtLicenseStoreInfoEntry
      of the license store used.";
      smiv2:max-access "not-accessible";
      smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.1";
    }

    leaf clmgmtLicenseIndex {
      type cisco-license-mgmt-mib:ClmgmtLicenseIndex;
      description
      "This object uniquely identifies a license within
      the device.";
      smiv2:max-access "not-accessible";
      smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.2";
    }
  }
}

```



```
leaf clmgmtLicenseFeatureName {
  type snmp-framework:SnmpAdminString {
    length "0..128";
  }
  description
  "This object indicates the name of the feature that is
  using or can use this license. A license can be used by
  only one feature. Examples of feature name are: 'IPBASE',
  'ADVIPSERVICE'.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.3";
}
```

```
leaf clmgmtLicenseFeatureVersion {
  type snmp-framework:SnmpAdminString {
    length "0..128";
  }
  description
  "This object indicates the version of the feature that is
  using or can use this license. Examples of feature version
  are: '1.0', '2.0'";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.4";
}
```

```
leaf clmgmtLicenseType {
  type enumeration {
    enum "demo" {
      value "1";
    }
    enum "extension" {
      value "2";
    }
    enum "gracePeriod" {
      value "3";
    }
    enum "permanent" {
      value "4";
    }
    enum "paidSubscription" {
      value "5";
    }
    enum "evaluationSubscription" {
      value "6";
    }
    enum "extensionSubscription" {
      value "7";
    }
  }
}
```

```

enum "evalRightToUse" {
  value "8";
}
enum "rightToUse" {
  value "9";
}
enum "permanentRightToUse" {
  value "10";
}
}

```

description

"This object identifies type of license. Licenses may have validity period defined in terms of time duration that the license is valid for or it may be defined in terms of actual calendar dates. Subscription licenses are licenses that have validity period defined in terms of calendar dates.

demo(1) - demo(evaluation license) license.

extension(2) - Extension(expiring) license.

gracePeriod(3) - Grace period license.

permanent(4) - permanent license, the license has no expiry date.

paidSubscription(5) - Paid subscription licenses are the licenses

which are purchased by customers. These licenses have a start date and end date associated with them.

evaluationSubscription(6)-Evaluation subscription licenses are the trial licenses. These licenses are node locked and it can be obtained only once for an UDI. They are valid based on calendar days. These licenses have a start date and an end date associated with them and are issued once per UDI.

extensionSubscription(7)- Extension subscription licenses are similar to evaluation subscription licenses but these licenses are issued based on customer request. There are no restrictions on the number of licenses available for a UDI.

evalRightToUse(8) - Evaluation Right to use (RTU) license.

rightToUse(9) - Right to use (RTU) license.

permanentRightToUse(10) ? Right To Use license right after it is configured and is valid for the lifetime of the product.

This is a Right To Use license which is not in evaluation mode for a limited time.";

```

smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.5";
}

leaf clmgmtLicenseCounted {
  type boolean;
  description
    "This object indicates whether the license is counted
    license.
    true(1) - counted license
    false(2) - uncounted license";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.6";
}

leaf clmgmtLicenseValidityPeriod {
  type uint32;
  units "seconds";
  description
    "This object indicates the time period the license is valid for.
    This object is applicable only if clmgmtLicenseType is demo(1),
    or extension(2) or gracePeriod(3) or evalRightToUse(8). The
    object will return 0 for other license types.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.7";
}

leaf clmgmtLicenseValidityPeriodRemaining {
  type uint32;
  units "seconds";
  description
    "This object indicates the time period remaining before the
    license expires or transitions to rightToUse(9) license. This
    object is applicable only if clmgmtLicenseType is demo(1), or
    extension(2) or gracePeriod(3) or evalRightToUse(8). The object
    will contain 0 for other license types.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.8";
}

leaf clmgmtLicenseExpiredPeriod {
  type uint32;
  units "seconds";
  description
    "This object indicates the elapsed time period since the license
    expired. This object is applicable only if clmgmtLicenseType
    is demo(1), or extension(2) or gracePeriod(3). Also, this
    value of this object will be valid only after the license

```

```

    expires. The object will return 0 for other license types
    or before the license expiry.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.9";
}

leaf clmgmtLicenseMaxUsageCount {
    type uint32;
    description
        "This object indicates the maximum number of entities that
        can use this license. This object is applicable only if
        clmgmtLicenseCounted is true(1). The entity that is being
        counted can be anything and it depends on the licensable
        feature.";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.10";
}

leaf clmgmtLicenseUsageCountRemaining {
    type uint32;
    description
        "This object indicates the number of entities that can
        still use this license. This object is applicable only
        if clmgmtLicenseCounted is true(1).";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.11";
}

leaf clmgmtLicenseEULAStatus {
    type boolean;
    description
        "This object indicates whether the user accepted
        End User License Agreement for this license.

        true(1) - EULA accpeted
        false(2) - EULA not accepted";
    smiv2:max-access "read-only";
    smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.12";
}

leaf clmgmtLicenseComments {
    type snmp-framework:SnmpAdminString {
        length "0..255";
    }
    description
        "This object represents the user modifiable comments
        about the license. This object is initially populated
        with comments from the license file.";
}

```

```

smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.13";
}

leaf clmgmtLicenseStatus {
  type enumeration {
    enum "inactive" {
      value "1";
    }
    enum "notInUse" {
      value "2";
    }
    enum "inUse" {
      value "3";
    }
    enum "expiredInUse" {
      value "4";
    }
    enum "expiredNotInUse" {
      value "5";
    }
    enum "usageCountConsumed" {
      value "6";
    }
  }
  description
  "This object represents status of the license.

  inactive(1)      - license is installed, but
                    not active.
  notInUse(2)     - license is installed and
                    available for use.
  inUse(3)        - the license is being used (by
                    a feature).
  expiredInUse(4) - license is expired but still
                    being held by the feature.
  expiredNotInUse(5) - license is expired and not being
                    held by any feature.
  usageCountConsumed(6) - number of entities using this
                    licenses has reached the allowed
                    limit, no new entities are allowed
                    to use this license.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.14";
}

```

```

leaf clmgmtLicenseStartDate {
  type snmpv2-tc:DateAndTime;
}

```

```

description
  "This object indicates the start date for a subscription
  license. It is optional for subscription licenses to have a
  start date associated with them, they may only have an end
  date associated with them. This object may be applicable only
  when clmgmtLicenseType is paidSubscription(5),
  evaluationSubscription(6) or extensionSubscription (7).
  The object will contain an octet string of length 0 when it is
  not applicable.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.15";
}

```

```

leaf clmgmtLicenseEndDate {
  type snmpv2-tc:DateAndTime;
  description
    "This object indicates the end date for a subscription license.
    This object is applicable only when clmgmtLicenseType is
    paidSubscription(5), evaluationSubscription(6) or
    extensionSubscription (7). The object will contain an octet
    string of length 0 when it is not applicable.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.16";
}

```

```

leaf clmgmtLicensePeriodUsed {
  type uint32;
  units "seconds";
  description
    "This object indicates the time period used for the
    Right to use (RTU) licenses. This object is applicable for all
    RTU licenses.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.3.1.17";
}
}
}

```

```

container clmgmtLicensableFeatureTable {
  description
    "This table contains list of licensable features in the
    image. All the licensable features will have an entry each
    in this table irrespective of whether they are using any
    licenses currently. Entries in this table are created by
    the agent one for each licensable feature in the image.
    These entries remain in the table permanently and can not
    be deleted. Management application can not create or delete
    entries from this table.";
}

```

```
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4";
```

```
list clmgmtLicensableFeatureEntry {  
  key "entPhysicalIndex clmgmtFeatureIndex";  
  description  
    "An entry in clmgmtLicensableFeatureTable. Each entry represents  
    a licensable feature.";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1";
```

```
  leaf entPhysicalIndex {  
    type leafref {  
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-  
mib:entPhysicalIndex";  
    }  
  }  
}
```

```
leaf clmgmtFeatureIndex {  
  type uint32 {  
    range "1..4294967295";  
  }  
  description  
    "This object uniquely identifies a licensable feature in  
    the device.";  
  smiv2:max-access "not-accessible";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.1";  
}
```

```
leaf clmgmtFeatureName {  
  type snmp-framework:SnmpAdminString {  
    length "0..128";  
  }  
  description  
    "This object indicates the name of the licensable feature  
    in the device. Examples of feature names are: 'IPBASE',  
    'ADVIPSERVICE';  
  smiv2:max-access "read-only";  
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.2";  
}
```

```
leaf clmgmtFeatureVersion {  
  type snmp-framework:SnmpAdminString {  
    length "0..32";  
  }  
  description  
    "This object indicates the version of the licensable  
    feature in the device. Examples of feature versions  
    are: '1.0' or '2.0';  
  smiv2:max-access "read-only";
```

```

smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.3";
}

leaf clmgmtFeatureValidityPeriodRemaining {
type uint32;
units "seconds";
description
"This object indicates the time period remaining before
the feature's license expires or transitions. This object is
applicable only if clmgmtLicenseType of the license used by
this feature is demo(1), or extension(2) or gracePeriod(3) or
evalRightToUse(8).

The object will contain 0 if other types of license is used
or if the feature does not use any license. If the
feature is using multiple licenses, this period will
represent the cumulative period remaining from all the
licenses used by this feature.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.4";
}

leaf clmgmtFeatureWhatIsCounted {
type snmp-framework:SnmpAdminString {
length "0..128";
}
description
"This object represents the entity that is being counted
by this feature. Examples of entities are IP Phones, number
of sessions etc. This object is only applicable for
features that use counting licenses. For other features,
this object will return empty string.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.5";
}

leaf clmgmtFeatureStartDate {
type snmpv2-tc:DateAndTime;
description
"This object indicates the license start date of the feature.
This object is applicable if at least one of the licenses used
for this feature has a valid start date. The start date will
be the earliest of the valid start dates of all the licenses
used for this feature. If none of the licenses used for this
feature have a valid start date then this object will contain an
octet string of length 0.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.6";
}

```



```

}

leaf clmgmtFeatureEndDate {
  type snmpv2-tc:DateAndTime;
  description
    "This object indicates the license end date of the feature.
    This object is applicable if at least one of the licenses used
    for this feature has a valid end date. The end date will
    be the latest of the valid end dates of all the licenses
    used for this feature. If none of the licenses used for this
    feature have a valid end date then this object will contain an
    octet string of length 0.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.7";
}

leaf clmgmtFeaturePeriodUsed {
  type uint32;
  units "seconds";
  description
    "This object indicates the license period used for the feature.";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2.4.1.8";
}
}
}

container clmgmtDevCredExportActionTable {
  description
    "A table for triggering device credentials export action.
    Management application must create this entry to trigger the
    export of device credentials from the device to a file.

    Once the request completes, the management application should
    retrieve the values of the objects of interest, and then
    delete the entry. In order to prevent old entries from
    clogging the table, entries will be aged out, but an entry
    will never be deleted within 5 minutes of completion.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2";

  list clmgmtDevCredExportActionEntry {
    key "clmgmtDevCredExportActionIndex";
    description
      "An entry for each device credential export action that
      is being executed or was executed recently. The management
      application triggers the export by creating an entry in this
      table. This can be done in the following 2 methods

```

## 1. CREATE-AND-GO method

Management application sets `clmgmtDevCredExportActionStatus` to `createAndGo(4)` and all other required objects to valid values in a single SNMP SET request. If all the values are valid, the device creates the entry and executes the action. If the SET request fails, the entry will not be created.

## 2. CREATE-AND-WAIT method

Management application sets `clmgmtDevCredExportActionStatus` to `createAndWait(5)` to create an entry. Management application can set all other required objects to valid values in more than one SNMP SET request. If SET request for any of the objects fails, management application can set just only that object. Once all the required objects are set to valid values, management application triggers action execution by setting `clmgmtDevCredExportActionStatus` to `active(1)`.

To stop the action from being executed, the management application can delete the entry by setting `clmgmtDevCredExportActionStatus` to `destroy(6)` when `clmgmtDevCredCommandState` is `pending(2)`.

The status of action execution can be known by querying `clmgmtDevCredCommandState`. If the action is still in `pending(2)` or `inProgress(3)`, the management application need to check back again after few seconds. Once the action completes and if status of the action is `failed(6)`, the reason for failure can be retrieved from `clmgmtDevCredCommandFailCause`.

Entry can be deleted except when `clmgmtLicenseAction` is set to `inProgress(3)`. All entries in this table are volatile and are cleared on agent reset.";

```
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1";
```

```
leaf clmgmtDevCredExportActionIndex {
```

```
  type uint32 {
```

```
    range "1..4294967295";
```

```
  }
```

```
  description
```

```
  "This object uniquely identifies a row in
```

```
  clmgmtDevCredExportActionTable. The management application chooses this value by reading
```

```
  clmgmtNextFreeDevCredExportActionIndex while creating an entry in this table. If an entry already exists with this
```

```
  index, the creation of the entry will not continue and
```

```
  error will be returned. The management application should
```

```
  read the value of clmgmtNextFreeDevCredExportActionIndex
```

```
  again and retry with the new value for this object.";
```

```

smiv2:max-access "not-accessible";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.1";
}

leaf clmgmtDevCredEntPhysicalIndex {
  type entity-mib:PhysicalIndexOrZero;
  description
    "This object represents the entPhysicalIndex of the device
    for which the device credentials are being retrieved. This
    object is mainly used in devices where one device is acting
    as a master and rest of the devices as slaves. The master
    device is responsible for SNMP communication with the
    manager. Examples include stackable switches, devices with
    router processor and line cards.

    Note: This object need not be set if it is a stand alone
    device";
  smiv2:defval "0";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.2";
}

leaf clmgmtDevCredTransferProtocol {
  type cisco-license-mgmt-mib:ClmgmtLicenseTransferProtocol;
  description
    "This object indicates the transfer protocol to be used when
    copying files as specified in the following objects.
    1. clmgmtDevCredExportFile
    .";
  smiv2:defval "none";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.3";
}

leaf clmgmtDevCredServerAddressType {
  type inet-address:InetAddressType;
  description
    "This object indicates the transport type of the
    address contained in clmgmtDevCredServerAddress object.
    This must be set when clmgmtDevCredTransferProtocol
    is not none(1) or local(2).";
  smiv2:defval "unknown";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.4";
}

leaf clmgmtDevCredServerAddress {
  type inet-address:InetAddress;

```

description

"This object indicates the the ip address of the server from which the files must be read or written to if clmgmtDevCredTransferProtocol is not none(1) or local(2).

All bits as 0s or 1s for clmgmtDevCredServerAddress are not allowed.

The format of this address depends on the value of the clmgmtDevCredServerAddressType object";

```
smiv2:default "";  
smiv2:max-access "read-write";  
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.5";  
}
```

```
leaf clmgmtDevCredServerUsername {  
  type snmp-framework:SnmpAdminString {  
    length "0..96";  
  }  
}
```

description

"This object indicates the remote user name for accessing files via ftp, rcp, sftp or scp protocols. This object must be set when the clmgmtDevCredTransferProtocol is ftp(4), rcp(5), scp(7) or sftp(8). If clmgmtDevCredTransferProtocol is rcp(5), the remote username is sent as the server username in an rcp command request sent by the system to a remote rcp server.";

```
smiv2:default "";  
smiv2:max-access "read-write";  
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.6";  
}
```

```
leaf clmgmtDevCredServerPassword {  
  type snmp-framework:SnmpAdminString {  
    length "0..96";  
  }  
}
```

description

"This object indicates the password used by ftp, sftp or scp for copying a file to/from an ftp/sftp/scp server. This object must be set when the clmgmtDevCredTransferProtocol is ftp(4) or scp(7) or sftp(8). Reading it returns a zero-length string for security reasons.";

```
smiv2:default "";  
smiv2:max-access "read-write";  
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.7";  
}
```

```

leaf clmgmtDevCredExportFile {
  type snmp-framework:SnmpAdminString {
    length "0..255";
  }
  description
  "This object represents file where device credentials needs
  to be exported to.";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.8";
}

```

```

leaf clmgmtDevCredCommand {
  type enumeration {
    enum "noOp" {
      value "1";
    }
    enum "getDeviceCredentials" {
      value "2";
    }
  }
  description
  "This object indicates the the command to be executed.

```

| Command | Remarks                         |
|---------|---------------------------------|
| -----   | -----                           |
| noOp(1) | No operation will be performed. |

```

  getDeviceCredentials(2)    Exports device credentials";
  smiv2:defval "noOp";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.9";
}

```

```

leaf clmgmtDevCredCommandState {
  type cisco-license-mgmt-mib:ClmgmtLicenseActionState;
  description
  "This object indicates the state of the action that is
  executed as a result of setting clmgmtDevCredRowStatus
  to active(1).";
  smiv2:max-access "read-only";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.10";
}

```

```

leaf clmgmtDevCredCommandFailCause {
  type enumeration {
    enum "none" {
      value "1";
    }
  }
}

```

```

}
enum "unknownError" {
  value "2";
}
enum "transferProtocolNotSupported" {
  value "3";
}
enum "fileServerNotReachable" {
  value "4";
}
enum "unrecognizedEntPhysicalIndex" {
  value "5";
}
enum "invalidFile" {
  value "6";
}
}
description
"This object indicates the the reason for device
credentials export operation failure.

The value of this object is valid only when
clmgmtDevCredCommandState is failed(6).

none(1)      - action execution has not started yet.
              If the action is completed and the
              action is successful, then also
              none(1) is returned to indicate that
              there are no errors.
unknownError(2) - reason for failure is unknown,
              operation failed, no operation is
              performed
transferProtocolNotSupported(3) - clmgmtDevCredTransferProtocol
              given is not supported.
fileServerNotReachable(4)      - file server is not reachable.
unrecognizedEntPhysicalIndex(5) - entPhysicalIndex is not
              valid
invalidFile(6) - The target file specified is not valid.";
smiv2:max-access "read-only";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.11";
}

```

```

leaf clmgmtDevCredStorageType {
  type snmpv2-tc:StorageType;
  description
  "This object indicates the storage type for this conceptual
  row. Conceptual rows having the value 'permanent' need not
  allow write-access to any columnar objects in the row.";
}

```

```

smiv2:defval "volatile";
smiv2:max-access "read-write";
smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.12";
}

leaf clmgmtDevCredRowStatus {
  type snmpv2-tc:RowStatus;
  description
    "This object indicates the the status of this table entry.
    Once the entry status is set to active(1), the associated
    entry cannot be modified until the action completes
    (clmgmtDevCredCommandStatus is set to a value
    other than inProgress(3)). Once the action completes
    the only operation possible after this is to delete
    the row.

    clmgmtDevCredExportFile is a mandatory object to be
    set when creating this entry.";
  smiv2:max-access "read-write";
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3.2.1.13";
}
}
}
}

notification clmgmtLicenseExpired {
  description
    "This notification is sent, when a feature license
    expires. This notification will be sent continuously
    every week even after the expiry to alert the management
    application.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.1";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }
  }
}

```

```

}

leaf clmgmtFeatureName {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }
}

notification clmgmtLicenseExpiryWarning {
  description
  "This notification is sent when a license is about to
  expire. This notification will go out multiple times.
  First notification goes out when expiry day is 4 weeks
  ahead, second notification when expiry day is 3 weeks
  ahead, third notification when expiry day is 2 weeks
  ahead. This notification will go out daily in the
  last week of license expiry.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.2";
}

```



```

container object-1 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtFeatureIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
        }
    }

    leaf clmgmtFeatureName {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
        }
    }
}

container object-2 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtFeatureIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
        }
    }

    leaf clmgmtFeatureVersion {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-

```

```

mib:clmgmtFeatureVersion";
    }
  }
}

container object-3 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureValidityPeriodRemaining {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureValidityPeriodRemaining";
    }
  }
}

notification clmgmtLicenseUsageCountExceeded {
  description
  "This notification is sent when clmgmtLicenseUsageCountRemaining
  has reached clmgmtLicenseMaxUsageCount for a counting license.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.3";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtLicenseStoreUsed {

```

```

    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
    }
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }
}

```

```

leaf clmgmtLicenseFeatureVersion {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
  }
}

container object-3 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseMaxUsageCount {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseMaxUsageCount";
    }
  }
}

container object-4 {

  leaf entPhysicalIndex {
    type leafref {

```

```

    path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
  }
}

leaf clmgmtFeatureIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
  }
}

leaf clmgmtFeatureWhatIsCounted {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureWhatIsCounted";
  }
}
}

container object-5 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseComments {

```

```

    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
    }
  }
}

```

```

notification clmgmtLicenseUsageCountAboutToExceed {
  description
    "This notification is sent when clmgmtLicenseUsageCountRemaining
has reached 80% of clmgmtLicenseMaxUsageCount for a counting
license. This is a warning notification to the management
application that very soon the maximum count will be reached
and after that the device will not allow new entities to
make use of this license.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.4";
}

```

```

container object-1 {

```

```

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
}

```

```

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }
}

```

```

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }
}

```

```

  leaf clmgmtLicenseFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-

```

```

mib:clmgmtLicenseFeatureName";
    }
    }
}

container object-2 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
        }
    }

    leaf clmgmtLicenseFeatureVersion {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
        }
    }
}

container object-3 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }
}

```

```
leaf clmgmtLicenseStoreUsed {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
  }
}
```

```
leaf clmgmtLicenseIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
  }
}
```

```
leaf clmgmtLicenseMaxUsageCount {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseMaxUsageCount";
  }
}
```

```
container object-4 {
```

```
  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
```

```
  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }
```

```
  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }
```



```

}

leaf clmgmtLicenseUsageCountRemaining {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseUsageCountRemaining";
  }
}

container object-5 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureWhatIsCounted {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureWhatIsCounted";
    }
  }
}

container object-6 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {

```

```
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
  }
}
```

```
leaf clmgmtLicenseIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
  }
}
```

```
leaf clmgmtLicenseComments {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
  }
}
}
```

```
notification clmgmtLicenseInstalled {
  description
  "This notification is sent when a license is installed
  successfully.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.5";
}
```

```
container object-1 {
```

```
  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
}
```

```
leaf clmgmtLicenseStoreUsed {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
  }
}
```

```
leaf clmgmtLicenseIndex {
```

```

    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
    }
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
    }
  }
}

```

```

}

container object-3 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
        }
    }

    leaf clmgmtLicenseType {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseType";
        }
    }
}

container object-4 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-

```

```
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
}
```

```
leaf clmgmtLicenseIndex {
    type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
}
```

```
leaf clmgmtLicenseComments {
    type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
    }
}
}
```

```
notification clmgmtLicenseCleared {
    description
        "This notification is sent when a license is cleared
        successfully.";
    smiv2:oid "1.3.6.1.4.1.9.9.543.0.6";
```

```
container object-1 {
```

```
    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }
}
```

```
leaf clmgmtLicenseStoreUsed {
    type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
}
```

```
leaf clmgmtLicenseIndex {
    type leafref {
```

```

    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
  }
}

leaf clmgmtLicenseFeatureName {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtLicenseStoreUsed {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
    }
  }
}

```

```

container object-3 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
        }
    }

    leaf clmgmtLicenseType {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseType";
        }
    }
}

container object-4 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-

```

```

mib:clmgmtLicenseStoreUsed";
    }
}

leaf clmgmtLicenseIndex {
    type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
}

leaf clmgmtLicenseComments {
    type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
    }
}
}

notification clmgmtLicenseRevoked {
    description
        "This notification is sent when a license is revoked
        successfully.";
    smiv2:oid "1.3.6.1.4.1.9.9.543.0.7";

    container object-1 {

        leaf entPhysicalIndex {
            type leafref {
                path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
            }
        }

        leaf clmgmtLicenseStoreUsed {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
            }
        }

        leaf clmgmtLicenseIndex {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-

```



```

mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
}

    leaf clmgmtLicenseFeatureName {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureName";
        }
    }
}

    container object-2 {

        leaf entPhysicalIndex {
            type leafref {
                path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
            }
        }

        leaf clmgmtLicenseStoreUsed {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
            }
        }

        leaf clmgmtLicenseIndex {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
            }
        }

        leaf clmgmtLicenseFeatureVersion {
            type leafref {
                path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseFeatureVersion";
            }
        }
    }
}

```

```

container object-3 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }

    leaf clmgmtLicenseIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
        }
    }

    leaf clmgmtLicenseType {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseType";
        }
    }
}

container object-4 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtLicenseStoreUsed {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseStoreUsed";
        }
    }
}

```

```

    }
  }

  leaf clmgmtLicenseIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseIndex";
    }
  }

  leaf clmgmtLicenseComments {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicenseInfoTable/cisco-license-mgmt-mib:clmgmtLicenseInfoEntry/cisco-license-mgmt-
mib:clmgmtLicenseComments";
    }
  }
}

notification clmgmtLicenseEULAAccepted {
  description
  "This notification is sent when a user accepts End User
  License Agreement (EULA) for a license.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.8";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }

    leaf clmgmtFeatureName {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-

```

```

mib:clmgmtFeatureName";
    }
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }
}

notification clmgmtLicenseNotEnforced {
  description
  "This notification is sent when a license does not
  exist for a feature, but the feature is a mandatory
  feature and it should run. This notification will be
  sent out periodically to indicate that there is no
  license installed for this feature and it needs to
  be done as soon as possible.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.9";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }
  }
}

```

```

    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
    }
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }
}

notification clmgmtLicenseSubscriptionExpiryWarning {

```

description

"This notification is sent when a subscription license of a feature is about to expire. This notification will be sent as per the following schedule:

Once a week for the last eight weeks

Once a day for the last week

Once an hour for the last day";

smiv2:oid "1.3.6.1.4.1.9.9.543.0.10";

container object-1 {

leaf entPhysicalIndex {

type leafref {

path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-mib:entPhysicalIndex";

}

}

leaf clmgmtFeatureIndex {

type leafref {

path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-mib:clmgmtFeatureIndex";

}

}

leaf clmgmtFeatureName {

type leafref {

path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-mib:clmgmtFeatureName";

}

}

}

container object-2 {

leaf entPhysicalIndex {

type leafref {

path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-mib:entPhysicalIndex";

}

}

leaf clmgmtFeatureIndex {

type leafref {

path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-

```

mib:clmgmtFeatureIndex";
    }
}

leaf clmgmtFeatureVersion {
    type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
}

container object-3 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtFeatureIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
        }
    }

    leaf clmgmtFeatureEndDate {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureEndDate";
        }
    }
}

notification clmgmtLicenseSubscriptionExtExpiryWarning {
    description
    "This notification is sent when the subscription license end
    date of a feature is reached but extension period is left. This
    notification will be sent once a day after the license end date
    is reached.";
    smiv2:oid "1.3.6.1.4.1.9.9.543.0.11";
}

```

```

container object-1 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtFeatureIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
        }
    }

    leaf clmgmtFeatureName {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
        }
    }
}

container object-2 {

    leaf entPhysicalIndex {
        type leafref {
            path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
        }
    }

    leaf clmgmtFeatureIndex {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
        }
    }

    leaf clmgmtFeatureVersion {
        type leafref {
            path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
        }
    }
}

```



```

    }
  }
}

container object-3 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureEndDate {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureEndDate";
    }
  }
}

notification clmgmtLicenseSubscriptionExpired {
  description
  "This notification will be sent after a subscription license
  of a feature completely expires. It will be sent once a day
  after the license has completely expired";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.12";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {

```

```

    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureName {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
    }
  }
}

container object-2 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }
}

container object-3 {

  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";

```

```

    }
  }

  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }

  leaf clmgmtFeatureEndDate {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureEndDate";
    }
  }
}

notification clmgmtLicenseEvalRTUTransitionWarning {
  description
  "This notification is sent when Evaluation to Right to use (RTU)
  license transition is about to happen. The first notification
  will be sent 10 days before the transition and second
  notification will be sent 5 days before the transition.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.13";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }

    leaf clmgmtFeatureName {
      type leafref {

```

```
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
  }
}
```

```
container object-2 {
```

```
  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
```

```
  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
```

```
  leaf clmgmtFeatureVersion {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
    }
  }
}
```

```
container object-3 {
```

```
  leaf entPhysicalIndex {
    type leafref {
      path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
    }
  }
```

```
  leaf clmgmtFeatureIndex {
    type leafref {
      path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
    }
  }
```

```

}

leaf clmgmtFeatureValidityPeriodRemaining {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureValidityPeriodRemaining";
  }
}
}
}

notification clmgmtLicenseEvalRTUTransition {
  description
  "This notification is sent, when a feature license transitions
  from a evaluation to a Right to use (RTU) license.";
  smiv2:oid "1.3.6.1.4.1.9.9.543.0.14";

  container object-1 {

    leaf entPhysicalIndex {
      type leafref {
        path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
      }
    }

    leaf clmgmtFeatureIndex {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
      }
    }

    leaf clmgmtFeatureName {
      type leafref {
        path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureName";
      }
    }
  }

  container object-2 {

    leaf entPhysicalIndex {
      type leafref {

```

```

    path "/entity-mib:ENTITY-MIB/entity-mib:entPhysicalTable/entity-mib:entPhysicalEntry/entity-
mib:entPhysicalIndex";
  }
}

leaf clmgmtFeatureIndex {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureIndex";
  }
}

leaf clmgmtFeatureVersion {
  type leafref {
    path "/cisco-license-mgmt-mib:CISCO-LICENSE-MGMT-MIB/cisco-license-mgmt-
mib:clmgmtLicensableFeatureTable/cisco-license-mgmt-mib:clmgmtLicensableFeatureEntry/cisco-license-mgmt-
mib:clmgmtFeatureVersion";
  }
}
}

smiv2:alias "ciscoLicenseMgmtMIB" {
  smiv2:oid "1.3.6.1.4.1.9.9.543";
}

smiv2:alias "ciscoLicenseMgmtMIBNotifs" {
  smiv2:oid "1.3.6.1.4.1.9.9.543.0";
}

smiv2:alias "ciscoLicenseMgmtMIBObjects" {
  smiv2:oid "1.3.6.1.4.1.9.9.543.1";
}

smiv2:alias "clmgmtLicenseConfiguration" {
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.1";
}

smiv2:alias "clmgmtLicenseInformation" {
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.2";
}

smiv2:alias "clmgmtLicenseDeviceInformation" {
  smiv2:oid "1.3.6.1.4.1.9.9.543.1.3";
}

smiv2:alias "clmgmtLicenseNotifObjects" {

```

```

smiv2:oid "1.3.6.1.4.1.9.9.543.1.4";
}

smiv2:alias "ciscoLicenseMgmtMIBConform" {
smiv2:oid "1.3.6.1.4.1.9.9.543.2";
}

smiv2:alias "ciscoLicenseMgmtCompliances" {
smiv2:oid "1.3.6.1.4.1.9.9.543.2.1";
}

smiv2:alias "ciscoLicenseMgmtGroups" {
smiv2:oid "1.3.6.1.4.1.9.9.543.2.2";
}

}
-- *****
-- CISCO-LICENSE-MGMT-MIB.my: Cisco MIB to manage licenses on
-- Cisco devices
--
-- July 2006, Sunil Gudurvalmiki
--
-- Copyright (c) 2006, 2008, 2011-2012 by Cisco Systems Inc.
-- All rights reserved.
--
-- *****

```

CISCO-LICENSE-MGMT-MIB DEFINITIONS ::= BEGIN

IMPORTS

```

OBJECT-TYPE,
MODULE-IDENTITY,
Unsigned32,
NOTIFICATION-TYPE
    FROM SNMPv2-SMI
MODULE-COMPLIANCE,
OBJECT-GROUP,
NOTIFICATION-GROUP
    FROM SNMPv2-CONF
TEXTUAL-CONVENTION,
TruthValue,
RowStatus,
StorageType,
DateAndTime
    FROM SNMPv2-TC
SnmAdminString
    FROM SNMP-FRAMEWORK-MIB
entPhysicalIndex,

```

PhysicalIndexOrZero  
FROM ENTITY-MIB  
InetAddressType,  
InetAddress  
FROM INET-ADDRESS-MIB  
ciscoMgmt  
FROM CISCO-SMI;

ciscoLicenseMgmtMIB MODULE-IDENTITY

LAST-UPDATED "201204190000Z"  
ORGANIZATION "Cisco Systems Inc."  
CONTACT-INFO

"Cisco Systems  
Customer Service

Postal: 170 W Tasman Drive

San Jose, CA 95134

USA

Tel: +1 800 553 -NETS

E-mail: cs-snmp@cisco.com"

DESCRIPTION

"The MIB module for managing licenses on the system.  
The licensing mechanism provides flexibility to  
enforce licensing for various features in the system.

The following text introduces different concepts and  
terms those are necessary to understand the MIB definition  
and to perform license management.

UDI

Universal Device Identifier that uniquely identifies a  
device. It comprises of product ID, version ID and serial  
number of the device.

NODE LOCKED LICENSE:

Node locked licenses are locked to one of the device  
identifiers in the system. For example, the license  
can be locked to the UDI value of one of the devices  
in the system. Locking a license to an UDI guarantees  
that the license will not be moved to a device with a  
different UDI.

NON-NODE LOCKED LICENSE:



Non-node locked licenses are not locked to any device identifier. They can be used on other similar devices.

#### METERED LICENSE:

Metered licenses are valid for limited period of time and they expire after that. This period is the usage period of a license and it is not based on real time clock, but system clock.

#### EULA:

End User License Agreement.

#### EVALUATION LICENSE:

Evaluation licenses are non-node locked metered licenses which are valid only for a limited period. They are used only when there are no permanent, extension or grace period licenses for a feature. User will have to accept EULA (End User License Agreement) before using an evaluation license. Even though they are not node locked, their usage is recorded on the device.

#### RIGHT TO USE (RTU) LICENSE:

Right to use license is a non-node locked metered license which is in evaluation mode for a limited time after which it is converted to Right To Use (RTU) license and is valid for the lifetime of the product. User will have to accept EULA (End User License Agreement) before using this license. Even though it is not node locked, usage information is recorded on the device.

#### EXTENSION LICENSE:

Extension licenses are node locked metered licenses. These licenses are issued by Cisco's licensing portal. These licenses need to be installed using management interfaces on the device. User will have to accept an EULA as part of installation of extension license.

#### GRACE PERIOD LICENSE:

Grace period licenses are node locked metered licenses. These licenses are issued by Cisco's licensing portal as part of the permission ticket to rehost a license. These licenses are installed on the device as part of the rehost operation. User will have to accept an EULA as part of the rehost operation for this type of license. Details on permission ticket, rehost operations are provided further down in this description clause.

#### PERMANENT LICENSE:

Permanent licenses are node locked licenses that have no usage period associated with them. These licenses are issued by Cisco's licensing portal. These licenses need to be installed using management interfaces on the device. Once these licenses are installed, they will provide needed permission for the feature/image across different versions.

#### COUNTED LICENSE:

Counted licenses limit the number of similar entities that can use the license. For example, a counted license when used by a feature can limit the number of IP phones that can connect or the number of tunnels that can be created.

#### UNCOUNTED LICENSE:

Uncounted licenses do not limit the number of similar entities that can use the licenses.

License can be enforced at the image level or at the feature level and this MIB module supports both.

#### IMAGE LEVEL LICENSING:

A universal image that contains all levels of software packages is loaded on to the device. At boot time, the device determines the highest level of license and brings up the appropriate software features or subsystems.

#### FEATURE LEVEL LICENSING:

Feature level licensing will support enforcement of license at individual feature. Features have to check for their licenses before enabling themselves. If it does not have a license, the feature should disable itself.

There is a one-to-one relationship between a feature and a license. That is, a feature can use only one license at a time and a license can be used by only one feature at a time.

#### LICENSE LINE:

A License line is an atomic set of ASCII characters arranged in a particular format that holds the license for a single feature within it. A line has all the necessary fields and attributes that make it a valid,

non-tamper able and complete license.

#### LICENSE FILE:

File generated by Cisco licensing portal. It is used to install license on product. It has a user readable part and it contains one or more license lines.

#### DEVICE CREDENTIALS:

Device credentials file is a document that is generated by a licensed device. This document establishes the identity of the device and proves that the sender/user has/had authorized access to the device.

#### REHOST:

Rehost operation allows a node locked license that is installed on a device to be installed on other similar device. As part of rehost operation, a device processes the permission ticket, revokes the license(s) on the device and generates a rehost ticket as the proof of revocation. This rehost ticket needs to be presented to the Cisco's licensing portal to get the license transferred on to a new similar device.

#### PERMISSION TICKET:

Permission ticket is a document generated by Cisco licensing portal that allows a device to rehost its licenses.

#### REHOST TICKET:

Rehost ticket is document generated by a device after it has applied a permission ticket. The rehost ticket is a proof of revocation.

#### LICENSING PORTAL:

Generates licenses, permission tickets and verifies device credentials and rehost tickets.

This MIB module provides MIB objects to install, clear, revoke licenses. It also provides objects to regenerate last rehost ticket, backup all the licenses installed on a device, generate & export EULA for licenses.

#### STEPS TO INSTALL A LICENSE:

- To install a license, the management application
1. Retrieves device credentials of the device.
  2. Communicates with Cisco's licensing portal to get the license file, uses device credentials to identify the device

3. Executes the license install action.

#### STEPS TO CLEAR A LICENSE:

To clear a license, the management application

1. Identifies the license to be cleared using license index.
2. Executes the license clear action.

#### STEPS TO REHOST A LICENSE:

To rehost a license, the management application

1. Retrieves device credentials of the device.
2. Communicates with Cisco's licensing portal to get the permission ticket, uses device credentials to identify the device.
3. Executes the processPermissionTicket action. Device revokes the license and generates rehost ticket to be submitted as proof of revocation.
4. Retrieves device credentials of the device where the license needs to be transferred to.
5. Submits rehost ticket as proof of revocation to Cisco's licensing portal, uses device credentials of the new device to identify the device, gets license file.
6. Executes the license install action on the new device.

#### STEPS TO REGENERATE LAST REHOST TICKET:

To regenerate last rehost ticket, the management application

1. Retrieves device credentials of the device.
2. Uses already obtained permission ticket or communicates with Cisco's licensing portal to get the permission ticket, uses device credentials to identify the device.
3. Executes the regenerateLastRehostTicket action. Device generates rehost ticket to be submitted as proof of revocation.

#### STEPS TO BACKUP ALL LICENSES:

To backup all licenses installed in the device, the management application

1. Specifies the backup file path.
2. Executes the license backup action.

#### STEPS TO GENERATE & EXPORT EULA:

To install certain kind of licenses, the management application must accept EULA first. The management application can generate and export EULA for one or

more licenses with out installing licenses as follows.

1. Specifies the license file path that has licenses to be installed
2. Specifies the EULA file path where EULA need to be exported to
3. Executes the generate EULA action.

To support the various license actions, this MIB module also defines MIB objects to know if a device supports licensing, retrieve device credentials, retrieve information on license stores in the device.

It also defines MIB objects to expose management information associated with the licenses installed on the device, with the licensable features in the software image.

This MIB module also defines various notifications that will be triggered to asynchronously notify the management application of any critical events.

This MIB module is defined generically so it can be implemented on stand alone devices or stack of devices. In stack of devices, one device in the stack acts as master agent and rest are slave agents. Each device in the stack has its own UDI. The master agent receives requests on behalf of all the devices in the stack including itself and delegates it to other devices as needed. It also collects responses from other devices and sends them to the management application. Examples of such devices include stackable switches, devices with route processor and line cards. On the other hand, stand alone device is a single device and has only one UDI associated with it.

entPhysicalIndex imported from ENTITY-MIB is used to identify the device uniquely. It is specified as the index or one of the index for tables in this MIB as needed."

REVISION "201204190000Z"

DESCRIPTION

"This version of the MIB adds support for Permanent Right to use (RTU) licensing. The revisions are:

- o Updated clmgmtLicenseType object to support the following new types of license:  
permanentRightToUse

The new module compliance is ciscoLicenseMgmtComplianceRev1."

REVISION "201104190000Z"

DESCRIPTION

- "This version of the MIB adds support for Right to use (RTU) licensing. The revisions are:
- o Added RTU license definition to MIB description above.
  - o Updated clmgmtLicenseType object to support the following new types of license:
    - evalRightToUse
    - rightToUse
  - o Added following objects to clmgmtLicenseInfoTable
    - clmgmtLicensePeriodUsed
  - o Added following objects to clmgmtLicensableFeatureTable
    - clmgmtFeaturePeriodUsed
  - o Added the following notifications
    - clmgmtLicenseEvalRTUTransitionWarning
    - clmgmtLicenseEvalRTUTransition
  - o Added the following conformance groups
    - clmgmtLicenseRTUGroup
    - clmgmtLicenseRTUUsageNotifGroup

The new module compliance is ciscoLicenseMgmtComplianceRev1."

REVISION "200811210000Z"

DESCRIPTION

- "This version of the MIB adds support for subscription licensing. Subscription licenses provide software enforcement for a licensed feature for a fixed calendar period. The revisions are:
- o Updated clmgmtLicenseType object to support the following three new types of licenses:
    - paidSubscription
    - evaluationSubscription
    - extensionSubscription
  - o Added following objects to clmgmtLicenseInfoTable
    - clmgmtLicenseStartDate
    - clmgmtLicenseEndDate
  - o Added following objects to clmgmtLicensableFeatureTable
    - clmgmtFeatureStartDate
    - clmgmtFeatureEndDate
  - o Added the following notifications
    - clmgmtLicenseSubscriptionExpiryWarning
    - clmgmtLicenseSubscriptionExtExpiryWarning
    - clmgmtLicenseSubscriptionExpired
  - o Added the following conformance groups
    - clmgmtLicenseSubscriptionGroup
    - clmgmtLicenseSubscriptionUsageNotifGroup

The new module compliance is ciscoLicenseMgmtComplianceRev1."

REVISION "200610030000Z"

DESCRIPTION

"Initial version of this MIB module."

::= { ciscoMgmt 543 }

ciscoLicenseMgmtMIBNotifs OBJECT IDENTIFIER  
 ::= { ciscoLicenseMgmtMIB 0 }

ciscoLicenseMgmtMIBObjects OBJECT IDENTIFIER  
 ::= { ciscoLicenseMgmtMIB 1 }

ciscoLicenseMgmtMIBConform OBJECT IDENTIFIER  
 ::= { ciscoLicenseMgmtMIB 2 }

clmgmtLicenseConfiguration OBJECT IDENTIFIER  
 ::= { ciscoLicenseMgmtMIBObjects 1 }

clmgmtLicenseInformation OBJECT IDENTIFIER  
 ::= { ciscoLicenseMgmtMIBObjects 2 }

clmgmtLicenseDeviceInformation OBJECT IDENTIFIER  
 ::= { ciscoLicenseMgmtMIBObjects 3 }

clmgmtLicenseNotifObjects OBJECT IDENTIFIER  
 ::= { ciscoLicenseMgmtMIBObjects 4 }

ClmgmtLicenseIndex ::= TEXTUAL-CONVENTION  
 STATUS current  
 DESCRIPTION  
 "A unique value, for each license in the managed system.  
 It is not necessary to have values assigned contiguously.  
 The value for each license must remain constant  
 at least from one re-initialization of the entity's  
 network management system to the next re-initialization"  
 SYNTAX Unsigned32 (1..4294967295)

ClmgmtLicenseIndexOrZero ::= TEXTUAL-CONVENTION  
 STATUS current  
 DESCRIPTION  
 "This textual convention is an extension of the ClmgmtLicenseIndex  
 convention. The latter defines a greater than zero value  
 used to identify a license in the managed system. This  
 extension permits the additional value of zero. The value  
 zero is object-specific and must therefore be defined as  
 part of the description of any object which uses this  
 syntax. Examples of the usage of zero might include  
 situations where license was not present or unknown."  
 SYNTAX Unsigned32

ClmgmtLicenseTransferProtocol ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"The transfer protocol that should be used for copying files when performing license management. When the protocol is set to local(2), local file system (flash or disk) is used. Different agents may support different transfer protocols and the management application is expected to some how determine which protocol is supported and use."

SYNTAX INTEGER {  
    none(1),  
    local(2),  
    tftp(3),  
    ftp(4),  
    rcp(5),  
    http(6),  
    scp(7),  
    sftp(8)  
}

ClmgmtLicenseActionState ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"The state of license action execution.

none(1) - action is not yet scheduled to be executed.

pending(2) - All the required parameters for the action are set and the action is scheduled to be executed.

inProgress(3) - action execution has started and is in progress.

successful(4) - action has completed successfully.

partiallySuccessful(5) - action has completed, but was partially successful. Management application can query additional MIB objects to know what is successful and what has failed. These additional objects are listed in the description of the corresponding action tables.

failed(6) - action has failed."

SYNTAX INTEGER {  
    none(1),



```

    pending(2),
    inProgress(3),
    successful(4),
    partiallySuccessful(5),
    failed(6)
}

```

ClmgmtLicenseActionFailCause ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"Reason for license action failure. Defines error codes for all the license actions.

none(1) - action execution has not started yet. If the action is completed and the action is successful, then also none(1) is returned to indicate that there are no errors.

generalFailure(2) - General licensing failure. This will be used for resource unavailability failures. Ex: Lack of memory.

transferProtocolNotSupported(3) - protocol selected is not supported.

fileServerNotReachable(4) - file server is not reachable.

unrecognizedEntPhysicalIndex(5) - entPhysicalIndex is not valid

invalidLicenseFilePath(6) - The license file path is not accessible.

invalidLicenseFile(7) - Contents of license file are not valid.

invalidLicenseLine(8) - License string in the license file is not valid.

licenseAlreadyExists(9) - Management application is trying to install a license that already exists.

licenseNotValidForDevice(10) - This license is not valid for the device/entPhysicalIndex specified.

invalidLicenseCount(11) - Invalid count for this counted license.

invalidLicensePeriod(12) - Validity period is invalid for this expiring license.

licenseInUse(13) - License file is in use by a feature/image.

invalidLicenseStore(14) - License store is not valid.

licenseStorageFull(15) - There is no more space in the license storage.

invalidPermissionTicketFile(16) - The permission ticket file path is not accessible.

invalidPermissionTicket(17) - The permission ticket file contents are not valid.

invalidRehostTicketFile(18) - The rehost ticket file path is not accessible.

invalidRehostTicket(19) - The rehost ticket file contents are not valid.

invalidLicenseBackupFile(20) - License backup store path is not accessible.

licenseClearInProgress(21) - When license clear action is in progress, license backup action is not permitted to avoid race conditions. This error code is sent back in response to a license backup action when a license clear action is in progress or in pending state. Try again in few seconds.

invalidLicenseEULAFile(22) - EULA file path is not accessible."

```
SYNTAX    INTEGER {
    none(1),
    generalFailure(2),
    transferProtocolNotSupported(3),
    fileServerNotReachable(4),
    unrecognizedEntPhysicalIndex(5),
    invalidLicenseFilePath(6),
    invalidLicenseFile(7),
    invalidLicenseLine(8),
    licenseAlreadyExists(9),
    licenseNotValidForDevice(10),
    invalidLicenseCount(11),
    invalidLicensePeriod(12),
    licenseInUse(13),
    invalidLicenseStore(14),
    licenseStorageFull(15),
    invalidPermissionTicketFile(16),
    invalidPermissionTicket(17),
    invalidRehostTicketFile(18),
    invalidRehostTicket(19),
    invalidLicenseBackupFile(20),
    licenseClearInProgress(21),
    invalidLicenseEULAFile(22)
}
```

clmgmtNextFreeLicenseActionIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object contains appropriate value for clmgmtLicenseActionIndex that can be used to create an entry in clmgmtLicenseActionTable. The management application should read this object first and then use this as the value for clmgmtLicenseActionIndex to avoid collisions when creating entries in clmgmtLicenseActionTable. Following this approach does not guarantee collision free row creation, but will reduce the probability. The collision will happen if two management applications read this object at the same time and attempt to create an entry with this value at the same time. In this case, the management application whose request is processed after the first request will get an error and the process of reading this object and entry creation needs to be repeated."

::= { clmgmtLicenseConfiguration 1 }

-- Table for executing license management actions.

clmgmtLicenseActionTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicenseActionEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"A table for invoking license management actions. Management application must create a row in this table to trigger any of the license management actions. The following are different actions that can be executed using this table.

1. install
2. clear
3. processPermissionTicket
4. regenerateLastRehostTicket
5. backup
6. generateEULA

Refer to the description of clmgmtLicenseAction for more information on what these actions do on the device.

Once the request completes, the management application should retrieve the values of the objects of interest, and then delete the entry. In order to prevent old entries from clogging the table, entries will be aged out, but an entry will never be deleted within 5 minutes of completion."

::= { clmgmtLicenseConfiguration 2 }

clmgmtLicenseActionEntry OBJECT-TYPE

SYNTAX ClmgmtLicenseActionEntry

MAX-ACCESS not-accessible

STATUS current

#### DESCRIPTION

"An entry for each action that is being executed or was executed recently. The management application executes an action

by creating this entry. This can be done in the following 2 methods

##### 1. CREATE-AND-GO method

Management application sets clmgmtLicenseActionRowStatus to createAndGo(4) and all other required objects to valid values in a single SNMP SET request. If all the values are valid, the device creates the entry and executes the action. If the SET request fails, the entry will not be created.

##### 2. CREATE-AND-WAIT method

Management application sets clmgmtLicenseActionRowStatus to createAndWait(5) to create an entry. Management application can set all other required objects to valid values in more than one SNMP SET request. If SET request for any of the objects fails, management application can set

just only that object. Once all the required objects are set to valid values, management application triggers action execution by setting clmgmtLicenseActionRowStatus to active(1).

To stop the action from being executed, the management application can delete the entry by setting clmgmtLicenseActionRowStatus to destroy(6) when clmgmtLicenseActionState is pending(2).

The status of action execution can be known by querying clmgmtLicenseActionState. If the action is still in pending(2) or inInProgress(3) state, the management application need to check back again after few seconds. Once the action completes and status of the action is failed(6), the reason for failure can be retrieved from clmgmtLicenseActionFailCause. If the status of the action is partiallySuccessful(5), results of individual licenses can be queried from clmgmtLicenseActionResultTable.

Not all objects in the entry are needed to execute every action. Below is the list of actions and the required objects that are needed to be set for executing that

action.

### 1. Installing a license

The following MIB objects need to be set for installing a license

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicenseFile
- g. clmgmtLicenseStore
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAcceptEULA
- j. clmgmtLicenseAction

clmgmtLicenseActionEntPhysicalIndex need not be set explicitly for license installs. License itself identifies the device where the license needs to be installed.

clmgmtLicenseStore need to be set to store the licenses in a non-default license store. But, if a license file has more than one license and licenses need to be installed on multiple devices (for example to multiple members within a stack), then value of clmgmtLicenseStore is ignored and the licenses will be installed in default license stores of the respective devices.

### 2. Clearing a license

The following MIB objects need to be set for clearing a license

- a. clmgmtLicenseActionEntPhysicalIndex
- b. clmgmtLicenseActionLicenseIndex
- c. clmgmtLicenseStore
- d. clmgmtLicenseAction

### 3. Revoking a license

The following MIB objects need to be set for revoking a license

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicensePermissionTicketFile
- g. clmgmtLicenseRehostTicketFile
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAction

#### 4. Regenerate last rehost ticket

The following MIB objects need to be set for regenerating last rehost ticket

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicensePermissionTicketFile
- g. clmgmtLicenseRehostTicketFile
- h. clmgmtLicenseStopOnFailure
- i. clmgmtLicenseAction

#### 5. Save all licenses to a backup storage

The following MIB objects need to be set for storing all licenses to a backup store

- a. clmgmtLicenseActionEntPhysicalIndex
- b. clmgmtLicenseActionTransferProtocol
- c. clmgmtLicenseServerAddressType
- d. clmgmtLicenseServerAddress
- e. clmgmtLicenseServerUsername
- f. clmgmtLicenseServerPassword
- g. clmgmtLicenseBackupFile
- h. clmgmtLicenseAction

#### 6. Generate and export EULA if the licenses need EULA to be accepted for installing.

The following MIB objects need to be set exporting required EULAs

- a. clmgmtLicenseActionTransferProtocol
- b. clmgmtLicenseServerAddressType
- c. clmgmtLicenseServerAddress
- d. clmgmtLicenseServerUsername
- e. clmgmtLicenseServerPassword
- f. clmgmtLicenseFile
- g. clmgmtLicenseEULAFile
- h. clmgmtLicenseAction

For any action, if clmgmtLicenseActionTransferProtocol is set to local(2), the following objects need not be set.

- a. clmgmtLicenseServerAddressType
- b. clmgmtLicenseServerAddress
- c. clmgmtLicenseServerUsername
- d. clmgmtLicenseServerPassword

Entry can be deleted except when clmgmtLicenseAction is set

to pending(2). All entries are volatile and are cleared on agent reset."

```
INDEX      { clmgmtLicenseActionIndex }  
::= { clmgmtLicenseActionTable 1 }
```

```
ClmgmtLicenseActionEntry ::= SEQUENCE {  
    clmgmtLicenseActionIndex      Unsigned32,  
    clmgmtLicenseActionEntPhysicalIndex PhysicalIndexOrZero,  
    clmgmtLicenseActionTransferProtocol ClmgmtLicenseTransferProtocol,  
    clmgmtLicenseServerAddressType InetAddressType,  
    clmgmtLicenseServerAddress      InetAddress,  
    clmgmtLicenseServerUsername      SnmpAdminString,  
    clmgmtLicenseServerPassword      SnmpAdminString,  
    clmgmtLicenseFile                SnmpAdminString,  
    clmgmtLicenseStore                Unsigned32,  
    clmgmtLicenseActionLicenseIndex ClmgmtLicenseIndexOrZero,  
    clmgmtLicensePermissionTicketFile SnmpAdminString,  
    clmgmtLicenseRehostTicketFile     SnmpAdminString,  
    clmgmtLicenseBackupFile           SnmpAdminString,  
    clmgmtLicenseStopOnFailure        TruthValue,  
    clmgmtLicenseAction              INTEGER,  
    clmgmtLicenseActionState          ClmgmtLicenseActionState,  
    clmgmtLicenseJobQPosition         Unsigned32,  
    clmgmtLicenseActionFailCause      ClmgmtLicenseActionFailCause,  
    clmgmtLicenseActionStorageType    StorageType,  
    clmgmtLicenseActionRowStatus      RowStatus,  
    clmgmtLicenseAcceptEULA          TruthValue,  
    clmgmtLicenseEULAFile            SnmpAdminString  
}
```

clmgmtLicenseActionIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a row in clmgmtLicenseActionTable. The management application should choose this value by reading clmgmtNextFreeLicenseActionIndex while creating an entry in this table. If an entry already exists with this index, the creation of the entry will not continue and error will be returned. The management application should read the value of clmgmtNextFreeLicenseActionIndex again and retry with the new value for this object."

```
::= { clmgmtLicenseActionEntry 1 }
```

clmgmtLicenseActionEntPhysicalIndex OBJECT-TYPE

SYNTAX PhysicalIndexOrZero

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object represents the entPhysicalIndex of the device where the action is being executed. This object is mainly used in devices where one device is acting as a master and rest of the devices as slaves. The master device is responsible for SNMP communication with the management application. Examples include stackable switches, devices with route processor and line card configuration. If this object is not set, the license action will be executed on the master device. Note: This object need not be set if there is a stand alone device"

DEFVAL { 0 }

::= { clmgmtLicenseActionEntry 2 }

clmgmtLicenseActionTransferProtocol OBJECT-TYPE

SYNTAX ClmgmtLicenseTransferProtocol

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object represents the transfer protocol to be used when copying files as specified in the following objects.

1. clmgmtLicenseFile
2. clmgmtLicensePermissionTicketFile
3. clmgmtLicenseRehostTicketFile
4. clmgmtLicenseBackupFile

Note: This object need not be set if the all the files required for the action are in device's local file system."

DEFVAL { none }

::= { clmgmtLicenseActionEntry 3 }

clmgmtLicenseServerAddressType OBJECT-TYPE

SYNTAX InetAddressType

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the transport type of the address contained in clmgmtLicenseServerAddress object.

This must be set when clmgmtLicenseActionTransferProtocol is not none(1) or local(2)."

DEFVAL { unknown }

::= { clmgmtLicenseActionEntry 4 }

clmgmtLicenseServerAddress OBJECT-TYPE

SYNTAX InetAddress

MAX-ACCESS read-create

STATUS current



#### DESCRIPTION

"This object indicates the ip address of the server from which the files must be read or written to if clmgmtLicenseActionTransferProtocol is not none(1) or local(2).

All bits as 0s or 1s for clmgmtLicenseServerAddress are not allowed.

The format of this address depends on the value of the clmgmtLicenseServerAddressType object"

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 5 }

#### clmgmtLicenseServerUsername OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..96))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the remote user name for accessing files via ftp, rcp, sftp or scp protocols. This object must be set when the clmgmtLicenseActionTransferProtocol is ftp(4), rcp(5), scp(7) or sftp(8). If clmgmtLicenseActionTransferProtocol is rcp(5), the remote username is sent as the server username in an rcp command request sent by the system to a remote rcp server."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 6 }

#### clmgmtLicenseServerPassword OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..96))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the password used by ftp, sftp or scp for copying a file to/from an ftp/sftp/scp server. This object must be set when the clmgmtLicenseActionTransferProtocol is ftp(4) or scp(7) or sftp(8). Reading it returns a zero-length string for security reasons."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 7 }

#### clmgmtLicenseFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object represents the location of the license file on the server identified by clmgmtLicenseServerAddress. This object MUST be set to a valid value before or concurrently with setting the value of the clmgmtLicenseAction object to install(2). For other operations, the value of this object is not considered, it is irrelevant."

DEFVAL { "" }  
::= { clmgmtLicenseActionEntry 8 }

#### clmgmtLicenseStore OBJECT-TYPE

SYNTAX Unsigned32  
MAX-ACCESS read-create  
STATUS current

#### DESCRIPTION

"This object represents the clmgmtLicenseStoreIndex of the license store to use within the device. The license store can be a local disk or flash. A device can have more than one license stores. If this object is not set, the license will be stored in the default license store as exposed by clmgmtDefaultLicenseStore object."

DEFVAL { 0 }  
::= { clmgmtLicenseActionEntry 9 }

#### clmgmtLicenseActionLicenseIndex OBJECT-TYPE

SYNTAX ClmgmtLicenseIndexOrZero  
MAX-ACCESS read-create  
STATUS current

#### DESCRIPTION

"This object indicates the the license index of the license that is the subject of this action. This is used for identifying a license for performing actions specific to that license. This object need to be set only if clmgmtLicenseAction is set to clear(4). The value of this object is same as the clmgmtLicenseIndex object in clmgmtLicenseInfoEntry for license that is subject of this action."

DEFVAL { 0 }  
::= { clmgmtLicenseActionEntry 10 }

#### clmgmtLicensePermissionTicketFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))  
MAX-ACCESS read-create  
STATUS current

#### DESCRIPTION

"This object indicates the file name of the permission ticket. This object need to be set only if clmgmtLicenseAction is set to processPermissionTicket(4) or regenerateLastRehostTicket(5) actions. The permission

ticket is obtained from Cisco licensing portal to revoke a license. The management application must set this object to valid value before invoking the action."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 11 }

#### clmgmtLicenseRehostTicketFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the file where the rehost ticket generated by the device need to be exported to. The rehost ticket is generated as a result of processPermissionTicket and regenerateLastRehostTicket actions. After generating the rehost ticket, the device exports the rehost ticket contents to this file. This object need to be set only if clmgmtLicenseAction is set to processPermissionTicket(4) or regenerateLastRehostTicket(5) actions."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 12 }

#### clmgmtLicenseBackupFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the file where all the licenses in the device need to be backed up. This object need to be set only if clmgmtLicenseAction is set to backup(6) and the management application must set the value of this object to valid value before invoking action."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 13 }

#### clmgmtLicenseStopOnFailure OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates whether the license action should stop if the action on a license fails. This object is applicable only if there are more than one licenses involved in an action."

DEFVAL { false }

::= { clmgmtLicenseActionEntry 14 }

#### clmgmtLicenseAction OBJECT-TYPE

```

SYNTAX    INTEGER {
            noOp(1),
            install(2),
            clear(3),
            processPermissionTicket(4),
            regenerateLastRehostTicket(5),
            backup(6),
            generateEULA(7)
          }

```

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the the command/action to be executed.

| Command                       | Remarks   |
|-------------------------------|---|
| -----                         | -----   |
| noOp(1)                       | No operation will be performed.   |
| install(2)                    | Installs the license.   |
| clear(3)                      | Clears the license.   |
| processPermissionTicket(4)    | Processes thee permission ticket and generates and exports rehost ticket.   |
| regenerateLastRehostTicket(5) | Generates and exports the last generated rehost ticket.   |
| backup(6)                     | Backs up all the licenses installed currently onto a backup store.  |
| generateEULA(7)               | Checks whether the licenses in the license file need EULA acceptance and uploads the needed EULA contents to a file." |

DEFVAL { noOp }

::= { clmgmtLicenseActionEntry 15 }

clmgmtLicenseActionState OBJECT-TYPE

SYNTAX ClmgmtLicenseActionState

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the state of this license action."

::= { clmgmtLicenseActionEntry 16 }

#### clmgmtLicenseJobQPosition OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object represents the position of the action in the license action job queue that is maintained internally. Only actions in pending(2) state will be put in the queue until they are executed. By reading this object, the management application can make intelligent decision on whether to execute another action that it is planning on. For example, if there is already a license clear action in the queue in pending(2) state, management application can choose to defer its license back up action to a later time. This object will return a value of 0 if the action is not in pending(2) state."

::= { clmgmtLicenseActionEntry 17 }

#### clmgmtLicenseActionFailCause OBJECT-TYPE

SYNTAX ClmgmtLicenseActionFailCause

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object indicates the reason for this license action failure. The value of this object is valid only when clmgmtLicenseActionState is failed(6)."

::= { clmgmtLicenseActionEntry 18 }

#### clmgmtLicenseActionStorageType OBJECT-TYPE

SYNTAX StorageType

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the storage type for this conceptual row. Conceptual rows having the value 'permanent' need not allow write-access to any columnar objects in the row."

DEFVAL { volatile }

::= { clmgmtLicenseActionEntry 19 }

#### clmgmtLicenseActionRowStatus OBJECT-TYPE

SYNTAX RowStatus

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the the status of this table entry."

Once the entry status is set to active(1), the associated entry cannot be modified until the action completes (clmgmtLicenseConfigCommandStatus is set to a value other than inProgress(3)). Once the action completes the only operation possible after this is to delete the row. It is recommended that the management application should delete entries in this table after reading the result. In order to prevent old entries from clogging the table, entries will be aged out, but an entry will never be deleted within 5 minutes of completion"

::= { clmgmtLicenseActionEntry 20 }

#### clmgmtLicenseAcceptEULA OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates whether the End User License Agreement needed for installing the licenses is accepted.

true(1) - EULA is read and accepted

false(2) - EULA is not accepted

Management application should set this object to true(1) when installing licenses that need EULA acceptance."

DEFVAL { false }

::= { clmgmtLicenseActionEntry 21 }

#### clmgmtLicenseEULAFile OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-create

STATUS current

#### DESCRIPTION

"This object indicates the file where all the End User License Agreements (EULAs) need to be exported to. This object need to be set only if clmgmtLicenseAction is set to generateEULA(7) and the management application must set the value of this object to valid value before invoking action."

DEFVAL { "" }

::= { clmgmtLicenseActionEntry 22 }

-- License action results table.

#### clmgmtLicenseActionResultTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicenseActionResultEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains results of license action if the license action involves multiple licenses. Entries in this table are not created for actions where there is only license that is subject of the action. For example, if there are 3 licenses in a license file when executing license install action, 3 entries will be created in this table, one for each license."

::= { clmgmtLicenseConfiguration 3 }

clmgmtLicenseActionResultEntry OBJECT-TYPE

SYNTAX ClmgmtLicenseActionResultEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in clmgmtLicenseActionResultTable. Each entry contains result of the action for a single license. These entries are created immediately after action execution when the action involves multiple licenses. These entries get automatically deleted when the corresponding entry in clmgmtLicenseActionTable is deleted."

INDEX {  
    clmgmtLicenseActionIndex,  
    clmgmtLicenseNumber  
}

::= { clmgmtLicenseActionResultTable 1 }

ClmgmtLicenseActionResultEntry ::= SEQUENCE {  
    clmgmtLicenseNumber Unsigned32,  
    clmgmtLicenseIndivActionState ClmgmtLicenseActionState,  
    clmgmtLicenseIndivActionFailCause ClmgmtLicenseActionFailCause  
}

clmgmtLicenseNumber OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object indicates the sequence number of this license in the list of licenses on which the action is executed. For example, if there are 3 licenses in a license file when executing license install action, this object will have values 1, 2 and 3 respectively as ordered in the license file."

::= { clmgmtLicenseActionResultEntry 1 }

clmgmtLicenseIndivActionState OBJECT-TYPE  
SYNTAX ClmgmtLicenseActionState  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the state of action on this  
individual license."  
 ::= { clmgmtLicenseActionResultEntry 2 }

clmgmtLicenseIndivActionFailCause OBJECT-TYPE  
SYNTAX ClmgmtLicenseActionFailCause  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the reason for action failure on this  
individual license"  
 ::= { clmgmtLicenseActionResultEntry 3 }

-- License Store Info Table

clmgmtLicenseStoreInfoTable OBJECT-TYPE  
SYNTAX SEQUENCE OF ClmgmtLicenseStoreInfoEntry  
MAX-ACCESS not-accessible  
STATUS current  
DESCRIPTION  
"This table contains information about all the license  
stores allocated on the device."  
 ::= { clmgmtLicenseInformation 1 }

clmgmtLicenseStoreInfoEntry OBJECT-TYPE  
SYNTAX ClmgmtLicenseStoreInfoEntry  
MAX-ACCESS not-accessible  
STATUS current  
DESCRIPTION  
"An entry in clmgmtLicenseStoreInfoTable. Each entry  
contains information about a license store allocated  
on the device"  
INDEX {  
    entPhysicalIndex,  
    clmgmtLicenseStoreIndex  
}  
 ::= { clmgmtLicenseStoreInfoTable 1 }

ClmgmtLicenseStoreInfoEntry ::= SEQUENCE {  
    clmgmtLicenseStoreIndex Unsigned32,  
    clmgmtLicenseStoreName SnmpAdminString,  
    clmgmtLicenseStoreTotalSize Unsigned32,



```
    clmgmtLicenseStoreSizeRemaining Unsigned32
}
```

clmgmtLicenseStoreIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a license store within the device."

::= { clmgmtLicenseStoreInfoEntry 1 }

clmgmtLicenseStoreName OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the name of the license store within the device. It is a file in device's local file system i.e., either on a local disk or flash or some other storage media. For example, the value of this object can be 'disk1:lic\_store\_1.txt' or 'flash:lic\_store\_2.txt'"

::= { clmgmtLicenseStoreInfoEntry 2 }

clmgmtLicenseStoreTotalSize OBJECT-TYPE

SYNTAX Unsigned32

UNITS "bytes"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the total number of bytes that are allocated to the license store."

::= { clmgmtLicenseStoreInfoEntry 3 }

clmgmtLicenseStoreSizeRemaining OBJECT-TYPE

SYNTAX Unsigned32

UNITS "bytes"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the number of bytes still remaining to be used for new license installations in the license store."

::= { clmgmtLicenseStoreInfoEntry 4 }

-- License Device Info Table

clmgmtLicenseDeviceInfoTable OBJECT-TYPE  
 SYNTAX SEQUENCE OF ClmgmtLicenseDeviceInfoEntry  
 MAX-ACCESS not-accessible  
 STATUS current  
 DESCRIPTION  
 "This table contains objects that provide licensing related information at the device level. Entries will exist only for entities that support licensing. For example, if it is a stand alone device and supports licensing, then there will be only one entry in this table. If it is stackable switch then there will be multiple entries with one entry for each device in the stack."  
 ::= { clmgmtLicenseInformation 2 }

clmgmtLicenseDeviceInfoEntry OBJECT-TYPE  
 SYNTAX ClmgmtLicenseDeviceInfoEntry  
 MAX-ACCESS not-accessible  
 STATUS current  
 DESCRIPTION  
 "An entry in clmgmtLicenseDeviceInfoTable. Each entry contains device level licensing information for a device."  
 INDEX { entPhysicalIndex }  
 ::= { clmgmtLicenseDeviceInfoTable 1 }

ClmgmtLicenseDeviceInfoEntry ::= SEQUENCE {  
 clmgmtDefaultLicenseStore Unsigned32  
 }

clmgmtDefaultLicenseStore OBJECT-TYPE  
 SYNTAX Unsigned32 (1..4294967295)  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 "This object indicates the clmgmtLicenseStoreIndex of default store in the device. There will be only one default license store per device. If no license store is specified during license install, this default license store will be used."  
 ::= { clmgmtLicenseDeviceInfoEntry 1 }

-- License Info Table

clmgmtLicenseInfoTable OBJECT-TYPE  
 SYNTAX SEQUENCE OF ClmgmtLicenseInfoEntry  
 MAX-ACCESS not-accessible  
 STATUS current

## DESCRIPTION

"This table contains information about all the licenses installed on the device."

::= { clmgmtLicenseInformation 3 }

## clmgmtLicenseInfoEntry OBJECT-TYPE

SYNTAX ClmgmtLicenseInfoEntry

MAX-ACCESS not-accessible

STATUS current

## DESCRIPTION

"An entry in clmgmtLicenseInfoTable. Each entry contains information about a license installed on the device. This entry gets created when a license is installed successfully. Management application can not create these entries directly, but will do so indirectly by executing license install action. Some of these entries may already exist that correspond to demo licenses even before management application installs any licenses."

INDEX {  
    entPhysicalIndex,  
    clmgmtLicenseStoreUsed,  
    clmgmtLicenseIndex  
}

::= { clmgmtLicenseInfoTable 1 }

## ClmgmtLicenseInfoEntry ::= SEQUENCE {

    clmgmtLicenseStoreUsed Unsigned32,  
    clmgmtLicenseIndex ClmgmtLicenseIndex,  
    clmgmtLicenseFeatureName SnmpAdminString,  
    clmgmtLicenseFeatureVersion SnmpAdminString,  
    clmgmtLicenseType INTEGER,  
    clmgmtLicenseCounted TruthValue,  
    clmgmtLicenseValidityPeriod Unsigned32,  
    clmgmtLicenseValidityPeriodRemaining Unsigned32,  
    clmgmtLicenseExpiredPeriod Unsigned32,  
    clmgmtLicenseMaxUsageCount Unsigned32,  
    clmgmtLicenseUsageCountRemaining Unsigned32,  
    clmgmtLicenseEULAStatus TruthValue,  
    clmgmtLicenseComments SnmpAdminString,  
    clmgmtLicenseStatus INTEGER,  
    clmgmtLicenseStartDate DateAndTime,  
    clmgmtLicenseEndDate DateAndTime,  
    clmgmtLicensePeriodUsed Unsigned32

}

## clmgmtLicenseStoreUsed OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object represents the license store that is used for storing this license. This object will have the same value as clmgmtLicenseStoreIndex in clmgmtLicenseStoreInfoEntry of the license store used."

::= { clmgmtLicenseInfoEntry 1 }

clmgmtLicenseIndex OBJECT-TYPE

SYNTAX ClmgmtLicenseIndex

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a license within the device."

::= { clmgmtLicenseInfoEntry 2 }

clmgmtLicenseFeatureName OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..128))

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the name of the feature that is using or can use this license. A license can be used by only one feature. Examples of feature name are: 'IPBASE', 'ADVIPSERVICE'."

::= { clmgmtLicenseInfoEntry 3 }

clmgmtLicenseFeatureVersion OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..128))

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the version of the feature that is using or can use this license. Examples of feature version are: '1.0', '2.0'"

::= { clmgmtLicenseInfoEntry 4 }

clmgmtLicenseType OBJECT-TYPE

SYNTAX INTEGER {  
demo(1),  
extension(2),  
gracePeriod(3),  
permanent(4),  
paidSubscription(5),  
evaluationSubscription(6),  
extensionSubscription(7),  
evalRightToUse(8),

```
        rightToUse(9),
        permanentRightToUse(10)
    }
```

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object identifies type of license. Licenses may have validity period defined in terms of time duration that the license is valid for or it may be defined in terms of actual calendar dates. Subscription licenses are licenses that have validity period defined in terms of calendar dates.

demo(1) - demo(evaluation license) license.

extension(2) - Extension(expiring) license.

gracePeriod(3) - Grace period license.

permanent(4) - permanent license, the license has no expiry date.

paidSubscription(5) - Paid subscription licenses are the licenses

which are purchased by customers. These licenses have a start date and end date associated with them.

evaluationSubscription(6)-Evaluation subscription licenses are the trial licenses. These licenses are node locked and it can be obtained only once for an UDI. They are valid based on calendar days. These licenses have a start date and an end date associated with them and are issued once per UDI.

extensionSubscription(7)- Extension subscription licenses are similar to evaluation subscription licenses but these licenses are issued based on customer request. There are no restrictions on the number of licenses available for a UDI.

evalRightToUse(8) - Evaluation Right to use (RTU) license.

rightToUse(9) - Right to use (RTU) license.

permanentRightToUse(10) ? Right To Use license right after it is configured and is valid for the lifetime of the product.  
This is a Right To Use license which is not in evaluation mode for a limited time."

```
::= { clmgmtLicenseInfoEntry 5 }
```

clmgmtLicenseCounted OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates whether the license is counted  
license.  
true(1) - counted license  
false(2) - uncounted license"  
::= { clmgmtLicenseInfoEntry 6 }

#### clmgmtLicenseValidityPeriod OBJECT-TYPE

SYNTAX Unsigned32  
UNITS "seconds"  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the time period the license is valid for.  
This object is applicable only if clmgmtLicenseType is demo(1),  
or extension(2) or gracePeriod(3) or evalRightToUse(8). The  
object will return 0 for other license types."  
::= { clmgmtLicenseInfoEntry 7 }

#### clmgmtLicenseValidityPeriodRemaining OBJECT-TYPE

SYNTAX Unsigned32  
UNITS "seconds"  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the time period remaining before the  
license expires or transitions to rightToUse(9) license. This  
object is applicable only if clmgmtLicenseType is demo(1), or  
extension(2) or gracePeriod(3) or evalRightToUse(8). The object  
will contain 0 for other license types."  
::= { clmgmtLicenseInfoEntry 8 }

#### clmgmtLicenseExpiredPeriod OBJECT-TYPE

SYNTAX Unsigned32  
UNITS "seconds"  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the elapsed time period since the license  
expired. This object is applicable only if clmgmtLicenseType  
is demo(1), or extension(2) or gracePeriod(3). Also, this  
value of this object will be valid only after the license  
expires. The object will return 0 for other license types  
or before the license expiry."  
::= { clmgmtLicenseInfoEntry 9 }

clmgmtLicenseMaxUsageCount OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the maximum number of entities that can use this license. This object is applicable only if clmgmtLicenseCounted is true(1). The entity that is being counted can be anything and it depends on the licensable feature."

::= { clmgmtLicenseInfoEntry 10 }

clmgmtLicenseUsageCountRemaining OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the number of entities that can still use this license. This object is applicable only if clmgmtLicenseCounted is true(1)."

::= { clmgmtLicenseInfoEntry 11 }

clmgmtLicenseEULAStatus OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates whether the user accepted End User License Agreement for this license.

true(1) - EULA accepted

false(2) - EULA not accepted"

::= { clmgmtLicenseInfoEntry 12 }

clmgmtLicenseComments OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..255))

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This object represents the user modifiable comments about the license. This object is initially populated with comments from the license file."

::= { clmgmtLicenseInfoEntry 13 }

clmgmtLicenseStatus OBJECT-TYPE

SYNTAX INTEGER {

inactive(1),

notInUse(2),

```

        inUse(3),
        expiredInUse(4),
        expiredNotInUse(5),
        usageCountConsumed(6)
    }
MAX-ACCESS    read-only
STATUS        current
DESCRIPTION

```

"This object represents status of the license.

```

inactive(1)    - license is installed, but
                not active.
notInUse(2)    - license is installed and
                available for use.
inUse(3)       - the license is being used (by
                a feature).
expiredInUse(4) - license is expired but still
                being held by the feature.
expiredNotInUse(5) - license is expired and not being
                held by any feature.
usageCountConsumed(6) - number of entities using this
                licenses has reached the allowed
                limit, no new entities are allowed
                to use this license."

```

```
 ::= { clmgmtLicenseInfoEntry 14 }
```

clmgmtLicenseStartDate OBJECT-TYPE

```

SYNTAX        DateAndTime
MAX-ACCESS    read-only
STATUS        current
DESCRIPTION

```

"This object indicates the start date for a subscription license. It is optional for subscription licenses to have a start date associated with them, they may only have an end date associated with them. This object may be applicable only when clmgmtLicenseType is paidSubscription(5), evaluationSubscription(6) or extensionSubscription (7). The object will contain an octet string of length 0 when it is not applicable."

```
 ::= { clmgmtLicenseInfoEntry 15 }
```

clmgmtLicenseEndDate OBJECT-TYPE

```

SYNTAX        DateAndTime
MAX-ACCESS    read-only
STATUS        current
DESCRIPTION

```

"This object indicates the end date for a subscription license. This object is applicable only when clmgmtLicenseType is



paidSubscription(5), evaluationSubscription(6) or extensionSubscription (7). The object will contain an octet string of length 0 when it is not applicable."  
 ::= { clmgmtLicenseInfoEntry 16 }

clmgmtLicensePeriodUsed OBJECT-TYPE

SYNTAX Unsigned32  
UNITS "seconds"  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
"This object indicates the time period used for the Right to use (RTU) licenses. This object is applicable for all RTU licenses."  
 ::= { clmgmtLicenseInfoEntry 17 }

-- Licensable features information table.

clmgmtLicensableFeatureTable OBJECT-TYPE

SYNTAX SEQUENCE OF ClmgmtLicensableFeatureEntry  
MAX-ACCESS not-accessible  
STATUS current  
DESCRIPTION  
"This table contains list of licensable features in the image. All the licensable features will have an entry each in this table irrespective of whether they are using any licenses currently. Entries in this table are created by the agent one for each licensable feature in the image. These entries remain in the table permanently and can not be deleted. Management application can not create or delete entries from this table."  
 ::= { clmgmtLicenseInformation 4 }

clmgmtLicensableFeatureEntry OBJECT-TYPE

SYNTAX ClmgmtLicensableFeatureEntry  
MAX-ACCESS not-accessible  
STATUS current  
DESCRIPTION  
"An entry in clmgmtLicensableFeatureTable. Each entry represents a licensable feature."  
INDEX {  
entPhysicalIndex,  
clmgmtFeatureIndex  
}  
 ::= { clmgmtLicensableFeatureTable 1 }

ClmgmtLicensableFeatureEntry ::= SEQUENCE {

```

clmgmtFeatureIndex      Unsigned32,
clmgmtFeatureName       SnmpAdminString,
clmgmtFeatureVersion    SnmpAdminString,
clmgmtFeatureValidityPeriodRemaining Unsigned32,
clmgmtFeatureWhatIsCounted SnmpAdminString,
clmgmtFeatureStartDate  DateAndTime,
clmgmtFeatureEndDate    DateAndTime,
clmgmtFeaturePeriodUsed Unsigned32
}

```

clmgmtFeatureIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a licensable feature in the device."

::= { clmgmtLicensableFeatureEntry 1 }

clmgmtFeatureName OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..128))

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the name of the licensable feature in the device. Examples of feature names are: 'IPBASE', 'ADVIPSERVICE'"

::= { clmgmtLicensableFeatureEntry 2 }

clmgmtFeatureVersion OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..32))

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the version of the licensable feature in the device. Examples of feature versions are: '1.0' or '2.0'"

::= { clmgmtLicensableFeatureEntry 3 }

clmgmtFeatureValidityPeriodRemaining OBJECT-TYPE

SYNTAX Unsigned32

UNITS "seconds"

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the time period remaining before the feature's license expires or transitions. This object is applicable only if clmgmtLicenseType of the license used by

this feature is demo(1), or extension(2) or gracePeriod(3) or evalRightToUse(8).

The object will contain 0 if other types of license is used or if the feature does not use any license. If the feature is using multiple licenses, this period will represent the cumulative period remaining from all the licenses used by this feature."

::= { clmgmtLicensableFeatureEntry 4 }

clmgmtFeatureWhatIsCounted OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..128))

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object represents the entity that is being counted by this feature. Examples of entities are IP Phones, number of sessions etc. This object is only applicable for features that use counting licenses. For other features, this object will return empty string."

::= { clmgmtLicensableFeatureEntry 5 }

clmgmtFeatureStartDate OBJECT-TYPE

SYNTAX DateAndTime

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the license start date of the feature. This object is applicable if at least one of the licenses used for this feature has a valid start date. The start date will be the earliest of the valid start dates of all the licenses used for this feature. If none of the licenses used for this feature have a valid start date then this object will contain an octet string of length 0."

::= { clmgmtLicensableFeatureEntry 6 }

clmgmtFeatureEndDate OBJECT-TYPE

SYNTAX DateAndTime

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the license end date of the feature. This object is applicable if at least one of the licenses used for this feature has a valid end date. The end date will be the latest of the valid end dates of all the licenses used for this feature. If none of the licenses used for this feature have a valid end date then this object will contain an octet string of length 0."

```
::= { clmgmtLicensableFeatureEntry 7 }
```

```
clmgmtFeaturePeriodUsed OBJECT-TYPE
```

```
SYNTAX      Unsigned32
```

```
UNITS       "seconds"
```

```
MAX-ACCESS  read-only
```

```
STATUS      current
```

```
DESCRIPTION
```

```
    "This object indicates the license period used for the feature."
```

```
::= { clmgmtLicensableFeatureEntry 8 }
```

```
-- MIB objects for exporting device credentials
```

```
clmgmtNextFreeDevCredExportActionIndex OBJECT-TYPE
```

```
SYNTAX      Unsigned32
```

```
MAX-ACCESS  read-only
```

```
STATUS      current
```

```
DESCRIPTION
```

```
    "This object contains appropriate value for  
    clmgmtDevCredExportActionIndex that can be used to create  
    an entry in clmgmtDevCredExportActionTable. The management  
    application should read this object first and then use this  
    as the value for clmgmtDevCredExportActionIndex to avoid  
    collisions when creating entries in  
    clmgmtDevCredExportActionTable. Following this approach does  
    not guarantee collision free row creation, but will reduce  
    the probability. The collision will happen if two  
    management applications read this object at the same time and  
    attempt to create an entry with this value at the same time.  
    In this case, the management application whose request is  
    processed after the first request will get an error and the  
    process of reading this object and entry creation needs to be  
    repeated."
```

```
::= { clmgmtLicenseDeviceInformation 1 }
```

```
-- Table for triggering action to export device credentials.
```

```
clmgmtDevCredExportActionTable OBJECT-TYPE
```

```
SYNTAX      SEQUENCE OF ClmgmtDevCredExportActionEntry
```

```
MAX-ACCESS  not-accessible
```

```
STATUS      current
```

```
DESCRIPTION
```

```
    "A table for triggering device credentials export action.
```

```
    Management application must create this entry to trigger the  
    export of device credentials from the device to a file.
```

```
    Once the request completes, the management application should
```

retrieve the values of the objects of interest, and then delete the entry. In order to prevent old entries from clogging the table, entries will be aged out, but an entry will never be deleted within 5 minutes of completion."

::= { clmgmtLicenseDeviceInformation 2 }

clmgmtDevCredExportActionEntry OBJECT-TYPE

SYNTAX ClmgmtDevCredExportActionEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry for each device credential export action that is being executed or was executed recently. The management application triggers the export by creating an entry in this table. This can be done in the following 2 methods

1. CREATE-AND-GO method

Management application sets clmgmtDevCredExportActionStatus to createAndGo(4) and all other required objects to valid values in a single SNMP SET request. If all the values are valid, the device creates the entry and executes the action. If the SET request fails, the entry will not be created.

2. CREATE-AND-WAIT method

Management application sets clmgmtDevCredExportActionStatus to createAndWait(5) to create an entry. Management application can set all other required objects to valid values in more than one SNMP SET request. If SET request for any of the objects fails, management application can set just only that object. Once all the required objects are set to valid values, management application triggers action execution by setting clmgmtDevCredExportActionStatus to active(1).

To stop the action from being executed, the management application can delete the entry by setting clmgmtDevCredExportActionStatus to destroy(6) when clmgmtDevCredCommandState is pending(2).

The status of action execution can be known by querying clmgmtDevCredCommandState. If the action is still in pending(2) or inProgress(3), the management application need to check back again after few seconds. Once the action completes and if status of the action is failed(6), the reason for failure can be retrieved from clmgmtDevCredCommandFailCause.

Entry can be deleted except when clmgmtLicenseAction is set to inProgress(3). All entries in this table are volatile and are cleared on agent reset."

```
INDEX      { clmgmtDevCredExportActionIndex }
 ::= { clmgmtDevCredExportActionTable 1 }
```

```
ClmgmtDevCredExportActionEntry ::= SEQUENCE {
    clmgmtDevCredExportActionIndex Unsigned32,
    clmgmtDevCredEntPhysicalIndex PhysicalIndexOrZero,
    clmgmtDevCredTransferProtocol ClmgmtLicenseTransferProtocol,
    clmgmtDevCredServerAddressType InetAddressType,
    clmgmtDevCredServerAddress InetAddress,
    clmgmtDevCredServerUsername SnmpAdminString,
    clmgmtDevCredServerPassword SnmpAdminString,
    clmgmtDevCredExportFile SnmpAdminString,
    clmgmtDevCredCommand INTEGER,
    clmgmtDevCredCommandState ClmgmtLicenseActionState,
    clmgmtDevCredCommandFailCause INTEGER,
    clmgmtDevCredStorageType StorageType,
    clmgmtDevCredRowStatus RowStatus
}
```

clmgmtDevCredExportActionIndex OBJECT-TYPE

SYNTAX Unsigned32 (1..4294967295)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object uniquely identifies a row in clmgmtDevCredExportActionTable. The management application chooses this value by reading clmgmtNextFreeDevCredExportActionIndex while creating an entry in this table. If an entry already exists with this index, the creation of the entry will not continue and error will be returned. The management application should read the value of clmgmtNextFreeDevCredExportActionIndex again and retry with the new value for this object."

```
::= { clmgmtDevCredExportActionEntry 1 }
```

clmgmtDevCredEntPhysicalIndex OBJECT-TYPE

SYNTAX PhysicalIndexOrZero

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object represents the entPhysicalIndex of the device for which the device credentials are being retrieved. This object is mainly used in devices where one device is acting as a master and rest of the devices as slaves. The master device is responsible for SNMP communication with the manager. Examples include stackable switches, devices with router processor and line cards.

Note: This object need not be set if it is a stand alone device"

DEFVAL { 0 }  
::= { clmgmtDevCredExportActionEntry 2 }

clmgmtDevCredTransferProtocol OBJECT-TYPE

SYNTAX ClmgmtLicenseTransferProtocol

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the transfer protocol to be used when copying files as specified in the following objects.

1. clmgmtDevCredExportFile

."

DEFVAL { none }  
::= { clmgmtDevCredExportActionEntry 3 }

clmgmtDevCredServerAddressType OBJECT-TYPE

SYNTAX InetAddressType

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the transport type of the address contained in clmgmtDevCredServerAddress object.

This must be set when clmgmtDevCredTransferProtocol is not none(1) or local(2)."

DEFVAL { unknown }  
::= { clmgmtDevCredExportActionEntry 4 }

clmgmtDevCredServerAddress OBJECT-TYPE

SYNTAX InetAddress

MAX-ACCESS read-create

STATUS current

DESCRIPTION

"This object indicates the the ip address of the server from which the files must be read or written to if clmgmtDevCredTransferProtocol is not none(1) or local(2).

All bits as 0s or 1s for clmgmtDevCredServerAddress are not allowed.

The format of this address depends on the value of the clmgmtDevCredServerAddressType object"

DEFVAL { "" }  
::= { clmgmtDevCredExportActionEntry 5 }

clmgmtDevCredServerUsername OBJECT-TYPE

SYNTAX SnmpAdminString (SIZE (0..96))

MAX-ACCESS read-create  
 STATUS current  
 DESCRIPTION  
 "This object indicates the remote user name for accessing files via ftp, rcp, sftp or scp protocols. This object must be set when the clmgmtDevCredTransferProtocol is ftp(4), rcp(5), scp(7) or sftp(8). If clmgmtDevCredTransferProtocol is rcp(5), the remote username is sent as the server username in an rcp command request sent by the system to a remote rcp server."  
 DEFVAL { "" }  
 ::= { clmgmtDevCredExportActionEntry 6 }

clmgmtDevCredServerPassword OBJECT-TYPE  
 SYNTAX SnmpAdminString (SIZE (0..96))  
 MAX-ACCESS read-create  
 STATUS current  
 DESCRIPTION  
 "This object indicates the password used by ftp, sftp or scp for copying a file to/from an ftp/sftp/scp server. This object must be set when the clmgmtDevCredTransferProtocol is ftp(4) or scp(7) or sftp(8). Reading it returns a zero-length string for security reasons."  
 DEFVAL { "" }  
 ::= { clmgmtDevCredExportActionEntry 7 }

clmgmtDevCredExportFile OBJECT-TYPE  
 SYNTAX SnmpAdminString (SIZE (0..255))  
 MAX-ACCESS read-create  
 STATUS current  
 DESCRIPTION  
 "This object represents file where device credentials needs to be exported to."  
 ::= { clmgmtDevCredExportActionEntry 8 }

clmgmtDevCredCommand OBJECT-TYPE  
 SYNTAX INTEGER {  
     noOp(1),  
     getDeviceCredentials(2)  
 }  
 MAX-ACCESS read-create  
 STATUS current  
 DESCRIPTION  
 "This object indicates the the command to be executed.

| Command | Remarks |
|---------|---------|
| -----   | -----   |



noOp(1)                    No operation will be performed.

getDeviceCredentials(2)    Exports device credentials"  
DEFVAL            { noOp }  
::= { clmgmtDevCredExportActionEntry 9 }

clmgmtDevCredCommandState OBJECT-TYPE

SYNTAX            ClmgmtLicenseActionState

MAX-ACCESS       read-only

STATUS            current

DESCRIPTION

"This object indicates the state of the action that is executed as a result of setting clmgmtDevCredRowStatus to active(1)."

::= { clmgmtDevCredExportActionEntry 10 }

clmgmtDevCredCommandFailCause OBJECT-TYPE

SYNTAX            INTEGER {  
                  none(1),  
                  unknownError(2),  
                  transferProtocolNotSupported(3),  
                  fileServerNotReachable(4),  
                  unrecognizedEntPhysicalIndex(5),  
                  invalidFile(6)  
                  }

MAX-ACCESS       read-only

STATUS            current

DESCRIPTION

"This object indicates the the reason for device credentials export operation failure.

The value of this object is valid only when clmgmtDevCredCommandState is failed(6).

none(1)            - action execution has not started yet.

If the action is completed and the action is successful, then also none(1) is returned to indicate that there are no errors.

unknownError(2) - reason for failure is unknown, operation failed, no operation is performed

transferProtocolNotSupported(3) - clmgmtDevCredTransferProtocol given is not supported.

fileServerNotReachable(4)    - file server is not reachable.

unrecognizedEntPhysicalIndex(5) - entPhysicalIndex is not valid

invalidFile(6) - The target file specified is not valid."  
::= { clmgmtDevCredExportActionEntry 11 }

clmgmtDevCredStorageType OBJECT-TYPE

SYNTAX StorageType  
MAX-ACCESS read-create  
STATUS current  
DESCRIPTION

"This object indicates the storage type for this conceptual row. Conceptual rows having the value 'permanent' need not allow write-access to any columnar objects in the row."

DEFVAL { volatile }  
::= { clmgmtDevCredExportActionEntry 12 }

clmgmtDevCredRowStatus OBJECT-TYPE

SYNTAX RowStatus  
MAX-ACCESS read-create  
STATUS current  
DESCRIPTION

"This object indicates the the status of this table entry. Once the entry status is set to active(1), the associated entry cannot be modified until the action completes (clmgmtDevCredCommandStatus is set to a value other than inProgress(3)). Once the action completes the only operation possible after this is to delete the row.

clmgmtDevCredExportFile is a mandatory object to be set when creating this entry."

::= { clmgmtDevCredExportActionEntry 13 }

-- Objects for enabling/disabling notifications

clmgmtLicenseUsageNotifEnable OBJECT-TYPE

SYNTAX TruthValue  
MAX-ACCESS read-write  
STATUS current  
DESCRIPTION

"This object indicates whether the device should generate the notifications related to usage of licenses. This object enables/disables sending following notifications:

- clmgmtLicenseExpired
- clmgmtLicenseExpiryWarning
- clmgmtLicenseUsageCountExceeded
- clmgmtLicenseUsageCountAboutToExceed
- clmgmtLicenseSubscriptionExpiryWarning

```
    clmgmtLicenseSubscriptionExtExpiryWarning
    clmgmtLicenseSubscriptionExpired
    clmgmtLicenseEvalRTUTransitionWarning
    clmgmtLicenseEvalRTUTransition"
DEFVAL      { true }
::= { clmgmtLicenseNotifObjects 1 }
```

clmgmtLicenseDeploymentNotifEnable OBJECT-TYPE

```
SYNTAX      TruthValue
MAX-ACCESS  read-write
STATUS      current
DESCRIPTION
```

"This object indicates whether the device should generate notifications related to license deployment. This object enables/disables sending following notifications:

```
    clmgmtLicenseInstalled
    clmgmtLicenseCleared
    clmgmtLicenseRevoked
    clmgmtLicenseEULAAccepted"
```

```
DEFVAL      { true }
::= { clmgmtLicenseNotifObjects 2 }
```

clmgmtLicenseErrorNotifEnable OBJECT-TYPE

```
SYNTAX      TruthValue
MAX-ACCESS  read-write
STATUS      current
DESCRIPTION
```

"This object indicates whether the device should generate notifications related to error conditions in enforcing licensing. This object enables/disables sending following notifications:

```
    clmgmtLicenseNotEnforced"
```

```
DEFVAL      { true }
::= { clmgmtLicenseNotifObjects 3 }
```

-- Notifications

clmgmtLicenseExpired NOTIFICATION-TYPE

```
OBJECTS     {
    clmgmtFeatureName,
    clmgmtFeatureVersion
}
```

```
STATUS      current
```

```
DESCRIPTION
```

"This notification is sent, when a feature license expires. This notification will be sent continuously every week even after the expiry to alert the management application."

```
::= { ciscoLicenseMgmtMIBNotifs 1 }
```

#### clmgmtLicenseExpiryWarning NOTIFICATION-TYPE

```
OBJECTS    {  
            clmgmtFeatureName,  
            clmgmtFeatureVersion,  
            clmgmtFeatureValidityPeriodRemaining  
        }
```

```
STATUS     current
```

#### DESCRIPTION

"This notification is sent when a license is about to expire. This notification will go out multiple times. First notification goes out when expiry day is 4 weeks ahead, second notification when expiry day is 3 weeks ahead, third notification when expiry day is 2 weeks ahead. This notification will go out daily in the last week of license expiry."

```
::= { ciscoLicenseMgmtMIBNotifs 2 }
```

#### clmgmtLicenseUsageCountExceeded NOTIFICATION-TYPE

```
OBJECTS    {  
            clmgmtLicenseFeatureName,  
            clmgmtLicenseFeatureVersion,  
            clmgmtLicenseMaxUsageCount,  
            clmgmtFeatureWhatIsCounted,  
            clmgmtLicenseComments  
        }
```

```
STATUS     current
```

#### DESCRIPTION

"This notification is sent when clmgmtLicenseUsageCountRemaining has reached clmgmtLicenseMaxUsageCount for a counting license."

```
::= { ciscoLicenseMgmtMIBNotifs 3 }
```

#### clmgmtLicenseUsageCountAboutToExceed NOTIFICATION-TYPE

```
OBJECTS    {  
            clmgmtLicenseFeatureName,  
            clmgmtLicenseFeatureVersion,  
            clmgmtLicenseMaxUsageCount,  
            clmgmtLicenseUsageCountRemaining,  
            clmgmtFeatureWhatIsCounted,  
            clmgmtLicenseComments  
        }
```

```
STATUS     current
```

#### DESCRIPTION

"This notification is sent when clmgmtLicenseUsageCountRemaining has reached 80% of clmgmtLicenseMaxUsageCount for a counting license. This is a warning notification to the management application that very soon the maximum count will be reached"

and after that the device will not allow new entities to make use of this license."

```
::= { ciscoLicenseMgmtMIBNotifs 4 }
```

clmgmtLicenseInstalled NOTIFICATION-TYPE

```
OBJECTS    {  
            clmgmtLicenseFeatureName,  
            clmgmtLicenseFeatureVersion,  
            clmgmtLicenseType,  
            clmgmtLicenseComments  
        }
```

```
STATUS     current
```

DESCRIPTION

"This notification is sent when a license is installed successfully."

```
::= { ciscoLicenseMgmtMIBNotifs 5 }
```

clmgmtLicenseCleared NOTIFICATION-TYPE

```
OBJECTS    {  
            clmgmtLicenseFeatureName,  
            clmgmtLicenseFeatureVersion,  
            clmgmtLicenseType,  
            clmgmtLicenseComments  
        }
```

```
STATUS     current
```

DESCRIPTION

"This notification is sent when a license is cleared successfully."

```
::= { ciscoLicenseMgmtMIBNotifs 6 }
```

clmgmtLicenseRevoked NOTIFICATION-TYPE

```
OBJECTS    {  
            clmgmtLicenseFeatureName,  
            clmgmtLicenseFeatureVersion,  
            clmgmtLicenseType,  
            clmgmtLicenseComments  
        }
```

```
STATUS     current
```

DESCRIPTION

"This notification is sent when a license is revoked successfully."

```
::= { ciscoLicenseMgmtMIBNotifs 7 }
```

clmgmtLicenseEULAAccepted NOTIFICATION-TYPE

```
OBJECTS    {  
            clmgmtFeatureName,  
            clmgmtFeatureVersion  
        }
```

STATUS current  
DESCRIPTION  
"This notification is sent when a user accepts End User License Agreement (EULA) for a license."  
::= { ciscoLicenseMgmtMIBNotifs 8 }

clmgmtLicenseNotEnforced NOTIFICATION-TYPE

OBJECTS {  
    clmgmtFeatureName,  
    clmgmtFeatureVersion  
}

STATUS current

DESCRIPTION  
"This notification is sent when a license does not exist for a feature, but the feature is a mandatory feature and it should run. This notification will be sent out periodically to indicate that there is no license installed for this feature and it needs to be done as soon as possible."  
::= { ciscoLicenseMgmtMIBNotifs 9 }

clmgmtLicenseSubscriptionExpiryWarning NOTIFICATION-TYPE

OBJECTS {  
    clmgmtFeatureName,  
    clmgmtFeatureVersion,  
    clmgmtFeatureEndDate  
}

STATUS current

DESCRIPTION  
"This notification is sent when a subscription license of a feature is about to expire. This notification will be sent as per the following schedule:  
Once a week for the last eight weeks  
Once a day for the last week  
Once a hour for the last day"  
::= { ciscoLicenseMgmtMIBNotifs 10 }

clmgmtLicenseSubscriptionExtExpiryWarning NOTIFICATION-TYPE

OBJECTS {  
    clmgmtFeatureName,  
    clmgmtFeatureVersion,  
    clmgmtFeatureEndDate  
}

STATUS current

DESCRIPTION  
"This notification is sent when the subscription license end date of a feature is reached but extension period is left. This notification will be sent once a day after the license end date

```

    is reached."
 ::= { ciscoLicenseMgmtMIBNotifs 11 }

clmgmtLicenseSubscriptionExpired NOTIFICATION-TYPE
OBJECTS    {
    clmgmtFeatureName,
    clmgmtFeatureVersion,
    clmgmtFeatureEndDate
}
STATUS     current
DESCRIPTION
    "This notification will be sent after a subscription license
    of a feature completely expires. It will be sent once a day
    after the license has completely expired"
 ::= { ciscoLicenseMgmtMIBNotifs 12 }

clmgmtLicenseEvalRTUTransitionWarning NOTIFICATION-TYPE
OBJECTS    {
    clmgmtFeatureName,
    clmgmtFeatureVersion,
    clmgmtFeatureValidityPeriodRemaining
}
STATUS     current
DESCRIPTION
    "This notification is sent when Evaluation to Right to use (RTU)
    license transition is about to happen. The first notification
    will be sent 10 days before the transition and second
    notification will be sent 5 days before the transition."
 ::= { ciscoLicenseMgmtMIBNotifs 13 }

clmgmtLicenseEvalRTUTransition NOTIFICATION-TYPE
OBJECTS    {
    clmgmtFeatureName,
    clmgmtFeatureVersion
}
STATUS     current
DESCRIPTION
    "This notification is sent, when a feature license transitions
    from a evaluation to a Right to use (RTU) license."
 ::= { ciscoLicenseMgmtMIBNotifs 14 }
-- Conformance

ciscoLicenseMgmtCompliances OBJECT IDENTIFIER
 ::= { ciscoLicenseMgmtMIBConform 1 }

ciscoLicenseMgmtGroups OBJECT IDENTIFIER
 ::= { ciscoLicenseMgmtMIBConform 2 }

```

ciscoLicenseMgmtCompliance MODULE-COMPLIANCE

STATUS deprecated

DESCRIPTION

"Compliance statement for Cisco license mgmt MIB."

MODULE -- this module

MANDATORY-GROUPS {

    clmgmtLicenseDeploymentGroup,  
    clmgmtLicenseDeviceInformationGroup,  
    clmgmtLicenseInformationGroup,  
    clmgmtLicensableFeatureInformationGroup,  
    clmgmtLicenseDevCredGroup,  
    clmgmtLicenseNotificationEnableGroup,  
    clmgmtLicenseUsageNotifGroup,  
    clmgmtLicenseDeploymentNotifGroup,  
    clmgmtLicenseErrorNotifGroup  
}

GROUP clmgmtLicenseStoreInformationGroup

DESCRIPTION

"This group is mandatory for all devices where  
multiple license stores are supported."

::= { ciscoLicenseMgmtCompliances 1 }

ciscoLicenseMgmtComplianceRev1 MODULE-COMPLIANCE

STATUS current

DESCRIPTION

"Compliance statement for Cisco license mgmt MIB."

MODULE -- this module

MANDATORY-GROUPS {

    clmgmtLicenseDeploymentGroup,  
    clmgmtLicenseDeviceInformationGroup,  
    clmgmtLicenseInformationGroup,  
    clmgmtLicensableFeatureInformationGroup,  
    clmgmtLicenseDevCredGroup,  
    clmgmtLicenseNotificationEnableGroup,  
    clmgmtLicenseUsageNotifGroup,  
    clmgmtLicenseDeploymentNotifGroup,  
    clmgmtLicenseErrorNotifGroup  
}

GROUP clmgmtLicenseStoreInformationGroup

DESCRIPTION

"This group is mandatory for all devices where  
multiple license stores are supported."

GROUP clmgmtLicenseSubscriptionGroup

DESCRIPTION



"This object group is mandatory for all devices that support subscription licensing."

GROUP clmgmtLicenseSubscriptionUsageNotifGroup  
DESCRIPTION

"This notification group is mandatory for all devices that support subscription licensing."

GROUP clmgmtLicenseRTUGroup  
DESCRIPTION

"This object group is mandatory for all devices that support Right to Use (RTU) licensing."

GROUP clmgmtLicenseRTUUsageNotifGroup  
DESCRIPTION

"This notification group is mandatory for all devices that support Right to use (RTU) licensing."

::= { ciscoLicenseMgmtCompliances 2 }

-- Units of Conformance

clmgmtLicenseDeploymentGroup OBJECT-GROUP

```
OBJECTS {
    clmgmtNextFreeLicenseActionIndex,
    clmgmtLicenseActionEntPhysicalIndex,
    clmgmtLicenseActionTransferProtocol,
    clmgmtLicenseServerAddressType,
    clmgmtLicenseServerAddress,
    clmgmtLicenseServerUsername,
    clmgmtLicenseServerPassword,
    clmgmtLicenseFile,
    clmgmtLicenseStore,
    clmgmtLicenseActionLicenseIndex,
    clmgmtLicensePermissionTicketFile,
    clmgmtLicenseRehostTicketFile,
    clmgmtLicenseBackupFile,
    clmgmtLicenseStopOnFailure,
    clmgmtLicenseAction,
    clmgmtLicenseActionState,
    clmgmtLicenseJobQPosition,
    clmgmtLicenseActionFailCause,
    clmgmtLicenseActionStorageType,
    clmgmtLicenseActionRowStatus,
    clmgmtLicenseIndivActionState,
    clmgmtLicenseIndivActionFailCause,
    clmgmtLicenseAcceptEULA,
    clmgmtLicenseEULAFile
}
```

STATUS current  
DESCRIPTION  
"A collection of objects for performing license deployment  
i.e., license installation, clear and revoke"  
::= { ciscoLicenseMgmtGroups 1 }

clmgmtLicenseStoreInformationGroup OBJECT-GROUP

OBJECTS {  
clmgmtLicenseStoreName,  
clmgmtLicenseStoreTotalSize,  
clmgmtLicenseStoreSizeRemaining  
}

STATUS current  
DESCRIPTION  
"A collection of objects that provide information about  
license storages in the device."  
::= { ciscoLicenseMgmtGroups 2 }

clmgmtLicenseDeviceInformationGroup OBJECT-GROUP

OBJECTS { clmgmtDefaultLicenseStore }

STATUS current  
DESCRIPTION  
"A collection of objects that provide information about  
device level licensing support information in the device."  
::= { ciscoLicenseMgmtGroups 3 }

clmgmtLicenseInformationGroup OBJECT-GROUP

OBJECTS {  
clmgmtLicenseFeatureName,  
clmgmtLicenseFeatureVersion,  
clmgmtLicenseType,  
clmgmtLicenseCounted,  
clmgmtLicenseValidityPeriod,  
clmgmtLicenseValidityPeriodRemaining,  
clmgmtLicenseExpiredPeriod,  
clmgmtLicenseMaxUsageCount,  
clmgmtLicenseUsageCountRemaining,  
clmgmtLicenseEULAStatus,  
clmgmtLicenseComments,  
clmgmtLicenseStatus  
}

STATUS current  
DESCRIPTION  
"A collection of objects that provide information about  
licenses and its state."  
::= { ciscoLicenseMgmtGroups 4 }

clmgmtLicensableFeatureInformationGroup OBJECT-GROUP

```

OBJECTS    {
    clmgmtFeatureName,
    clmgmtFeatureVersion,
    clmgmtFeatureValidityPeriodRemaining,
    clmgmtFeatureWhatIsCounted
}
STATUS     current
DESCRIPTION
    "A collection of objects that provide information about
    licensable features in the software image."
::= { ciscoLicenseMgmtGroups 5 }

```

clmgmtLicenseDevCredGroup OBJECT-GROUP

```

OBJECTS    {
    clmgmtNextFreeDevCredExportActionIndex,
    clmgmtDevCredEntPhysicalIndex,
    clmgmtDevCredTransferProtocol,
    clmgmtDevCredServerAddressType,
    clmgmtDevCredServerAddress,
    clmgmtDevCredServerUsername,
    clmgmtDevCredServerPassword,
    clmgmtDevCredExportFile,
    clmgmtDevCredCommand,
    clmgmtDevCredCommandState,
    clmgmtDevCredCommandFailCause,
    clmgmtDevCredStorageType,
    clmgmtDevCredRowStatus
}
STATUS     current
DESCRIPTION
    "A collection of objects for exporting device credentials
    from the device."
::= { ciscoLicenseMgmtGroups 6 }

```

clmgmtLicenseNotificationEnableGroup OBJECT-GROUP

```

OBJECTS    {
    clmgmtLicenseUsageNotifEnable,
    clmgmtLicenseDeploymentNotifEnable,
    clmgmtLicenseErrorNotifEnable
}
STATUS     current
DESCRIPTION
    "A collection of objects for controlling
    (enabling/disabling) license notifications to a management
    application."
::= { ciscoLicenseMgmtGroups 7 }

```

clmgmtLicenseUsageNotifGroup NOTIFICATION-GROUP

```
NOTIFICATIONS {
    clmgmtLicenseExpired,
    clmgmtLicenseExpiryWarning,
    clmgmtLicenseUsageCountExceeded,
    clmgmtLicenseUsageCountAboutToExceed
}
```

```
STATUS current
```

```
DESCRIPTION
```

```
"A collection of notifications related to license usage."
```

```
::= { ciscoLicenseMgmtGroups 8 }
```

```
clmgmtLicenseDeploymentNotifGroup NOTIFICATION-GROUP
```

```
NOTIFICATIONS {
    clmgmtLicenseInstalled,
    clmgmtLicenseCleared,
    clmgmtLicenseRevoked,
    clmgmtLicenseEULAAccepted
}
```

```
STATUS current
```

```
DESCRIPTION
```

```
"A collection of notifications related to license deployment."
```

```
::= { ciscoLicenseMgmtGroups 9 }
```

```
clmgmtLicenseErrorNotifGroup NOTIFICATION-GROUP
```

```
NOTIFICATIONS { clmgmtLicenseNotEnforced }
```

```
STATUS current
```

```
DESCRIPTION
```

```
"A collection of notifications related to license errors."
```

```
::= { ciscoLicenseMgmtGroups 10 }
```

```
clmgmtLicenseSubscriptionGroup OBJECT-GROUP
```

```
OBJECTS {
    clmgmtLicenseStartDate,
    clmgmtLicenseEndDate,
    clmgmtFeatureStartDate,
    clmgmtFeatureEndDate
}
```

```
STATUS current
```

```
DESCRIPTION
```

```
"A collection of objects that provide information specific to
subscription licenses."
```

```
::= { ciscoLicenseMgmtGroups 11 }
```

```
clmgmtLicenseSubscriptionUsageNotifGroup NOTIFICATION-GROUP
```

```
NOTIFICATIONS {
    clmgmtLicenseSubscriptionExpiryWarning,
    clmgmtLicenseSubscriptionExtExpiryWarning,
    clmgmtLicenseSubscriptionExpired
}
```

```

    }
    STATUS      current
    DESCRIPTION
        "A collection of notifications related to usage of subscription
        licenses."
    ::= { ciscoLicenseMgmtGroups 12 }

clmgmtLicenseRTUGroup OBJECT-GROUP
OBJECTS      {
    clmgmtLicensePeriodUsed,
    clmgmtFeaturePeriodUsed
}
STATUS      current
DESCRIPTION
    "A collection of objects that provide information specific to
    Right to use (RTU) licenses."
    ::= { ciscoLicenseMgmtGroups 13 }

clmgmtLicenseRTUUsageNotifGroup NOTIFICATION-GROUP
NOTIFICATIONS {
    clmgmtLicenseEvalRTUTransitionWarning,
    clmgmtLicenseEvalRTUTransition
}
STATUS      current
DESCRIPTION
    "A collection of notifications related to Right to use (RTU)
    licenses."
    ::= { ciscoLicenseMgmtGroups 14 }

END

--%DNP% MLC -Edit MLC

--%DNP% MTF -TRUE MTF
-- *****
-- CISCO-IMAGE-LICENSE-MGMT-MIB.my: Cisco MIB to manage image level on
-- Cisco devices.
--
-- August 2007, Ganesan Rajam
--
-- Copyright (c) 2006-2007 by Cisco Systems Inc.
-- All rights reserved.
--
-- *****

CISCO-IMAGE-LICENSE-MGMT-MIB DEFINITIONS ::= BEGIN

```

## IMPORTS

```
OBJECT-TYPE,  
MODULE-IDENTITY,  
Unsigned32,  
NOTIFICATION-TYPE  
    FROM SNMPv2-SMI  
MODULE-COMPLIANCE,  
OBJECT-GROUP,  
NOTIFICATION-GROUP  
    FROM SNMPv2-CONF  
TEXTUAL-CONVENTION,  
TruthValue  
    FROM SNMPv2-TC  
SnmAdminString  
    FROM SNMP-FRAMEWORK-MIB  
entPhysicalIndex  
    FROM ENTITY-MIB  
ciscoMgmt  
    FROM CISCO-SMI;
```

ciscoImageLicenseMgmtMIB MODULE-IDENTITY

```
LAST-UPDATED "200710160000Z"  
ORGANIZATION "Cisco Systems Inc."  
CONTACT-INFO  
    "Cisco Systems  
    Customer Service  
    Postal: 170 W Tasman Drive  
    San Jose, CA 95134  
    USA  
    Tel: +1 800 553 -NETS  
    E-mail: cs-snmp@cisco.com"
```

## DESCRIPTION

"The MIB module for managing the running image level of a Cisco device. Cisco's licensing mechanism provides flexibility to run a device on a chosen image level. This mechanism is referred to as image level licensing. Image level licensing leverages the universal image based licensing solution.

The image level licensing mechanism works as follows -

A universal image that contains all levels of software packages is loaded on to the device. At boot time, the device determines the highest level of license and brings up the appropriate software features or subsystems.

The user can configure the image level with which the device has to boot. The system will verify whether the

appropriate license is available for the configured image level. The image level for the next boot will be determined based on the availability of the license. The following scenarios explain some use-cases of image level licensing:

Scenario 1:

- Customer selects advsecurityk9 based image.
- Manufacturing installs advsecurity license on the device.
- This device will run all features that are part of the base advsecurity license.
- Customer upgrades to advservicesk9 license.
- The next boot level is set to advservicesk9.
- The device will run advsecurityk9 feature until the next reboot. After reboot the device will run advservicesk9 features.

Scenario 2:

- Customer selects advservicesk9 based image.
- Manufacturing installs advservices and advsecurity license on the device.
- This device will run all features that are part of the base advservices license.
- No upgrades available for advservices license.

The user has to accept the End User License Agreement(EULA) before using this MIB to configure the image level.

This MIB should be used in conjunction with CISCO-LICENSE-MGMT-MIB module to achieve the image level licensing functionality.

This MIB module defines objects which provides the different image levels supported by the device and the license required to enable a particular image level. It also defines objects to let the user configure the required image level. The MIB module contains notification which will be triggered when the user changes the image level for next boot.

The CISCO-LICENSE-MGMT-MIB module should be used to export the EULA and to configure the required license.

This MIB module is defined generically so it can be used for both stand-alone as well as stackable devices. The entPhysicalIndex imported from ENTITY-MIB is used to identify the device uniquely."

REVISION "200710160000Z"

DESCRIPTION

"Initial version of this MIB module."

::= { ciscoMgmt 640 }

ciscoImageLicenseMgmtMIBNotifs OBJECT IDENTIFIER

::= { ciscoImageLicenseMgmtMIB 0 }

ciscoImageLicenseMgmtMIBObjects OBJECT IDENTIFIER

::= { ciscoImageLicenseMgmtMIB 1 }

ciscoImageLicenseMgmtMIBConform OBJECT IDENTIFIER

::= { ciscoImageLicenseMgmtMIB 2 }

BootImageLevel ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This textual convention is used to define the image level.

If the device is running at advipservices image level, then the boot image level will be 'advipservices'."

SYNTAX OCTET STRING (SIZE (0..255))

LicenseNameList ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This textual convention is used to define the list of license names. If multiple licenses are present then this string will contain all the licenses separated by the ',' character.

If the license required to run a device at advipservices image level is advipservices and advsecurity, then the license name list will be 'advipservices,advsecurity'."

SYNTAX OCTET STRING (SIZE (0..255))

-- Table for executing license management actions.

cilmBootImageLevelTable OBJECT-TYPE

SYNTAX SEQUENCE OF CilmBootImageLevelEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"A table that contains the configuration information of current and next boot image level. This table contains entries for each software module running in an image loaded in the device. The software module is identified by



cilmModuleName and the device is identified by  
entPhysicalIndex."  
 ::= { ciscoImageLicenseMgmtMIBObjects 1 }

cilmBootImageLevelEntry OBJECT-TYPE

SYNTAX CilmBootImageLevelEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in the table for each module containing the list of objects that define the configuration of next boot level. The following information is specified by the objects present in the table.

- Current image level.
- Configured image level for the next boot.
- Actual image level for the next boot.
- License store index for the current license.
- License index of the current license.
- License store index for the next boot license.
- License index of the next boot license."

INDEX {  
    entPhysicalIndex,  
    cilmModuleName  
}

::= { cilmBootImageLevelTable 1 }

CilmBootImageLevelEntry ::= SEQUENCE {  
    cilmModuleName SnmpAdminString,  
    cilmCurrentImageLevel BootImageLevel,  
    cilmConfiguredBootImageLevel BootImageLevel,  
    cilmNextBootImageLevel BootImageLevel,  
    cilmCurrentLicenseStoreIndex Unsigned32,  
    cilmCurrentLicenseIndex Unsigned32,  
    cilmNextBootLicenseStoreIndex Unsigned32,  
    cilmNextBootLicenseIndex Unsigned32  
}

cilmModuleName OBJECT-TYPE

SYNTAX SnmpAdminString

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This object is used as one of the two indices in cilmBootImageLevelTable. This object indicates the module name of the software package. There can be multiple modules in an image performing specific functionality.

For example, in a wireless image there can be two modules

- a base image module and a wireless module."

::= { cilmBootImageLevelEntry 1 }

#### cilmCurrentImageLevel OBJECT-TYPE

SYNTAX BootImageLevel

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object indicates the current image level that the module is running."

::= { cilmBootImageLevelEntry 2 }

#### cilmConfiguredBootImageLevel OBJECT-TYPE

SYNTAX BootImageLevel

MAX-ACCESS read-write

STATUS current

#### DESCRIPTION

"This object indicates the configured image level of the module for the next boot.

Note: The configured next boot image level may not be the actual next boot image level. The actual next boot image level is denoted by cilmNextBootImageLevel which is determined based on the license availability."

::= { cilmBootImageLevelEntry 3 }

#### cilmNextBootImageLevel OBJECT-TYPE

SYNTAX BootImageLevel

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object indicates the next boot image level. The next boot image level can be different from configured level. The next boot image level is determined based on the availability of required license."

::= { cilmBootImageLevelEntry 4 }

#### cilmCurrentLicenseStoreIndex OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object indicates the license store index where the currently used license is stored. This object has the same value as clmgmtLicenseStoreIndex object and uniquely identifies an entry in clmgmtLicenseStoreInfoTable in CISCO-LICENSE-MGMT-MIB.

Note: The license store index can be '0' if no license is installed and device is running base image."

::= { cilmBootImageLevelEntry 5 }

#### cilmCurrentLicenseIndex OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object indicates the license index of the currently used license. This object has the same value as clmgmtLicenseIndex and uniquely identifies an entry in clmgmtLicenseInfoTable in CISCO-LICENSE-MGMT-MIB.

Note: The license index can be '0' if no license is installed and device is running base image."

::= { cilmBootImageLevelEntry 6 }

#### cilmNextBootLicenseStoreIndex OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object indicates the license store index where the next boot license is stored. This object has the same value as clmgmtLicenseStoreIndex object and uniquely identifies an entry in clmgmtLicenseStoreInfoTable in CISCO-LICENSE-MGMT-MIB.

Note: The license store index can be '0' if no license is installed for the next boot."

::= { cilmBootImageLevelEntry 7 }

#### cilmNextBootLicenseIndex OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS read-only

STATUS current

#### DESCRIPTION

"This object indicates the license index of the next boot license. This object has the same value as clmgmtLicenseIndex and uniquely identifies an entry in clmgmtLicenseInfoTable in CISCO-LICENSE-MGMT-MIB.

Note: The license index can be '0' if no license is installed for the next boot."

::= { cilmBootImageLevelEntry 8 }

cilmImageLevelToLicenseMapTable OBJECT-TYPE

SYNTAX SEQUENCE OF CilmImageLevelToLicenseMapEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This table contains the mapping between different image levels of each modules in the image and the license required to run the modules at a particular image level. This table can be used to identify the different image levels and the appropriate licenses required for each."

::= { ciscoImageLicenseMgmtMIBObjects 2 }

cilmImageLevelToLicenseMapEntry OBJECT-TYPE

SYNTAX CilmImageLevelToLicenseMapEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry in the table containing the following information.

- The image levels at the which the modules can be run.
- The license required to the run a module at a particular image level.
- The priority of the license."

INDEX {  
    entPhysicalIndex,  
    cilmModuleName,  
    cilmImageLicenseMapIndex  
}

::= { cilmImageLevelToLicenseMapTable 1 }

```
CilmImageLevelToLicenseMapEntry ::= SEQUENCE {  
    cilmImageLicenseMapIndex Unsigned32,  
    cilmImageLicenseImageLevel BootImageLevel,  
    cilmImageLicenseName LicenseNameList,  
    cilmImageLicensePriority Unsigned32  
}
```

cilmImageLicenseMapIndex OBJECT-TYPE

SYNTAX Unsigned32

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"This is a running index used to identify an entry of this table."

::= { cilmImageLevelToLicenseMapEntry 1 }

cilmImageLicenseImageLevel OBJECT-TYPE

SYNTAX BootImageLevel

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the image level at which a module can be run. A module can be run at different image levels. An entry will be created in this table for every module and image level combination."

::= { cilmImageLevelToLicenseMapEntry 2 }

cilmImageLicenseName OBJECT-TYPE

SYNTAX LicenseNameList

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the list of licenses needed to be installed for the module to run at the image level mentioned by cilmImageLicenseImageLevel object of this entry."

::= { cilmImageLevelToLicenseMapEntry 3 }

cilmImageLicensePriority OBJECT-TYPE

SYNTAX Unsigned32 (1..255)

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This object indicates the priority of the image level mentioned by cilmImageLicenseImageLevel object of this entry. The image level with the highest priority license will be considered as the default level in the absence of next boot image level configuration. For example if there are three licenses l1, l2 and l3 in the ascending order of priority, then by default l1 will be the level at which the module will be running. If the next boot level is configured then the configuration will override the priority. The highest priority license supports a feature set which is a super set of all other licenses."

::= { cilmImageLevelToLicenseMapEntry 4 }

-- Global Objects

cilmEULAAccepted OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write

```

STATUS      current
DESCRIPTION
    "This object when set to TRUE means that the user has
    accepted the END USER LICENSE AGREEMENT. This object
    has to be set to TRUE by the user before using the
    objects in the cilmBootImageLevelTable to configure
    the license."
DEFVAL      { false }
::= { ciscoImageLicenseMgmtMIBObjects 3 }
-- Notification control

```

```

cilmNotifCntl OBJECT IDENTIFIER
::= { ciscoImageLicenseMgmtMIBObjects 4 }

```

```

cilmImageLevelChangedNotif OBJECT-TYPE
SYNTAX      TruthValue
MAX-ACCESS  read-write
STATUS      current
DESCRIPTION
    "Specify whether or not a notification should be
    generated on the detection of change in next boot
    image level.

    If set to TRUE, cilmBootImageLevelChanged notification
    will be generated. It is the responsibility of the
    management entity to ensure that the SNMP administrative
    model is configured in such a way as to allow the
    notification to be delivered."
REFERENCE
    "See also RFC3413 for explanation that notifications
    are under the ultimate control of the MIB module in
    this document."
DEFVAL      { false }
::= { cilmNotifCntl 1 }

```

```

-- Notifications

```

```

cilmBootImageLevelChanged NOTIFICATION-TYPE
OBJECTS      {
    cilmCurrentImageLevel,
    cilmConfiguredBootImageLevel
}
STATUS      current
DESCRIPTION
    "This notification is triggered when next boot image level
    is changed in the management entity. The current and
    configured image level are indicated by cilmCurrentImageLevel

```

```

        and cilmConfiguredBootImageLevel objects respectively."
 ::= { ciscoImageLicenseMgmtMIBNotifs 1 }
-- Conformance

cilmModuleCompliances OBJECT IDENTIFIER
 ::= { ciscoImageLicenseMgmtMIBConform 1 }

cilmModuleGroups OBJECT IDENTIFIER
 ::= { ciscoImageLicenseMgmtMIBConform 2 }

cilmModuleCompliance MODULE-COMPLIANCE
STATUS      current
DESCRIPTION
    "Compliance statement for Cisco Image level license mgmt MIB."
MODULE      -- this module
MANDATORY-GROUPS {
    cilmAdminGroup,
    cilmNotifGroup
}

GROUP      cilmOperGroup
DESCRIPTION
    "This group is mandatory for all devices where
    multiple license are supported."
 ::= { cilmModuleCompliances 1 }

-- Units of Conformance

cilmAdminGroup OBJECT-GROUP
OBJECTS     {
    cilmCurrentImageLevel,
    cilmConfiguredBootImageLevel,
    cilmNextBootImageLevel,
    cilmCurrentLicenseStoreIndex,
    cilmCurrentLicenseIndex,
    cilmNextBootLicenseStoreIndex,
    cilmNextBootLicenseIndex,
    cilmEULAAccepted,
    cilmImageLevelChangedNotif
}
STATUS      current
DESCRIPTION
    "Objects for performing license set operation for setting
    next boot level."
 ::= { cilmModuleGroups 1 }

cilmOperGroup OBJECT-GROUP

```

```

OBJECTS      {
    cilmImageLicenseImageLevel,
    cilmImageLicenseName,
    cilmImageLicensePriority
}
STATUS      current
DESCRIPTION
    "Objects for getting current image level configuration data."
::= { cilmModuleGroups 2 }

cilmNotifGroup NOTIFICATION-GROUP
NOTIFICATIONS { cilmBootImageLevelChanged }
STATUS      current
DESCRIPTION
    "Objects for getting current image level configuration data."
::= { cilmModuleGroups 3 }

END

```

# 1.577 packaging 16.8

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# 1.578 python-setuptools 3.10.0-2.ph4

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |

|               |           |          |     |     |
|---------------|-----------|----------|-----|-----|
| 2.0.1         | 2.0+1.6.1 | 2001     | PSF | yes |
| 2.1.1         | 2.1+2.0.1 | 2001     | PSF | yes |
| 2.1.2         | 2.1.1     | 2002     | PSF | yes |
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## 1.579 prometheus-procfs 0.0.11

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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// A simple example exposing fictional RPC latencies with different types of

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// metrics.

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set yrange [0:]

set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024

set xtics rotate by -45

set style histogram errorbars gap 2 lw 1

set style fill solid border -1

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# 1.590 testify 1.7.0

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////

update-ca-trust(8)

=====

:doctype: manpage

:man source: update-ca-trust

NAME

----

update-ca-trust - manage consolidated and dynamic configuration of CA certificates and associated trust

SYNOPSIS

-----

\*update-ca-trust\* ['COMMAND']

DESCRIPTION

-----

update-ca-trust(8) is used to manage a consolidated and dynamic configuration feature of Certificate Authority (CA) certificates and associated trust.

The feature is available for new applications that read the consolidated configuration files found in the `/etc/pki/ca-trust/extracted` directory or that load the PKCS#11 module `p11-kit-trust.so`

Parts of the new feature are also provided in a way to make it useful for legacy applications.

Many legacy applications expect CA certificates and trust configuration in a fixed location, contained in files with particular path and name, or by referring to a classic PKCS#11 trust module provided by the NSS cryptographic library.

The dynamic configuration feature provides functionally compatible replacements for classic configuration files and for the classic NSS trust module named libnssckbi.

In order to enable legacy applications, that read the classic files or access the classic module, to make use of the new consolidated and dynamic configuration feature, the classic filenames have been changed to symbolic links.

The symbolic links refer to dynamically created and consolidated output stored below the /etc/pki/ca-trust/extracted directory hierarchy.

The output is produced using the 'update-ca-trust' command (without parameters), or using the 'update-ca-trust extract' command.

In order to produce the output, a flexible set of source configuration is read, as described in section <<sourceconf,SOURCE CONFIGURATION>>.

In addition, the classic PKCS#11 module is replaced with a new PKCS#11 module (p11-kit-trust.so) that dynamically reads the same source configuration.

[[sourceconf]]

## SOURCE CONFIGURATION

-----

The dynamic configuration feature uses several source directories that will be scanned for any number of source files. \*It is important to select the correct subdirectory for adding files, as the subdirectory defines how contained certificates will be trusted or distrusted, and which file formats are read.\*

Files in \*subdirectories below the directory hierarchy /usr/share/pki/ca-trust-source/\* contain CA certificates and trust settings in the PEM file format. The trust settings found here will be interpreted with a \*low priority\*.

Files in \*subdirectories below the directory hierarchy /etc/pki/ca-trust/source/\* contain CA certificates and trust settings in the PEM file format. The trust settings found here will be interpreted with a \*high priority\*.

.You may use the following rules of thumb to decide, whether your configuration files should be added to the /etc or rather to the /usr directory hierarchy:

\* If you are manually adding a configuration file to a system, you probably want it to override any other default configuration, and you most likely should add it to the respective subdirectory in the /etc hierarchy.

\* If you are creating a package that provides additional root CA certificates, that is intended for distribution to several computer systems, but you still want to allow the administrator to override your list, then your package should add your files to the respective subdirectory in the /usr hierarchy.

\* If you are creating a package that is supposed to override the default system trust settings, that is intended for distribution to several computer systems, then your package should install the files to the respective subdirectory in the /etc hierarchy.

.**\*QUICK HELP 1\***: To add a certificate in the simple PEM or DER file formats to the list of CAs trusted on the system:

- \* add it as a new file to directory `/etc/pki/ca-trust/source/anchors/`
- \* run `'update-ca-trust extract'`

.**\*QUICK HELP 2\***: If your certificate is in the extended BEGIN TRUSTED file format (which may contain distrust/blacklist trust flags, or trust flags for usages other than TLS) then:

- \* add it as a new file to directory `/etc/pki/ca-trust/source/`
- \* run `'update-ca-trust extract'`

.In order to offer simplicity and flexibility, the way certificate files are treated depends on the subdirectory they are installed to.

- \* simple trust anchors subdirectory: `/usr/share/pki/ca-trust-source/anchors/` or `/etc/pki/ca-trust/source/anchors/`
- \* simple blacklist (distrust) subdirectory: `/usr/share/pki/ca-trust-source/blacklist/` or `/etc/pki/ca-trust/source/blacklist/`
- \* extended format directory: `/usr/share/pki/ca-trust-source/` or `/etc/pki/ca-trust/source/`

.In the main directories `/usr/share/pki/ca-trust-source/` or `/etc/pki/ca-trust/source/` you may install one or multiple files in the following file formats:

- \* certificate files that include trust flags, in the BEGIN/END TRUSTED CERTIFICATE file format (any file name), which have been created using the openssl x509 tool and the `-addreject -addtrust` options.

Bundle files with multiple certificates are supported.

- \* files in the p11-kit file format using the `.p11-kit` file name extension, which can (e.g.) be used to distrust certificates based on serial number and issuer name, without having the full certificate available.

(This is currently an undocumented format, to be extended later.

For examples of the supported formats, see the files shipped with the `ca-certificates` package.)

- \* certificate files without trust flags in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format (any file name). Such files will be added with neutral trust, neither trusted nor distrusted.

They will simply be known to the system, which might be helpful to assist cryptographic software in constructing chains of certificates.

(If you want a CA certificate in these file formats to be trusted, you should remove it from this directory and move it to the `./anchors` subdirectory instead.)

In the anchors subdirectories `/usr/share/pki/ca-trust-source/anchors/` or `/etc/pki/ca-trust/source/anchors/` you may install one or multiple certificates in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format. Each certificate will be treated as `*trusted*` for all purposes.

In the blacklist subdirectories `/usr/share/pki/ca-trust-source/blacklist/` or `/etc/pki/ca-trust/source/blacklist/` you may install one or multiple certificates in either the DER file format or in the PEM (BEGIN/END CERTIFICATE) file format.

Each certificate will be treated as *\*distrusted\** for all purposes.

Please refer to the x509(1) manual page for the documentation of the BEGIN/END CERTIFICATE and BEGIN/END TRUSTED CERTIFICATE file formats.

Applications that rely on a static file for a list of trusted CAs may load one of the files found in the /etc/pki/ca-trust/extracted directory. After modifying any file in the /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/ directories or in any of their subdirectories, or after adding a file, it is necessary to run the 'update-ca-trust extract' command, in order to update the consolidated files in /etc/pki/ca-trust/extracted/ .

Applications that load the classic PKCS#11 module using filename libnssckbi.so (which has been converted into a symbolic link pointing to the new module) and any application capable of loading PKCS#11 modules and loading p11-kit-trust.so, will benefit from the dynamically merged set of certificates and trust information stored in the /usr/share/pki/ca-trust-source/ and /etc/pki/ca-trust/source/ directories.

[[extractconf]]

#### EXTRACTED CONFIGURATION

-----  
The directory /etc/pki/ca-trust/extracted/ contains generated CA certificate bundle files which are created and updated, based on the <<sourceconf,SOURCE CONFIGURATION>> by running the 'update-ca-trust extract' command.

If your application isn't able to load the PKCS#11 module p11-kit-trust.so, then you can use these files in your application to load a list of global root CA certificates.

Please never manually edit the files stored in this directory, because your changes will be lost and the files automatically overwritten, each time the 'update-ca-trust extract' command gets executed.

In order to install new trusted or distrusted certificates, please rather install them in the respective subdirectory below the /usr/share/pki/ca-trust-source/ or /etc/pki/ca-trust/source/ directories, as described in the <<sourceconf,SOURCE CONFIGURATION>> section.

The directory /etc/pki/ca-trust/extracted/java/ contains a CA certificate bundle in the java keystore file format. Distrust information cannot be represented in this file format, and distrusted certificates are missing from these files. File cacerts contains CA certificates trusted for TLS server authentication.

The directory /etc/pki/ca-trust/extracted/openssl/ contains

CA certificate bundle files in the extended BEGIN/END TRUSTED CERTIFICATE file format, as described in the x509(1) manual page.

File ca-bundle.trust.crt contains the full set of all trusted or distrusted certificates, including the associated trust flags.

The directory /etc/pki/ca-trust/extracted/pem/ contains CA certificate bundle files in the simple BEGIN/END CERTIFICATE file format, as described in the x509(1) manual page.

Distrust information cannot be represented in this file format, and distrusted certificates are missing from these files.

File tls-ca-bundle.pem contains CA certificates trusted for TLS server authentication.

File email-ca-bundle.pem contains CA certificates trusted for E-Mail protection.

File objsign-ca-bundle.pem contains CA certificates trusted for code signing.

## COMMANDS

-----

(absent/empty command)::

Same as the `*extract*` command described below. (However, the command may print fewer warnings, as this command is being run during rpm package installation, where non-fatal status output is undesired.)

`*extract*::`

Instruct `update-ca-trust` to scan the `<<sourceconf,SOURCE CONFIGURATION>>` and produce updated versions of the consolidated configuration files stored below the `/etc/pki/ca-trust/extracted` directory hierarchy.

## FILES

-----

`/etc/pki/tls/certs/ca-bundle.crt::`

Classic filename, file contains a list of CA certificates trusted for TLS server authentication usage, in the simple BEGIN/END CERTIFICATE file format, without distrust information.

This file is a symbolic link that refers to the consolidated output created by the `update-ca-trust` command.

`/etc/pki/tls/certs/ca-bundle.trust.crt::`

Classic filename, file contains a list of CA certificates in the extended BEGIN/END TRUSTED CERTIFICATE file format, which includes trust (and/or distrust) flags specific to certificate usage.

This file is a symbolic link that refers to the consolidated output created by the `update-ca-trust` command.

`/etc/pki/java/cacerts::`

Classic filename, file contains a list of CA certificates trusted for TLS server authentication usage, in the Java keystore file format, without distrust information.

This file is a symbolic link that refers to the consolidated output created by the `update-ca-trust` command.

`/usr/share/pki/ca-trust-source::`



Contains multiple, low priority source configuration files as explained in section <<sourceconf,SOURCE CONFIGURATION>>. Please pay attention to the specific meanings of the respective subdirectories.

/etc/pki/ca-trust/source::

Contains multiple, high priority source configuration files as explained in section <<sourceconf,SOURCE CONFIGURATION>>. Please pay attention to the specific meanings of the respective subdirectories.

/etc/pki/ca-trust/extracted::

Contains consolidated and automatically generated configuration files for consumption by applications, which are created using the 'update-ca-trust extract' command. Don't edit files in this directory, because they will be overwritten.

See section <<extractconf,EXTRACTED CONFIGURATION>> for additional details.

## AUTHOR

-----

Written by Kai Engert and Stef Walter.

Found in path(s):

\* /opt/cola/permits/1348498798\_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7\_8.src.rpm-cosi-expand-archive-L3IwXukb/update-ca-trust.8.txt

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\* /opt/cola/permits/1348498798\_1655827029.064334/0/ca-certificates-2020.2.41-70.0.el7\_8.src.rpm-cosi-expand-archive-L3IwXukb/certdata2pem.py

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////

ca-legacy(8)

=====

:doctype: manpage

:man source: ca-legacy

NAME

----

ca-legacy - Manage the system configuration for legacy CA certificates

SYNOPSIS

-----

\*ca-legacy\* ['COMMAND']

DESCRIPTION

-----

ca-legacy(8) is used to include or exclude a set of legacy Certificate Authority (CA) certificates in the system's list of trusted CA certificates.

The list of CA certificates and trust flags included in the ca-certificates package are based on the decisions made by Mozilla.org according to the Mozilla CA policy.

Occasionally, removal or distrust decisions made by Mozilla.org might be incompatible with the requirements or limitations of some applications that also use the CA certificates list in the Linux environment.

The ca-certificates package might keep some CA certificates included and trusted by default, as long as it is seen necessary by the maintainers, despite the fact that they have been removed by Mozilla. These certificates are called legacy CA certificates.

The general requirements to keep legacy CA certificates included and trusted might change over time, for example if functional limitations of software packages have been resolved.

Future versions of the ca-certificates package might reduce the set of legacy CA certificates that are included and trusted by default.

The ca-legacy(8) command can be used to override the default behaviour.

The mechanisms to individually trust or distrust CA certificates as described in update-ca-trust(8) still apply.

COMMANDS

-----

**\*check\*::**

The current configuration will be shown.

**\*default\*::**

Configure the system to use the default configuration, as recommended by the package maintainers.

**\*disable\*::**

Configure the system to explicitly disable legacy CA certificates.

Using this configuration, the system will use the set of included and trusted CA certificates as released by Mozilla.

**\*install\*::**

The configuration file will be read and the system configuration will be set accordingly. This command is executed automatically during upgrades of the ca-certificates package.

## FILES

-----

/etc/pki/ca-trust/ca-legacy.conf::

A configuration file that will be used and modified by the ca-legacy command.

The contents of the configuration file will be read on package upgrades.

## AUTHOR

-----

Written by Kai Engert.

Found in path(s):

\* /opt/cola/permits/1348498798\_1655827029.064334/0/ca-certificates-2020.2.41-70.0.e17\_8.src.rpm-cosi-expand-archive-L3IwXukb/ca-legacy.8.txt

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#

# certdata.txt

#

```

# This file contains the object definitions for the certs and other
# information "built into" NSS.
#
# Object definitions:
#
# Certificates
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS            CK_OBJECT_CLASS  CKO_CERTIFICATE
# CKA_TOKEN            CK_BBOOL        CK_TRUE
# CKA_PRIVATE          CK_BBOOL        CK_FALSE
# CKA_MODIFIABLE       CK_BBOOL        CK_FALSE
# CKA_LABEL            UTF8            (varies)
# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# CKA_SUBJECT          DER+base64      (varies)
# CKA_ID               byte array      (varies)
# CKA_ISSUER           DER+base64      (varies)
# CKA_SERIAL_NUMBER    DER+base64      (varies)
# CKA_VALUE            DER+base64      (varies)
# CKA_NSS_EMAIL        ASCII7         (unused here)
# CKA_NSS_SERVER_DISTRUST_AFTER DER+base64 (varies)
# CKA_NSS_EMAIL_DISTRUST_AFTER DER+base64 (varies)
#
# Trust
#
# -- Attribute --      -- type --      -- value --
# CKA_CLASS            CK_OBJECT_CLASS  CKO_TRUST
# CKA_TOKEN            CK_BBOOL        CK_TRUE
# CKA_PRIVATE          CK_BBOOL        CK_FALSE
# CKA_MODIFIABLE       CK_BBOOL        CK_FALSE
# CKA_LABEL            UTF8            (varies)
# CKA_ISSUER           DER+base64      (varies)
# CKA_SERIAL_NUMBER    DER+base64      (varies)
# CKA_CERT_HASH        binary+base64   (varies)
# CKA_EXPIRES          CK_DATE         (not used here)
# CKA_TRUST_DIGITAL_SIGNATURE CK_TRUST (varies)
# CKA_TRUST_NON_REPUDIATION CK_TRUST (varies)
# CKA_TRUST_KEY_ENCIPHERMENT CK_TRUST (varies)
# CKA_TRUST_DATA_ENCIPHERMENT CK_TRUST (varies)
# CKA_TRUST_KEY_AGREEMENT CK_TRUST (varies)
# CKA_TRUST_KEY_CERT_SIGN CK_TRUST (varies)
# CKA_TRUST_CRL_SIGN   CK_TRUST (varies)
# CKA_TRUST_SERVER_AUTH CK_TRUST (varies)
# CKA_TRUST_CLIENT_AUTH CK_TRUST (varies)
# CKA_TRUST_CODE_SIGNING CK_TRUST (varies)
# CKA_TRUST_EMAIL_PROTECTION CK_TRUST (varies)
# CKA_TRUST_IPSEC_END_SYSTEM CK_TRUST (varies)
# CKA_TRUST_IPSEC_TUNNEL CK_TRUST (varies)

```

```

# CKA_TRUST_IPSEC_USER    CK_TRUST    (varies)
# CKA_TRUST_TIME_STAMPING CK_TRUST    (varies)
# CKA_TRUST_STEP_UP_APPROVED CK_BBOOL    (varies)
# (other trust attributes can be defined)
#

#

# The object to tell NSS that this is a root list and we don't
# have to go looking for others.
#
BEGINDATA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_BUILTIN_ROOT_LIST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Mozilla Builtin Roots"

#

# Certificate "GlobalSign Root CA"
#
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
# Fingerprint (MD5): 3E:45:52:15:09:51:92:E1:B7:5D:37:9F:B1:87:29:8A
# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147

```

\156\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\025\113\132\303\224

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\165\060\202\002\135\240\003\002\001\002\002\013\004  
\000\000\000\000\001\025\113\132\303\224\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\060\127\061\013\060\011\006  
\003\125\004\006\023\002\102\105\061\031\060\027\006\003\125\004  
\012\023\020\107\154\157\142\141\154\123\151\147\156\040\156\166  
\055\163\141\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\033\060\031\006\003\125\004\003\023\022  
\107\154\157\142\141\154\123\151\147\156\040\122\157\157\164\040  
\103\101\060\036\027\015\071\070\060\071\060\061\061\062\060\060  
\060\060\132\027\015\062\070\060\061\062\070\061\062\060\060\060  
\060\132\060\127\061\013\060\011\006\003\125\004\006\023\002\102  
\105\061\031\060\027\006\003\125\004\012\023\020\107\154\157\142  
\141\154\123\151\147\156\040\156\166\055\163\141\061\020\060\016  
\006\003\125\004\013\023\007\122\157\157\164\040\103\101\061\033  
\060\031\006\003\125\004\003\023\022\107\154\157\142\141\154\123  
\151\147\156\040\122\157\157\164\040\103\101\060\202\001\042\060  
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202  
\001\017\000\060\202\001\012\002\202\001\001\000\332\016\346\231  
\215\316\243\343\117\212\176\373\361\213\203\045\153\352\110\037  
\361\052\260\271\225\021\004\275\360\143\321\342\147\146\317\034  
\335\317\033\110\053\356\215\211\216\232\257\051\200\145\253\351  
\307\055\022\313\253\034\114\160\007\241\075\012\060\315\025\215  
\117\370\335\324\214\120\025\034\357\120\356\304\056\367\374\351  
\122\362\221\175\340\155\325\065\060\216\136\103\163\362\101\351  
\325\152\343\262\211\072\126\071\070\157\006\074\210\151\133\052  
\115\305\247\124\270\154\211\314\233\371\074\312\345\375\211\365  
\022\074\222\170\226\326\334\164\156\223\104\141\321\215\307\106  
\262\165\016\206\350\031\212\325\155\154\325\170\026\225\242\351  
\310\012\070\353\362\044\023\117\163\124\223\023\205\072\033\274  
\036\064\265\213\005\214\271\167\213\261\333\037\040\221\253\011  
\123\156\220\316\173\067\164\271\160\107\221\042\121\143\026\171  
\256\261\256\101\046\010\310\031\053\321\106\252\110\326\144\052  
\327\203\064\377\054\052\301\154\031\103\112\007\205\347\323\174  
\366\041\150\357\352\362\122\237\177\223\220\317\002\003\001\000  
\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004  
\024\140\173\146\032\105\015\227\312\211\120\057\175\004\315\064  
\250\377\374\375\113\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\003\202\001\001\000\326\163\347\174\117\166\320  
\215\277\354\272\242\276\064\305\050\062\265\174\374\154\234\054  
\053\275\011\236\123\277\153\136\252\021\110\266\345\010\243\263

```
\312\075\141\115\323\106\011\263\076\303\240\343\143\125\033\362
\272\357\255\071\341\103\271\070\243\346\057\212\046\073\357\240
\120\126\371\306\012\375\070\315\304\013\160\121\224\227\230\004
\337\303\137\224\325\025\311\024\101\234\304\135\165\144\025\015
\377\125\060\354\206\217\377\015\357\054\271\143\106\366\252\374
\337\274\151\375\056\022\110\144\232\340\225\360\246\357\051\217
\001\261\025\265\014\035\245\376\151\054\151\044\170\036\263\247
\034\161\142\356\312\310\227\254\027\135\212\302\370\107\206\156
\052\304\126\061\225\320\147\211\205\053\371\154\246\135\106\235
\014\252\202\344\231\121\335\160\267\333\126\075\141\344\152\341
\134\326\366\376\075\336\101\314\007\256\143\122\277\123\123\364
\053\351\307\375\266\367\202\137\205\322\101\030\333\201\263\004
\034\305\037\244\200\157\025\040\311\336\014\210\012\035\326\146
\125\342\374\110\311\051\046\151\340
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GlobalSign Root CA"

# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE

# Serial Number:04:00:00:00:00:01:15:4b:5a:c3:94

# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE

# Not Valid Before: Tue Sep 01 12:00:00 1998

# Not Valid After : Fri Jan 28 12:00:00 2028

# Fingerprint (MD5): 3E:45:52:15:09:51:92:E1:B7:5D:37:9F:B1:87:29:8A

# Fingerprint (SHA1): B1:BC:96:8B:D4:F4:9D:62:2A:A8:9A:81:F2:15:01:52:A4:1D:82:9C

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\261\274\226\213\324\364\235\142\052\250\232\201\362\025\001\122
\244\035\202\234
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\076\105\122\025\011\121\222\341\267\135\067\237\261\207\051\212
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\103\101\061\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\013\004\000\000\000\000\001\025\113\132\303\224
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root CA - R2"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Serial Number:04:00:00:00:00:01:0f:86:26:e6:0d
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After : Wed Dec 15 08:00:00 2021
# Fingerprint (MD5): 94:14:77:7E:3E:5E:FD:8F:30:BD:41:B0:CF:E7:D0:30
# Fingerprint (SHA1): 75:E0:AB:B6:13:85:12:27:1C:04:F8:5F:DD:DE:38:E4:B7:24:2E:FE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\062\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\062\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\017\206\046\346\015
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\272\060\202\002\242\240\003\002\001\002\002\013\004
\000\000\000\000\001\017\206\046\346\015\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\060\114\061\040\060\036\006
\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147\156
\040\122\157\157\164\040\103\101\040\055\040\122\062\061\023\060
\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123\151
```



\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154\157  
\142\141\154\123\151\147\156\060\036\027\015\060\066\061\062\061  
\065\060\070\060\060\060\060\132\027\015\062\061\061\062\061\065  
\060\070\060\060\060\060\132\060\114\061\040\060\036\006\003\125  
\004\013\023\027\107\154\157\142\141\154\123\151\147\156\040\122  
\157\157\164\040\103\101\040\055\040\122\062\061\023\060\021\006  
\003\125\004\012\023\012\107\154\157\142\141\154\123\151\147\156  
\061\023\060\021\006\003\125\004\003\023\012\107\154\157\142\141  
\154\123\151\147\156\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\246\317\044\016\276\056\157\050\231\105  
\102\304\253\076\041\124\233\013\323\177\204\160\372\022\263\313  
\277\207\137\306\177\206\323\262\060\134\326\375\255\361\173\334  
\345\370\140\226\011\222\020\365\320\123\336\373\173\176\163\210  
\254\122\210\173\112\246\312\111\246\136\250\247\214\132\021\274  
\172\202\353\276\214\351\263\254\226\045\007\227\112\231\052\007  
\057\264\036\167\277\212\017\265\002\174\033\226\270\305\271\072  
\054\274\326\022\271\353\131\175\342\320\006\206\137\136\111\152  
\265\071\136\210\064\354\274\170\014\010\230\204\154\250\315\113  
\264\240\175\014\171\115\360\270\055\313\041\312\325\154\133\175  
\341\240\051\204\241\371\323\224\111\313\044\142\221\040\274\335  
\013\325\331\314\371\352\047\012\053\163\221\306\235\033\254\310  
\313\350\340\240\364\057\220\213\115\373\260\066\033\366\031\172  
\205\340\155\362\141\023\210\134\237\340\223\012\121\227\212\132  
\316\257\253\325\367\252\011\252\140\275\334\331\137\337\162\251  
\140\023\136\000\001\311\112\372\077\244\352\007\003\041\002\216  
\202\312\003\302\233\217\002\003\001\000\001\243\201\234\060\201  
\231\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\035\006\003\125\035\016\004\026\004\024\233\342\007  
\127\147\034\036\300\152\006\336\131\264\232\055\337\334\031\206  
\056\060\066\006\003\125\035\037\004\057\060\055\060\053\240\051  
\240\047\206\045\150\164\164\160\072\057\057\143\162\154\056\147  
\154\157\142\141\154\163\151\147\156\056\156\145\164\057\162\157  
\157\164\055\162\062\056\143\162\154\060\037\006\003\125\035\043  
\004\030\060\026\200\024\233\342\007\127\147\034\036\300\152\006  
\336\131\264\232\055\337\334\031\206\056\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\231\201  
\123\207\034\150\227\206\221\354\340\112\270\104\013\253\201\254  
\047\117\326\301\270\034\103\170\263\014\232\374\352\054\074\156  
\141\033\115\113\051\365\237\005\035\046\301\270\351\203\000\142  
\105\266\251\010\223\271\251\063\113\030\232\302\370\207\210\116  
\333\335\161\064\032\301\124\332\106\077\340\323\052\253\155\124  
\042\365\072\142\315\040\157\272\051\211\327\335\221\356\323\134  
\242\076\241\133\101\365\337\345\144\103\055\351\325\071\253\322  
\242\337\267\213\320\300\200\031\034\105\300\055\214\350\370\055  
\244\164\126\111\305\005\265\117\025\336\156\104\170\071\207\250  
\176\273\363\171\030\221\273\364\157\235\301\360\214\065\214\135

```
\001\373\303\155\271\357\104\155\171\106\061\176\012\376\251\202
\301\377\357\253\156\040\304\120\311\137\235\115\233\027\214\014
\345\001\311\240\101\152\163\123\372\245\120\264\156\045\017\373
\114\030\364\375\122\331\216\151\261\350\021\017\336\210\330\373
\035\111\367\252\336\225\317\040\170\302\140\022\333\045\100\214
\152\374\176\102\070\100\144\022\367\236\201\341\223\056
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "GlobalSign Root CA - R2"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Serial Number:04:00:00:00:00:01:0f:86:26:e6:0d
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R2
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After : Wed Dec 15 08:00:00 2021
# Fingerprint (MD5): 94:14:77:7E:3E:5E:FD:8F:30:BD:41:B0:CF:E7:D0:30
# Fingerprint (SHA1): 75:E0:AB:B6:13:85:12:27:1C:04:F8:5F:DD:DE:38:E4:B7:24:2E:FE
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\165\340\253\266\023\205\022\047\034\004\370\137\335\336\070\344
\267\044\056\376
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\224\024\167\176\076\136\375\217\060\275\101\260\317\347\320\060
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\062\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\001\017\206\046\346\015
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

```
# Certificate "Verisign Class 1 Public Primary Certification Authority - G3"
```

```
#
# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): B1:47:BC:18:57:D1:18:A0:78:2D:EC:71:E8:2A:95:73
# Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
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CKA_SERIAL_NUMBER MULTILINE_OCTAL
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\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110  
\316\261\244

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CKA\_VALUE MULTILINE\_OCTAL

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\143\051\040\061\071\071\071\040\126\145\162\151\123\151\147\156  
\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123  
\151\147\156\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
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\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012  
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\061\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123  
\151\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162  
\153\061\072\060\070\006\003\125\004\013\023\061\050\143\051\040  
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\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060  
\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156  
\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143\040  
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\335\204\324\271\264\371\247\330\363\004\170  
\234\336\075\334\154\023\026\331\172\335\044\121\146\300\307\046  
\131\015\254\006\010\302\224\321\063\037\360\203\065\037\156\033  
\310\336\252\156\025\116\124\047\357\304\155\032\354\013\343\016  
\360\104\245\127\307\100\130\036\243\107\037\161\354\140\366\155  
\224\310\030\071\355\376\102\030\126\337\344\114\111\020\170\116  
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\242\066\011\254\253\041\046\124\006\255\077\312\024\340\254\312  
\255\006\035\225\342\370\235\361\340\140\377\302\177\165\053\114  
\314\332\376\207\231\041\352\272\376\076\124\327\322\131\170\333  
\074\156\317\240\023\000\032\270\047\241\344\276\147\226\312\240  
\305\263\234\335\311\165\236\353\060\232\137\243\315\331\256\170

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\031\077\043\351\134\333\051\275\255\125\310\033\124\214\143\366
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\327\017\126\107\201\025\004\112\257\203\047\321\305\130\210\301
\335\366\252\247\243\030\332\150\252\155\021\121\341\277\145\153
\237\226\166\321\075\002\003\001\000\001\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\253\146
\215\327\263\272\307\232\266\346\125\320\005\361\237\061\215\132
\252\331\252\106\046\017\161\355\245\255\123\126\142\001\107\052
\104\351\376\077\164\013\023\233\271\364\115\033\262\321\137\262
\266\322\210\134\263\237\315\313\324\247\331\140\225\204\072\370
\301\067\035\141\312\347\260\305\345\221\332\124\246\254\061\201
\256\227\336\315\010\254\270\300\227\200\177\156\162\244\347\151
\023\225\145\037\304\223\074\375\171\217\004\324\076\117\352\367
\236\316\315\147\174\117\145\002\377\221\205\124\163\307\377\066
\367\206\055\354\320\136\117\377\021\237\162\006\326\270\032\361
\114\015\046\145\342\104\200\036\307\237\343\335\350\012\332\354
\245\040\200\151\150\241\117\176\341\153\317\007\101\372\203\216
\274\070\335\260\056\021\261\153\262\102\314\232\274\371\110\042
\171\112\031\017\262\034\076\040\164\331\152\303\276\362\050\170
\023\126\171\117\155\120\352\033\260\265\127\261\067\146\130\043
\363\334\017\337\012\207\304\357\206\005\325\070\024\140\231\243
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END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Verisign Class 1 Public Primary Certification Authority - G3"

# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4

# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Fri Oct 01 00:00:00 1999

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): B1:47:BC:18:57:D1:18:A0:78:2D:EC:71:E8:2A:95:73

# Fingerprint (SHA1): 20:42:85:DC:F7:EB:76:41:95:57:8E:13:6B:D4:B7:D1:E9:8E:46:A5

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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\040\102\205\334\367\353\166\101\225\127\216\023\153\324\267\321
\351\216\106\245
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END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

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\261\107\274\030\127\321\030\240\170\055\354\161\350\052\225\163
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END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123  
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145  
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\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163  
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023  
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\061\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\213\133\165\126\204\124\205\013\000\317\257\070\110  
\316\261\244

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Verisign Class 2 Public Primary Certification Authority - G3"

#

# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a

# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Fri Oct 01 00:00:00 1999

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): F8:BE:C4:63:22:C9:A8:46:74:8B:B8:1D:1E:4A:2B:F6

# Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
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\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
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\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
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\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
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END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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\133\172

END

CKA\_VALUE MULTILINE\_OCTAL

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\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141  
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\265\373\354\140\361\350\316\004\260\310\335\247\003\217\060\363  
\230\337\244\346\244\061\337\323\034\013\106\334\162\040\077\256  
\356\005\074\244\063\077\013\071\254\160\170\163\113\231\053\337  
\060\302\124\260\250\073\125\241\376\026\050\315\102\275\164\156  
\200\333\047\104\247\316\104\135\324\033\220\230\015\036\102\224  
\261\000\054\004\320\164\243\002\005\042\143\143\315\203\265\373  
\301\155\142\153\151\165\375\135\160\101\271\365\277\174\337\276  
\301\062\163\042\041\213\130\201\173\025\221\172\272\343\144\110  
\260\177\373\066\045\332\225\320\361\044\024\027\335\030\200\153  
\106\043\071\124\365\216\142\011\004\035\224\220\246\233\346\045  
\342\102\105\252\270\220\255\276\010\217\251\013\102\030\224\317  
\162\071\341\261\103\340\050\317\267\347\132\154\023\153\111\263  
\377\343\030\174\211\213\063\135\254\063\327\247\371\332\072\125



\311\130\020\371\252\357\132\266\317\113\113\337\052

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Verisign Class 2 Public Primary Certification Authority - G3"

# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a

# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Fri Oct 01 00:00:00 1999

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): F8:BE:C4:63:22:C9:A8:46:74:8B:B8:1D:1E:4A:2B:F6

# Fingerprint (SHA1): 61:EF:43:D7:7F:CA:D4:61:51:BC:98:E0:C3:59:12:AF:9F:EB:63:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\141\357\103\327\177\312\324\141\121\274\230\340\303\131\022\257

\237\353\143\021

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\370\276\304\143\042\311\250\106\164\213\270\035\036\112\053\366

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123

\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123

\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125

\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165

\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003

\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145

\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106

\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163

\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023

\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040

\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171

\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101

\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\141\160\313\111\214\137\230\105\051\347\260\246\331\120

\133\172

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Verisign Class 3 Public Primary Certification Authority - G3"
```

```
#
```

```
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
```

```
# Serial Number:00:9b:7e:06:49:a3:3e:62:b9:d5:ee:90:48:71:29:ef:57
```

```
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
```

```
# Not Valid Before: Fri Oct 01 00:00:00 1999
```

```
# Not Valid After : Wed Jul 16 23:59:59 2036
```

```
# Fingerprint (MD5): CD:68:B6:A7:C7:C4:CE:75:E0:1D:4F:57:44:61:92:09
```

```
# Fingerprint (SHA1): 13:2D:0D:45:53:4B:69:97:CD:B2:D5:C3:39:E2:55:76:60:9B:5C:C6
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Verisign Class 3 Public Primary Certification Authority - G3"
```

```
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

```
CKA_SUBJECT MULTILINE_OCTAL
```

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

```
END
```

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
```

\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\233\176\006\111\243\076\142\271\325\356\220\110\161  
\051\357\127

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\032\060\202\003\002\002\021\000\233\176\006\111\243  
\076\142\271\325\356\220\110\161\051\357\127\060\015\006\011\052  
\206\110\206\367\015\001\001\005\005\000\060\201\312\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006\003  
\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040\111  
\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126\145  
\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145\164  
\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061\050  
\143\051\040\061\071\071\071\040\126\145\162\151\123\151\147\156  
\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151\123  
\151\147\156\040\103\154\141\163\163\040\063\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\063\060\036\027\015\071\071\061\060\060  
\061\060\060\060\060\060\060\132\027\015\063\066\060\067\061\066  
\062\063\065\071\065\071\132\060\201\312\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\027\060\025\006\003\125\004\012  
\023\016\126\145\162\151\123\151\147\156\054\040\111\156\143\056  
\061\037\060\035\006\003\125\004\013\023\026\126\145\162\151\123  
\151\147\156\040\124\162\165\163\164\040\116\145\164\167\157\162  
\153\061\072\060\070\006\003\125\004\013\023\061\050\143\051\040  
\061\071\071\071\040\126\145\162\151\123\151\147\156\054\040\111  
\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105\060  
\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147\156  
\040\103\154\141\163\163\040\063\040\120\165\142\154\151\143\040  
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\313\272\234\122\374\170\037\032\036\157\033  
\067\163\275\370\311\153\224\022\060\117\360\066\107\365\320\221  
\012\365\027\310\245\141\301\026\100\115\373\212\141\220\345\166  
\040\301\021\006\175\253\054\156\246\365\021\101\216\372\055\255  
\052\141\131\244\147\046\114\320\350\274\122\133\160\040\004\130  
\321\172\311\244\151\274\203\027\144\255\005\213\274\320\130\316

\215\214\365\353\360\102\111\013\235\227\047\147\062\156\341\256  
\223\025\034\160\274\040\115\057\030\336\222\210\350\154\205\127  
\021\032\351\176\343\046\021\124\242\105\226\125\203\312\060\211  
\350\334\330\243\355\052\200\077\177\171\145\127\076\025\040\146  
\010\057\225\223\277\252\107\057\250\106\227\360\022\342\376\302  
\012\053\121\346\166\346\267\106\267\342\015\246\314\250\303\114  
\131\125\211\346\350\123\134\034\352\235\360\142\026\013\247\311  
\137\014\360\336\302\166\316\257\367\152\362\372\101\246\242\063  
\024\311\345\172\143\323\236\142\067\325\205\145\236\016\346\123  
\044\164\033\136\035\022\123\133\307\054\347\203\111\073\025\256  
\212\150\271\127\227\002\003\001\000\001\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\021\024  
\226\301\253\222\010\367\077\057\311\262\376\344\132\237\144\336  
\333\041\117\206\231\064\166\066\127\335\320\025\057\305\255\177  
\025\037\067\142\163\076\324\347\137\316\027\003\333\065\372\053  
\333\256\140\011\137\036\137\217\156\273\013\075\352\132\023\036  
\014\140\157\265\300\265\043\042\056\007\013\313\251\164\313\107  
\273\035\301\327\245\153\314\057\322\102\375\111\335\247\211\317  
\123\272\332\000\132\050\277\202\337\370\272\023\035\120\206\202  
\375\216\060\217\051\106\260\036\075\065\332\070\142\026\030\112  
\255\346\266\121\154\336\257\142\353\001\320\036\044\376\172\217  
\022\032\022\150\270\373\146\231\024\024\105\134\256\347\256\151  
\027\201\053\132\067\311\136\052\364\306\342\241\134\124\233\246  
\124\000\317\360\361\301\307\230\060\032\073\066\026\333\243\156  
\352\375\255\262\302\332\357\002\107\023\212\300\361\263\061\255  
\117\034\341\117\234\257\017\014\235\367\170\015\330\364\065\126  
\200\332\267\155\027\217\235\036\201\144\341\376\305\105\272\255  
\153\271\012\172\116\117\113\204\356\113\361\175\335\021

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Verisign Class 3 Public Primary Certification Authority - G3"  
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US  
# Serial Number:00:9b:7e:06:49:a3:3e:62:b9:d5:ee:90:48:71:29:ef:57  
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US  
# Not Valid Before: Fri Oct 01 00:00:00 1999  
# Not Valid After : Wed Jul 16 23:59:59 2036  
# Fingerprint (MD5): CD:68:B6:A7:C7:C4:CE:75:E0:1D:4F:57:44:61:92:09  
# Fingerprint (SHA1): 13:2D:0D:45:53:4B:69:97:CD:B2:D5:C3:39:E2:55:76:60:9B:5C:C6  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Verisign Class 3 Public Primary Certification Authority - G3"

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\023\055\015\105\123\113\151\227\315\262\325\303\071\342\125\166
\140\233\134\306
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\150\266\247\307\304\316\165\340\035\117\127\104\141\222\011
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\233\176\006\111\243\076\142\271\325\356\220\110\161
\051\357\127
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Distrust "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 1/3)"
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:4c:00:36:1b:e5:08:2b:a9:aa:ce:74:0a:05:3e:fb:34
# Subject: CN=Egypt Trust Class 3 Managed PKI Enterprise Administrator CA,OU=Terms of use at
https://www.egypttrust.com/repository/rpa (c)08,OU=VeriSign Trust Network,O=Egypt Trust,C=EG
# Not Valid Before: Sun May 18 00:00:00 2008
# Not Valid After : Thu May 17 23:59:59 2018
# Fingerprint (MD5): A7:91:05:96:B1:56:01:26:4E:BF:80:80:08:86:1B:4D
# Fingerprint (SHA1): 6A:2C:5C:B0:94:D5:E0:B7:57:FB:0F:58:42:AA:C8:13:A5:80:2F:E1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 1/3)"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
```

```
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\114\000\066\033\345\010\053\251\252\316\164\012\005\076
\373\064
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Distrust "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 2/3)"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:3e:0c:9e:87:69:aa:95:5c:ea:23:d8:45:9e:d4:5b:51

# Subject: CN=Egypt Trust Class 3 Managed PKI Operational Administrator CA,OU=Terms of use at <https://www.egypttrust.com/repository/rpa> (c)08,OU=VeriSign Trust Network,O=Egypt Trust,C=EG

# Not Valid Before: Sun May 18 00:00:00 2008

# Not Valid After : Thu May 17 23:59:59 2018

# Fingerprint (MD5): D0:C3:71:17:3E:39:80:C6:50:4F:04:22:DF:40:E1:34

# Fingerprint (SHA1): 9C:65:5E:D5:FA:E3:B8:96:4D:89:72:F6:3A:63:53:59:3F:5E:B4:4E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 2/3)"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
```

```
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\076\014\236\207\151\252\225\134\352\043\330\105\236\324
\133\121
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

# Distrust "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 3/3)"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:12:bd:26:a2:ae:33:c0:7f:24:7b:6a:58:69:f2:0a:76

# Subject: CN=Egypt Trust Class 3 Managed PKI SCO Administrator CA,OU=Terms of use at

<https://www.egypttrust.com/repository/rpa> (c)08,OU=VeriSign Trust Network,O=Egypt Trust,C=EG

# Not Valid Before: Sun May 18 00:00:00 2008

# Not Valid After : Thu May 17 23:59:59 2018

# Fingerprint (MD5): C2:13:5E:B2:67:8A:5C:F7:91:EF:8F:29:0F:9B:77:6E

# Fingerprint (SHA1): 83:23:F1:4F:BC:9F:9B:80:B7:9D:ED:14:CD:01:57:CD:FB:08:95:D2

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Distrust: O=Egypt Trust, OU=VeriSign Trust Network (cert 3/3)"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\022\275\046\242\256\063\300\177\044\173\152\130\151\362
\012\166
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust.net Premium 2048 Secure Server CA"
#
# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Serial Number: 946069240 (0x3863def8)
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net
Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029
# Fingerprint (MD5): EE:29:31:BC:32:7E:9A:E6:E8:B5:F7:51:B4:34:71:90
# Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
```



\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\050\062\060\064\070\051  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\004\070\143\336\370  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\004\052\060\202\003\022\240\003\002\001\002\002\004\070  
\143\336\370\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\060\201\264\061\024\060\022\006\003\125\004\012\023\013  
\105\156\164\162\165\163\164\056\156\145\164\061\100\060\076\006  
\003\125\004\013\024\067\167\167\167\056\145\156\164\162\165\163  
\164\056\156\145\164\057\103\120\123\137\062\060\064\070\040\151  
\156\143\157\162\160\056\040\142\171\040\162\145\146\056\040\050  
\154\151\155\151\164\163\040\154\151\141\142\056\051\061\045\060  
\043\006\003\125\004\013\023\034\050\143\051\040\061\071\071\071  
\040\105\156\164\162\165\163\164\056\156\145\164\040\114\151\155  
\151\164\145\144\061\063\060\061\006\003\125\004\003\023\052\105  
\156\164\162\165\163\164\056\156\145\164\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\050\062\060\064\070\051\060\036\027\015\071\071\061  
\062\062\064\061\067\065\060\065\061\132\027\015\062\071\060\067  
\062\064\061\064\061\065\061\062\132\060\201\264\061\024\060\022  
\006\003\125\004\012\023\013\105\156\164\162\165\163\164\056\156  
\145\164\061\100\060\076\006\003\125\004\013\024\067\167\167\167  
\056\145\156\164\162\165\163\164\056\156\145\164\057\103\120\123  
\137\062\060\064\070\040\151\156\143\157\162\160\056\040\142\171  
\040\162\145\146\056\040\050\154\151\155\151\164\163\040\154\151  
\141\142\056\051\061\045\060\043\006\003\125\004\013\023\034\050  
\143\051\040\061\071\071\071\040\105\156\164\162\165\163\164\056  
\156\145\164\040\114\151\155\151\164\145\144\061\063\060\061\006  
\003\125\004\003\023\052\105\156\164\162\165\163\164\056\156\145  
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\040\050\062\060\064\070\051  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001  
\000\255\115\113\251\022\206\262\352\243\040\007\025\026\144\052  
\053\113\321\277\013\112\115\216\355\200\166\245\147\267\170\100  
\300\163\102\310\150\300\333\123\053\335\136\270\166\230\065\223  
\213\032\235\174\023\072\016\037\133\267\036\317\345\044\024\036  
\261\201\251\215\175\270\314\153\113\003\361\002\014\334\253\245  
\100\044\000\177\164\224\241\235\010\051\263\210\013\365\207\167  
\235\125\315\344\303\176\327\152\144\253\205\024\206\225\133\227  
\062\120\157\075\310\272\146\014\343\374\275\270\111\301\166\211  
\111\031\375\300\250\275\211\243\147\057\306\237\274\161\031\140  
\270\055\351\054\311\220\166\146\173\224\342\257\170\326\145\123  
\135\074\326\234\262\317\051\003\371\057\244\120\262\324\110\316

\005\062\125\212\375\262\144\114\016\344\230\007\165\333\177\337  
\271\010\125\140\205\060\051\371\173\110\244\151\206\343\065\077  
\036\206\135\172\172\025\275\357\000\216\025\042\124\027\000\220  
\046\223\274\016\111\150\221\277\370\107\323\235\225\102\301\016  
\115\337\157\046\317\303\030\041\142\146\103\160\326\325\300\007  
\341\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\125\344\201\321\021\200\276\330\211\271  
\010\243\061\371\241\044\011\026\271\160\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\073\233  
\217\126\233\060\347\123\231\174\172\171\247\115\227\327\031\225  
\220\373\006\037\312\063\174\106\143\217\226\146\044\372\100\033  
\041\047\312\346\162\163\362\117\376\061\231\375\310\014\114\150  
\123\306\200\202\023\230\372\266\255\332\135\075\361\316\156\366  
\025\021\224\202\014\356\077\225\257\021\253\017\327\057\336\037  
\003\217\127\054\036\311\273\232\032\104\225\353\030\117\246\037  
\315\175\127\020\057\233\004\011\132\204\265\156\330\035\072\341  
\326\236\321\154\171\136\171\034\024\305\343\320\114\223\073\145  
\074\355\337\075\276\246\345\225\032\303\265\031\303\275\136\133  
\273\377\043\357\150\031\313\022\223\047\134\003\055\157\060\320  
\036\266\032\254\336\132\367\321\252\250\047\246\376\171\201\304  
\171\231\063\127\272\022\260\251\340\102\154\223\312\126\336\376  
\155\204\013\010\213\176\215\352\327\230\041\306\363\347\074\171  
\057\136\234\321\114\025\215\341\354\042\067\314\232\103\013\227  
\334\200\220\215\263\147\233\157\110\010\025\126\317\277\361\053  
\174\136\232\166\351\131\220\305\174\203\065\021\145\121

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Entrust.net Premium 2048 Secure Server CA"  
# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net  
Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net  
# Serial Number: 946069240 (0x3863def8)  
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net  
Limited,OU=www.entrust.net/CPS\_2048 incorp. by ref. (limits liab.),O=Entrust.net  
# Not Valid Before: Fri Dec 24 17:50:51 1999  
# Not Valid After : Tue Jul 24 14:15:12 2029  
# Fingerprint (MD5): EE:29:31:BC:32:7E:9A:E6:E8:B5:F7:51:B4:34:71:90  
# Fingerprint (SHA1): 50:30:06:09:1D:97:D4:F5:AE:39:F7:CB:E7:92:7D:7D:65:2D:34:31  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\120\060\006\011\035\227\324\365\256\071\367\313\347\222\175\175  
\145\055\064\061

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\356\051\061\274\062\176\232\346\350\265\367\121\264\064\161\220

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156  
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125  
\004\013\024\067\167\167\167\056\145\156\164\162\165\163\164\056  
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143  
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151  
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006  
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105  
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164  
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164  
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\050\062\060\064\070\051

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\070\143\336\370

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Baltimore CyberTrust Root"

#

# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

# Serial Number: 33554617 (0x20000b9)

# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

# Not Valid Before: Fri May 12 18:46:00 2000

# Not Valid After : Mon May 12 23:59:00 2025

# Fingerprint (MD5): AC:B6:94:A5:9C:17:E0:D7:91:52:9B:B1:97:06:A6:E4

# Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Baltimore CyberTrust Root"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061  
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155  
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171

\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004  
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142  
\145\162\124\162\165\163\164\040\122\157\157\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061  
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155  
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171  
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004  
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142  
\145\162\124\162\165\163\164\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\002\000\000\271

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\167\060\202\002\137\240\003\002\001\002\002\004\002  
\000\000\271\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\111  
\105\061\022\060\020\006\003\125\004\012\023\011\102\141\154\164  
\151\155\157\162\145\061\023\060\021\006\003\125\004\013\023\012  
\103\171\142\145\162\124\162\165\163\164\061\042\060\040\006\003  
\125\004\003\023\031\102\141\154\164\151\155\157\162\145\040\103  
\171\142\145\162\124\162\165\163\164\040\122\157\157\164\060\036  
\027\015\060\060\060\065\061\062\061\070\064\066\060\060\132\027  
\015\062\065\060\065\061\062\062\063\065\071\060\060\132\060\132  
\061\013\060\011\006\003\125\004\006\023\002\111\105\061\022\060  
\020\006\003\125\004\012\023\011\102\141\154\164\151\155\157\162  
\145\061\023\060\021\006\003\125\004\013\023\012\103\171\142\145  
\162\124\162\165\163\164\061\042\060\040\006\003\125\004\003\023  
\031\102\141\154\164\151\155\157\162\145\040\103\171\142\145\162  
\124\162\165\163\164\040\122\157\157\164\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\243\004\273\042\253  
\230\075\127\350\046\162\232\265\171\324\051\342\341\350\225\200  
\261\260\343\133\216\053\051\232\144\337\241\135\355\260\011\005  
\155\333\050\056\316\142\242\142\376\264\210\332\022\353\070\353  
\041\235\300\101\053\001\122\173\210\167\323\034\217\307\272\271  
\210\265\152\011\347\163\350\021\100\247\321\314\312\142\215\055  
\345\217\013\246\120\322\250\120\303\050\352\365\253\045\207\212  
\232\226\034\251\147\270\077\014\325\367\371\122\023\057\302\033  
\325\160\160\360\217\300\022\312\006\313\232\341\331\312\063\172  
\167\326\370\354\271\361\150\104\102\110\023\322\300\302\244\256  
\136\140\376\266\246\005\374\264\335\007\131\002\324\131\030\230  
\143\365\245\143\340\220\014\175\135\262\006\172\363\205\352\353  
\324\003\256\136\204\076\137\377\025\355\151\274\371\071\066\162  
\165\317\167\122\115\363\311\220\054\271\075\345\311\043\123\077

\037\044\230\041\134\007\231\051\275\306\072\354\347\156\206\072  
\153\227\164\143\063\275\150\030\061\360\170\215\166\277\374\236  
\216\135\052\206\247\115\220\334\047\032\071\002\003\001\000\001  
\243\105\060\103\060\035\006\003\125\035\016\004\026\004\024\345  
\235\131\060\202\107\130\314\254\372\010\124\066\206\173\072\265  
\004\115\360\060\022\006\003\125\035\023\001\001\377\004\010\060  
\006\001\001\377\002\001\003\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\205\014\135\216\344  
\157\121\150\102\005\240\335\273\117\047\045\204\003\275\367\144  
\375\055\327\060\343\244\020\027\353\332\051\051\266\171\077\166  
\366\031\023\043\270\020\012\371\130\244\324\141\160\275\004\141  
\152\022\212\027\325\012\275\305\274\060\174\326\351\014\045\215  
\206\100\117\354\314\243\176\070\306\067\021\117\355\335\150\061  
\216\114\322\263\001\164\356\276\165\136\007\110\032\177\160\377  
\026\134\204\300\171\205\270\005\375\177\276\145\021\243\017\300  
\002\264\370\122\067\071\004\325\251\061\172\030\277\240\052\364  
\022\231\367\243\105\202\343\074\136\365\235\236\265\310\236\174  
\056\310\244\236\116\010\024\113\155\375\160\155\153\032\143\275  
\144\346\037\267\316\360\362\237\056\273\033\267\362\120\210\163  
\222\302\342\343\026\215\232\062\002\253\216\030\335\351\020\021  
\356\176\065\253\220\257\076\060\224\172\320\063\075\247\145\017  
\365\374\216\236\142\317\107\104\054\001\135\273\035\265\062\322  
\107\322\070\056\320\376\201\334\062\152\036\265\356\074\325\374  
\347\201\035\031\303\044\102\352\143\071\251

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Baltimore CyberTrust Root"

# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

# Serial Number: 33554617 (0x20000b9)

# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE

# Not Valid Before: Fri May 12 18:46:00 2000

# Not Valid After : Mon May 12 23:59:00 2025

# Fingerprint (MD5): AC:B6:94:A5:9C:17:E0:D7:91:52:9B:B1:97:06:A6:E4

# Fingerprint (SHA1): D4:DE:20:D0:5E:66:FC:53:FE:1A:50:88:2C:78:DB:28:52:CA:E4:74

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Baltimore CyberTrust Root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\324\336\040\320\136\146\374\123\376\032\120\210\054\170\333\050  
\122\312\344\164

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\254\266\224\245\234\027\340\327\221\122\233\261\227\006\246\344

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\111\105\061  
\022\060\020\006\003\125\004\012\023\011\102\141\154\164\151\155  
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171  
\142\145\162\124\162\165\163\164\061\042\060\040\006\003\125\004  
\003\023\031\102\141\154\164\151\155\157\162\145\040\103\171\142  
\145\162\124\162\165\163\164\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\002\000\000\271

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Entrust Root Certification Authority"

#

# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is  
incorporated by reference,O="Entrust, Inc.",C=US

# Serial Number: 1164660820 (0x456b5054)

# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is  
incorporated by reference,O="Entrust, Inc.",C=US

# Not Valid Before: Mon Nov 27 20:23:42 2006

# Not Valid After : Fri Nov 27 20:53:42 2026

# Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4

# Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004  
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156  
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160  
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145  
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143  
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040  
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105  
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162

\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004  
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156  
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160  
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145  
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143  
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040  
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105  
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\105\153\120\124

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\221\060\202\003\171\240\003\002\001\002\002\004\105  
\153\120\124\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\060\201\260\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164  
\162\165\163\164\054\040\111\156\143\056\061\071\060\067\006\003  
\125\004\013\023\060\167\167\167\056\145\156\164\162\165\163\164  
\056\156\145\164\057\103\120\123\040\151\163\040\151\156\143\157  
\162\160\157\162\141\164\145\144\040\142\171\040\162\145\146\145  
\162\145\156\143\145\061\037\060\035\006\003\125\004\013\023\026  
\050\143\051\040\062\060\060\066\040\105\156\164\162\165\163\164  
\054\040\111\156\143\056\061\055\060\053\006\003\125\004\003\023  
\044\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171\060\036\027\015\060\066\061\061\062\067\062  
\060\062\063\064\062\132\027\015\062\066\061\061\062\067\062\060  
\065\063\064\062\132\060\201\260\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015  
\105\156\164\162\165\163\164\054\040\111\156\143\056\061\071\060  
\067\006\003\125\004\013\023\060\167\167\167\056\145\156\164\162  
\165\163\164\056\156\145\164\057\103\120\123\040\151\163\040\151  
\156\143\157\162\160\157\162\141\164\145\144\040\142\171\040\162  
\145\146\145\162\145\156\143\145\061\037\060\035\006\003\125\004  
\013\023\026\050\143\051\040\062\060\060\066\040\105\156\164\162  
\165\163\164\054\040\111\156\143\056\061\055\060\053\006\003\125  
\004\003\023\044\105\156\164\162\165\163\164\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011

\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\266\225\266\103\102\372\306  
\155\052\157\110\337\224\114\071\127\005\356\303\171\021\101\150  
\066\355\354\376\232\001\217\241\070\050\374\367\020\106\146\056  
\115\036\032\261\032\116\306\321\300\225\210\260\311\377\061\213  
\063\003\333\267\203\173\076\040\204\136\355\262\126\050\247\370  
\340\271\100\161\067\305\313\107\016\227\052\150\300\042\225\142  
\025\333\107\331\365\320\053\377\202\113\311\255\076\336\114\333  
\220\200\120\077\011\212\204\000\354\060\012\075\030\315\373\375  
\052\131\232\043\225\027\054\105\236\037\156\103\171\155\014\134  
\230\376\110\247\305\043\107\134\136\375\156\347\036\264\366\150  
\105\321\206\203\133\242\212\215\261\343\051\200\376\045\161\210  
\255\276\274\217\254\122\226\113\252\121\215\344\023\061\031\350  
\116\115\237\333\254\263\152\325\274\071\124\161\312\172\172\177  
\220\335\175\035\200\331\201\273\131\046\302\021\376\346\223\342  
\367\200\344\145\373\064\067\016\051\200\160\115\257\070\206\056  
\236\177\127\257\236\027\256\353\034\313\050\041\137\266\034\330  
\347\242\004\042\371\323\332\330\313\002\003\001\000\001\243\201  
\260\060\201\255\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\053\006\003\125\035\020\004\044\060\042  
\200\017\062\060\060\066\061\061\062\067\062\060\062\063\064\062  
\132\201\017\062\060\062\066\061\061\062\067\062\060\065\063\064  
\062\132\060\037\006\003\125\035\043\004\030\060\026\200\024\150  
\220\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373  
\204\275\155\060\035\006\003\125\035\016\004\026\004\024\150\220  
\344\147\244\246\123\200\307\206\146\244\361\367\113\103\373\204  
\275\155\060\035\006\011\052\206\110\206\366\175\007\101\000\004  
\020\060\016\033\010\126\067\056\061\072\064\056\060\003\002\004  
\220\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\223\324\060\260\327\003\040\052\320\371\143  
\350\221\014\005\040\251\137\031\312\173\162\116\324\261\333\320  
\226\373\124\132\031\054\014\010\367\262\274\205\250\235\177\155  
\073\122\263\052\333\347\324\204\214\143\366\017\313\046\001\221  
\120\154\364\137\024\342\223\164\300\023\236\060\072\120\343\264  
\140\305\034\360\042\104\215\161\107\254\310\032\311\351\233\232  
\000\140\023\377\160\176\137\021\115\111\033\263\025\122\173\311  
\124\332\277\235\225\257\153\232\330\236\351\361\344\103\215\342  
\021\104\072\277\257\275\203\102\163\122\213\252\273\247\051\317  
\365\144\034\012\115\321\274\252\254\237\052\320\377\177\177\332  
\175\352\261\355\060\045\301\204\332\064\322\133\170\203\126\354  
\234\066\303\046\342\021\366\147\111\035\222\253\214\373\353\377  
\172\356\205\112\247\120\200\360\247\134\112\224\056\137\005\231  
\074\122\101\340\315\264\143\317\001\103\272\234\203\334\217\140  
\073\363\132\264\264\173\256\332\013\220\070\165\357\201\035\146  
\322\367\127\160\066\263\277\374\050\257\161\045\205\133\023\376  
\036\177\132\264\074

END



```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Entrust Root Certification Authority"
```

```
# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US
```

```
# Serial Number: 1164660820 (0x456b5054)
```

```
# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is
incorporated by reference,O="Entrust, Inc.",C=US
```

```
# Not Valid Before: Mon Nov 27 20:23:42 2006
```

```
# Not Valid After : Fri Nov 27 20:53:42 2026
```

```
# Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4
```

```
# Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C:84:02:DA:DC:37:D4:4D:F5:D4:67:49:52:F9
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Entrust Root Certification Authority"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\263\036\261\267\100\343\154\204\002\332\334\067\324\115\365\324
\147\111\122\371
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\326\245\303\355\135\335\076\000\301\075\207\222\037\035\077\344
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\260\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\037\060\035\006\003\125\004\013\023\026\050\143
\051\040\062\060\060\066\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\004\105\153\120\124
```

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "GeoTrust Global CA"
#
# Issuer: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Serial Number: 144470 (0x23456)
# Subject: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Tue May 21 04:00:00 2002
# Not Valid After : Sat May 21 04:00:00 2022
# Fingerprint (MD5): F7:75:AB:29:FB:51:4E:B7:77:5E:FF:05:3C:99:8E:F5
# Fingerprint (SHA1): DE:28:F4:A4:FF:E5:B9:2F:A3:C5:03:D1:A3:49:A7:F9:96:2A:82:12
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\002\064\126
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\124\060\202\002\074\240\003\002\001\002\002\003\002
\064\126\060\015\006\011\052\206\110\206\367\015\001\001\005\005
\000\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004
\003\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142
\141\154\040\103\101\060\036\027\015\060\062\060\065\062\061\060
\064\060\060\060\060\132\027\015\062\062\060\065\062\061\060\064
\060\060\060\060\132\060\102\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015\107
\145\157\124\162\165\163\164\040\111\156\143\056\061\033\060\031
\006\003\125\004\003\023\022\107\145\157\124\162\165\163\164\040
\107\154\157\142\141\154\040\103\101\060\202\001\042\060\015\006
```

\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\332\314\030\143\060\375  
\364\027\043\032\126\176\133\337\074\154\070\344\161\267\170\221  
\324\274\241\330\114\370\250\103\266\003\351\115\041\007\010\210  
\332\130\057\146\071\051\275\005\170\213\235\070\350\005\267\152  
\176\161\244\346\304\140\246\260\357\200\344\211\050\017\236\045  
\326\355\203\363\255\246\221\307\230\311\102\030\065\024\235\255  
\230\106\222\056\117\312\361\207\103\301\026\225\127\055\120\357  
\211\055\200\172\127\255\362\356\137\153\322\000\215\271\024\370  
\024\025\065\331\300\106\243\173\162\310\221\277\311\125\053\315  
\320\227\076\234\046\144\314\337\316\203\031\161\312\116\346\324  
\325\173\251\031\315\125\336\310\354\322\136\070\123\345\134\117  
\214\055\376\120\043\066\374\146\346\313\216\244\071\031\000\267  
\225\002\071\221\013\016\376\070\056\321\035\005\232\366\115\076  
\157\017\007\035\257\054\036\217\140\071\342\372\066\123\023\071  
\324\136\046\053\333\075\250\024\275\062\353\030\003\050\122\004  
\161\345\253\063\075\341\070\273\007\066\204\142\234\171\352\026  
\060\364\137\300\053\350\161\153\344\371\002\003\001\000\001\243  
\123\060\121\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\300  
\172\230\150\215\211\373\253\005\144\014\021\175\252\175\145\270  
\312\314\116\060\037\006\003\125\035\043\004\030\060\026\200\024  
\300\172\230\150\215\211\373\253\005\144\014\021\175\252\175\145  
\270\312\314\116\060\015\006\011\052\206\110\206\367\015\001\001  
\005\005\000\003\202\001\001\000\065\343\051\152\345\057\135\124  
\216\051\120\224\237\231\032\024\344\217\170\052\142\224\242\047  
\147\236\320\317\032\136\107\351\301\262\244\317\335\101\032\005  
\116\233\113\356\112\157\125\122\263\044\241\067\012\353\144\166  
\052\056\054\363\375\073\165\220\277\372\161\330\307\075\067\322  
\265\005\225\142\271\246\336\211\075\066\173\070\167\110\227\254  
\246\040\217\056\246\311\014\302\262\231\105\000\307\316\021\121  
\042\042\340\245\352\266\025\110\011\144\352\136\117\164\367\005  
\076\307\212\122\014\333\025\264\275\155\233\345\306\261\124\150  
\251\343\151\220\266\232\245\017\270\271\077\040\175\256\112\265  
\270\234\344\035\266\253\346\224\245\301\307\203\255\333\365\047  
\207\016\004\154\325\377\335\240\135\355\207\122\267\053\025\002  
\256\071\246\152\164\351\332\304\347\274\115\064\036\251\134\115  
\063\137\222\011\057\210\146\135\167\227\307\035\166\023\251\325  
\345\361\026\011\021\065\325\254\333\044\161\160\054\230\126\013  
\331\027\264\321\343\121\053\136\165\350\325\320\334\117\064\355  
\302\005\146\200\241\313\346\063

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GeoTrust Global CA"

# Issuer: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US

```

# Serial Number: 144470 (0x23456)
# Subject: CN=GeoTrust Global CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Tue May 21 04:00:00 2002
# Not Valid After : Sat May 21 04:00:00 2022
# Fingerprint (MD5): F7:75:AB:29:FB:51:4E:B7:77:5E:FF:05:3C:99:8E:F5
# Fingerprint (SHA1): DE:28:F4:A4:FF:E5:B9:2F:A3:C5:03:D1:A3:49:A7:F9:96:2A:82:12
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Global CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\336\050\364\244\377\345\271\057\243\305\003\321\243\111\247\371
\226\052\202\022
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\367\165\253\051\373\121\116\267\167\136\377\005\074\231\216\365
END
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\033\060\031\006\003\125\004\003
\023\022\107\145\157\124\162\165\163\164\040\107\154\157\142\141
\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\002\064\126
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GeoTrust Universal CA"
#
# Issuer: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After : Sun Mar 04 05:00:00 2029
# Fingerprint (MD5): 92:65:58:8B:A2:1A:31:72:73:68:5C:B4:A5:7A:07:48
# Fingerprint (SHA1): E6:21:F3:35:43:79:05:9A:4B:68:30:9D:8A:2F:74:22:15:87:EC:79
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Universal CA"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165  
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003  
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145  
\162\163\141\154\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165  
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003  
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145  
\162\163\141\154\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\150\060\202\003\120\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026  
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163  
\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003\023  
\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145\162  
\163\141\154\040\103\101\060\036\027\015\060\064\060\063\060\064  
\060\065\060\060\060\060\132\027\015\062\071\060\063\060\064\060  
\065\060\060\060\060\132\060\105\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023\015  
\107\145\157\124\162\165\163\164\040\111\156\143\056\061\036\060  
\034\006\003\125\004\003\023\025\107\145\157\124\162\165\163\164  
\040\125\156\151\166\145\162\163\141\154\040\103\101\060\202\002  
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\002\017\000\060\202\002\012\002\202\002\001\000\246\025  
\125\240\243\306\340\037\214\235\041\120\327\301\276\053\133\265  
\244\236\241\331\162\130\275\000\033\114\277\141\311\024\035\105  
\202\253\306\035\200\326\075\353\020\234\072\257\155\044\370\274  
\161\001\236\006\365\174\137\036\301\016\125\312\203\232\131\060  
\256\031\313\060\110\225\355\042\067\215\364\112\232\162\146\076  
\255\225\300\340\026\000\340\020\037\053\061\016\327\224\124\323  
\102\063\240\064\035\036\105\166\335\117\312\030\067\354\205\025  
\172\031\010\374\325\307\234\360\362\251\056\020\251\222\346\075  
\130\075\251\026\150\074\057\165\041\030\177\050\167\245\341\141  
\027\267\246\351\370\036\231\333\163\156\364\012\242\041\154\356  
\332\252\205\222\146\257\366\172\153\202\332\272\042\010\065\017  
\317\102\361\065\372\152\356\176\053\045\314\072\021\344\155\257  
\163\262\166\035\255\320\262\170\147\032\244\071\034\121\013\147

|126|203|375|070|135|015|316|335|360|273|053|226|037|336|173|062  
|122|375|035|273|265|006|241|262|041|136|245|326|225|150|177|360  
|231|236|334|105|010|076|347|322|011|015|065|224|335|200|116|123  
|227|327|265|011|104|040|144|026|027|003|002|114|123|015|150|336  
|325|252|162|115|223|155|202|016|333|234|275|317|264|363|134|135  
|124|172|151|011|226|326|333|021|301|215|165|250|264|317|071|310  
|316|074|274|044|174|346|142|312|341|275|175|247|275|127|145|013  
|344|376|045|355|266|151|020|334|050|032|106|275|001|035|320|227  
|265|341|230|073|300|067|144|326|075|224|356|013|341|365|050|256  
|013|126|277|161|213|043|051|101|216|206|305|113|122|173|330|161  
|253|037|212|025|246|073|203|132|327|130|001|121|306|114|101|331  
|177|330|101|147|162|242|050|337|140|203|251|236|310|173|374|123  
|163|162|131|365|223|172|027|166|016|316|367|345|134|331|013|125  
|064|242|252|133|265|152|124|347|023|312|127|354|227|155|364|136  
|006|057|105|213|130|324|043|026|222|344|026|156|050|143|131|060  
|337|120|001|234|143|211|032|237|333|027|224|202|160|067|303|044  
|236|232|107|326|132|312|116|250|151|211|162|037|221|154|333|176  
|236|033|255|307|037|163|335|054|117|031|145|375|177|223|100|020  
|056|322|360|355|074|236|056|050|076|151|046|063|305|173|002|003  
|001|000|001|243|143|060|141|060|017|006|003|125|035|023|001|001  
|377|004|005|060|003|001|001|377|060|035|006|003|125|035|016|004  
|026|004|024|332|273|056|252|260|014|270|210|046|121|164|134|155  
|003|323|300|330|217|172|326|060|037|006|003|125|035|043|004|030  
|060|026|200|024|332|273|056|252|260|014|270|210|046|121|164|134  
|155|003|323|300|330|217|172|326|060|016|006|003|125|035|017|001  
|001|377|004|004|003|002|001|206|060|015|006|011|052|206|110|206  
|367|015|001|001|005|005|000|003|202|002|001|000|061|170|346|307  
|265|337|270|224|100|311|161|304|250|065|354|106|035|302|205|363  
|050|130|206|260|013|374|216|262|071|217|104|125|253|144|204|134  
|151|251|320|232|070|074|372|345|037|065|345|104|343|200|171|224  
|150|244|273|304|237|075|341|064|315|060|106|213|124|053|225|245  
|357|367|077|231|204|375|065|346|317|061|306|334|152|277|247|327  
|043|010|341|230|136|303|132|010|166|251|246|257|167|057|267|140  
|275|104|106|152|357|227|377|163|225|301|216|350|223|373|375|061  
|267|354|127|021|021|105|233|060|361|032|210|071|301|117|074|247  
|000|325|307|374|253|155|200|042|160|245|014|340|135|004|051|002  
|373|313|240|221|321|174|326|303|176|120|325|235|130|276|101|070  
|353|271|165|074|025|331|233|311|112|203|131|300|332|123|375|063  
|273|066|030|233|205|017|025|335|356|055|254|166|223|271|331|001  
|215|110|020|250|373|365|070|206|361|333|012|306|275|204|243|043  
|101|336|326|167|157|205|324|205|034|120|340|256|121|212|272|215  
|076|166|342|271|312|047|362|137|237|357|156|131|015|006|330|053  
|027|244|322|174|153|273|137|024|032|110|217|032|114|347|263|107  
|034|216|114|105|053|040|356|110|337|347|335|011|216|030|250|332  
|100|215|222|046|021|123|141|163|135|353|275|347|304|115|051|067  
|141|353|254|071|055|147|056|026|326|365|000|203|205|241|314|177  
|166|304|175|344|267|113|146|357|003|105|140|151|266|014|122|226  
|222|204|136|246|243|265|244|076|053|331|314|330|033|107|252|362

```
\104\332\117\371\003\350\360\024\313\077\363\203\336\320\301\124
\343\267\350\012\067\115\213\040\131\003\060\031\241\054\310\275
\021\037\337\256\311\112\305\363\047\146\146\206\254\150\221\377
\331\346\123\034\017\213\134\151\145\012\046\310\036\064\303\135
\121\173\327\251\234\006\241\066\335\325\211\224\274\331\344\055
\014\136\011\154\010\227\174\243\075\174\223\377\077\241\024\247
\317\265\135\353\333\333\034\304\166\337\210\271\275\105\005\225
\033\256\374\106\152\114\257\110\343\316\256\017\322\176\353\346
\154\234\117\201\152\172\144\254\273\076\325\347\313\166\056\305
\247\110\301\134\220\017\313\310\077\372\346\062\341\215\033\157
\244\346\216\330\371\051\110\212\316\163\376\054
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "GeoTrust Universal CA"
# Issuer: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Serial Number: 1 (0x1)
# Subject: CN=GeoTrust Universal CA,O=GeoTrust Inc.,C=US
# Not Valid Before: Thu Mar 04 05:00:00 2004
# Not Valid After : Sun Mar 04 05:00:00 2029
# Fingerprint (MD5): 92:65:58:8B:A2:1A:31:72:73:68:5C:B4:A5:7A:07:48
# Fingerprint (SHA1): E6:21:F3:35:43:79:05:9A:4B:68:30:9D:8A:2F:74:22:15:87:EC:79
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Universal CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\346\041\363\065\103\171\005\232\113\150\060\235\212\057\164\042
\025\207\354\171
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\222\145\130\213\242\032\061\162\163\150\134\264\245\172\007\110
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\036\060\034\006\003\125\004\003
\023\025\107\145\157\124\162\165\163\164\040\125\156\151\166\145
\162\163\141\154\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GeoTrust Universal CA 2"

#

# Issuer: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US

# Serial Number: 1 (0x1)

# Subject: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US

# Not Valid Before: Thu Mar 04 05:00:00 2004

# Not Valid After : Sun Mar 04 05:00:00 2029

# Fingerprint (MD5): 34:FC:B8:D0:36:DB:9E:14:B3:C2:F2:DB:8F:E4:94:C7

# Fingerprint (SHA1): 37:9A:19:7B:41:85:45:35:0C:A6:03:69:F3:3C:2E:AF:47:4F:20:79

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GeoTrust Universal CA 2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165  
\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003  
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145  
\162\163\141\154\040\103\101\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165  
\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003  
\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145  
\162\163\141\154\040\103\101\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\154\060\202\003\124\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026  
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163  
\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003\023  
\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145\162  
\163\141\154\040\103\101\040\062\060\036\027\015\060\064\060\063  
\060\064\060\065\060\060\060\060\132\027\015\062\071\060\063\060  
\064\060\065\060\060\060\060\132\060\107\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004\012



\023\015\107\145\157\124\162\165\163\164\040\111\156\143\056\061  
\040\060\036\006\003\125\004\003\023\027\107\145\157\124\162\165  
\163\164\040\125\156\151\166\145\162\163\141\154\040\103\101\040  
\062\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\263\124\122\301\311\076\362\331\334\261\123\032\131\051  
\347\261\303\105\050\345\327\321\355\305\305\113\241\252\164\173  
\127\257\112\046\374\330\365\136\247\156\031\333\164\014\117\065  
\133\062\013\001\343\333\353\172\167\065\352\252\132\340\326\350  
\241\127\224\360\220\243\164\126\224\104\060\003\036\134\116\053  
\205\046\164\202\172\014\166\240\157\115\316\101\055\240\025\006  
\024\137\267\102\315\173\217\130\141\064\334\052\010\371\056\303  
\001\246\042\104\034\114\007\202\346\133\316\320\112\174\004\323  
\031\163\047\360\252\230\177\056\257\116\353\207\036\044\167\152  
\135\266\350\133\105\272\334\303\241\005\157\126\216\217\020\046  
\245\111\303\056\327\101\207\042\340\117\206\312\140\265\352\241  
\143\300\001\227\020\171\275\000\074\022\155\053\025\261\254\113  
\261\356\030\271\116\226\334\334\166\377\073\276\317\137\003\300  
\374\073\350\276\106\033\377\332\100\302\122\367\376\343\072\367  
\152\167\065\320\332\215\353\136\030\152\061\307\036\272\074\033  
\050\326\153\124\306\252\133\327\242\054\033\031\314\242\002\366  
\233\131\275\067\153\206\265\155\202\272\330\352\311\126\274\251  
\066\130\375\076\031\363\355\014\046\251\223\070\370\117\301\135  
\042\006\320\227\352\341\255\306\125\340\201\053\050\203\072\372  
\364\173\041\121\000\276\122\070\316\315\146\171\250\364\201\126  
\342\320\203\011\107\121\133\120\152\317\333\110\032\135\076\367  
\313\366\145\367\154\361\225\370\002\073\062\126\202\071\172\133  
\275\057\211\033\277\241\264\350\377\177\215\214\337\003\361\140  
\116\130\021\114\353\243\077\020\053\203\232\001\163\331\224\155  
\204\000\047\146\254\360\160\100\011\102\222\255\117\223\015\141  
\011\121\044\330\222\325\013\224\141\262\207\262\355\377\232\065  
\377\205\124\312\355\104\103\254\033\074\026\153\110\112\012\034  
\100\210\037\222\302\013\000\005\377\362\310\002\112\244\252\251  
\314\231\226\234\057\130\340\175\341\276\273\007\334\137\004\162  
\134\061\064\303\354\137\055\340\075\144\220\042\346\321\354\270  
\056\335\131\256\331\241\067\277\124\065\334\163\062\117\214\004  
\036\063\262\311\106\361\330\134\310\125\120\311\150\275\250\272  
\066\011\002\003\001\000\001\243\143\060\141\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\166\363\125\341\372\244\066\373\360  
\237\134\142\161\355\074\364\107\070\020\053\060\037\006\003\125  
\035\043\004\030\060\026\200\024\166\363\125\341\372\244\066\373  
\360\237\134\142\161\355\074\364\107\070\020\053\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\206\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001\000  
\146\301\306\043\363\331\340\056\156\137\350\317\256\260\260\045  
\115\053\370\073\130\233\100\044\067\132\313\253\026\111\377\263  
\165\171\063\241\057\155\160\027\064\221\376\147\176\217\354\233

\345\136\202\251\125\037\057\334\324\121\007\022\376\254\026\076  
\054\065\306\143\374\334\020\353\015\243\252\320\174\314\321\320  
\057\121\056\304\024\132\336\350\031\341\076\306\314\244\051\347  
\056\204\252\006\060\170\166\124\163\050\230\131\070\340\000\015  
\142\323\102\175\041\237\256\075\072\214\325\372\167\015\030\053  
\026\016\137\066\341\374\052\265\060\044\317\340\143\014\173\130  
\032\376\231\272\102\022\261\221\364\174\150\342\310\350\257\054  
\352\311\176\256\273\052\075\015\025\334\064\225\266\030\164\250  
\152\017\307\264\364\023\304\344\133\355\012\322\244\227\114\052  
\355\057\154\022\211\075\361\047\160\252\152\003\122\041\237\100  
\250\147\120\362\363\132\037\337\337\043\366\334\170\116\346\230  
\117\125\072\123\343\357\362\364\237\307\174\330\130\257\051\042  
\227\270\340\275\221\056\260\166\354\127\021\317\357\051\104\363  
\351\205\172\140\143\344\135\063\211\027\331\061\252\332\326\363  
\030\065\162\317\207\053\057\143\043\204\135\204\214\077\127\240  
\210\374\231\221\050\046\151\231\324\217\227\104\276\216\325\110  
\261\244\050\051\361\025\264\341\345\236\335\370\217\246\157\046  
\327\011\074\072\034\021\016\246\154\067\367\255\104\207\054\050  
\307\330\164\202\263\320\157\112\127\273\065\051\047\240\213\350  
\041\247\207\144\066\135\314\330\026\254\307\262\047\100\222\125  
\070\050\215\121\156\335\024\147\123\154\161\134\046\204\115\165  
\132\266\176\140\126\251\115\255\373\233\036\227\363\015\331\322  
\227\124\167\332\075\022\267\340\036\357\010\006\254\371\205\207  
\351\242\334\257\176\030\022\203\375\126\027\101\056\325\051\202  
\175\231\364\061\366\161\251\317\054\001\047\245\005\271\252\262  
\110\116\052\357\237\223\122\121\225\074\122\163\216\126\114\027  
\100\300\011\050\344\213\152\110\123\333\354\315\125\125\361\306  
\370\351\242\054\114\246\321\046\137\176\257\132\114\332\037\246  
\362\034\054\176\256\002\026\322\126\320\057\127\123\107\350\222

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GeoTrust Universal CA 2"  
# Issuer: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US  
# Serial Number: 1 (0x1)  
# Subject: CN=GeoTrust Universal CA 2,O=GeoTrust Inc.,C=US  
# Not Valid Before: Thu Mar 04 05:00:00 2004  
# Not Valid After : Sun Mar 04 05:00:00 2029  
# Fingerprint (MD5): 34:FC:B8:D0:36:DB:9E:14:B3:C2:F2:DB:8F:E4:94:C7  
# Fingerprint (SHA1): 37:9A:19:7B:41:85:45:35:0C:A6:03:69:F3:3C:2E:AF:47:4F:20:79  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "GeoTrust Universal CA 2"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\067\232\031\173\101\205\105\065\014\246\003\151\363\074\056\257

\107\117\040\171

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\064\374\270\320\066\333\236\024\263\302\362\333\217\344\224\307

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165

\163\164\040\111\156\143\056\061\040\060\036\006\003\125\004\003

\023\027\107\145\157\124\162\165\163\164\040\125\156\151\166\145

\162\163\141\154\040\103\101\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Certum Root CA"

#

# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

# Serial Number: 65568 (0x10020)

# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL

# Not Valid Before: Tue Jun 11 10:46:39 2002

# Not Valid After : Fri Jun 11 10:46:39 2027

# Fingerprint (MD5): 2C:8F:9F:66:1D:18:90:B1:47:26:9D:8E:86:82:8C:A9

# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061

\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164

\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020

\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061

\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164

\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020

\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\003\001\000\040  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\003\014\060\202\001\364\240\003\002\001\002\002\003\001  
\000\040\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145  
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060  
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103  
\101\060\036\027\015\060\062\060\066\061\061\061\060\064\066\063  
\071\132\027\015\062\067\060\066\061\061\061\060\064\066\063\071  
\132\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145  
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060  
\020\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103  
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\316\261\301\056\323\117\174\315\045\316\030\076\117\304  
\214\157\200\152\163\310\133\121\370\233\322\334\273\000\134\261  
\240\374\165\003\356\201\360\210\356\043\122\351\346\025\063\215  
\254\055\011\305\166\371\053\071\200\211\344\227\113\220\245\250  
\170\370\163\103\173\244\141\260\330\130\314\341\154\146\176\234  
\363\011\136\125\143\204\325\250\357\363\261\056\060\150\263\304  
\074\330\254\156\215\231\132\220\116\064\334\066\232\217\201\210  
\120\267\155\226\102\011\363\327\225\203\015\101\113\260\152\153  
\370\374\017\176\142\237\147\304\355\046\137\020\046\017\010\117  
\360\244\127\050\316\217\270\355\105\366\156\356\045\135\252\156  
\071\276\344\223\057\331\107\240\162\353\372\246\133\257\312\123  
\077\342\016\306\226\126\021\156\367\351\146\251\046\330\177\225  
\123\355\012\205\210\272\117\051\245\102\214\136\266\374\205\040  
\000\252\150\013\241\032\205\001\234\304\106\143\202\210\266\042  
\261\356\376\252\106\131\176\317\065\054\325\266\332\135\367\110  
\063\024\124\266\353\331\157\316\315\210\326\253\033\332\226\073  
\035\131\002\003\001\000\001\243\023\060\021\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\270\215\316\357\347\024\272\317\356\260\104\222\154\264\071\076  
\242\204\156\255\270\041\167\322\324\167\202\207\346\040\101\201  
\356\342\370\021\267\143\321\027\067\276\031\166\044\034\004\032  
\114\353\075\252\147\157\055\324\315\376\145\061\160\305\033\246  
\002\012\272\140\173\155\130\302\232\111\376\143\062\013\153\343  
\072\300\254\253\073\260\350\323\011\121\214\020\203\306\064\340  
\305\053\340\032\266\140\024\047\154\062\167\214\274\262\162\230  
\317\315\314\077\271\310\044\102\024\326\127\374\346\046\103\251  
\035\345\200\220\316\003\124\050\076\367\077\323\370\115\355\152

```
\012\072\223\023\233\073\024\043\023\143\234\077\321\207\047\171
\345\114\121\343\001\255\205\135\032\073\261\325\163\020\244\323
\362\274\156\144\365\132\126\220\250\307\016\114\164\017\056\161
\073\367\310\107\364\151\157\025\362\021\136\203\036\234\174\122
\256\375\002\332\022\250\131\147\030\333\274\160\335\233\261\151
\355\200\316\211\100\110\152\016\065\312\051\146\025\041\224\054
\350\140\052\233\205\112\100\363\153\212\044\354\006\026\054\163
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Certum Root CA"
```

```
# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
```

```
# Serial Number: 65568 (0x10020)
```

```
# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
```

```
# Not Valid Before: Tue Jun 11 10:46:39 2002
```

```
# Not Valid After : Fri Jun 11 10:46:39 2027
```

```
# Fingerprint (MD5): 2C:8F:9F:66:1D:18:90:B1:47:26:9D:8E:86:82:8C:A9
```

```
# Fingerprint (SHA1): 62:52:DC:40:F7:11:43:A2:2F:DE:9E:F7:34:8E:06:42:51:B1:81:18
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Certum Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\142\122\334\100\367\021\103\242\057\336\236\367\064\216\006\102
\121\261\201\030
```

```
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\054\217\237\146\035\030\220\261\107\046\235\216\206\202\214\251
```

```
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\076\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\033\060\031\006\003\125\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\101
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\003\001\000\040
```

```
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Comodo AAA Services root"
```

```
#
# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number: 1 (0x1)
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Thu Jan 01 00:00:00 2004
# Not Valid After : Sun Dec 31 23:59:59 2028
# Fingerprint (MD5): 49:79:04:B0:EB:87:19:AC:47:B0:BC:11:51:9B:74:D0
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\062\060\202\003\032\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040\103
\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003\125
\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151\143
```

\141\164\145\040\123\145\162\166\151\143\145\163\060\036\027\015  
\060\064\060\061\060\061\060\060\060\060\060\060\132\027\015\062  
\070\061\062\063\061\062\063\065\071\065\071\132\060\173\061\013  
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006  
\003\125\004\010\014\022\107\162\145\141\164\145\162\040\115\141  
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004  
\007\014\007\123\141\154\146\157\162\144\061\032\060\030\006\003  
\125\004\012\014\021\103\157\155\157\144\157\040\103\101\040\114  
\151\155\151\164\145\144\061\041\060\037\006\003\125\004\003\014  
\030\101\101\101\040\103\145\162\164\151\146\151\143\141\164\145  
\040\123\145\162\166\151\143\145\163\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\276\100\235\364\156\341  
\352\166\207\034\115\105\104\216\276\106\310\203\006\235\301\052  
\376\030\037\216\344\002\372\363\253\135\120\212\026\061\013\232  
\006\320\305\160\042\315\111\055\124\143\314\266\156\150\106\013  
\123\352\313\114\044\300\274\162\116\352\361\025\256\364\124\232  
\022\012\303\172\262\063\140\342\332\211\125\363\042\130\363\336  
\334\317\357\203\206\242\214\224\117\237\150\362\230\220\106\204  
\047\307\166\277\343\314\065\054\213\136\007\144\145\202\300\110  
\260\250\221\371\141\237\166\040\120\250\221\307\146\265\353\170  
\142\003\126\360\212\032\023\352\061\243\036\240\231\375\070\366  
\366\047\062\130\157\007\365\153\270\373\024\053\257\267\252\314  
\326\143\137\163\214\332\005\231\250\070\250\313\027\170\066\121  
\254\351\236\364\170\072\215\317\017\331\102\342\230\014\253\057  
\237\016\001\336\357\237\231\111\361\055\337\254\164\115\033\230  
\265\107\305\345\051\321\371\220\030\307\142\234\276\203\307\046  
\173\076\212\045\307\300\335\235\346\065\150\020\040\235\217\330  
\336\322\303\204\234\015\136\350\057\311\002\003\001\000\001\243  
\201\300\060\201\275\060\035\006\003\125\035\016\004\026\004\024  
\240\021\012\043\076\226\361\007\354\342\257\051\357\202\245\177  
\320\060\244\264\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\173\006\003\125\035\037\004\164\060\162  
\060\070\240\066\240\064\206\062\150\164\164\160\072\057\057\143  
\162\154\056\143\157\155\157\144\157\143\141\056\143\157\155\057  
\101\101\101\103\145\162\164\151\146\151\143\141\164\145\123\145  
\162\166\151\143\145\163\056\143\162\154\060\066\240\064\240\062  
\206\060\150\164\164\160\072\057\057\143\162\154\056\143\157\155  
\157\144\157\056\156\145\164\057\101\101\101\103\145\162\164\151  
\146\151\143\141\164\145\123\145\162\166\151\143\145\163\056\143  
\162\154\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\003\202\001\001\000\010\126\374\002\360\233\350\377\244\372  
\326\173\306\104\200\316\117\304\305\366\000\130\314\246\266\274  
\024\111\150\004\166\350\346\356\135\354\002\017\140\326\215\120  
\030\117\046\116\001\343\346\260\245\356\277\274\164\124\101\277  
\375\374\022\270\307\117\132\364\211\140\005\177\140\267\005\112  
\363\366\361\302\277\304\271\164\206\266\055\175\153\314\322\363

```
\106\335\057\306\340\152\303\303\064\003\054\175\226\335\132\302
\016\247\012\231\301\005\213\253\014\057\363\134\072\317\154\067
\125\011\207\336\123\100\154\130\357\374\266\253\145\156\004\366
\033\334\074\340\132\025\306\236\331\361\131\110\060\041\145\003
\154\354\351\041\163\354\233\003\241\340\067\255\240\025\030\217
\372\272\002\316\247\054\251\020\023\054\324\345\010\046\253\042
\227\140\370\220\136\164\324\242\232\123\275\362\251\150\340\242
\156\302\327\154\261\243\017\236\277\353\150\347\126\362\256\362
\343\053\070\072\011\201\265\153\205\327\276\055\355\077\032\267
\262\143\342\365\142\054\202\324\152\000\101\120\361\071\203\237
\225\351\066\226\230\156
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Comodo AAA Services root"
```

```
# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
```

```
# Serial Number: 1 (0x1)
```

```
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
```

```
# Not Valid Before: Thu Jan 01 00:00:00 2004
```

```
# Not Valid After : Sun Dec 31 23:59:59 2028
```

```
# Fingerprint (MD5): 49:79:04:B0:EB:87:19:AC:47:B0:BC:11:51:9B:74:D0
```

```
# Fingerprint (SHA1): D1:EB:23:A4:6D:17:D6:8F:D9:25:64:C2:F1:F1:60:17:64:D8:E3:49
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Comodo AAA Services root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\321\353\043\244\155\027\326\217\331\045\144\302\361\361\140\027
\144\330\343\111
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\111\171\004\260\353\207\031\254\107\260\274\021\121\233\164\320
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\173\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145
\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016
\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032
\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040
\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003
\125\004\003\014\030\101\101\101\040\103\145\162\164\151\146\151
\143\141\164\145\040\123\145\162\166\151\143\145\163
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```



```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA"
#
# Issuer: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Serial Number: 985026699 (0x3ab6508b)
# Subject: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Not Valid Before: Mon Mar 19 18:33:33 2001
# Not Valid After : Wed Mar 17 18:33:33 2021
# Fingerprint (MD5): 27:DE:36:FE:72:B7:00:03:00:9D:F4:F0:1E:6C:04:24
# Fingerprint (SHA1): DE:3F:40:BD:50:93:D3:9B:6C:60:F6:DA:BC:07:62:01:00:89:76:C9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL

```

\002\004\072\266\120\213

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\320\060\202\004\270\240\003\002\001\002\002\004\072  
\266\120\213\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\060\177\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\045\060\043  
\006\003\125\004\013\023\034\122\157\157\164\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\061\056\060\054\006\003\125\004\003\023\045\121\165  
\157\126\141\144\151\163\040\122\157\157\164\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\036\027\015\060\061\060\063\061\067\061\070\063\063  
\063\063\063\132\027\015\062\061\060\063\061\067\061\070\063\063  
\063\063\132\060\177\061\013\060\011\006\003\125\004\006\023\002  
\102\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157  
\126\141\144\151\163\040\114\151\155\151\164\145\144\061\045\060  
\043\006\003\125\004\013\023\034\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\061\056\060\054\006\003\125\004\003\023\045\121  
\165\157\126\141\144\151\163\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\277\141\265\225\123\272\127\374\372\362\147  
\013\072\032\337\021\200\144\225\264\321\274\315\172\317\366\051  
\226\056\044\124\100\044\070\367\032\205\334\130\114\313\244\047  
\102\227\320\237\203\212\303\344\006\003\133\000\245\121\036\160  
\004\164\342\301\324\072\253\327\255\073\007\030\005\216\375\203  
\254\352\146\331\030\033\150\212\365\127\032\230\272\365\355\166  
\075\174\331\336\224\152\073\113\027\301\325\217\275\145\070\072  
\225\320\075\125\066\116\337\171\127\061\052\036\330\131\145\111  
\130\040\230\176\253\137\176\237\351\326\115\354\203\164\251\307  
\154\330\356\051\112\205\052\006\024\371\124\346\323\332\145\007  
\213\143\067\022\327\320\354\303\173\040\101\104\243\355\313\240  
\027\341\161\145\316\035\146\061\367\166\001\031\310\175\003\130  
\266\225\111\035\246\022\046\350\306\014\166\340\343\146\313\352  
\135\246\046\356\345\314\137\275\147\247\001\047\016\242\312\124  
\305\261\172\225\035\161\036\112\051\212\003\334\152\105\301\244  
\031\136\157\066\315\303\242\260\267\376\134\070\342\122\274\370  
\104\103\346\220\273\002\003\001\000\001\243\202\002\122\060\202  
\002\116\060\075\006\010\053\006\001\005\005\007\001\001\004\061  
\060\057\060\055\006\010\053\006\001\005\005\007\060\001\206\041  
\150\164\164\160\163\072\057\057\157\143\163\160\056\161\165\157  
\166\141\144\151\163\157\146\146\163\150\157\162\145\056\143\157  
\155\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\202\001\032\006\003\125\035\040\004\202\001\021\060

\202\001\015\060\202\001\011\006\011\053\006\001\004\001\276\130  
\000\001\060\201\373\060\201\324\006\010\053\006\001\005\005\007  
\002\002\060\201\307\032\201\304\122\145\154\151\141\156\143\145  
\040\157\156\040\164\150\145\040\121\165\157\126\141\144\151\163  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\145\040\142\171\040\141\156\171\040\160\141\162\164\171\040\141  
\163\163\165\155\145\163\040\141\143\143\145\160\164\141\156\143  
\145\040\157\146\040\164\150\145\040\164\150\145\156\040\141\160  
\160\154\151\143\141\142\154\145\040\163\164\141\156\144\141\162  
\144\040\164\145\162\155\163\040\141\156\144\040\143\157\156\144  
\151\164\151\157\156\163\040\157\146\040\165\163\145\054\040\143  
\145\162\164\151\146\151\143\141\164\151\157\156\040\160\162\141  
\143\164\151\143\145\163\054\040\141\156\144\040\164\150\145\040  
\121\165\157\126\141\144\151\163\040\103\145\162\164\151\146\151  
\143\141\164\145\040\120\157\154\151\143\171\056\060\042\006\010  
\053\006\001\005\005\007\002\001\026\026\150\164\164\160\072\057  
\057\167\167\167\056\161\165\157\166\141\144\151\163\056\142\155  
\060\035\006\003\125\035\016\004\026\004\024\213\113\155\355\323  
\051\271\006\031\354\071\071\251\360\227\204\152\313\357\337\060  
\201\256\006\003\125\035\043\004\201\246\060\201\243\200\024\213  
\113\155\355\323\051\271\006\031\354\071\071\251\360\227\204\152  
\313\357\337\241\201\204\244\201\201\060\177\061\013\060\011\006  
\003\125\004\006\023\002\102\115\061\031\060\027\006\003\125\004  
\012\023\020\121\165\157\126\141\144\151\163\040\114\151\155\151  
\164\145\144\061\045\060\043\006\003\125\004\013\023\034\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\061\056\060\054\006\003  
\125\004\003\023\045\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\202\004\072\266\120\213  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\212\324\024\265\376\364\232\222\247\031\324\244  
\176\162\030\217\331\150\174\122\044\335\147\157\071\172\304\252  
\136\075\342\130\260\115\160\230\204\141\350\033\343\151\030\016  
\316\373\107\120\240\116\377\360\044\037\275\262\316\365\047\374  
\354\057\123\252\163\173\003\075\164\156\346\026\236\353\245\056  
\304\277\126\047\120\053\142\272\276\113\034\074\125\134\101\035  
\044\276\202\040\107\135\325\104\176\172\026\150\337\175\115\121  
\160\170\127\035\063\036\375\002\231\234\014\315\012\005\117\307  
\273\216\244\165\372\112\155\261\200\216\011\126\271\234\032\140  
\376\135\301\327\172\334\021\170\320\326\135\301\267\325\255\062  
\231\003\072\212\314\124\045\071\061\201\173\023\042\121\272\106  
\154\241\273\236\372\004\154\111\046\164\217\322\163\353\314\060  
\242\346\352\131\042\207\370\227\365\016\375\352\314\222\244\026  
\304\122\030\352\041\316\261\361\346\204\201\345\272\251\206\050  
\362\103\132\135\022\235\254\036\331\250\345\012\152\247\177\240  
\207\051\317\362\211\115\324\354\305\342\346\172\320\066\043\212

```

\112\164\066\371
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "QuoVadis Root CA"
# Issuer: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Serial Number: 985026699 (0x3ab6508b)
# Subject: CN=QuoVadis Root Certification Authority,OU=Root Certification Authority,O=QuoVadis
Limited,C=BM
# Not Valid Before: Mon Mar 19 18:33:33 2001
# Not Valid After : Wed Mar 17 18:33:33 2021
# Fingerprint (MD5): 27:DE:36:FE:72:B7:00:03:00:9D:F4:F0:1E:6C:04:24
# Fingerprint (SHA1): DE:3F:40:BD:50:93:D3:9B:6C:60:F6:DA:BC:07:62:01:00:89:76:C9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\336\077\100\275\120\223\323\233\154\140\366\332\274\007\142\001
\000\211\166\311
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\047\336\066\376\162\267\000\003\000\235\364\360\036\154\004\044
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\045\060\043\006\003
\125\004\013\023\034\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\056\060\054\006\003\125\004\003\023\045\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\072\266\120\213
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#

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# Certificate "QuoVadis Root CA 2"
#
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Serial Number: 1289 (0x509)
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 18:27:00 2006
# Not Valid After : Mon Nov 24 18:23:33 2031
# Fingerprint (MD5): 5E:39:7B:DD:F8:BA:EC:82:E9:AC:62:BA:0C:54:00:2B
# Fingerprint (SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\011
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\267\060\202\003\237\240\003\002\001\002\002\002\005
\011\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\060\036\027\015\060\066\061\061\062
\064\061\070\062\067\060\060\132\027\015\063\061\061\061\062\064
\061\070\062\063\063\063\132\060\105\061\013\060\011\006\003\125
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126
\141\144\151\163\040\122\157\157\164\040\103\101\040\062\060\202
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005

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\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\232  
\030\312\113\224\015\000\055\257\003\051\212\360\017\201\310\256  
\114\031\205\035\010\237\253\051\104\205\363\057\201\255\062\036  
\220\106\277\243\206\046\032\036\376\176\034\030\072\134\234\140  
\027\052\072\164\203\063\060\175\141\124\021\313\355\253\340\346  
\322\242\176\365\153\157\030\267\012\013\055\375\351\076\357\012  
\306\263\020\351\334\302\106\027\370\135\375\244\332\377\236\111  
\132\234\346\063\346\044\226\367\077\272\133\053\034\172\065\302  
\326\147\376\253\146\120\213\155\050\140\053\357\327\140\303\307  
\223\274\215\066\221\363\177\370\333\021\023\304\234\167\166\301  
\256\267\002\152\201\172\251\105\203\342\005\346\271\126\301\224  
\067\217\110\161\143\042\354\027\145\007\225\212\113\337\217\306  
\132\012\345\260\343\137\136\153\021\253\014\371\205\353\104\351  
\370\004\163\362\351\376\134\230\214\365\163\257\153\264\176\315  
\324\134\002\053\114\071\341\262\225\225\055\102\207\327\325\263  
\220\103\267\154\023\361\336\335\366\304\370\211\077\321\165\365  
\222\303\221\325\212\210\320\220\354\334\155\336\211\302\145\161  
\226\213\015\003\375\234\277\133\026\254\222\333\352\376\171\174  
\255\353\257\367\026\313\333\315\045\053\345\037\373\232\237\342  
\121\314\072\123\014\110\346\016\275\311\264\166\006\122\346\021  
\023\205\162\143\003\004\340\004\066\053\040\031\002\350\164\247  
\037\266\311\126\146\360\165\045\334\147\301\016\141\140\210\263  
\076\321\250\374\243\332\035\260\321\261\043\124\337\104\166\155  
\355\101\330\301\262\042\266\123\034\337\065\035\334\241\167\052  
\061\344\055\365\345\345\333\310\340\377\345\200\327\013\143\240  
\377\063\241\017\272\054\025\025\352\227\263\322\242\265\276\362  
\214\226\036\032\217\035\154\244\141\067\271\206\163\063\327\227  
\226\236\043\175\202\244\114\201\342\241\321\272\147\137\225\007  
\243\047\021\356\026\020\173\274\105\112\114\262\004\322\253\357  
\325\375\014\121\316\120\152\010\061\371\221\332\014\217\144\134  
\003\303\072\213\040\077\156\215\147\075\072\326\376\175\133\210  
\311\136\373\314\141\334\213\063\167\323\104\062\065\011\142\004  
\222\026\020\330\236\047\107\373\073\041\343\370\353\035\133\002  
\003\001\000\001\243\201\260\060\201\255\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003\125  
\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016\004  
\026\004\024\032\204\142\274\110\114\063\045\004\324\356\320\366  
\003\304\031\106\321\224\153\060\156\006\003\125\035\043\004\147  
\060\145\200\024\032\204\142\274\110\114\063\045\004\324\356\320  
\366\003\304\031\106\321\224\153\241\111\244\107\060\105\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\033\060\031\006\003\125\004\003\023  
\022\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\062\202\002\005\011\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\002\001\000\076\012\026\115\237  
\006\133\250\256\161\135\057\005\057\147\346\023\105\203\304\066  
\366\363\300\046\014\015\265\107\144\135\370\264\162\311\106\245

\003\030\047\125\211\170\175\166\352\226\064\200\027\040\334\347  
\203\370\215\374\007\270\332\137\115\056\147\262\204\375\331\104  
\374\167\120\201\346\174\264\311\015\013\162\123\370\166\007\007  
\101\107\226\014\373\340\202\046\223\125\214\376\042\037\140\145  
\174\137\347\046\263\367\062\220\230\120\324\067\161\125\366\222  
\041\170\367\225\171\372\370\055\046\207\146\126\060\167\246\067  
\170\063\122\020\130\256\077\141\216\362\152\261\357\030\176\112  
\131\143\312\215\242\126\325\247\057\274\126\037\317\071\301\342  
\373\012\250\025\054\175\115\172\143\306\154\227\104\074\322\157  
\303\112\027\012\370\220\322\127\242\031\121\245\055\227\101\332  
\007\117\251\120\332\220\215\224\106\341\076\360\224\375\020\000  
\070\365\073\350\100\341\264\156\126\032\040\314\157\130\215\355  
\056\105\217\326\351\223\077\347\261\054\337\072\326\042\214\334  
\204\273\042\157\320\370\344\306\071\351\004\210\074\303\272\353  
\125\172\155\200\231\044\365\154\001\373\370\227\260\224\133\353  
\375\322\157\361\167\150\015\065\144\043\254\270\125\241\003\321  
\115\102\031\334\370\165\131\126\243\371\250\111\171\370\257\016  
\271\021\240\174\267\152\355\064\320\266\046\142\070\032\207\014  
\370\350\375\056\323\220\177\007\221\052\035\326\176\134\205\203  
\231\260\070\010\077\351\136\371\065\007\344\311\142\156\127\177  
\247\120\225\367\272\310\233\346\216\242\001\305\326\146\277\171  
\141\363\074\034\341\271\202\134\135\240\303\351\330\110\275\031  
\242\021\024\031\156\262\206\033\150\076\110\067\032\210\267\135  
\226\136\234\307\357\047\142\010\342\221\031\134\322\361\041\335  
\272\027\102\202\227\161\201\123\061\251\237\366\175\142\277\162  
\341\243\223\035\314\212\046\132\011\070\320\316\327\015\200\026  
\264\170\245\072\207\114\215\212\245\325\106\227\362\054\020\271  
\274\124\042\300\001\120\151\103\236\364\262\357\155\370\354\332  
\361\343\261\357\337\221\217\124\052\013\045\301\046\031\304\122  
\020\005\145\325\202\020\352\302\061\315\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "QuoVadis Root CA 2"  
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM  
# Serial Number: 1289 (0x509)  
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM  
# Not Valid Before: Fri Nov 24 18:27:00 2006  
# Not Valid After : Mon Nov 24 18:23:33 2031  
# Fingerprint (MD5): 5E:39:7B:DD:F8:BA:EC:82:E9:AC:62:BA:0C:54:00:2B  
# Fingerprint (SHA1): CA:3A:FB:CF:12:40:36:4B:44:B2:16:20:88:80:48:39:19:93:7C:F7  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "QuoVadis Root CA 2"

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CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\312\072\373\317\022\100\066\113\104\262\026\040\210\200\110\071
\031\223\174\367
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\136\071\173\335\370\272\354\202\351\254\142\272\014\124\000\053
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\005\011
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3"
#
# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Serial Number: 1478 (0x5c6)
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 19:11:23 2006
# Not Valid After : Mon Nov 24 19:06:44 2031
# Fingerprint (MD5): 31:85:3C:62:94:97:63:B9:AA:FD:89:4E:AF:6F:E0:CF
# Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061

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\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\005\306

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\235\060\202\004\205\240\003\002\001\002\002\002\005  
\306\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061  
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144  
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003  
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157  
\157\164\040\103\101\040\063\060\036\027\015\060\066\061\061\062  
\064\061\071\061\061\062\063\132\027\015\063\061\061\061\062\064  
\061\071\060\066\064\064\132\060\105\061\013\060\011\006\003\125  
\004\006\023\002\102\115\061\031\060\027\006\003\125\004\012\023  
\020\121\165\157\126\141\144\151\163\040\114\151\155\151\164\145  
\144\061\033\060\031\006\003\125\004\003\023\022\121\165\157\126  
\141\144\151\163\040\122\157\157\164\040\103\101\040\063\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\314  
\127\102\026\124\234\346\230\323\323\115\356\376\355\307\237\103  
\071\112\145\263\350\026\210\064\333\015\131\221\164\317\222\270  
\004\100\255\002\113\061\253\274\215\221\150\330\040\016\032\001  
\342\032\173\116\027\135\342\212\267\077\231\032\315\353\141\253  
\302\145\246\037\267\267\275\267\217\374\375\160\217\013\240\147  
\276\001\242\131\317\161\346\017\051\166\377\261\126\171\105\053  
\037\236\172\124\350\243\051\065\150\244\001\117\017\244\056\067  
\357\033\277\343\217\020\250\162\253\130\127\347\124\206\310\311  
\363\133\332\054\332\135\216\156\074\243\076\332\373\202\345\335  
\362\134\262\005\063\157\212\066\316\320\023\116\377\277\112\014  
\064\114\246\303\041\275\120\004\125\353\261\273\235\373\105\036  
\144\025\336\125\001\214\002\166\265\313\241\077\102\151\274\057  
\275\150\103\026\126\211\052\067\141\221\375\246\256\116\300\313  
\024\145\224\067\113\222\006\357\004\320\310\234\210\333\013\173  
\201\257\261\075\052\304\145\072\170\266\356\334\200\261\322\323  
\231\234\072\356\153\132\153\263\215\267\325\316\234\302\276\245  
\113\057\026\261\236\150\073\006\157\256\175\237\370\336\354\314  
\051\247\230\243\045\103\057\357\361\137\046\341\210\115\370\136  
\156\327\331\024\156\031\063\151\247\073\204\211\223\304\123\125  
\023\241\121\170\100\370\270\311\242\356\173\272\122\102\203\236  
\024\355\005\122\132\131\126\247\227\374\235\077\012\051\330\334  
\117\221\016\023\274\336\225\244\337\213\231\276\254\233\063\210  
\357\265\201\257\033\306\042\123\310\366\307\356\227\024\260\305  
\174\170\122\310\360\316\156\167\140\204\246\351\052\166\040\355

\130\001\027\060\223\351\032\213\340\163\143\331\152\222\224\111  
\116\264\255\112\205\304\243\042\060\374\011\355\150\042\163\246  
\210\014\125\041\130\305\341\072\237\052\335\312\341\220\340\331  
\163\253\154\200\270\350\013\144\223\240\234\214\031\377\263\322  
\014\354\221\046\207\212\263\242\341\160\217\054\012\345\315\155  
\150\121\353\332\077\005\177\213\062\346\023\134\153\376\137\100  
\342\042\310\264\264\144\117\326\272\175\110\076\250\151\014\327  
\273\206\161\311\163\270\077\073\235\045\113\332\377\100\353\002  
\003\001\000\001\243\202\001\225\060\202\001\221\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\201\341  
\006\003\125\035\040\004\201\331\060\201\326\060\201\323\006\011  
\053\006\001\004\001\276\130\000\003\060\201\305\060\201\223\006  
\010\053\006\001\005\005\007\002\002\060\201\206\032\201\203\101  
\156\171\040\165\163\145\040\157\146\040\164\150\151\163\040\103  
\145\162\164\151\146\151\143\141\164\145\040\143\157\156\163\164  
\151\164\165\164\145\163\040\141\143\143\145\160\164\141\156\143  
\145\040\157\146\040\164\150\145\040\121\165\157\126\141\144\151  
\163\040\122\157\157\164\040\103\101\040\063\040\103\145\162\164  
\151\146\151\143\141\164\145\040\120\157\154\151\143\171\040\057  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\120  
\162\141\143\164\151\143\145\040\123\164\141\164\145\155\145\156  
\164\056\060\055\006\010\053\006\001\005\005\007\002\001\026\041  
\150\164\164\160\072\057\057\167\167\167\056\161\165\157\166\141  
\144\151\163\147\154\157\142\141\154\056\143\157\155\057\143\160  
\163\060\013\006\003\125\035\017\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\362\300\023\340\202\103\076  
\373\356\057\147\062\226\065\134\333\270\313\002\320\060\156\006  
\003\125\035\043\004\147\060\145\200\024\362\300\023\340\202\103  
\076\373\356\057\147\062\226\065\134\333\270\313\002\320\241\111  
\244\107\060\105\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\033\060\031  
\006\003\125\004\003\023\022\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\063\202\002\005\306\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001  
\000\117\255\240\054\114\372\300\362\157\367\146\125\253\043\064  
\356\347\051\332\303\133\266\260\203\331\320\320\342\041\373\363  
\140\247\073\135\140\123\047\242\233\366\010\042\052\347\277\240  
\162\345\234\044\152\061\261\220\172\047\333\204\021\211\047\246  
\167\132\070\327\277\254\206\374\356\135\203\274\006\306\321\167  
\153\017\155\044\057\113\172\154\247\007\226\312\343\204\237\255  
\210\213\035\253\026\215\133\146\027\331\026\364\213\200\322\335  
\370\262\166\303\374\070\023\252\014\336\102\151\053\156\363\074  
\353\200\047\333\365\246\104\015\237\132\125\131\013\325\015\122  
\110\305\256\237\362\057\200\305\352\062\120\065\022\227\056\301  
\341\377\361\043\210\121\070\237\362\146\126\166\347\017\121\227  
\245\122\014\115\111\121\225\066\075\277\242\113\014\020\035\206  
\231\114\252\363\162\021\223\344\352\366\233\332\250\135\247\115

```
\267\236\002\256\163\000\310\332\043\003\350\371\352\031\164\142
\000\224\313\042\040\276\224\247\131\265\202\152\276\231\171\172
\251\362\112\044\122\367\164\375\272\116\346\250\035\002\156\261
\015\200\104\301\256\323\043\067\137\273\205\174\053\222\056\350
\176\245\213\335\231\341\277\047\157\055\135\252\173\207\376\012
\335\113\374\216\365\046\344\156\160\102\156\063\354\061\236\173
\223\301\344\311\151\032\075\300\153\116\042\155\356\253\130\115
\306\320\101\301\053\352\117\022\207\136\353\105\330\154\365\230
\002\323\240\330\125\212\006\231\031\242\240\167\321\060\236\254
\314\165\356\203\365\260\142\071\317\154\127\342\114\322\221\013
\016\165\050\033\232\277\375\032\103\361\312\167\373\073\217\141
\270\151\050\026\102\004\136\160\052\034\041\330\217\341\275\043
\133\055\164\100\222\331\143\031\015\163\335\151\274\142\107\274
\340\164\053\262\353\175\276\101\033\265\300\106\305\241\042\313
\137\116\301\050\222\336\030\272\325\052\050\273\021\213\027\223
\230\231\140\224\134\043\317\132\047\227\136\013\005\006\223\067
\036\073\151\066\353\251\236\141\035\217\062\332\216\014\326\164
\076\173\011\044\332\001\167\107\304\073\315\064\214\231\365\312
\341\045\141\063\262\131\033\342\156\327\067\127\266\015\251\022
\332
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "QuoVadis Root CA 3"
```

```
# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
```

```
# Serial Number: 1478 (0x5c6)
```

```
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
```

```
# Not Valid Before: Fri Nov 24 19:11:23 2006
```

```
# Not Valid After : Mon Nov 24 19:06:44 2031
```

```
# Fingerprint (MD5): 31:85:3C:62:94:97:63:B9:AA:FD:89:4E:AF:6F:E0:CF
```

```
# Fingerprint (SHA1): 1F:49:14:F7:D8:74:95:1D:DD:AE:02:C0:BE:FD:3A:2D:82:75:51:85
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "QuoVadis Root CA 3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\037\111\024\367\330\164\225\035\335\256\002\300\276\375\072\055
\202\165\121\205
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\061\205\074\142\224\227\143\271\252\375\211\116\257\157\340\317
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
```

```
\151\163\040\114\151\155\151\164\145\144\061\033\060\031\006\003
\125\004\003\023\022\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\002\005\306
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Security Communication Root CA"

#

# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP

# Serial Number: 0 (0x0)

# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP

# Not Valid Before: Tue Sep 30 04:20:49 2003

# Not Valid After : Sat Sep 30 04:20:49 2023

# Fingerprint (MD5): F1:BC:63:6A:54:E0:B5:27:F5:CD:E7:1A:E3:4D:6E:4A

# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Security Communication Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\000
```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\132\060\202\002\102\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061\030  
\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040\124  
\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125\004  
\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155\155  
\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103\101  
\061\060\036\027\015\060\063\060\071\063\060\060\064\062\060\064  
\071\132\027\015\062\063\060\071\063\060\060\064\062\060\064\071  
\132\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120  
\061\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115  
\040\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003  
\125\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157  
\155\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164  
\103\101\061\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\263\263\376\177\323\155\261\357\026\174\127\245  
\014\155\166\212\057\113\277\144\373\114\356\212\360\363\051\174  
\365\377\356\052\340\351\351\272\133\144\042\232\232\157\054\072  
\046\151\121\005\231\046\334\325\034\152\161\306\232\175\036\235  
\335\174\154\306\214\147\147\112\076\370\161\260\031\047\251\011  
\014\246\225\277\113\214\014\372\125\230\073\330\350\042\241\113  
\161\070\171\254\227\222\151\263\211\176\352\041\150\006\230\024  
\226\207\322\141\066\274\155\047\126\236\127\356\300\300\126\375  
\062\317\244\331\216\302\043\327\215\250\363\330\045\254\227\344  
\160\070\364\266\072\264\235\073\227\046\103\243\241\274\111\131  
\162\114\043\060\207\001\130\366\116\276\034\150\126\146\257\315  
\101\135\310\263\115\052\125\106\253\037\332\036\342\100\075\333  
\315\175\271\222\200\234\067\335\014\226\144\235\334\042\367\144  
\213\337\141\336\025\224\122\025\240\175\122\311\113\250\041\311  
\306\261\355\313\303\225\140\321\017\360\253\160\370\337\313\115  
\176\354\326\372\253\331\275\177\124\362\245\351\171\372\331\326  
\166\044\050\163\002\003\001\000\001\243\077\060\075\060\035\006  
\003\125\035\016\004\026\004\024\240\163\111\231\150\334\205\133  
\145\343\233\050\057\127\237\275\063\274\007\110\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\150\100  
\251\250\273\344\117\135\171\263\005\265\027\263\140\023\353\306  
\222\135\340\321\323\152\376\373\276\233\155\277\307\005\155\131  
\040\304\034\360\267\332\204\130\002\143\372\110\026\357\117\245  
\013\367\112\230\362\077\236\033\255\107\153\143\316\010\107\353  
\122\077\170\234\257\115\256\370\325\117\317\232\230\052\020\101  
\071\122\304\335\331\233\016\357\223\001\256\262\056\312\150\102  
\044\102\154\260\263\072\076\315\351\332\110\304\025\313\351\371  
\007\017\222\120\111\212\335\061\227\137\311\351\067\252\073\131  
\145\227\224\062\311\263\237\076\072\142\130\305\111\255\142\016

```
\161\245\062\252\057\306\211\166\103\100\023\023\147\075\242\124
\045\020\313\361\072\362\331\372\333\111\126\273\246\376\247\101
\065\303\340\210\141\311\210\307\337\066\020\042\230\131\352\260
\112\373\126\026\163\156\254\115\367\042\241\117\255\035\172\055
\105\047\345\060\301\136\362\332\023\313\045\102\121\225\107\003
\214\154\041\314\164\102\355\123\377\063\213\217\017\127\001\026
\057\317\246\356\311\160\042\024\275\375\276\154\013\003
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Security Communication Root CA"
```

```
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
```

```
# Not Valid Before: Tue Sep 30 04:20:49 2003
```

```
# Not Valid After : Sat Sep 30 04:20:49 2023
```

```
# Fingerprint (MD5): F1:BC:63:6A:54:E0:B5:27:F5:CD:E7:1A:E3:4D:6E:4A
```

```
# Fingerprint (SHA1): 36:B1:2B:49:F9:81:9E:D7:4C:9E:BC:38:0F:C6:56:8F:5D:AC:B2:F7
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Security Communication Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\066\261\053\111\371\201\236\327\114\236\274\070\017\306\126\217
\135\254\262\367
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\361\274\143\152\124\340\265\047\365\315\347\032\343\115\156\112
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040
\124\162\165\163\164\056\156\145\164\061\047\060\045\006\003\125
\004\013\023\036\123\145\143\165\162\151\164\171\040\103\157\155
\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103
\101\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\000
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

#
# Certificate "Sonera Class 2 Root CA"
#
# Issuer: CN=Sonera Class2 CA,O=Sonera,C=FI
# Serial Number: 29 (0x1d)
# Subject: CN=Sonera Class2 CA,O=Sonera,C=FI
# Not Valid Before: Fri Apr 06 07:29:40 2001
# Not Valid After : Tue Apr 06 07:29:40 2021
# Fingerprint (MD5): A3:EC:75:0F:2E:88:DF:FA:48:01:4E:0B:5C:48:6F:FB
# Fingerprint (SHA1): 37:F7:6D:E6:07:7C:90:C5:B1:3E:93:1A:B7:41:10:B4:F2:E4:9A:27
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Sonera Class 2 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\017\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141
\061\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162
\141\040\103\154\141\163\163\062\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\017\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141
\061\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162
\141\040\103\154\141\163\163\062\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\035
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\040\060\202\002\010\240\003\002\001\002\002\001\035
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061\017
\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141\061
\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162\141
\040\103\154\141\163\163\062\040\103\101\060\036\027\015\060\061
\060\064\060\066\060\067\062\071\064\060\132\027\015\062\061\060
\064\060\066\060\067\062\071\064\060\132\060\071\061\013\060\011
\006\003\125\004\006\023\002\106\111\061\017\060\015\006\003\125
\004\012\023\006\123\157\156\145\162\141\061\031\060\027\006\003
\125\004\003\023\020\123\157\156\145\162\141\040\103\154\141\163
\163\062\040\103\101\060\202\001\042\060\015\006\011\052\206\110
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001
\012\002\202\001\001\000\220\027\112\065\235\312\360\015\226\307
\104\372\026\067\374\110\275\275\177\200\055\065\073\341\157\250

```

\147\251\277\003\034\115\214\157\062\107\325\101\150\244\023\004  
\301\065\014\232\204\103\374\134\035\377\211\263\350\027\030\315  
\221\137\373\211\343\352\277\116\135\174\033\046\323\165\171\355  
\346\204\343\127\345\255\051\304\364\072\050\347\245\173\204\066  
\151\263\375\136\166\275\243\055\231\323\220\116\043\050\175\030  
\143\361\124\073\046\235\166\133\227\102\262\377\256\360\116\354  
\335\071\225\116\203\006\177\347\111\100\310\305\001\262\124\132  
\146\035\075\374\371\351\074\012\236\201\270\160\360\001\213\344  
\043\124\174\310\256\370\220\036\000\226\162\324\124\317\141\043  
\274\352\373\235\002\225\321\266\271\161\072\151\010\077\017\264  
\341\102\307\210\365\077\230\250\247\272\034\340\161\161\357\130  
\127\201\120\172\134\153\164\106\016\203\003\230\303\216\250\156  
\362\166\062\156\047\203\302\163\363\334\030\350\264\223\352\165  
\104\153\004\140\040\161\127\207\235\363\276\240\220\043\075\212  
\044\341\332\041\333\303\002\003\001\000\001\243\063\060\061\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\021\006\003\125\035\016\004\012\004\010\112\240\252\130\204  
\323\136\074\060\013\006\003\125\035\017\004\004\003\002\001\006  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\132\316\207\371\026\162\025\127\113\035\331\233  
\347\242\046\060\354\223\147\337\326\055\322\064\257\367\070\245  
\316\253\026\271\253\057\174\065\313\254\320\017\264\114\053\374  
\200\357\153\214\221\137\066\166\367\333\263\033\031\352\364\262  
\021\375\141\161\104\277\050\263\072\035\277\263\103\350\237\277  
\334\061\010\161\260\235\215\326\064\107\062\220\306\145\044\367  
\240\112\174\004\163\217\071\157\027\214\162\265\275\113\310\172  
\370\173\203\303\050\116\234\011\352\147\077\262\147\004\033\303  
\024\332\370\347\111\044\221\320\035\152\372\141\071\357\153\347  
\041\165\006\007\330\022\264\041\040\160\102\161\201\332\074\232  
\066\276\246\133\015\152\154\232\037\221\173\371\371\357\102\272  
\116\116\236\314\014\215\224\334\331\105\234\136\354\102\120\143  
\256\364\135\304\261\022\334\312\073\250\056\235\024\132\005\165  
\267\354\327\143\342\272\065\266\004\010\221\350\332\235\234\366  
\146\265\030\254\012\246\124\046\064\063\322\033\301\324\177\032  
\072\216\013\252\062\156\333\374\117\045\237\331\062\307\226\132  
\160\254\337\114

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Sonera Class 2 Root CA"  
# Issuer: CN=Sonera Class2 CA,O=Sonera,C=FI  
# Serial Number: 29 (0x1d)  
# Subject: CN=Sonera Class2 CA,O=Sonera,C=FI  
# Not Valid Before: Fri Apr 06 07:29:40 2001  
# Not Valid After : Tue Apr 06 07:29:40 2021  
# Fingerprint (MD5): A3:EC:75:0F:2E:88:DF:FA:48:01:4E:0B:5C:48:6F:FB



```
# Fingerprint (SHA1): 37:F7:6D:E6:07:7C:90:C5:B1:3E:93:1A:B7:41:10:B4:F2:E4:9A:27
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Sonera Class 2 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\067\367\155\346\007\174\220\305\261\076\223\032\267\101\020\264
\362\344\232\047
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\243\354\165\017\056\210\337\372\110\001\116\013\134\110\157\373
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\106\111\061
\017\060\015\006\003\125\004\012\023\006\123\157\156\145\162\141
\061\031\060\027\006\003\125\004\003\023\020\123\157\156\145\162
\141\040\103\154\141\163\163\062\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Camerfirma Chambers of Commerce Root"
#
# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:13:43 2003
# Not Valid After : Wed Sep 30 16:13:44 2037
# Fingerprint (MD5): B0:01:EE:14:D9:AF:29:18:94:76:8E:F1:69:33:2A:84
# Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Chambers of Commerce Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
```

\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\275\060\202\003\245\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047  
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145  
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070  
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013  
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060\040  
\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163\040  
\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157\164  
\060\036\027\015\060\063\060\071\063\060\061\066\061\063\064\063  
\132\027\015\063\067\060\071\063\060\061\066\061\063\064\064\132  
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060  
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164\060\202\001\040\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\015\000\060\202\001\010\002\202\001  
\001\000\267\066\125\345\245\135\030\060\340\332\211\124\221\374  
\310\307\122\370\057\120\331\357\261\165\163\145\107\175\033\133

\272\165\305\374\241\210\044\372\057\355\312\010\112\071\124\304  
\121\172\265\332\140\352\070\074\201\262\313\361\273\331\221\043  
\077\110\001\160\165\251\005\052\255\037\161\363\311\124\075\035  
\006\152\100\076\263\014\205\356\134\033\171\302\142\304\270\066  
\216\065\135\001\014\043\004\107\065\252\233\140\116\240\146\075  
\313\046\012\234\100\241\364\135\230\277\161\253\245\000\150\052  
\355\203\172\017\242\024\265\324\042\263\200\260\074\014\132\121  
\151\055\130\030\217\355\231\236\361\256\342\225\346\366\107\250  
\326\014\017\260\130\130\333\303\146\067\236\233\221\124\063\067  
\322\224\034\152\110\311\311\362\245\332\245\014\043\367\043\016  
\234\062\125\136\161\234\204\005\121\232\055\375\346\116\052\064  
\132\336\312\100\067\147\014\124\041\125\167\332\012\014\314\227  
\256\200\334\224\066\112\364\076\316\066\023\036\123\344\254\116  
\072\005\354\333\256\162\234\070\213\320\071\073\211\012\076\167  
\376\165\002\001\003\243\202\001\104\060\202\001\100\060\022\006  
\003\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001  
\014\060\074\006\003\125\035\037\004\065\060\063\060\061\240\057  
\240\055\206\053\150\164\164\160\072\057\057\143\162\154\056\143  
\150\141\155\142\145\162\163\151\147\156\056\157\162\147\057\143  
\150\141\155\142\145\162\163\162\157\157\164\056\143\162\154\060  
\035\006\003\125\035\016\004\026\004\024\343\224\365\261\115\351  
\333\241\051\133\127\213\115\166\006\166\341\321\242\212\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021  
\006\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000  
\007\060\047\006\003\125\035\021\004\040\060\036\201\034\143\150  
\141\155\142\145\162\163\162\157\157\164\100\143\150\141\155\142  
\145\162\163\151\147\156\056\157\162\147\060\047\006\003\125\035  
\022\004\040\060\036\201\034\143\150\141\155\142\145\162\163\162  
\157\157\164\100\143\150\141\155\142\145\162\163\151\147\156\056  
\157\162\147\060\130\006\003\125\035\040\004\121\060\117\060\115  
\006\013\053\006\001\004\001\201\207\056\012\003\001\060\076\060  
\074\006\010\053\006\001\005\005\007\002\001\026\060\150\164\164  
\160\072\057\057\143\160\163\056\143\150\141\155\142\145\162\163  
\151\147\156\056\157\162\147\057\143\160\163\057\143\150\141\155  
\142\145\162\163\162\157\157\164\056\150\164\155\154\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\014\101\227\302\032\206\300\042\174\237\373\220\363\032\321  
\003\261\357\023\371\041\137\004\234\332\311\245\215\047\154\226  
\207\221\276\101\220\001\162\223\347\036\175\137\366\211\306\135  
\247\100\011\075\254\111\105\105\334\056\215\060\150\262\011\272  
\373\303\057\314\272\013\337\077\167\173\106\175\072\022\044\216  
\226\217\074\005\012\157\322\224\050\035\155\014\300\056\210\042  
\325\330\317\035\023\307\360\110\327\327\005\247\317\307\107\236  
\073\074\064\310\200\117\324\024\273\374\015\120\367\372\263\354  
\102\137\251\335\155\310\364\165\317\173\301\162\046\261\001\034  
\134\054\375\172\116\264\001\305\005\127\271\347\074\252\005\331  
\210\351\007\106\101\316\357\101\201\256\130\337\203\242\256\312  
\327\167\037\347\000\074\235\157\216\344\062\011\035\115\170\064

```
\170\064\074\224\233\046\355\117\161\306\031\172\275\040\042\110
\132\376\113\175\003\267\347\130\276\306\062\116\164\036\150\335
\250\150\133\263\076\356\142\175\331\200\350\012\165\172\267\356
\264\145\232\041\220\340\252\320\230\274\070\265\163\074\213\370
\334
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Camerfirma Chambers of Commerce Root"

# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Serial Number: 0 (0x0)

# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Not Valid Before: Tue Sep 30 16:13:43 2003

# Not Valid After : Wed Sep 30 16:13:44 2037

# Fingerprint (MD5): B0:01:EE:14:D9:AF:29:18:94:76:8E:F1:69:33:2A:84

# Fingerprint (SHA1): 6E:3A:55:A4:19:0C:19:5C:93:84:3C:C0:DB:72:2E:31:30:61:F0:B1

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Camerfirma Chambers of Commerce Root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\156\072\125\244\031\014\031\134\223\204\074\300\333\162\056\061
\060\141\360\261
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\260\001\356\024\331\257\051\030\224\166\216\361\151\063\052\204
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\000
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Camerfirma Global Chambersign Root"

#

# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Serial Number: 0 (0x0)

# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU

# Not Valid Before: Tue Sep 30 16:14:18 2003

# Not Valid After : Wed Sep 30 16:14:18 2037

# Fingerprint (MD5): C5:E6:7B:BF:06:D0:4F:43:ED:C4:7A:65:8A:FB:6B:19

# Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Camerfirma Global Chambersign Root"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060  
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103  
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061  
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155  
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101  
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004  
\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150  
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060  
\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103  
\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\305\060\202\003\255\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060

\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047  
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145  
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070  
\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013  
\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036  
\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150  
\141\155\142\145\162\163\151\147\156\040\122\157\157\164\060\036  
\027\015\060\063\060\071\063\060\061\066\061\064\061\070\132\027  
\015\063\067\060\071\063\060\061\066\061\064\061\070\132\060\175  
\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047\060  
\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145\162  
\146\151\162\155\141\040\123\101\040\103\111\106\040\101\070\062  
\067\064\063\062\070\067\061\043\060\041\006\003\125\004\013\023  
\032\150\164\164\160\072\057\057\167\167\167\056\143\150\141\155  
\142\145\162\163\151\147\156\056\157\162\147\061\040\060\036\006  
\003\125\004\003\023\027\107\154\157\142\141\154\040\103\150\141  
\155\142\145\162\163\151\147\156\040\122\157\157\164\060\202\001  
\040\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000  
\003\202\001\015\000\060\202\001\010\002\202\001\001\000\242\160  
\242\320\237\102\256\133\027\307\330\175\317\024\203\374\117\311  
\241\267\023\257\212\327\236\076\004\012\222\213\140\126\372\264  
\062\057\210\115\241\140\010\364\267\011\116\240\111\057\111\326  
\323\337\235\227\132\237\224\004\160\354\077\131\331\267\314\146  
\213\230\122\050\011\002\337\305\057\204\215\172\227\167\277\354  
\100\235\045\162\253\265\077\062\230\373\267\267\374\162\204\345  
\065\207\371\125\372\243\037\016\157\056\050\335\151\240\331\102  
\020\306\370\265\104\302\320\103\177\333\274\344\242\074\152\125  
\170\012\167\251\330\352\031\062\267\057\376\134\077\033\356\261  
\230\354\312\255\172\151\105\343\226\017\125\366\346\355\165\352  
\145\350\062\126\223\106\211\250\045\212\145\006\356\153\277\171  
\007\320\361\267\257\355\054\115\222\273\300\250\137\247\147\175  
\004\362\025\010\160\254\222\326\175\004\322\063\373\114\266\013  
\013\373\032\311\304\215\003\251\176\134\362\120\253\022\245\241  
\317\110\120\245\357\322\310\032\023\372\260\177\261\202\034\167  
\152\017\137\334\013\225\217\357\103\176\346\105\011\045\002\001  
\003\243\202\001\120\060\202\001\114\060\022\006\003\125\035\023  
\001\001\377\004\010\060\006\001\001\377\002\001\014\060\077\006  
\003\125\035\037\004\070\060\066\060\064\240\062\240\060\206\056  
\150\164\164\160\072\057\057\143\162\154\056\143\150\141\155\142  
\145\162\163\151\147\156\056\157\162\147\057\143\150\141\155\142  
\145\162\163\151\147\156\162\157\157\164\056\143\162\154\060\035  
\006\003\125\035\016\004\026\004\024\103\234\066\237\260\236\060  
\115\306\316\137\255\020\253\345\003\245\372\251\024\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\021\006  
\011\140\206\110\001\206\370\102\001\001\004\004\003\002\000\007  
\060\052\006\003\125\035\021\004\043\060\041\201\037\143\150\141  
\155\142\145\162\163\151\147\156\162\157\157\164\100\143\150\141

\155\142\145\162\163\151\147\156\056\157\162\147\060\052\006\003  
\125\035\022\004\043\060\041\201\037\143\150\141\155\142\145\162  
\163\151\147\156\162\157\157\164\100\143\150\141\155\142\145\162  
\163\151\147\156\056\157\162\147\060\133\006\003\125\035\040\004  
\124\060\122\060\120\006\013\053\006\001\004\001\201\207\056\012  
\001\001\060\101\060\077\006\010\053\006\001\005\005\007\002\001  
\026\063\150\164\164\160\072\057\057\143\160\163\056\143\150\141  
\155\142\145\162\163\151\147\156\056\157\162\147\057\143\160\163  
\057\143\150\141\155\142\145\162\163\151\147\156\162\157\157\164  
\056\150\164\155\154\060\015\006\011\052\206\110\206\367\015\001  
\001\005\005\000\003\202\001\001\000\074\073\160\221\371\004\124  
\047\221\341\355\355\376\150\177\141\135\345\101\145\117\062\361  
\030\005\224\152\034\336\037\160\333\076\173\062\002\064\265\014  
\154\241\212\174\245\364\217\377\324\330\255\027\325\055\004\321  
\077\130\200\342\201\131\210\276\300\343\106\223\044\376\220\275  
\046\242\060\055\350\227\046\127\065\211\164\226\030\366\025\342  
\257\044\031\126\002\002\262\272\017\024\352\306\212\146\301\206  
\105\125\213\276\222\276\234\244\004\307\111\074\236\350\051\172  
\211\327\376\257\377\150\365\245\027\220\275\254\231\314\245\206  
\127\011\147\106\333\326\026\302\106\361\344\251\120\365\217\321  
\222\025\323\137\076\306\000\111\072\156\130\262\321\321\047\015  
\045\310\062\370\040\021\315\175\062\063\110\224\124\114\335\334  
\171\304\060\237\353\216\270\125\265\327\210\134\305\152\044\075  
\262\323\005\003\121\306\007\357\314\024\162\164\075\156\162\316  
\030\050\214\112\240\167\345\011\053\105\104\107\254\267\147\177  
\001\212\005\132\223\276\241\301\377\370\347\016\147\244\107\111  
\166\135\165\220\032\365\046\217\360

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Camerfirma Global Chambersign Root"  
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU  
# Serial Number: 0 (0x0)  
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF  
A82743287,C=EU  
# Not Valid Before: Tue Sep 30 16:14:18 2003  
# Not Valid After : Wed Sep 30 16:14:18 2037  
# Fingerprint (MD5): C5:E6:7B:BF:06:D0:4F:43:ED:C4:7A:65:8A:FB:6B:19  
# Fingerprint (SHA1): 33:9B:6B:14:50:24:9B:55:7A:01:87:72:84:D9:E0:2F:C3:D2:D8:E9  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Camerfirma Global Chambersign Root"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\063\233\153\024\120\044\233\125\172\001\207\162\204\331\340\057

\303\322\330\351

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\305\346\173\277\006\320\117\103\355\304\172\145\212\373\153\031

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\175\061\013\060\011\006\003\125\004\006\023\002\105\125\061

\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155

\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101

\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004

\013\023\032\150\164\164\160\072\057\057\167\167\167\056\143\150

\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060

\036\006\003\125\004\003\023\027\107\154\157\142\141\154\040\103

\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "XRamp Global CA Root"

#

# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services  
Inc,OU=www.xrampsecurity.com,C=US

# Serial Number:50:94:6c:ec:18:ea:d5:9c:4d:d5:97:ef:75:8f:a0:ad

# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services  
Inc,OU=www.xrampsecurity.com,C=US

# Not Valid Before: Mon Nov 01 17:14:04 2004

# Not Valid After : Mon Jan 01 05:37:19 2035

# Fingerprint (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A:D1

# Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "XRamp Global CA Root"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123

\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170

\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155

\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160

\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143



\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023  
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170  
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155  
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160  
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143  
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023  
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217  
\240\255

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\060\060\202\003\030\240\003\002\001\002\002\020\120  
\224\154\354\030\352\325\234\115\325\227\357\165\217\240\255\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\202\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036  
\060\034\006\003\125\004\013\023\025\167\167\167\056\170\162\141  
\155\160\163\145\143\165\162\151\164\171\056\143\157\155\061\044  
\060\042\006\003\125\004\012\023\033\130\122\141\155\160\040\123  
\145\143\165\162\151\164\171\040\123\145\162\166\151\143\145\163  
\040\111\156\143\061\055\060\053\006\003\125\004\003\023\044\130  
\122\141\155\160\040\107\154\157\142\141\154\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\036\027\015\060\064\061\061\060\061\061\067\061  
\064\060\064\132\027\015\063\065\060\061\060\061\060\065\063\067  
\061\071\132\060\201\202\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\036\060\034\006\003\125\004\013\023\025\167\167  
\167\056\170\162\141\155\160\163\145\143\165\162\151\164\171\056  
\143\157\155\061\044\060\042\006\003\125\004\012\023\033\130\122  
\141\155\160\040\123\145\143\165\162\151\164\171\040\123\145\162  
\166\151\143\145\163\040\111\156\143\061\055\060\053\006\003\125  
\004\003\023\044\130\122\141\155\160\040\107\154\157\142\141\154  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\230\044\036\275\025\264\272  
\337\307\214\245\047\266\070\013\151\363\266\116\250\054\056\041  
\035\134\104\337\041\135\176\043\164\376\136\176\264\112\267\246

\255\037\256\340\006\026\342\233\133\331\147\164\153\135\200\217  
\051\235\206\033\331\234\015\230\155\166\020\050\130\344\145\260  
\177\112\230\171\237\340\303\061\176\200\053\265\214\300\100\073  
\021\206\320\313\242\206\066\140\244\325\060\202\155\331\156\320  
\017\022\004\063\227\137\117\141\132\360\344\371\221\253\347\035  
\073\274\350\317\364\153\055\064\174\342\110\141\034\216\363\141  
\104\314\157\240\112\251\224\260\115\332\347\251\064\172\162\070  
\250\101\314\074\224\021\175\353\310\246\214\267\206\313\312\063  
\073\331\075\067\213\373\172\076\206\054\347\163\327\012\127\254  
\144\233\031\353\364\017\004\010\212\254\003\027\031\144\364\132  
\045\042\215\064\054\262\366\150\035\022\155\323\212\036\024\332  
\304\217\246\342\043\205\325\172\015\275\152\340\351\354\354\027  
\273\102\033\147\252\045\355\105\203\041\374\301\311\174\325\142  
\076\372\362\305\055\323\375\324\145\002\003\001\000\001\243\201  
\237\060\201\234\060\023\006\011\053\006\001\004\001\202\067\024  
\002\004\006\036\004\000\103\000\101\060\013\006\003\125\035\017  
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\306\117\242\075\006\143\204\011\234\316\142\344\004\254  
\215\134\265\351\266\033\060\066\006\003\125\035\037\004\057\060  
\055\060\053\240\051\240\047\206\045\150\164\164\160\072\057\057  
\143\162\154\056\170\162\141\155\160\163\145\143\165\162\151\164  
\171\056\143\157\155\057\130\107\103\101\056\143\162\154\060\020  
\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\221\025\071\003\001\033\147\373\112\034\371\012  
\140\133\241\332\115\227\142\371\044\123\047\327\202\144\116\220  
\056\303\111\033\053\232\334\374\250\170\147\065\361\035\360\021  
\275\267\110\343\020\366\015\337\077\322\311\266\252\125\244\110  
\272\002\333\336\131\056\025\133\073\235\026\175\107\327\067\352  
\137\115\166\022\066\273\037\327\241\201\004\106\040\243\054\155  
\251\236\001\176\077\051\316\000\223\337\375\311\222\163\211\211  
\144\236\347\053\344\034\221\054\322\271\316\175\316\157\061\231  
\323\346\276\322\036\220\360\011\024\171\134\043\253\115\322\332  
\041\037\115\231\171\235\341\317\047\237\020\233\034\210\015\260  
\212\144\101\061\270\016\154\220\044\244\233\134\161\217\272\273  
\176\034\033\333\152\200\017\041\274\351\333\246\267\100\364\262  
\213\251\261\344\357\232\032\320\075\151\231\356\250\050\243\341  
\074\263\360\262\021\234\317\174\100\346\335\347\103\175\242\330  
\072\265\251\215\362\064\231\304\324\020\341\006\375\011\204\020  
\073\356\304\114\364\354\047\174\102\302\164\174\202\212\011\311  
\264\003\045\274

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "XRamp Global CA Root"

```

# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US
# Serial Number:50:94:6c:ec:18:ea:d5:9c:4d:d5:97:ef:75:8f:a0:ad
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US
# Not Valid Before: Mon Nov 01 17:14:04 2004
# Not Valid After : Mon Jan 01 05:37:19 2035
# Fingerprint (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A:D1
# Fingerprint (SHA1): B8:01:86:D1:EB:9C:86:A5:41:04:CF:30:54:F3:4C:52:B7:E5:58:C6
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "XRamp Global CA Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\001\206\321\353\234\206\245\101\004\317\060\124\363\114\122
\267\345\130\306
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\241\013\104\263\312\020\330\000\156\235\017\330\017\222\012\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\162\151\164\171\056\143\157\155
\061\044\060\042\006\003\125\004\012\023\033\130\122\141\155\160
\040\123\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\060\053\006\003\125\004\003\023
\044\130\122\141\155\160\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\120\224\154\354\030\352\325\234\115\325\227\357\165\217
\240\255
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Go Daddy Class 2 CA"
#
# Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:06:20 2004

```

```
# Not Valid After : Thu Jun 29 17:06:20 2034
# Fingerprint (MD5): 91:DE:06:25:AB:DA:FD:32:17:0C:BB:25:17:2A:84:67
# Fingerprint (SHA1): 27:96:BA:E6:3F:18:01:E2:77:26:1B:A0:D7:77:70:02:8F:20:EE:E4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Class 2 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\000\060\202\002\350\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041
\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157\040
\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156\143
\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040\104
\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171\060\036\027\015\060\064\060\066\062\071\061\067
\060\066\062\060\132\027\015\063\064\060\066\062\071\061\067\060
\066\062\060\132\060\143\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\041\060\037\006\003\125\004\012\023\030\124\150
\145\040\107\157\040\104\141\144\144\171\040\107\162\157\165\160
\054\040\111\156\143\056\061\061\060\057\006\003\125\004\013\023
\050\107\157\040\104\141\144\144\171\040\103\154\141\163\163\040
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
```

\101\165\164\150\157\162\151\164\171\060\202\001\040\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\015  
\000\060\202\001\010\002\202\001\001\000\336\235\327\352\127\030  
\111\241\133\353\327\137\110\206\352\276\335\377\344\357\147\034  
\364\145\150\263\127\161\240\136\167\273\355\233\111\351\160\200  
\075\126\030\143\010\157\332\362\314\320\077\177\002\124\042\124  
\020\330\262\201\324\300\165\075\113\177\307\167\303\076\170\253  
\032\003\265\040\153\057\152\053\261\305\210\176\304\273\036\260  
\301\330\105\047\157\252\067\130\367\207\046\327\330\055\366\251  
\027\267\037\162\066\116\246\027\077\145\230\222\333\052\156\135  
\242\376\210\340\013\336\177\345\215\025\341\353\313\072\325\342  
\022\242\023\055\330\216\257\137\022\075\240\010\005\010\266\134  
\245\145\070\004\105\231\036\243\140\140\164\305\101\245\162\142  
\033\142\305\037\157\137\032\102\276\002\121\145\250\256\043\030  
\152\374\170\003\251\115\177\200\303\372\253\132\374\241\100\244  
\312\031\026\376\262\310\357\136\163\015\356\167\275\232\366\171  
\230\274\261\007\147\242\025\015\335\240\130\306\104\173\012\076  
\142\050\137\272\101\007\123\130\317\021\176\070\164\305\370\377  
\265\151\220\217\204\164\352\227\033\257\002\001\003\243\201\300  
\060\201\275\060\035\006\003\125\035\016\004\026\004\024\322\304  
\260\322\221\324\114\021\161\263\141\313\075\241\376\335\250\152  
\324\343\060\201\215\006\003\125\035\043\004\201\205\060\201\202  
\200\024\322\304\260\322\221\324\114\021\161\263\141\313\075\241  
\376\335\250\152\324\343\241\147\244\145\060\143\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\041\060\037\006\003\125  
\004\012\023\030\124\150\145\040\107\157\040\104\141\144\144\171  
\040\107\162\157\165\160\054\040\111\156\143\056\061\061\060\057  
\006\003\125\004\013\023\050\107\157\040\104\141\144\144\171\040  
\103\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202  
\001\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\062\113\363\262\312\076\221\374\022\306\241\007  
\214\216\167\240\063\006\024\134\220\036\030\367\010\246\075\012  
\031\371\207\200\021\156\151\344\226\027\060\377\064\221\143\162  
\070\356\314\034\001\243\035\224\050\244\061\366\172\304\124\327  
\366\345\061\130\003\242\314\316\142\333\224\105\163\265\277\105  
\311\044\265\325\202\002\255\043\171\151\215\270\266\115\316\317  
\114\312\063\043\350\034\210\252\235\213\101\156\026\311\040\345  
\211\236\315\073\332\160\367\176\231\046\040\024\124\045\253\156  
\163\205\346\233\041\235\012\154\202\016\250\370\302\014\372\020  
\036\154\226\357\207\015\304\017\141\213\255\356\203\053\225\370  
\216\222\204\162\071\353\040\352\203\355\203\315\227\156\010\274  
\353\116\046\266\163\053\344\323\366\114\376\046\161\342\141\021  
\164\112\377\127\032\207\017\165\110\056\317\121\151\027\240\002  
\022\141\225\325\321\100\262\020\114\356\304\254\020\103\246\245  
\236\012\325\225\142\232\015\317\210\202\305\062\014\344\053\237  
\105\346\015\237\050\234\261\271\052\132\127\255\067\017\257\035

\177\333\275\237

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Go Daddy Class 2 CA"

# Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

# Serial Number: 0 (0x0)

# Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

# Not Valid Before: Tue Jun 29 17:06:20 2004

# Not Valid After : Thu Jun 29 17:06:20 2034

# Fingerprint (MD5): 91:DE:06:25:AB:DA:FD:32:17:0C:BB:25:17:2A:84:67

# Fingerprint (SHA1): 27:96:BA:E6:3F:18:01:E2:77:26:1B:A0:D7:77:70:02:8F:20:EE:E4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Go Daddy Class 2 CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\047\226\272\346\077\030\001\342\167\046\033\240\327\167\160\002  
\217\040\356\344

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\221\336\006\045\253\332\375\062\027\014\273\045\027\052\204\147  
END

CKA\_ISSUER MULTILINE\_OCTAL

\060\143\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157  
\040\104\141\144\144\171\040\107\162\157\165\160\054\040\111\156  
\143\056\061\061\060\057\006\003\125\004\013\023\050\107\157\040  
\104\141\144\144\171\040\103\154\141\163\163\040\062\040\103\145  
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150  
\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Starfield Class 2 CA"

#

# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US

# Serial Number: 0 (0x0)

```
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After : Thu Jun 29 17:39:16 2034
# Fingerprint (MD5): 32:4A:4B:BB:C8:63:69:9B:BE:74:9A:C6:DD:1D:46:24
# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\017\060\202\002\367\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061\045
\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151\145
\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163\054
\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023\051
\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163\040
\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\101\165\164\150\157\162\151\164\171\060\036\027\015\060\064\060
\066\062\071\061\067\063\071\061\066\132\027\015\063\064\060\066
\062\071\061\067\063\071\061\066\132\060\150\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\045\060\043\006\003\125\004
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061
```

\062\060\060\006\003\125\004\013\023\051\123\164\141\162\146\151  
\145\154\144\040\103\154\141\163\163\040\062\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\060\202\001\040\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\015\000\060\202\001\010\002  
\202\001\001\000\267\062\310\376\351\161\246\004\205\255\014\021  
\144\337\316\115\357\310\003\030\207\077\241\253\373\074\246\237  
\360\303\241\332\324\330\156\053\123\220\373\044\244\076\204\360  
\236\350\137\354\345\047\104\365\050\246\077\173\336\340\052\360  
\310\257\123\057\236\312\005\001\223\036\217\146\034\071\247\115  
\372\132\266\163\004\045\146\353\167\177\347\131\306\112\231\045  
\024\124\353\046\307\363\177\031\325\060\160\217\257\260\106\052  
\377\255\353\051\355\327\237\252\004\207\243\324\371\211\245\064  
\137\333\103\221\202\066\331\146\074\261\270\271\202\375\234\072  
\076\020\310\073\357\006\145\146\172\233\031\030\075\377\161\121  
\074\060\056\137\276\075\167\163\262\135\006\154\303\043\126\232  
\053\205\046\222\034\247\002\263\344\077\015\257\010\171\202\270  
\066\075\352\234\323\065\263\274\151\312\365\314\235\350\375\144  
\215\027\200\063\156\136\112\135\231\311\036\207\264\235\032\300  
\325\156\023\065\043\136\337\233\137\075\357\326\367\166\302\352  
\076\273\170\015\034\102\147\153\004\330\370\326\332\157\213\362  
\104\240\001\253\002\001\003\243\201\305\060\201\302\060\035\006  
\003\125\035\016\004\026\004\024\277\137\267\321\316\335\037\206  
\364\133\125\254\334\327\020\302\016\251\210\347\060\201\222\006  
\003\125\035\043\004\201\212\060\201\207\200\024\277\137\267\321  
\316\335\037\206\364\133\125\254\334\327\020\302\016\251\210\347  
\241\154\244\152\060\150\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\045\060\043\006\003\125\004\012\023\034\123\164  
\141\162\146\151\145\154\144\040\124\145\143\150\156\157\154\157  
\147\151\145\163\054\040\111\156\143\056\061\062\060\060\006\003  
\125\004\013\023\051\123\164\141\162\146\151\145\154\144\040\103  
\154\141\163\163\040\062\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\202\001  
\000\060\014\006\003\125\035\023\004\005\060\003\001\001\377\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202  
\001\001\000\005\235\077\210\235\321\311\032\125\241\254\151\363  
\363\131\332\233\001\207\032\117\127\251\241\171\011\052\333\367  
\057\262\036\314\307\136\152\330\203\207\241\227\357\111\065\076  
\167\006\101\130\142\277\216\130\270\012\147\077\354\263\335\041  
\146\037\311\124\372\162\314\075\114\100\330\201\257\167\236\203  
\172\273\242\307\365\064\027\216\331\021\100\364\374\054\052\115  
\025\177\247\142\135\056\045\323\000\013\040\032\035\150\371\027  
\270\364\275\213\355\050\131\335\115\026\213\027\203\310\262\145  
\307\055\172\245\252\274\123\206\155\335\127\244\312\370\040\101  
\013\150\360\364\373\164\276\126\135\172\171\365\371\035\205\343  
\055\225\276\365\161\220\103\314\215\037\232\000\012\207\051\351  
\125\042\130\000\043\352\343\022\103\051\133\107\010\335\214\101  
\152\145\006\250\345\041\252\101\264\225\041\225\271\175\321\064



```
\253\023\326\255\274\334\342\075\071\315\275\076\165\160\241\030
\131\003\311\042\264\217\234\325\136\052\327\245\266\324\012\155
\370\267\100\021\106\232\037\171\016\142\277\017\227\354\340\057
\037\027\224
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Starfield Class 2 CA"
```

```
# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
```

```
# Serial Number: 0 (0x0)
```

```
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
```

```
# Not Valid Before: Tue Jun 29 17:39:16 2004
```

```
# Not Valid After : Thu Jun 29 17:39:16 2034
```

```
# Fingerprint (MD5): 32:4A:4B:BB:C8:63:69:9B:BE:74:9A:C6:DD:1D:46:24
```

```
# Fingerprint (SHA1): AD:7E:1C:28:B0:64:EF:8F:60:03:40:20:14:C3:D0:E3:37:0E:B5:8A
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Starfield Class 2 CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\255\176\034\050\260\144\357\217\140\003\100\040\024\303\320\343
\067\016\265\212
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\062\112\113\273\310\143\151\233\276\164\232\306\335\035\106\044
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\150\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\045\060\043\006\003\125\004\012\023\034\123\164\141\162\146\151
\145\154\144\040\124\145\143\150\156\157\154\157\147\151\145\163
\054\040\111\156\143\056\061\062\060\060\006\003\125\004\013\023
\051\123\164\141\162\146\151\145\154\144\040\103\154\141\163\163
\040\062\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\000
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "Taiwan GRCA"
```

```
#
# Issuer: O=Government Root Certification Authority,C=TW
# Serial Number: 1f:9d:59:5a:d7:2f:c2:06:44:a5:80:08:69:e3:5e:f6
# Subject: O=Government Root Certification Authority,C=TW
# Not Valid Before: Thu Dec 05 13:23:33 2002
# Not Valid After : Sun Dec 05 13:23:33 2032
# Fingerprint (MD5): 37:85:44:53:32:45:1F:20:F0:F3:95:E1:25:C4:43:4E
# Fingerprint (SHA1): F4:8B:11:BF:DE:AB:BE:94:54:20:71:E6:41:DE:6B:BE:88:2B:40:B9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Taiwan GRCA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\235\131\132\327\057\302\006\104\245\200\010\151\343
\136\366
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\162\060\202\003\132\240\003\002\001\002\002\020\037
\235\131\132\327\057\302\006\104\245\200\010\151\343\136\366\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\077
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\060\060
\056\006\003\125\004\012\014\047\107\157\166\145\162\156\155\145
\156\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060
\036\027\015\060\062\061\062\060\065\061\063\062\063\063\063\132\060
\027\015\063\062\061\062\060\065\061\063\062\063\063\063\132\060
\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061\060
\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156\155
\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
```

\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\232\045\270\354\314\242\165\250\173\367\316\133\131\212\311  
\321\206\022\010\124\354\234\362\347\106\366\210\363\174\351\245  
\337\114\107\066\244\033\001\034\177\036\127\212\215\303\305\321  
\041\343\332\044\077\110\053\373\237\056\241\224\347\054\034\223  
\321\277\033\001\207\123\231\316\247\365\012\041\166\167\377\251  
\267\306\163\224\117\106\367\020\111\067\372\250\131\111\135\152  
\201\007\126\362\212\371\006\320\367\160\042\115\264\267\101\271  
\062\270\261\360\261\303\234\077\160\375\123\335\201\252\330\143  
\170\366\330\123\156\241\254\152\204\044\162\124\206\306\322\262  
\312\034\016\171\201\326\265\160\142\010\001\056\116\117\016\325  
\021\257\251\257\345\232\277\334\314\207\155\046\344\311\127\242  
\373\226\371\314\341\077\123\214\154\114\176\233\123\010\013\154  
\027\373\147\310\302\255\261\315\200\264\227\334\166\001\026\025  
\351\152\327\244\341\170\107\316\206\325\373\061\363\372\061\276  
\064\252\050\373\160\114\035\111\307\257\054\235\155\146\246\266  
\215\144\176\265\040\152\235\073\201\266\217\100\000\147\113\211  
\206\270\314\145\376\025\123\351\004\301\326\137\035\104\327\012  
\057\047\232\106\175\241\015\165\255\124\206\025\334\111\073\361  
\226\316\017\233\240\354\243\172\135\276\325\052\165\102\345\173  
\336\245\266\252\257\050\254\254\220\254\070\267\325\150\065\046  
\172\334\367\073\363\375\105\233\321\273\103\170\156\157\361\102  
\124\152\230\360\015\255\227\351\122\136\351\325\152\162\336\152  
\367\033\140\024\364\245\344\266\161\147\252\037\352\342\115\301  
\102\100\376\147\106\027\070\057\107\077\161\234\256\345\041\312  
\141\055\155\007\250\204\174\055\356\121\045\361\143\220\236\375  
\341\127\210\153\357\212\043\155\261\346\275\077\255\321\075\226  
\013\205\215\315\153\047\273\267\005\233\354\273\221\251\012\007  
\022\002\227\116\040\220\360\377\015\036\342\101\073\323\100\072  
\347\215\135\332\146\344\002\260\007\122\230\134\016\216\063\234  
\302\246\225\373\125\031\156\114\216\256\113\017\275\301\070\115  
\136\217\204\035\146\315\305\140\226\264\122\132\005\211\216\225  
\172\230\301\221\074\225\043\262\016\364\171\264\311\174\301\112  
\041\002\003\001\000\001\243\152\060\150\060\035\006\003\125\035  
\016\004\026\004\024\314\314\357\314\051\140\244\073\261\222\266  
\074\372\062\142\217\254\045\025\073\060\014\006\003\125\035\023  
\004\005\060\003\001\001\377\060\071\006\004\147\052\007\000\004  
\061\060\057\060\055\002\001\000\060\011\006\005\053\016\003\002  
\032\005\000\060\007\006\005\147\052\003\000\000\004\024\003\233  
\360\042\023\377\225\050\066\323\334\236\300\062\373\061\072\212  
\121\145\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\003\202\002\001\000\100\200\112\372\046\311\316\136\060\335  
\117\206\164\166\130\365\256\263\203\063\170\244\172\164\027\031  
\116\351\122\265\271\340\012\164\142\252\150\312\170\240\114\232  
\216\054\043\056\325\152\022\044\277\324\150\323\212\320\330\234  
\237\264\037\014\336\070\176\127\070\374\215\342\117\136\014\237  
\253\073\322\377\165\227\313\244\343\147\010\377\345\300\026\265  
\110\001\175\351\371\012\377\033\345\152\151\277\170\041\250\302

\247\043\251\206\253\166\126\350\016\014\366\023\335\052\146\212  
\144\111\075\032\030\207\220\004\237\102\122\267\117\313\376\107  
\101\166\065\357\377\000\166\066\105\062\233\306\106\205\135\342  
\044\260\036\343\110\226\230\127\107\224\125\172\017\101\261\104  
\044\363\301\376\032\153\277\210\375\301\246\332\223\140\136\201  
\112\231\040\234\110\146\031\265\000\171\124\017\270\054\057\113  
\274\251\135\133\140\177\214\207\245\340\122\143\052\276\330\073  
\205\100\025\376\036\266\145\077\305\113\332\176\265\172\065\051  
\243\056\172\230\140\042\243\364\175\047\116\055\352\264\164\074  
\351\017\244\063\017\020\021\274\023\001\326\345\016\323\277\265  
\022\242\341\105\043\300\314\010\156\141\267\211\253\203\343\044  
\036\346\135\007\347\037\040\076\317\147\310\347\254\060\155\047  
\113\150\156\113\052\134\002\010\064\333\370\166\344\147\243\046  
\234\077\242\062\302\112\305\201\030\061\020\126\252\204\357\055  
\012\377\270\037\167\322\277\245\130\240\142\344\327\113\221\165  
\215\211\200\230\176\155\313\123\116\136\257\366\262\227\205\227  
\271\332\125\006\271\044\356\327\306\070\036\143\033\022\073\225  
\341\130\254\362\337\204\325\137\231\057\015\125\133\346\070\333  
\056\077\162\351\110\205\313\273\051\023\217\036\070\125\271\363  
\262\304\060\231\043\116\135\362\110\241\022\014\334\022\220\011  
\220\124\221\003\074\107\345\325\311\145\340\267\113\175\354\107  
\323\263\013\076\255\236\320\164\000\016\353\275\121\255\300\336  
\054\300\303\152\376\357\334\013\247\372\106\337\140\333\234\246  
\131\120\165\043\151\163\223\262\371\374\002\323\107\346\161\316  
\020\002\356\047\214\204\377\254\105\015\023\134\203\062\340\045  
\245\206\054\174\364\022

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Taiwan GRCA"

# Issuer: O=Government Root Certification Authority,C=TW

# Serial Number: 1f:9d:59:5a:d7:2f:c2:06:44:a5:80:08:69:e3:5e:f6

# Subject: O=Government Root Certification Authority,C=TW

# Not Valid Before: Thu Dec 05 13:23:33 2002

# Not Valid After : Sun Dec 05 13:23:33 2032

# Fingerprint (MD5): 37:85:44:53:32:45:1F:20:F0:F3:95:E1:25:C4:43:4E

# Fingerprint (SHA1): F4:8B:11:BF:DE:AB:BE:94:54:20:71:E6:41:DE:6B:BE:88:2B:40:B9

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Taiwan GRCA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\364\213\021\277\336\253\276\224\124\040\161\346\101\336\153\276  
\210\053\100\271

END

```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\205\104\123\062\105\037\040\360\363\225\341\045\304\103\116
END
CKA_ISSUER MULTILINE_OCTAL
\060\077\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\060\060\056\006\003\125\004\012\014\047\107\157\166\145\162\156
\155\145\156\164\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\235\131\132\327\057\302\006\104\245\200\010\151\343
\136\366
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root CA"
#
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (MD5): 87:CE:0B:7B:2A:0E:49:00:E1:58:71:9B:37:A8:93:72
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145

```

\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360  
\060\071

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\267\060\202\002\237\240\003\002\001\002\002\020\014  
\347\340\345\027\330\106\376\217\345\140\374\033\360\060\071\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\145  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145  
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157  
\157\164\040\103\101\060\036\027\015\060\066\061\061\061\060\060  
\060\060\060\060\060\132\027\015\063\061\061\061\061\060\060\060  
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104  
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006  
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145  
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023  
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145  
\144\040\111\104\040\122\157\157\164\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\255\016\025  
\316\344\103\200\134\261\207\363\267\140\371\161\022\245\256\334  
\046\224\210\252\364\316\365\040\071\050\130\140\014\370\200\332  
\251\025\225\062\141\074\265\261\050\204\212\212\334\237\012\014  
\203\027\172\217\220\254\212\347\171\123\134\061\204\052\366\017  
\230\062\066\166\314\336\335\074\250\242\357\152\373\041\362\122  
\141\337\237\040\327\037\342\261\331\376\030\144\322\022\133\137  
\371\130\030\065\274\107\315\241\066\371\153\177\324\260\070\076  
\301\033\303\214\063\331\330\057\030\376\050\017\263\247\203\326  
\303\156\104\300\141\065\226\026\376\131\234\213\166\155\327\361  
\242\113\015\053\377\013\162\332\236\140\320\216\220\065\306\170  
\125\207\040\241\317\345\155\012\310\111\174\061\230\063\154\042  
\351\207\320\062\132\242\272\023\202\021\355\071\027\235\231\072  
\162\241\346\372\244\331\325\027\061\165\256\205\175\042\256\077  
\001\106\206\366\050\171\310\261\332\344\127\027\304\176\034\016  
\260\264\222\246\126\263\275\262\227\355\252\247\360\267\305\250  
\077\225\026\320\377\241\226\353\010\137\030\167\117\002\003\001  
\000\001\243\143\060\141\060\016\006\003\125\035\017\001\001\377

```
\004\004\003\002\001\206\060\017\006\003\125\035\023\001\001\377
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026
\004\024\105\353\242\257\364\222\313\202\061\055\121\213\247\247
\041\235\363\155\310\017\060\037\006\003\125\035\043\004\030\060
\026\200\024\105\353\242\257\364\222\313\202\061\055\121\213\247
\247\041\235\363\155\310\017\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\003\202\001\001\000\242\016\274\337\342
\355\360\343\162\163\172\144\224\277\367\162\146\330\062\344\102
\165\142\256\207\353\362\325\331\336\126\263\237\314\316\024\050
\271\015\227\140\134\022\114\130\344\323\075\203\111\105\130\227
\065\151\032\250\107\352\126\306\171\253\022\330\147\201\204\337
\177\011\074\224\346\270\046\054\040\275\075\263\050\211\367\137
\377\042\342\227\204\037\351\145\357\207\340\337\301\147\111\263
\135\353\262\011\052\353\046\355\170\276\175\077\053\363\267\046
\065\155\137\211\001\266\111\133\237\001\005\233\253\075\045\301
\314\266\177\302\361\157\206\306\372\144\150\353\201\055\224\353
\102\267\372\214\036\335\142\361\276\120\147\267\154\275\363\361
\037\153\014\066\007\026\177\067\174\251\133\155\172\361\022\106
\140\203\327\047\004\276\113\316\227\276\303\147\052\150\021\337
\200\347\014\063\146\277\023\015\024\156\363\177\037\143\020\036
\372\215\033\045\155\154\217\245\267\141\001\261\322\243\046\241
\020\161\235\255\342\303\371\303\231\121\267\053\007\010\316\056
\346\120\262\247\372\012\105\057\242\360\362
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "DigiCert Assured ID Root CA"
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0c:e7:e0:e5:17:d8:46:fe:8f:e5:60:fc:1b:f0:30:39
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
# Fingerprint (MD5): 87:CE:0B:7B:2A:0E:49:00:E1:58:71:9B:37:A8:93:72
# Fingerprint (SHA1): 05:63:B8:63:0D:62:D7:5A:BB:C8:AB:1E:4B:DF:B5:A8:99:B2:4D:43
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\005\143\270\143\015\142\327\132\273\310\253\036\113\337\265\250
\231\262\115\103
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\207\316\013\173\052\016\111\000\341\130\161\233\067\250\223\162
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\347\340\345\027\330\106\376\217\345\140\374\033\360
\060\071
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

# Certificate "DigiCert Global Root CA"

#

# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a

# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Fri Nov 10 00:00:00 2006

# Not Valid After : Mon Nov 10 00:00:00 2031

# Fingerprint (MD5): 79:E4:A9:84:0D:7D:3A:96:D7:C0:4F:E2:43:4C:89:2E

# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Global Root CA"
```

```
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
```

```
CKA_SUBJECT MULTILINE_OCTAL
```

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
```

END

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
```



\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151  
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221  
\307\112

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\257\060\202\002\227\240\003\002\001\002\002\020\010  
\073\340\126\220\102\106\261\241\165\152\311\131\221\307\112\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\141  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145  
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\103  
\101\060\036\027\015\060\066\061\061\061\060\060\060\060\060\060  
\060\132\027\015\063\061\061\061\061\060\060\060\060\060\060\060  
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103  
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013  
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143  
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147  
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157  
\164\040\103\101\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\342\073\341\021\162\336\250\244\323\243\127  
\252\120\242\217\013\167\220\311\242\245\356\022\316\226\133\001  
\011\040\314\001\223\247\116\060\267\123\367\103\304\151\000\127  
\235\342\215\042\335\207\006\100\000\201\011\316\316\033\203\277  
\337\315\073\161\106\342\326\146\307\005\263\166\047\026\217\173  
\236\036\225\175\356\267\110\243\010\332\326\257\172\014\071\006  
\145\177\112\135\037\274\027\370\253\276\356\050\327\164\177\172  
\170\231\131\205\150\156\134\043\062\113\277\116\300\350\132\155  
\343\160\277\167\020\277\374\001\366\205\331\250\104\020\130\062  
\251\165\030\325\321\242\276\107\342\047\152\364\232\063\370\111  
\010\140\213\324\137\264\072\204\277\241\252\112\114\175\076\317  
\117\137\154\166\136\240\113\067\221\236\334\042\346\155\316\024  
\032\216\152\313\376\315\263\024\144\027\307\133\051\236\062\277  
\362\356\372\323\013\102\324\253\267\101\062\332\014\324\357\370  
\201\325\273\215\130\077\265\033\350\111\050\242\160\332\061\004  
\335\367\262\026\362\114\012\116\007\250\355\112\075\136\265\177  
\243\220\303\257\047\002\003\001\000\001\243\143\060\141\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060

```
\035\006\003\125\035\016\004\026\004\024\003\336\120\065\126\321
\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060\037
\006\003\125\035\043\004\030\060\026\200\024\003\336\120\065\126
\321\114\273\146\360\243\342\033\033\303\227\262\075\321\125\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003\202
\001\001\000\313\234\067\252\110\023\022\012\372\335\104\234\117
\122\260\364\337\256\004\365\171\171\010\243\044\030\374\113\053
\204\300\055\271\325\307\376\364\301\037\130\313\270\155\234\172
\164\347\230\051\253\021\265\343\160\240\241\315\114\210\231\223
\214\221\160\342\253\017\034\276\223\251\377\143\325\344\007\140
\323\243\277\235\133\011\361\325\216\343\123\364\216\143\372\077
\247\333\264\146\337\142\146\326\321\156\101\215\362\055\265\352
\167\112\237\235\130\342\053\131\300\100\043\355\055\050\202\105
\076\171\124\222\046\230\340\200\110\250\067\357\360\326\171\140
\026\336\254\350\016\315\156\254\104\027\070\057\111\332\341\105
\076\052\271\066\123\317\072\120\006\367\056\350\304\127\111\154
\141\041\030\325\004\255\170\074\054\072\200\153\247\353\257\025
\024\351\330\211\301\271\070\154\342\221\154\212\377\144\271\167
\045\127\060\300\033\044\243\341\334\351\337\107\174\265\264\044
\010\005\060\354\055\275\013\277\105\277\120\271\251\363\353\230
\001\022\255\310\210\306\230\064\137\215\012\074\306\351\325\225
\225\155\336
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "DigiCert Global Root CA"

# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:08:3b:e0:56:90:42:46:b1:a1:75:6a:c9:59:91:c7:4a

# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Fri Nov 10 00:00:00 2006

# Not Valid After : Mon Nov 10 00:00:00 2031

# Fingerprint (MD5): 79:E4:A9:84:0D:7D:3A:96:D7:C0:4F:E2:43:4C:89:2E

# Fingerprint (SHA1): A8:98:5D:3A:65:E5:E5:C4:B2:D7:D6:6D:40:C6:DD:2F:B1:9C:54:36

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Global Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\250\230\135\072\145\345\345\304\262\327\326\155\100\306\335\057
\261\234\124\066
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\171\344\251\204\015\175\072\226\327\300\117\342\103\114\211\056
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\010\073\340\126\220\102\106\261\241\165\152\311\131\221
\307\112
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert High Assurance EV Root CA"

#

# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77

# Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Fri Nov 10 00:00:00 2006

# Not Valid After : Mon Nov 10 00:00:00 2031

# Fingerprint (MD5): D4:74:DE:57:5C:39:B2:D3:9C:85:83:C5:C0:65:49:8A

# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert High Assurance EV Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
```

\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151  
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141  
\156\143\145\040\105\126\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106  
\045\167

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\305\060\202\002\255\240\003\002\001\002\002\020\002  
\254\134\046\152\013\100\233\217\013\171\362\256\106\045\167\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\154  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\053\060\051\006\003\125\004\003\023\042\104\151\147\151\103\145  
\162\164\040\110\151\147\150\040\101\163\163\165\162\141\156\143  
\145\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015  
\060\066\061\061\061\060\060\060\060\060\060\060\132\027\015\063  
\061\061\061\061\060\060\060\060\060\060\060\132\060\154\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006  
\003\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111  
\156\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167  
\056\144\151\147\151\143\145\162\164\056\143\157\155\061\053\060  
\051\006\003\125\004\003\023\042\104\151\147\151\103\145\162\164  
\040\110\151\147\150\040\101\163\163\165\162\141\156\143\145\040  
\105\126\040\122\157\157\164\040\103\101\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\306\314\345\163\346  
\373\324\273\345\055\055\062\246\337\345\201\077\311\315\045\111  
\266\161\052\303\325\224\064\147\242\012\034\260\137\151\246\100  
\261\304\267\262\217\320\230\244\251\101\131\072\323\334\224\326  
\074\333\164\070\244\112\314\115\045\202\367\112\245\123\022\070  
\356\363\111\155\161\221\176\143\266\253\246\137\303\244\204\370  
\117\142\121\276\370\305\354\333\070\222\343\006\345\010\221\014  
\304\050\101\125\373\313\132\211\025\176\161\350\065\277\115\162  
\011\075\276\072\070\120\133\167\061\033\215\263\307\044\105\232  
\247\254\155\000\024\132\004\267\272\023\353\121\012\230\101\101  
\042\116\145\141\207\201\101\120\246\171\134\211\336\031\112\127  
\325\056\346\135\034\123\054\176\230\315\032\006\026\244\150\163  
\320\064\004\023\134\241\161\323\132\174\125\333\136\144\341\067  
\207\060\126\004\345\021\264\051\200\022\361\171\071\210\242\002  
\021\174\047\146\267\210\267\170\362\312\012\250\070\253\012\144  
\302\277\146\135\225\204\301\241\045\036\207\135\032\120\013\040  
\022\314\101\273\156\013\121\070\270\113\313\002\003\001\000\001  
\243\143\060\141\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005

```
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024
\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002\357
\143\144\053\303\060\037\006\003\125\035\043\004\030\060\026\200
\024\261\076\303\151\003\370\277\107\001\324\230\046\032\010\002
\357\143\144\053\303\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\003\202\001\001\000\034\032\006\227\334\327\234
\237\074\210\146\006\010\127\041\333\041\107\370\052\147\252\277
\030\062\166\100\020\127\301\212\363\172\331\021\145\216\065\372
\236\374\105\265\236\331\114\061\113\270\221\350\103\054\216\263
\170\316\333\343\123\171\161\326\345\041\224\001\332\125\207\232
\044\144\366\212\146\314\336\234\067\315\250\064\261\151\233\043
\310\236\170\042\053\160\103\343\125\107\061\141\031\357\130\305
\205\057\116\060\366\240\061\026\043\310\347\342\145\026\063\313
\277\032\033\240\075\370\312\136\213\061\213\140\010\211\055\014
\006\134\122\267\304\371\012\230\321\025\137\237\022\276\174\066
\143\070\275\104\244\177\344\046\053\012\304\227\151\015\351\214
\342\300\020\127\270\310\166\022\221\125\362\110\151\330\274\052
\002\133\017\104\324\040\061\333\364\272\160\046\135\220\140\236
\274\113\027\011\057\264\313\036\103\150\311\007\047\301\322\134
\367\352\041\271\150\022\234\074\234\277\236\374\200\134\233\143
\315\354\107\252\045\047\147\240\067\363\000\202\175\124\327\251
\370\351\056\023\243\167\350\037\112
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "DigiCert High Assurance EV Root CA"

# Issuer: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:02:ac:5c:26:6a:0b:40:9b:8f:0b:79:f2:ae:46:25:77

# Subject: CN=DigiCert High Assurance EV Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Fri Nov 10 00:00:00 2006

# Not Valid After : Mon Nov 10 00:00:00 2031

# Fingerprint (MD5): D4:74:DE:57:5C:39:B2:D3:9C:85:83:C5:C0:65:49:8A

# Fingerprint (SHA1): 5F:B7:EE:06:33:E2:59:DB:AD:0C:4C:9A:E6:D3:8F:1A:61:C7:DC:25

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert High Assurance EV Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\137\267\356\006\063\342\131\333\255\014\114\232\346\323\217\032
\141\307\334\045
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\324\164\336\127\134\071\262\323\234\205\203\305\300\145\111\212
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\053\060\051\006\003\125\004\003\023\042\104\151\147\151
\103\145\162\164\040\110\151\147\150\040\101\163\163\165\162\141
\156\143\145\040\105\126\040\122\157\157\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\002\254\134\046\152\013\100\233\217\013\171\362\256\106
\045\167
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DST Root CA X3"

#

# Issuer: CN=DST Root CA X3,O=Digital Signature Trust Co.

# Serial Number:44:af:b0:80:d6:a3:27:ba:89:30:39:86:2e:f8:40:6b

# Subject: CN=DST Root CA X3,O=Digital Signature Trust Co.

# Not Valid Before: Sat Sep 30 21:12:19 2000

# Not Valid After : Thu Sep 30 14:01:15 2021

# Fingerprint (MD5): 41:03:52:DC:0F:F7:50:1B:16:F0:02:8E:BA:6F:45:C5

# Fingerprint (SHA1): DA:C9:02:4F:54:D8:F6:DF:94:93:5F:B1:73:26:38:CA:6A:D7:7C:13

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DST Root CA X3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\077\061\044\060\042\006\003\125\004\012\023\033\104\151\147
\151\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124
\162\165\163\164\040\103\157\056\061\027\060\025\006\003\125\004
\003\023\016\104\123\124\040\122\157\157\164\040\103\101\040\130
\063
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\077\061\044\060\042\006\003\125\004\012\023\033\104\151\147
\151\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124
\162\165\163\164\040\103\157\056\061\027\060\025\006\003\125\004
\003\023\016\104\123\124\040\122\157\157\164\040\103\101\040\130
\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\104\257\260\200\326\243\047\272\211\060\071\206\056\370
\100\153
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\112\060\202\002\062\240\003\002\001\002\002\020\104
\257\260\200\326\243\047\272\211\060\071\206\056\370\100\153\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\077
\061\044\060\042\006\003\125\004\012\023\033\104\151\147\151\164
\141\154\040\123\151\147\156\141\164\165\162\145\040\124\162\165
\163\164\040\103\157\056\061\027\060\025\006\003\125\004\003\023
\016\104\123\124\040\122\157\157\164\040\103\101\040\130\063\060
\036\027\015\060\060\060\071\063\060\062\061\061\062\061\071\132
\027\015\062\061\060\071\063\060\061\064\060\061\061\065\132\060
\077\061\044\060\042\006\003\125\004\012\023\033\104\151\147\151
\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124\162
\165\163\164\040\103\157\056\061\027\060\025\006\003\125\004\003
\023\016\104\123\124\040\122\157\157\164\040\103\101\040\130\063
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001
\000\337\257\351\227\120\010\203\127\264\314\142\145\366\220\202
\354\307\323\054\153\060\312\133\354\331\303\175\307\100\301\030
\024\213\340\350\063\166\111\052\343\077\041\111\223\254\116\016
\257\076\110\313\145\356\374\323\041\017\145\322\052\331\062\217
\214\345\367\167\260\022\173\265\225\300\211\243\251\272\355\163
\056\172\014\006\062\203\242\176\212\024\060\315\021\240\341\052
\070\271\171\012\061\375\120\275\200\145\337\267\121\143\203\310
\342\210\141\352\113\141\201\354\122\153\271\242\342\113\032\050
\237\110\243\236\014\332\011\216\076\027\056\036\335\040\337\133
\306\052\212\253\056\275\160\255\305\013\032\045\220\164\162\305
\173\152\253\064\326\060\211\377\345\150\023\173\124\013\310\326
\256\354\132\234\222\036\075\144\263\214\306\337\277\311\101\160
\354\026\162\325\046\354\070\125\071\103\320\374\375\030\134\100
\361\227\353\325\232\233\215\035\272\332\045\271\306\330\337\301
\025\002\072\253\332\156\361\076\056\365\134\010\234\074\326\203
\151\344\020\233\031\052\266\051\127\343\345\075\233\237\360\002
\135\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125
\035\016\004\026\004\024\304\247\261\244\173\054\161\372\333\341
\113\220\165\377\304\025\140\205\211\020\060\015\006\011\052\206
\110\206\367\015\001\001\005\005\000\003\202\001\001\000\243\032
\054\233\027\000\134\251\036\356\050\146\067\072\277\203\307\077
\113\303\011\240\225\040\135\343\331\131\104\322\076\015\076\275
\212\113\240\164\037\316\020\202\234\164\032\035\176\230\032\335
\313\023\113\263\040\104\344\221\351\314\374\175\245\333\152\345
\376\346\375\340\116\335\267\000\072\265\160\111\257\362\345\353
\002\361\321\002\213\031\313\224\072\136\110\304\030\036\130\031
```

```
\137\036\002\132\360\014\361\261\255\251\334\131\206\213\156\351
\221\365\206\312\372\271\146\063\252\131\133\316\342\247\026\163
\107\313\053\314\231\260\067\110\317\343\126\113\365\317\017\014
\162\062\207\306\360\104\273\123\162\155\103\365\046\110\232\122
\147\267\130\253\376\147\166\161\170\333\015\242\126\024\023\071
\044\061\205\242\250\002\132\060\107\341\335\120\007\274\002\011
\220\000\353\144\143\140\233\026\274\210\311\022\346\322\175\221
\213\371\075\062\215\145\264\351\174\261\127\166\352\305\266\050
\071\277\025\145\034\310\366\167\226\152\012\215\167\013\330\221
\013\004\216\007\333\051\266\012\356\235\202\065\065\020
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "DST Root CA X3"
```

```
# Issuer: CN=DST Root CA X3,O=Digital Signature Trust Co.
```

```
# Serial Number:44:af:b0:80:d6:a3:27:ba:89:30:39:86:2e:f8:40:6b
```

```
# Subject: CN=DST Root CA X3,O=Digital Signature Trust Co.
```

```
# Not Valid Before: Sat Sep 30 21:12:19 2000
```

```
# Not Valid After : Thu Sep 30 14:01:15 2021
```

```
# Fingerprint (MD5): 41:03:52:DC:0F:F7:50:1B:16:F0:02:8E:BA:6F:45:C5
```

```
# Fingerprint (SHA1): DA:C9:02:4F:54:D8:F6:DF:94:93:5F:B1:73:26:38:CA:6A:D7:7C:13
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DST Root CA X3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\332\311\002\117\124\330\366\337\224\223\137\261\163\046\070\312
\152\327\174\023
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\101\003\122\334\017\367\120\033\026\360\002\216\272\157\105\305
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\077\061\044\060\042\006\003\125\004\012\023\033\104\151\147
\151\164\141\154\040\123\151\147\156\141\164\165\162\145\040\124
\162\165\163\164\040\103\157\056\061\027\060\025\006\003\125\004
\003\023\016\104\123\124\040\122\157\157\164\040\103\101\040\130
\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\104\257\260\200\326\243\047\272\211\060\071\206\056\370
\100\153
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```



CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SwissSign Platinum CA - G2"

#

# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH

# Serial Number:4e:b2:00:67:0c:03:5d:4f

# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH

# Not Valid Before: Wed Oct 25 08:36:00 2006

# Not Valid After : Sat Oct 25 08:36:00 2036

# Fingerprint (MD5): C9:98:27:77:28:1E:3D:0E:15:3C:84:00:B8:85:03:E6

# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SwissSign Platinum CA - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023  
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151  
\156\165\155\040\103\101\040\055\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023  
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151  
\156\165\155\040\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\116\262\000\147\014\003\135\117

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\301\060\202\003\251\240\003\002\001\002\002\010\116  
\262\000\147\014\003\135\117\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\111\061\013\060\011\006\003\125\004  
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014  
\123\167\151\163\163\123\151\147\156\040\101\107\061\043\060\041  
\006\003\125\004\003\023\032\123\167\151\163\163\123\151\147\156  
\040\120\154\141\164\151\156\165\155\040\103\101\040\055\040\107  
\062\060\036\027\015\060\066\061\060\062\065\060\070\063\066\060  
\060\132\027\015\063\066\061\060\062\065\060\070\063\066\060\060  
\132\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110

\061\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163  
\123\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003  
\023\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164  
\151\156\165\155\040\103\101\040\055\040\107\062\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\337\242  
\002\342\332\370\374\007\026\261\336\140\252\336\226\134\144\037  
\307\057\176\317\147\372\104\102\326\166\143\225\256\353\257\162  
\040\212\105\107\206\142\170\206\326\040\071\046\364\256\243\375  
\043\347\245\234\265\042\041\031\267\067\223\042\300\120\234\202  
\173\324\325\004\104\134\313\264\302\237\222\276\044\330\173\147  
\042\342\151\137\345\005\170\324\207\331\161\160\063\045\123\264  
\207\073\051\220\050\066\232\125\104\060\150\244\203\227\177\015  
\036\234\166\377\025\235\140\227\000\215\212\205\003\354\200\276  
\352\054\156\020\121\222\314\176\325\243\063\330\326\111\336\130  
\052\257\366\026\353\113\173\220\062\227\271\272\235\130\361\370  
\127\111\004\036\242\135\006\160\335\161\333\371\335\213\232\033  
\214\317\075\243\115\316\313\174\366\273\234\240\372\011\316\043  
\142\262\351\015\037\342\162\050\217\237\254\150\040\175\157\073  
\250\205\061\011\177\013\307\350\145\351\343\170\016\011\147\060  
\213\064\202\373\135\340\314\235\201\155\142\356\010\036\004\054  
\116\233\354\376\251\117\137\375\151\170\357\011\037\241\264\277  
\372\363\357\220\036\114\005\213\036\352\172\221\172\303\327\345  
\373\060\274\154\033\020\130\230\367\032\137\320\051\062\003\023  
\106\115\141\152\205\114\122\164\057\006\037\173\021\342\204\227  
\306\231\363\155\177\327\147\203\176\023\150\330\161\050\132\330  
\316\335\350\020\024\232\376\155\043\207\156\216\132\160\074\325  
\215\011\000\247\252\274\260\061\067\155\310\204\024\036\133\275  
\105\143\040\153\113\164\214\275\333\072\016\301\317\132\026\217  
\245\230\362\166\211\262\023\022\073\013\167\167\254\273\345\074  
\051\112\222\162\312\141\032\053\136\114\342\203\164\167\372\065  
\110\172\205\115\215\232\123\304\337\170\312\227\221\110\053\105  
\053\001\367\034\032\242\355\030\272\012\275\203\372\157\274\215  
\127\223\073\324\324\246\316\036\361\240\261\316\253\375\053\050  
\232\117\033\327\303\162\333\244\304\277\135\114\365\335\173\226  
\151\356\150\200\346\347\230\272\066\267\376\156\355\053\275\040  
\370\145\031\332\125\011\176\045\334\376\141\142\162\371\176\030  
\002\357\143\264\320\373\257\345\073\143\214\147\217\002\003\001  
\000\001\243\201\254\060\201\251\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016  
\004\026\004\024\120\257\314\007\207\025\107\157\070\305\264\145  
\321\336\225\252\351\337\234\314\060\037\006\003\125\035\043\004  
\030\060\026\200\024\120\257\314\007\207\025\107\157\070\305\264  
\145\321\336\225\252\351\337\234\314\060\106\006\003\125\035\040  
\004\077\060\075\060\073\006\011\140\205\164\001\131\001\001\001  
\001\060\056\060\054\006\010\053\006\001\005\005\007\002\001\026  
\040\150\164\164\160\072\057\057\162\145\160\157\163\151\164\157

\162\171\056\163\167\151\163\163\163\151\147\156\056\143\157\155  
\057\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\002\001\000\010\205\246\365\026\014\374\104\032\301\143  
\340\371\125\106\010\374\160\034\102\050\226\216\267\305\301\101  
\165\116\011\161\171\345\155\226\312\113\245\210\140\320\060\164  
\270\312\010\334\264\060\236\100\007\026\153\145\225\167\001\256  
\244\267\065\013\201\332\161\025\251\164\027\070\173\130\312\371  
\057\373\300\145\166\215\133\001\271\175\336\202\075\144\270\276  
\024\164\243\012\124\323\054\225\030\027\065\365\121\153\077\217  
\242\226\141\071\170\153\113\345\246\240\370\123\337\121\020\223  
\142\347\200\057\342\321\340\274\216\066\106\167\063\354\270\373  
\216\232\054\211\115\061\021\017\046\236\004\273\267\004\215\013  
\362\271\374\132\235\073\026\267\057\310\230\253\376\212\120\131  
\056\243\073\374\051\135\213\301\113\311\342\212\023\035\261\277  
\273\102\035\122\335\116\330\024\136\020\306\061\007\357\161\047  
\367\033\071\011\334\202\352\213\263\225\206\136\375\365\332\135  
\061\246\340\061\266\224\346\104\111\164\305\026\345\367\037\003  
\141\050\305\310\313\022\240\102\113\371\153\210\010\215\264\062  
\030\363\165\237\304\177\000\117\005\225\234\243\027\002\303\263  
\123\233\252\040\071\051\053\146\372\235\257\136\263\222\322\265  
\246\341\032\371\055\101\151\201\024\264\264\265\355\211\075\316  
\373\251\235\065\102\104\261\034\024\163\201\317\052\001\065\232  
\061\325\055\217\155\204\337\200\115\127\343\077\305\204\165\332  
\211\306\060\273\353\217\313\042\010\240\256\252\361\003\154\072  
\113\115\011\245\016\162\306\126\153\041\102\116\043\045\024\150  
\256\166\012\174\014\007\160\144\371\232\057\366\005\071\046\306  
\014\217\031\177\103\136\156\364\133\025\057\333\141\135\346\147  
\057\077\010\224\371\140\264\230\061\332\164\361\204\223\161\115  
\137\373\140\130\321\373\304\301\155\211\242\273\040\037\235\161  
\221\313\062\233\023\075\076\175\222\122\065\254\222\224\242\323  
\030\302\174\307\352\257\166\005\026\335\147\047\302\176\034\007  
\042\041\363\100\012\033\064\007\104\023\302\204\152\216\337\031  
\132\277\177\353\035\342\032\070\321\134\257\107\222\153\200\265  
\060\245\311\215\330\253\061\201\037\337\302\146\067\323\223\251  
\205\206\171\145\322

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SwissSign Platinum CA - G2"  
# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH  
# Serial Number:4e:b2:00:67:0c:03:5d:4f  
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH  
# Not Valid Before: Wed Oct 25 08:36:00 2006  
# Not Valid After : Sat Oct 25 08:36:00 2036  
# Fingerprint (MD5): C9:98:27:77:28:1E:3D:0E:15:3C:84:00:B8:85:03:E6  
# Fingerprint (SHA1): 56:E0:FA:C0:3B:8F:18:23:55:18:E5:D3:11:CA:E8:C2:43:31:AB:66

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Platinum CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\126\340\372\300\073\217\030\043\125\030\345\323\021\312\350\302
\103\061\253\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\311\230\047\167\050\036\075\016\025\074\204\000\270\205\003\346
END
CKA_ISSUER MULTILINE_OCTAL
\060\111\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\043\060\041\006\003\125\004\003\023
\032\123\167\151\163\163\123\151\147\156\040\120\154\141\164\151
\156\165\155\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\116\262\000\147\014\003\135\117
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SwissSign Gold CA - G2"
#
# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0
# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:30:35 2006
# Not Valid After : Sat Oct 25 08:30:35 2036
# Fingerprint (MD5): 24:77:D9:A8:91:D1:3B:FA:88:2D:C2:FF:F8:CD:33:93
# Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040

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\103\101\040\055\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023  
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040  
\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\273\100\034\103\365\136\117\260

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\272\060\202\003\242\240\003\002\001\002\002\011\000  
\273\100\034\103\365\136\117\260\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\060\105\061\013\060\011\006\003\125  
\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023  
\014\123\167\151\163\163\123\151\147\156\040\101\107\061\037\060  
\035\006\003\125\004\003\023\026\123\167\151\163\163\123\151\147  
\156\040\107\157\154\144\040\103\101\040\055\040\107\062\060\036  
\027\015\060\066\061\060\062\065\060\070\063\060\063\065\132\027  
\015\063\066\061\060\062\065\060\070\063\060\063\065\132\060\105  
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025\060  
\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147  
\156\040\101\107\061\037\060\035\006\003\125\004\003\023\026\123  
\167\151\163\163\123\151\147\156\040\107\157\154\144\040\103\101  
\040\055\040\107\062\060\202\002\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002  
\012\002\202\002\001\000\257\344\356\176\213\044\016\022\156\251  
\120\055\026\104\073\222\222\134\312\270\135\204\222\102\023\052  
\274\145\127\202\100\076\127\044\315\120\213\045\052\267\157\374  
\357\242\320\300\037\002\044\112\023\226\217\043\023\346\050\130  
\000\243\107\307\006\247\204\043\053\273\275\226\053\177\125\314  
\213\301\127\037\016\142\145\017\335\075\126\212\163\332\256\176  
\155\272\201\034\176\102\214\040\065\331\103\115\204\372\204\333  
\122\054\363\016\047\167\013\153\277\021\057\162\170\237\056\330  
\076\346\030\067\132\052\162\371\332\142\220\222\225\312\037\234  
\351\263\074\053\313\363\001\023\277\132\317\301\265\012\140\275  
\335\265\231\144\123\270\240\226\263\157\342\046\167\221\214\340  
\142\020\002\237\064\017\244\325\222\063\121\336\276\215\272\204  
\172\140\074\152\333\237\053\354\336\336\001\077\156\115\345\120  
\206\313\264\257\355\104\100\305\312\132\214\332\322\053\174\250  
\356\276\246\345\012\252\016\245\337\005\122\267\125\307\042\135  
\062\152\227\227\143\023\333\311\333\171\066\173\205\072\112\305  
\122\211\371\044\347\235\167\251\202\377\125\034\245\161\151\053  
\321\002\044\362\263\046\324\153\332\004\125\345\301\012\307\155  
\060\067\220\052\344\236\024\063\136\026\027\125\305\133\265\313

\064\211\222\361\235\046\217\241\007\324\306\262\170\120\333\014  
\014\013\174\013\214\101\327\271\351\335\214\210\367\243\115\262  
\062\314\330\027\332\315\267\316\146\235\324\375\136\377\275\227  
\076\051\165\347\176\247\142\130\257\045\064\245\101\307\075\274  
\015\120\312\003\003\017\010\132\037\225\163\170\142\277\257\162  
\024\151\016\245\345\003\016\170\216\046\050\102\360\007\013\142  
\040\020\147\071\106\372\251\003\314\004\070\172\146\357\040\203  
\265\214\112\126\216\221\000\374\216\134\202\336\210\240\303\342  
\150\156\175\215\357\074\335\145\364\135\254\121\357\044\200\256  
\252\126\227\157\371\255\175\332\141\077\230\167\074\245\221\266  
\034\214\046\332\145\242\011\155\301\342\124\343\271\312\114\114  
\200\217\167\173\140\232\036\337\266\362\110\036\016\272\116\124  
\155\230\340\341\242\032\242\167\120\317\304\143\222\354\107\031  
\235\353\346\153\316\301\002\003\001\000\001\243\201\254\060\201  
\251\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\035\006\003\125\035\016\004\026\004\024\133\045\173  
\226\244\145\121\176\270\071\363\300\170\146\136\350\072\347\360  
\356\060\037\006\003\125\035\043\004\030\060\026\200\024\133\045  
\173\226\244\145\121\176\270\071\363\300\170\146\136\350\072\347  
\360\356\060\106\006\003\125\035\040\004\077\060\075\060\073\006  
\011\140\205\164\001\131\001\002\001\001\060\056\060\054\006\010  
\053\006\001\005\005\007\002\001\026\040\150\164\164\160\072\057  
\057\162\145\160\157\163\151\164\157\162\171\056\163\167\151\163  
\163\163\151\147\156\056\143\157\155\057\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\047\272  
\343\224\174\361\256\300\336\027\346\345\330\325\365\124\260\203  
\364\273\315\136\005\173\117\237\165\146\257\074\350\126\176\374  
\162\170\070\003\331\053\142\033\000\271\370\351\140\315\314\316  
\121\212\307\120\061\156\341\112\176\030\057\151\131\266\075\144  
\201\053\343\203\204\346\042\207\216\175\340\356\002\231\141\270  
\036\364\270\053\210\022\026\204\302\061\223\070\226\061\246\271  
\073\123\077\303\044\223\126\133\151\222\354\305\301\273\070\000  
\343\354\027\251\270\334\307\174\001\203\237\062\107\272\122\042  
\064\035\062\172\011\126\247\174\045\066\251\075\113\332\300\202  
\157\012\273\022\310\207\113\047\021\371\036\055\307\223\077\236  
\333\137\046\153\122\331\056\212\361\024\306\104\215\025\251\267  
\277\275\336\246\032\356\256\055\373\110\167\027\376\273\354\257  
\030\365\052\121\360\071\204\227\225\154\156\033\303\053\304\164  
\140\171\045\260\012\047\337\337\136\322\071\317\105\175\102\113  
\337\263\054\036\305\306\135\312\125\072\240\234\151\232\217\332  
\357\262\260\074\237\207\154\022\053\145\160\025\122\061\032\044  
\317\157\061\043\120\037\214\117\217\043\303\164\101\143\034\125  
\250\024\335\076\340\121\120\317\361\033\060\126\016\222\260\202  
\205\330\203\313\042\144\274\055\270\045\325\124\242\270\006\352  
\255\222\244\044\240\301\206\265\112\023\152\107\317\056\013\126  
\225\124\313\316\232\333\152\264\246\262\333\101\010\206\047\167  
\367\152\240\102\154\013\070\316\327\165\120\062\222\302\337\053

```
\060\042\110\320\325\101\070\045\135\244\351\135\237\306\224\165
\320\105\375\060\227\103\217\220\253\012\307\206\163\140\112\151
\055\336\245\170\327\006\332\152\236\113\076\167\072\040\023\042
\001\320\277\150\236\143\140\153\065\115\013\155\272\241\075\300
\223\340\177\043\263\125\255\162\045\116\106\371\322\026\357\260
\144\301\001\236\351\312\240\152\230\016\317\330\140\362\057\111
\270\344\102\341\070\065\026\364\310\156\117\367\201\126\350\272
\243\276\043\257\256\375\157\003\340\002\073\060\166\372\033\155
\101\317\001\261\351\270\311\146\364\333\046\363\072\244\164\362
\111\044\133\311\260\320\127\301\372\076\172\341\227\311
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "SwissSign Gold CA - G2"
# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0
# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:30:35 2006
# Not Valid After : Sat Oct 25 08:30:35 2036
# Fingerprint (MD5): 24:77:D9:A8:91:D1:3B:FA:88:2D:C2:FF:F8:CD:33:93
# Fingerprint (SHA1): D8:C5:38:8A:B7:30:1B:1B:6E:D4:7A:E6:45:25:3A:6F:9F:1A:27:61
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SwissSign Gold CA - G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\330\305\070\212\267\060\033\033\156\324\172\346\105\045\072\157
\237\032\047\141
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\044\167\331\250\221\321\073\372\210\055\302\377\370\315\063\223
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\037\060\035\006\003\125\004\003\023
\026\123\167\151\163\163\123\151\147\156\040\107\157\154\144\040
\103\101\040\055\040\107\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\011\000\273\100\034\103\365\136\117\260
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SwissSign Silver CA - G2"

#

# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH

# Serial Number:4f:1b:d4:2f:54:bb:2f:4b

# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH

# Not Valid Before: Wed Oct 25 08:32:46 2006

# Not Valid After : Sat Oct 25 08:32:46 2036

# Fingerprint (MD5): E0:06:A1:C9:7D:CF:C9:FC:0D:C0:56:75:96:D8:62:13

# Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SwissSign Silver CA - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023  
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145  
\162\040\103\101\040\055\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123  
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023  
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145  
\162\040\103\101\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\117\033\324\057\124\273\057\113

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\275\060\202\003\245\240\003\002\001\002\002\010\117  
\033\324\057\124\273\057\113\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\107\061\013\060\011\006\003\125\004  
\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014  
\123\167\151\163\163\123\151\147\156\040\101\107\061\041\060\037  
\006\003\125\004\003\023\030\123\167\151\163\163\123\151\147\156  
\040\123\151\154\166\145\162\040\103\101\040\055\040\107\062\060  
\036\027\015\060\066\061\060\062\065\060\070\063\062\064\066\132  
\027\015\063\066\061\060\062\065\060\070\063\062\064\066\132\060  
\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061\025  
\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151



\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023\030  
\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145\162  
\040\103\101\040\055\040\107\062\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\304\361\207\177\323\170\061  
\367\070\311\370\303\231\103\274\307\367\274\067\347\116\161\272  
\113\217\245\163\035\134\156\230\256\003\127\256\070\067\103\057  
\027\075\037\310\316\150\020\301\170\256\031\003\053\020\372\054  
\171\203\366\350\271\150\271\125\362\004\104\247\071\371\374\004  
\213\036\361\242\115\047\371\141\173\272\267\345\242\023\266\353  
\141\076\320\154\321\346\373\372\136\355\035\264\236\240\065\133  
\241\222\313\360\111\222\376\205\012\005\076\346\331\013\342\117  
\273\334\225\067\374\221\351\062\065\042\321\037\072\116\047\205  
\235\260\025\224\062\332\141\015\107\115\140\102\256\222\107\350  
\203\132\120\130\351\212\213\271\135\241\334\335\231\112\037\066  
\147\273\110\344\203\266\067\353\110\072\257\017\147\217\027\007  
\350\004\312\357\152\061\207\324\300\266\371\224\161\173\147\144  
\270\266\221\112\102\173\145\056\060\152\014\365\220\356\225\346  
\362\315\202\354\331\241\112\354\366\262\113\345\105\205\346\155  
\170\223\004\056\234\202\155\066\251\304\061\144\037\206\203\013  
\052\364\065\012\170\311\125\317\101\260\107\351\060\237\231\276  
\141\250\006\204\271\050\172\137\070\331\033\251\070\260\203\177  
\163\301\303\073\110\052\202\017\041\233\270\314\250\065\303\204  
\033\203\263\076\276\244\225\151\001\072\211\000\170\004\331\311  
\364\231\031\253\126\176\133\213\206\071\025\221\244\020\054\011  
\062\200\140\263\223\300\052\266\030\013\235\176\215\111\362\020  
\112\177\371\325\106\057\031\222\243\231\247\046\254\273\214\074  
\346\016\274\107\007\334\163\121\361\160\144\057\010\371\264\107  
\035\060\154\104\352\051\067\205\222\150\146\274\203\070\376\173  
\071\056\323\120\360\037\373\136\140\266\251\246\372\047\101\361  
\233\030\162\362\365\204\164\112\311\147\304\124\256\110\144\337  
\214\321\156\260\035\341\007\217\010\036\231\234\161\351\114\330  
\245\367\107\022\037\164\321\121\236\206\363\302\242\043\100\013  
\163\333\113\246\347\163\006\214\301\240\351\301\131\254\106\372  
\346\057\370\317\161\234\106\155\271\304\025\215\070\171\003\105  
\110\357\304\135\327\010\356\207\071\042\206\262\015\017\130\103  
\367\161\251\110\056\375\352\326\037\002\003\001\000\001\243\201  
\254\060\201\251\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024  
\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034\302  
\230\372\206\130\060\037\006\003\125\035\043\004\030\060\026\200  
\024\027\240\315\301\344\101\266\072\133\073\313\105\235\275\034  
\302\230\372\206\130\060\106\006\003\125\035\040\004\077\060\075  
\060\073\006\011\140\205\164\001\131\001\003\001\001\060\056\060  
\054\006\010\053\006\001\005\005\007\002\001\026\040\150\164\164  
\160\072\057\057\162\145\160\157\163\151\164\157\162\171\056\163  
\167\151\163\163\163\151\147\156\056\143\157\155\057\060\015\006

\011\052\206\110\206\367\015\001\001\005\005\000\003\202\002\001  
\000\163\306\201\340\047\322\055\017\340\225\060\342\232\101\177  
\120\054\137\137\142\141\251\206\152\151\030\014\164\111\326\135  
\204\352\101\122\030\157\130\255\120\126\040\152\306\275\050\151  
\130\221\334\221\021\065\251\072\035\274\032\245\140\236\330\037  
\177\105\221\151\331\176\273\170\162\301\006\017\052\316\217\205  
\160\141\254\240\315\013\270\071\051\126\204\062\116\206\273\075  
\304\052\331\327\037\162\356\376\121\241\042\101\261\161\002\143  
\032\202\260\142\253\136\127\022\037\337\313\335\165\240\300\135  
\171\220\214\033\340\120\346\336\061\376\230\173\160\137\245\220  
\330\255\370\002\266\157\323\140\335\100\113\042\305\075\255\072  
\172\237\032\032\107\221\171\063\272\202\334\062\151\003\226\156  
\037\113\360\161\376\343\147\162\240\261\277\134\213\344\372\231  
\042\307\204\271\033\215\043\227\077\355\045\340\317\145\273\365  
\141\004\357\335\036\262\132\101\042\132\241\237\135\054\350\133  
\311\155\251\014\014\170\252\140\306\126\217\001\132\014\150\274  
\151\031\171\304\037\176\227\005\277\305\351\044\121\136\324\325  
\113\123\355\331\043\132\066\003\145\243\301\003\255\101\060\363  
\106\033\205\220\257\145\265\325\261\344\026\133\170\165\035\227  
\172\155\131\251\052\217\173\336\303\207\211\020\231\111\163\170  
\310\075\275\121\065\164\052\325\361\176\151\033\052\273\073\275  
\045\270\232\132\075\162\141\220\146\207\356\014\326\115\324\021  
\164\013\152\376\013\003\374\243\125\127\211\376\112\313\256\133  
\027\005\310\362\215\043\061\123\070\322\055\152\077\202\271\215  
\010\152\367\136\101\164\156\303\021\176\007\254\051\140\221\077  
\070\312\127\020\015\275\060\057\307\245\346\101\240\332\256\005  
\207\232\240\244\145\154\114\011\014\211\272\270\323\271\300\223  
\212\060\372\215\345\232\153\025\001\116\147\252\332\142\126\076  
\204\010\146\322\304\066\175\247\076\020\374\210\340\324\200\345  
\000\275\252\363\116\006\243\172\152\371\142\162\343\011\117\353  
\233\016\001\043\361\237\273\174\334\334\154\021\227\045\262\362  
\264\143\024\322\006\052\147\214\203\365\316\352\007\330\232\152  
\036\354\344\012\273\052\114\353\011\140\071\316\312\142\330\056  
\156

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SwissSign Silver CA - G2"  
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH  
# Serial Number:4f:1b:d4:2f:54:bb:2f:4b  
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH  
# Not Valid Before: Wed Oct 25 08:32:46 2006  
# Not Valid After : Sat Oct 25 08:32:46 2036  
# Fingerprint (MD5): E0:06:A1:C9:7D:CF:C9:FC:0D:C0:56:75:96:D8:62:13  
# Fingerprint (SHA1): 9B:AA:E5:9F:56:EE:21:CB:43:5A:BE:25:93:DF:A7:F0:40:D1:1D:CB  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Silver CA - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\233\252\345\237\126\356\041\313\103\132\276\045\223\337\247\360
\100\321\035\313
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\340\006\241\311\175\317\311\374\015\300\126\165\226\330\142\023
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123
\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145
\162\040\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\117\033\324\057\124\273\057\113
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GeoTrust Primary Certification Authority"
#
# Issuer: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US
# Serial Number:18:ac:b5:6a:fd:69:b6:15:3a:63:6c:af:da:fa:c4:a1
# Subject: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US
# Not Valid Before: Mon Nov 27 00:00:00 2006
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): 02:26:C3:01:5E:08:30:37:43:A9:D0:7D:CF:37:E6:BF
# Fingerprint (SHA1): 32:3C:11:8E:1B:F7:B8:B6:52:54:E2:E2:10:0D:D6:02:90:37:F0:96
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165
\163\164\040\111\156\143\056\061\061\060\057\006\003\125\004\003
\023\050\107\145\157\124\162\165\163\164\040\120\162\151\155\141
\162\171\040\103\145\162\164\151\146\151\143\141\164\151\157\156

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\040\101\165\164\150\157\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165  
\163\164\040\111\156\143\056\061\061\060\057\006\003\125\004\003  
\023\050\107\145\157\124\162\165\163\164\040\120\162\151\155\141  
\162\171\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\030\254\265\152\375\151\266\025\072\143\154\257\332\372  
\304\241

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\174\060\202\002\144\240\003\002\001\002\002\020\030  
\254\265\152\375\151\266\025\072\143\154\257\332\372\304\241\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\130  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026\060  
\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163\164  
\040\111\156\143\056\061\061\060\057\006\003\125\004\003\023\050  
\107\145\157\124\162\165\163\164\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\060\036\027\015\060\066\061\061  
\062\067\060\060\060\060\060\060\132\027\015\063\066\060\067\061  
\066\062\063\065\071\065\071\132\060\130\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004\012  
\023\015\107\145\157\124\162\165\163\164\040\111\156\143\056\061  
\061\060\057\006\003\125\004\003\023\050\107\145\157\124\162\165  
\163\164\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\276\270\025\173\377\324\174\175\147\255\203\144\173  
\310\102\123\055\337\366\204\010\040\141\326\001\131\152\234\104  
\021\257\357\166\375\225\176\316\141\060\273\172\203\137\002\275  
\001\146\312\356\025\215\157\241\060\234\275\241\205\236\224\072  
\363\126\210\000\061\317\330\356\152\226\002\331\355\003\214\373  
\165\155\347\352\270\125\026\005\026\232\364\340\136\261\210\300  
\144\205\134\025\115\210\307\267\272\340\165\351\255\005\075\235  
\307\211\110\340\273\050\310\003\341\060\223\144\136\122\300\131  
\160\042\065\127\210\212\361\225\012\203\327\274\061\163\001\064  
\355\357\106\161\340\153\002\250\065\162\153\227\233\146\340\313  
\034\171\137\330\032\004\150\036\107\002\346\235\140\342\066\227  
\001\337\316\065\222\337\276\147\307\155\167\131\073\217\235\326  
\220\025\224\274\102\064\020\301\071\371\261\047\076\176\326\212  
\165\305\262\257\226\323\242\336\233\344\230\276\175\341\351\201

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\255\266\157\374\327\016\332\340\064\260\015\032\167\347\343\010
\230\357\130\372\234\204\267\066\257\302\337\254\322\364\020\006
\160\161\065\002\003\001\000\001\243\102\060\100\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006
\003\125\035\016\004\026\004\024\054\325\120\101\227\025\213\360
\217\066\141\133\112\373\153\331\231\311\063\222\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\132\160\177\054\335\267\064\117\365\206\121\251\046\276\113\270
\252\361\161\015\334\141\307\240\352\064\036\172\167\017\004\065
\350\047\217\154\220\277\221\026\044\106\076\112\116\316\053\026
\325\013\122\035\374\037\147\242\002\105\061\117\316\363\372\003
\247\171\235\123\152\331\332\143\072\370\200\327\323\231\341\245
\341\276\324\125\161\230\065\072\276\223\352\256\255\102\262\220
\157\340\374\041\115\065\143\063\211\111\326\233\116\312\307\347
\116\011\000\367\332\307\357\231\142\231\167\266\225\042\136\212
\240\253\364\270\170\230\312\070\031\231\311\162\236\170\315\113
\254\257\031\240\163\022\055\374\302\101\272\201\221\332\026\132
\061\267\371\264\161\200\022\110\231\162\163\132\131\123\301\143
\122\063\355\247\311\322\071\002\160\372\340\261\102\146\051\252
\233\121\355\060\124\042\024\137\331\253\035\301\344\224\360\370
\365\053\367\352\312\170\106\326\270\221\375\246\015\053\032\024
\001\076\200\360\102\240\225\007\136\155\315\314\113\244\105\215
\253\022\350\263\336\132\345\240\174\350\017\042\035\132\351\131
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "GeoTrust Primary Certification Authority"
# Issuer: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US
# Serial Number: 18:ac:b5:6a:fd:69:b6:15:3a:63:6c:af:da:fa:c4:a1
# Subject: CN=GeoTrust Primary Certification Authority,O=GeoTrust Inc.,C=US
# Not Valid Before: Mon Nov 27 00:00:00 2006
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): 02:26:C3:01:5E:08:30:37:43:A9:D0:7D:CF:37:E6:BF
# Fingerprint (SHA1): 32:3C:11:8E:1B:F7:B8:B6:52:54:E2:E2:10:0D:D6:02:90:37:F0:96
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\062\074\021\216\033\367\270\266\122\124\342\342\020\015\326\002
\220\067\360\226
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\002\046\303\001\136\010\060\067\103\251\320\175\317\067\346\277
```

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165  
\163\164\040\111\156\143\056\061\061\060\057\006\003\125\004\003  
\023\050\107\145\157\124\162\165\163\164\040\120\162\151\155\141  
\162\171\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\030\254\265\152\375\151\266\025\072\143\154\257\332\372  
\304\241

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "thawte Primary Root CA"

#

# Issuer: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification  
Services Division,O="thawte, Inc.",C=US

# Serial Number:34:4e:d5:57:20:d5:ed:ec:49:f4:2f:ce:37:db:2b:6d

# Subject: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification  
Services Division,O="thawte, Inc.",C=US

# Not Valid Before: Fri Nov 17 00:00:00 2006

# Not Valid After : Wed Jul 16 23:59:59 2036

# Fingerprint (MD5): 8C:CA:DC:0B:22:CE:F5:BE:72:AC:41:1A:11:A8:D8:12

# Fingerprint (SHA1): 91:C6:D6:EE:3E:8A:C8:63:84:E5:48:C2:99:29:5C:75:6C:81:7B:81

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "thawte Primary Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\251\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164  
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013  
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157  
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040  
\062\060\060\066\040\164\150\141\167\164\145\054\040\111\156\143  
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172  
\145\144\040\165\163\145\040\157\156\154\171\061\037\060\035\006  
\003\125\004\003\023\026\164\150\141\167\164\145\040\120\162\151  
\155\141\162\171\040\122\157\157\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\251\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164  
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013  
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157  
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040  
\062\060\060\066\040\164\150\141\167\164\145\054\040\111\156\143  
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172  
\145\144\040\165\163\145\040\157\156\154\171\061\037\060\035\006  
\003\125\004\003\023\026\164\150\141\167\164\145\040\120\162\151  
\155\141\162\171\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\064\116\325\127\040\325\355\354\111\364\057\316\067\333  
\053\155

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\040\060\202\003\010\240\003\002\001\002\002\020\064  
\116\325\127\040\325\355\354\111\364\057\316\067\333\053\155\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\251\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025  
\060\023\006\003\125\004\012\023\014\164\150\141\167\164\145\054  
\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023\037  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\040\104\151\166\151\163\151\157\156\061  
\070\060\066\006\003\125\004\013\023\057\050\143\051\040\062\060  
\060\066\040\164\150\141\167\164\145\054\040\111\156\143\056\040  
\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144  
\040\165\163\145\040\157\156\154\171\061\037\060\035\006\003\125  
\004\003\023\026\164\150\141\167\164\145\040\120\162\151\155\141  
\162\171\040\122\157\157\164\040\103\101\060\036\027\015\060\066  
\061\061\061\067\060\060\060\060\060\060\132\027\015\063\066\060  
\067\061\066\062\063\065\071\065\071\132\060\201\251\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003  
\125\004\012\023\014\164\150\141\167\164\145\054\040\111\156\143  
\056\061\050\060\046\006\003\125\004\013\023\037\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143  
\145\163\040\104\151\166\151\163\151\157\156\061\070\060\066\006  
\003\125\004\013\023\057\050\143\051\040\062\060\060\066\040\164  
\150\141\167\164\145\054\040\111\156\143\056\040\055\040\106\157  
\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145  
\040\157\156\154\171\061\037\060\035\006\003\125\004\003\023\026  
\164\150\141\167\164\145\040\120\162\151\155\141\162\171\040\122  
\157\157\164\040\103\101\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202

\001\012\002\202\001\001\000\254\240\360\373\200\131\324\234\307  
\244\317\235\241\131\163\011\020\105\014\015\054\156\150\361\154  
\133\110\150\111\131\067\374\013\063\031\302\167\177\314\020\055  
\225\064\034\346\353\115\011\247\034\322\270\311\227\066\002\267  
\211\324\044\137\006\300\314\104\224\224\215\002\142\157\353\132  
\335\021\215\050\232\134\204\220\020\172\015\275\164\146\057\152  
\070\240\342\325\124\104\353\035\007\237\007\272\157\356\351\375  
\116\013\051\365\076\204\240\001\361\234\253\370\034\176\211\244  
\350\241\330\161\145\015\243\121\173\356\274\322\042\140\015\271  
\133\235\337\272\374\121\133\013\257\230\262\351\056\351\004\350  
\142\207\336\053\310\327\116\301\114\144\036\335\317\207\130\272  
\112\117\312\150\007\035\034\235\112\306\325\057\221\314\174\161  
\162\034\305\300\147\353\062\375\311\222\134\224\332\205\300\233  
\277\123\175\053\011\364\214\235\221\037\227\152\122\313\336\011  
\066\244\167\330\173\207\120\104\325\076\156\051\151\373\071\111  
\046\036\011\245\200\173\100\055\353\350\047\205\311\376\141\375  
\176\346\174\227\035\325\235\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\173\133\105\317  
\257\316\313\172\375\061\222\032\152\266\363\106\353\127\110\120  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\171\021\300\113\263\221\266\374\360\351\147\324  
\015\156\105\276\125\350\223\322\316\003\077\355\332\045\260\035  
\127\313\036\072\166\240\114\354\120\166\350\144\162\014\244\251  
\361\270\213\326\326\207\204\273\062\345\101\021\300\167\331\263  
\140\235\353\033\325\321\156\104\104\251\246\001\354\125\142\035  
\167\270\134\216\110\111\174\234\073\127\021\254\255\163\067\216  
\057\170\134\220\150\107\331\140\140\346\374\007\075\042\040\027  
\304\367\026\351\304\330\162\371\310\163\174\337\026\057\025\251  
\076\375\152\047\266\241\353\132\272\230\037\325\343\115\144\012  
\235\023\310\141\272\365\071\034\207\272\270\275\173\042\177\366  
\376\254\100\171\345\254\020\157\075\217\033\171\166\213\304\067  
\263\041\030\204\345\066\000\353\143\040\231\271\351\376\063\004  
\273\101\310\301\002\371\104\143\040\236\201\316\102\323\326\077  
\054\166\323\143\234\131\335\217\246\341\016\240\056\101\367\056  
\225\107\317\274\375\063\363\366\013\141\176\176\221\053\201\107  
\302\047\060\356\247\020\135\067\217\134\071\053\344\004\360\173  
\215\126\214\150

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "thawte Primary Root CA"

# Issuer: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification  
Services Division,O="thawte, Inc.",C=US

# Serial Number:34:4e:d5:57:20:d5:ed:ec:49:f4:2f:ce:37:db:2b:6d



```

# Subject: CN=thawte Primary Root CA,OU="(c) 2006 thawte, Inc. - For authorized use only",OU=Certification
Services Division,O="thawte, Inc.",C=US
# Not Valid Before: Fri Nov 17 00:00:00 2006
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): 8C:CA:DC:0B:22:CE:F5:BE:72:AC:41:1A:11:A8:D8:12
# Fingerprint (SHA1): 91:C6:D6:EE:3E:8A:C8:63:84:E5:48:C2:99:29:5C:75:6C:81:7B:81
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "thawte Primary Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\221\306\326\356\076\212\310\143\204\345\110\302\231\051\134\165
\154\201\173\201
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\214\312\334\013\042\316\365\276\162\254\101\032\021\250\330\022
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\251\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040
\062\060\060\066\040\164\150\141\167\164\145\054\040\111\156\143
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172
\145\144\040\165\163\145\040\157\156\154\171\061\037\060\035\006
\003\125\004\003\023\026\164\150\141\167\164\145\040\120\162\151
\155\141\162\171\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\064\116\325\127\040\325\355\354\111\364\057\316\067\333
\053\155
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "VeriSign Class 3 Public Primary Certification Authority - G5"
#
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number: 18:da:d1:9e:26:7d:e8:bb:4a:21:58:cd:cc:6b:3b:4a
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

```

```
# Not Valid Before: Wed Nov 08 00:00:00 2006
# Not Valid After : Wed Jul 16 23:59:59 2036
# Fingerprint (MD5): CB:17:E4:31:67:3E:E2:09:FE:45:57:93:F3:0A:FA:1C
# Fingerprint (SHA1): 4E:B6:D5:78:49:9B:1C:CF:5F:58:1E:AD:56:BE:3D:9B:67:44:A5:E5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\066\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\066\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\030\332\321\236\046\175\350\273\112\041\130\315\314\153
\073\112
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\323\060\202\003\273\240\003\002\001\002\002\020\030
\332\321\236\046\175\350\273\112\041\130\315\314\153\073\112\060
```

\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\312\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027  
\060\025\006\003\125\004\012\023\016\126\145\162\151\123\151\147  
\156\054\040\111\156\143\056\061\037\060\035\006\003\125\004\013  
\023\026\126\145\162\151\123\151\147\156\040\124\162\165\163\164  
\040\116\145\164\167\157\162\153\061\072\060\070\006\003\125\004  
\013\023\061\050\143\051\040\062\060\060\066\040\126\145\162\151  
\123\151\147\156\054\040\111\156\143\056\040\055\040\106\157\162  
\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040  
\157\156\154\171\061\105\060\103\006\003\125\004\003\023\074\126  
\145\162\151\123\151\147\156\040\103\154\141\163\163\040\063\040  
\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\065\060\036\027\015\060  
\066\061\061\060\070\060\060\060\060\060\132\027\015\063\066  
\060\067\061\066\062\063\065\071\065\071\132\060\201\312\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006  
\003\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040  
\111\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126  
\145\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061  
\050\143\051\040\062\060\060\066\040\126\145\162\151\123\151\147  
\156\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165  
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154  
\171\061\105\060\103\006\003\125\004\003\023\074\126\145\162\151  
\123\151\147\156\040\103\154\141\163\163\040\063\040\120\165\142  
\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\040\055\040\107\065\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\257\044\010\010\051\172\065  
\236\140\014\252\347\113\073\116\334\174\274\074\105\034\273\053  
\340\376\051\002\371\127\010\243\144\205\025\047\365\361\255\310  
\061\211\135\042\350\052\252\246\102\263\217\370\271\125\267\261  
\267\113\263\376\217\176\007\127\354\357\103\333\146\142\025\141  
\317\140\015\244\330\336\370\340\303\142\010\075\124\023\353\111  
\312\131\124\205\046\345\053\217\033\237\353\365\241\221\302\063  
\111\330\103\143\152\122\113\322\217\350\160\121\115\321\211\151  
\173\307\160\366\263\334\022\164\333\173\135\113\126\323\226\277  
\025\167\241\260\364\242\045\362\257\034\222\147\030\345\364\006  
\004\357\220\271\344\000\344\335\072\265\031\377\002\272\364\074  
\356\340\213\353\067\213\354\364\327\254\362\366\360\075\257\335  
\165\221\063\031\035\034\100\313\164\044\031\041\223\331\024\376  
\254\052\122\307\217\325\004\111\344\215\143\107\210\074\151\203  
\313\376\107\275\053\176\117\305\225\256\016\235\324\321\103\300  
\147\163\343\024\010\176\345\077\237\163\270\063\012\317\135\077  
\064\207\226\212\356\123\350\045\025\002\003\001\000\001\243\201  
\262\060\201\257\060\017\006\003\125\035\023\001\001\377\004\005

\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\155\006\010\053\006\001\005\005\007\001  
\014\004\141\060\137\241\135\240\133\060\131\060\127\060\125\026  
\011\151\155\141\147\145\057\147\151\146\060\041\060\037\060\007  
\006\005\053\016\003\002\032\004\024\217\345\323\032\206\254\215  
\216\153\303\317\200\152\324\110\030\054\173\031\056\060\045\026  
\043\150\164\164\160\072\057\057\154\157\147\157\056\166\145\162  
\151\163\151\147\156\056\143\157\155\057\166\163\154\157\147\157  
\056\147\151\146\060\035\006\003\125\035\016\004\026\004\024\177  
\323\145\247\302\335\354\273\360\060\011\363\103\071\372\002\257  
\063\061\063\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\003\202\001\001\000\223\044\112\060\137\142\317\330\032  
\230\057\075\352\334\231\055\275\167\366\245\171\042\070\354\304  
\247\240\170\022\255\142\016\105\160\144\305\347\227\146\055\230  
\011\176\137\257\326\314\050\145\362\001\252\010\032\107\336\371  
\371\174\222\132\010\151\040\015\331\076\155\156\074\015\156\330  
\346\006\221\100\030\271\370\301\355\337\333\101\252\340\226\040  
\311\315\144\025\070\201\311\224\356\242\204\051\013\023\157\216  
\333\014\335\045\002\333\244\213\031\104\322\101\172\005\151\112  
\130\117\140\312\176\202\152\013\002\252\045\027\071\265\333\177  
\347\204\145\052\225\212\275\206\336\136\201\026\203\055\020\314  
\336\375\250\202\052\155\050\037\015\013\304\345\347\032\046\031  
\341\364\021\157\020\265\225\374\347\102\005\062\333\316\235\121  
\136\050\266\236\205\323\133\357\245\175\105\100\162\216\267\016  
\153\016\006\373\063\065\110\161\270\235\047\213\304\145\137\015  
\206\166\234\104\172\366\225\134\366\135\062\010\063\244\124\266  
\030\077\150\134\362\102\112\205\070\124\203\137\321\350\054\362  
\254\021\326\250\355\143\152

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "VeriSign Class 3 Public Primary Certification Authority - G5"  
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US  
# Serial Number:18:da:d1:9e:26:7d:e8:bb:4a:21:58:cd:cc:6b:3b:4a  
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G5,OU="(c) 2006 VeriSign, Inc. - For  
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US  
# Not Valid Before: Wed Nov 08 00:00:00 2006  
# Not Valid After : Wed Jul 16 23:59:59 2036  
# Fingerprint (MD5): CB:17:E4:31:67:3E:E2:09:FE:45:57:93:F3:0A:FA:1C  
# Fingerprint (SHA1): 4E:B6:D5:78:49:9B:1C:CF:5F:58:1E:AD:56:BE:3D:9B:67:44:A5:E5  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G5"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\116\266\325\170\111\233\034\317\137\130\036\255\126\276\075\233  
\147\104\245\345

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\313\027\344\061\147\076\342\011\376\105\127\223\363\012\372\034

END

CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123  
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125  
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165  
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003  
\125\004\013\023\061\050\143\051\040\062\060\060\066\040\126\145  
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106  
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163  
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023  
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040  
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171  
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101  
\165\164\150\157\162\151\164\171\040\055\040\107\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\030\332\321\236\046\175\350\273\112\041\130\315\314\153  
\073\112

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SecureTrust CA"

#

# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US

# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0

# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US

# Not Valid Before: Tue Nov 07 19:31:18 2006

# Not Valid After : Mon Dec 31 19:40:55 2029

# Fingerprint (MD5): DC:32:C3:A7:6D:25:57:C7:68:09:9D:EA:2D:A9:A2:D1

# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SecureTrust CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145  
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157  
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165  
\162\145\124\162\165\163\164\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145  
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157  
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165  
\162\145\124\162\165\163\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030  
\131\320

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\270\060\202\002\240\240\003\002\001\002\002\020\014  
\360\216\134\010\026\245\255\102\177\360\353\047\030\131\320\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\110  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060  
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162  
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\027\060\025\006\003\125\004\003\023\016\123\145\143\165\162\145  
\124\162\165\163\164\040\103\101\060\036\027\015\060\066\061\061  
\060\067\061\071\063\061\061\070\132\027\015\062\071\061\062\063  
\061\061\071\064\060\065\065\132\060\110\061\013\060\011\006\003  
\125\004\006\023\002\125\123\061\040\060\036\006\003\125\004\012  
\023\027\123\145\143\165\162\145\124\162\165\163\164\040\103\157  
\162\160\157\162\141\164\151\157\156\061\027\060\025\006\003\125  
\004\003\023\016\123\145\143\165\162\145\124\162\165\163\164\040  
\103\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\253\244\201\345\225\315\365\366\024\216\302\117\312  
\324\342\170\225\130\234\101\341\015\231\100\044\027\071\221\063  
\146\351\276\341\203\257\142\134\211\321\374\044\133\141\263\340  
\021\021\101\034\035\156\360\270\273\370\336\247\201\272\246\110  
\306\237\035\275\276\216\251\101\076\270\224\355\051\032\324\216  
\322\003\035\003\357\155\015\147\034\127\327\006\255\312\310\365  
\376\016\257\146\045\110\004\226\013\135\243\272\026\303\010\117  
\321\106\370\024\134\362\310\136\001\231\155\375\210\314\206\250  
\301\157\061\102\154\122\076\150\313\363\031\064\337\273\207\030  
\126\200\046\304\320\334\300\157\337\336\240\302\221\026\240\144  
\021\113\104\274\036\366\347\372\143\336\146\254\166\244\161\243  
\354\066\224\150\172\167\244\261\347\016\057\201\172\342\265\162  
\206\357\242\153\213\360\017\333\323\131\077\272\162\274\104\044

\234\343\163\263\367\257\127\057\102\046\235\251\164\272\000\122  
\362\113\315\123\174\107\013\066\205\016\146\251\010\227\026\064  
\127\301\146\367\200\343\355\160\124\307\223\340\056\050\025\131  
\207\272\273\002\003\001\000\001\243\201\235\060\201\232\060\023  
\006\011\053\006\001\004\001\202\067\024\002\004\006\036\004\000  
\103\000\101\060\013\006\003\125\035\017\004\004\003\002\001\206  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\102\062\266\026  
\372\004\375\376\135\113\172\303\375\367\114\100\035\132\103\257  
\060\064\006\003\125\035\037\004\055\060\053\060\051\240\047\240  
\045\206\043\150\164\164\160\072\057\057\143\162\154\056\163\145  
\143\165\162\145\164\162\165\163\164\056\143\157\155\057\123\124  
\103\101\056\143\162\154\060\020\006\011\053\006\001\004\001\202  
\067\025\001\004\003\002\001\000\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\060\355\117\112  
\341\130\072\122\162\133\265\246\243\145\030\246\273\121\073\167  
\351\235\352\323\237\134\340\105\145\173\015\312\133\342\160\120  
\262\224\005\024\256\111\307\215\101\007\022\163\224\176\014\043  
\041\375\274\020\177\140\020\132\162\365\230\016\254\354\271\177  
\335\172\157\135\323\034\364\377\210\005\151\102\251\005\161\310  
\267\254\046\350\056\264\214\152\377\161\334\270\261\337\231\274  
\174\041\124\053\344\130\242\273\127\051\256\236\251\243\031\046  
\017\231\056\010\260\357\375\151\317\231\032\011\215\343\247\237  
\053\311\066\064\173\044\263\170\114\225\027\244\006\046\036\266  
\144\122\066\137\140\147\331\234\305\005\164\013\347\147\043\322  
\010\374\210\351\256\213\177\341\060\364\067\176\375\306\062\332  
\055\236\104\060\060\154\356\007\336\322\064\374\322\377\100\366  
\113\364\146\106\006\124\246\362\062\012\143\046\060\153\233\321  
\334\213\107\272\341\271\325\142\320\242\240\364\147\005\170\051  
\143\032\157\004\326\370\306\114\243\232\261\067\264\215\345\050  
\113\035\236\054\302\270\150\274\355\002\356\061

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "SecureTrust CA"

# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US

# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0

# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US

# Not Valid Before: Tue Nov 07 19:31:18 2006

# Not Valid After : Mon Dec 31 19:40:55 2029

# Fingerprint (MD5): DC:32:C3:A7:6D:25:57:C7:68:09:9D:EA:2D:A9:A2:D1

# Fingerprint (SHA1): 87:82:C6:C3:04:35:3B:CF:D2:96:92:D2:59:3E:7D:44:D9:34:FF:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "SecureTrust CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\207\202\306\303\004\065\073\317\322\226\222\322\131\076\175\104
\331\064\377\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\062\303\247\155\045\127\307\150\011\235\352\055\251\242\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Secure Global CA"
#
# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Serial Number:07:56:22:a4:e8:d4:8a:89:4d:f4:13:c8:f0:f8:ea:a5
# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:42:28 2006
# Not Valid After : Mon Dec 31 19:52:06 2029
# Fingerprint (MD5): CF:F4:27:0D:D4:ED:DC:65:16:49:6D:3D:DA:BF:6E:DE
# Fingerprint (SHA1): 3A:44:73:5A:E5:81:90:1F:24:86:61:46:1E:3B:9C:C4:5F:F5:3A:1B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Secure Global CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_ID UTF8 "0"

```



CKA\_ISSUER MULTILINE\_OCTAL

\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145  
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157  
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165  
\162\145\040\107\154\157\142\141\154\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370  
\352\245

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\274\060\202\002\244\240\003\002\001\002\002\020\007  
\126\042\244\350\324\212\211\115\364\023\310\360\370\352\245\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\112  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\040\060  
\036\006\003\125\004\012\023\027\123\145\143\165\162\145\124\162  
\165\163\164\040\103\157\162\160\157\162\141\164\151\157\156\061  
\031\060\027\006\003\125\004\003\023\020\123\145\143\165\162\145  
\040\107\154\157\142\141\154\040\103\101\060\036\027\015\060\066  
\061\061\060\067\061\071\064\062\062\070\132\027\015\062\071\061  
\062\063\061\061\071\065\062\060\066\132\060\112\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\040\060\036\006\003\125  
\004\012\023\027\123\145\143\165\162\145\124\162\165\163\164\040  
\103\157\162\160\157\162\141\164\151\157\156\061\031\060\027\006  
\003\125\004\003\023\020\123\145\143\165\162\145\040\107\154\157  
\142\141\154\040\103\101\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\257\065\056\330\254\154\125\151\006  
\161\345\023\150\044\263\117\330\314\041\107\370\361\140\070\211  
\211\003\351\275\352\136\106\123\011\334\134\365\132\350\367\105  
\052\002\353\061\141\327\051\063\114\316\307\174\012\067\176\017  
\272\062\230\341\035\227\257\217\307\334\311\070\226\363\333\032  
\374\121\355\150\306\320\156\244\174\044\321\256\102\310\226\120  
\143\056\340\376\165\376\230\247\137\111\056\225\343\071\063\144  
\216\036\244\137\220\322\147\074\262\331\376\101\271\125\247\011  
\216\162\005\036\213\335\104\205\202\102\320\111\300\035\140\360  
\321\027\054\225\353\366\245\301\222\243\305\302\247\010\140\015  
\140\004\020\226\171\236\026\064\346\251\266\372\045\105\071\310  
\036\145\371\223\365\252\361\122\334\231\230\075\245\206\032\014  
\065\063\372\113\245\004\006\025\034\061\200\357\252\030\153\302  
\173\327\332\316\371\063\040\325\365\275\152\063\055\201\004\373  
\260\134\324\234\243\342\134\035\343\251\102\165\136\173\324\167  
\357\071\124\272\311\012\030\033\022\231\111\057\210\113\375\120  
\142\321\163\347\217\172\103\002\003\001\000\001\243\201\235\060  
\201\232\060\023\006\011\053\006\001\004\001\202\067\024\002\004  
\006\036\004\000\103\000\101\060\013\006\003\125\035\017\004\004  
\003\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005

```
\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024
\257\104\004\302\101\176\110\203\333\116\071\002\354\354\204\172
\346\316\311\244\060\064\006\003\125\035\037\004\055\060\053\060
\051\240\047\240\045\206\043\150\164\164\160\072\057\057\143\162
\154\056\163\145\143\165\162\145\164\162\165\163\164\056\143\157
\155\057\123\107\103\101\056\143\162\154\060\020\006\011\053\006
\001\004\001\202\067\025\001\004\003\002\001\000\060\015\006\011
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000
\143\032\010\100\175\244\136\123\015\167\330\172\256\037\015\013
\121\026\003\357\030\174\310\343\257\152\130\223\024\140\221\262
\204\334\210\116\276\071\212\072\363\346\202\211\135\001\067\263
\253\044\244\025\016\222\065\132\112\104\136\116\127\372\165\316
\037\110\316\146\364\074\100\046\222\230\154\033\356\044\106\014
\027\263\122\245\333\245\221\221\317\067\323\157\347\047\010\072
\116\031\037\072\247\130\134\027\317\171\077\213\344\247\323\046
\043\235\046\017\130\151\374\107\176\262\320\215\213\223\277\051
\117\103\151\164\166\147\113\317\007\214\346\002\367\265\341\264
\103\265\113\055\024\237\371\334\046\015\277\246\107\164\006\330
\210\321\072\051\060\204\316\322\071\200\142\033\250\307\127\111
\274\152\125\121\147\025\112\276\065\007\344\325\165\230\067\171
\060\024\333\051\235\154\305\151\314\107\125\242\060\367\314\134
\177\302\303\230\034\153\116\026\200\353\172\170\145\105\242\000
\032\257\014\015\125\144\064\110\270\222\271\361\264\120\051\362
\117\043\037\332\154\254\037\104\341\335\043\170\121\133\307\026
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Secure Global CA"
```

```
# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
```

```
# Serial Number:07:56:22:a4:e8:d4:8a:89:4d:f4:13:c8:f0:f8:ea:a5
```

```
# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US
```

```
# Not Valid Before: Tue Nov 07 19:42:28 2006
```

```
# Not Valid After : Mon Dec 31 19:52:06 2029
```

```
# Fingerprint (MD5): CF:F4:27:0D:D4:ED:DC:65:16:49:6D:3D:DA:BF:6E:DE
```

```
# Fingerprint (SHA1): 3A:44:73:5A:E5:81:90:1F:24:86:61:46:1E:3B:9C:C4:5F:F5:3A:1B
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Secure Global CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\072\104\163\132\345\201\220\037\044\206\141\106\036\073\234\304
\137\365\072\033
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\317\364\047\015\324\355\334\145\026\111\155\075\332\277\156\336
```

```

END
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO Certification Authority"
#
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): 5C:48:DC:F7:42:72:EC:56:94:6D:1C:CC:71:35:80:75
# Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

```

\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102  
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164  
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060  
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061  
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117  
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006  
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106  
\345\075

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\035\060\202\003\005\240\003\002\001\002\002\020\116  
\201\055\212\202\145\340\013\002\356\076\065\002\106\345\075\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\201\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033  
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162  
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006  
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060  
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103  
\101\040\114\151\155\151\164\145\144\061\047\060\045\006\003\125  
\004\003\023\036\103\117\115\117\104\117\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060  
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065  
\071\132\060\201\201\061\013\060\011\006\003\125\004\006\023\002  
\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162\145  
\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162\061  
\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157\162  
\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115\117  
\104\117\040\103\101\040\114\151\155\151\164\145\144\061\047\060  
\045\006\003\125\004\003\023\036\103\117\115\117\104\117\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\320\100\213\213\162\343\221\033\367  
\121\301\033\124\004\230\323\251\277\301\346\212\135\073\207\373  
\273\210\316\015\343\057\077\006\226\360\242\051\120\231\256\333  
\073\241\127\260\164\121\161\315\355\102\221\115\101\376\251\310  
\330\152\206\167\104\273\131\146\227\120\136\264\324\054\160\104  
\317\332\067\225\102\151\074\060\304\161\263\122\360\041\115\241  
\330\272\071\174\034\236\243\044\235\362\203\026\230\252\026\174  
\103\233\025\133\267\256\064\221\376\324\142\046\030\106\232\077  
\353\301\371\361\220\127\353\254\172\015\213\333\162\060\152\146  
\325\340\106\243\160\334\150\331\377\004\110\211\167\336\265\351

```
\373\147\155\101\351\274\071\275\062\331\142\002\361\261\250\075
\156\067\234\342\057\342\323\242\046\213\306\270\125\103\210\341
\043\076\245\322\044\071\152\107\253\000\324\241\263\251\045\376
\015\077\247\035\272\323\121\301\013\244\332\254\070\357\125\120
\044\005\145\106\223\064\117\055\215\255\306\324\041\031\322\216
\312\005\141\161\007\163\107\345\212\031\022\275\004\115\316\116
\234\245\110\254\273\046\367\002\003\001\000\001\243\201\216\060
\201\213\060\035\006\003\125\035\016\004\026\004\024\013\130\345
\213\306\114\025\067\244\100\251\060\251\041\276\107\066\132\126
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001
\001\377\060\111\006\003\125\035\037\004\102\060\100\060\076\240
\074\240\072\206\070\150\164\164\160\072\057\057\143\162\154\056
\143\157\155\157\144\157\143\141\056\143\157\155\057\103\117\115
\117\104\117\103\145\162\164\151\146\151\143\141\164\151\157\156
\101\165\164\150\157\162\151\164\171\056\143\162\154\060\015\006
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001
\000\076\230\236\233\366\033\351\327\071\267\170\256\035\162\030
\111\323\207\344\103\202\353\077\311\252\365\250\265\357\125\174
\041\122\145\371\325\015\341\154\364\076\214\223\163\221\056\002
\304\116\007\161\157\300\217\070\141\010\250\036\201\012\300\057
\040\057\101\213\221\334\110\105\274\361\306\336\272\166\153\063
\310\000\055\061\106\114\355\347\235\317\210\224\377\063\300\126
\350\044\206\046\270\330\070\070\337\052\153\335\022\314\307\077
\107\027\114\242\302\006\226\011\326\333\376\077\074\106\101\337
\130\342\126\017\074\073\301\034\223\065\331\070\122\254\356\310
\354\056\060\116\224\065\264\044\037\113\170\151\332\362\002\070
\314\225\122\223\360\160\045\131\234\040\147\304\356\371\213\127
\141\364\222\166\175\077\204\215\125\267\350\345\254\325\361\365
\031\126\246\132\373\220\034\257\223\353\345\034\324\147\227\135
\004\016\276\013\203\246\027\203\271\060\022\240\305\063\025\005
\271\015\373\307\005\166\343\330\112\215\374\064\027\243\306\041
\050\276\060\105\061\036\307\170\276\130\141\070\254\073\342\001
\145
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "COMODO Certification Authority"
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): 5C:48:DC:F7:42:72:EC:56:94:6D:1C:CC:71:35:80:75
```

```

# Fingerprint (SHA1): 66:31:BF:9E:F7:4F:9E:B6:C9:D5:A6:0C:BA:6A:BE:D1:F7:BD:EF:7B
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\146\061\277\236\367\117\236\266\311\325\246\014\272\152\276\321
\367\275\357\173
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\134\110\334\367\102\162\354\126\224\155\034\314\161\065\200\165
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\047\060\045\006
\003\125\004\003\023\036\103\117\115\117\104\117\040\103\145\162
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106
\345\075
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Network Solutions Certificate Authority"
#
# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): D3:F3:A6:16:C0:FA:6B:1D:59:B1:2D:96:4D:0E:11:2E
# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162  
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056  
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164  
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162  
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056  
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164  
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061  
\150\340

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\346\060\202\002\316\240\003\002\001\002\002\020\127  
\313\063\157\302\134\026\346\107\026\027\343\220\061\150\340\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\142  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041\060  
\037\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040  
\123\157\154\165\164\151\157\156\163\040\114\056\114\056\103\056  
\061\060\060\056\006\003\125\004\003\023\047\116\145\164\167\157  
\162\153\040\123\157\154\165\164\151\157\156\163\040\103\145\162  
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151  
\164\171\060\036\027\015\060\066\061\062\060\061\060\060\060\060  
\060\060\132\027\015\062\071\061\062\063\061\062\063\065\071\065  
\071\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\041\060\037\006\003\125\004\012\023\030\116\145\164\167  
\157\162\153\040\123\157\154\165\164\151\157\156\163\040\114\056  
\114\056\103\056\061\060\060\056\006\003\125\004\003\023\047\116  
\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\060\202\001\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202  
\001\012\002\202\001\001\000\344\274\176\222\060\155\306\330\216  
\053\013\274\106\316\340\047\226\336\336\371\372\022\323\074\063  
\163\263\004\057\274\161\214\345\237\266\042\140\076\137\135\316  
\011\377\202\014\033\232\121\120\032\046\211\335\325\141\135\031

\334\022\017\055\012\242\103\135\027\320\064\222\040\352\163\317  
\070\054\006\046\011\172\162\367\372\120\062\370\302\223\323\151  
\242\043\316\101\261\314\344\325\037\066\321\212\072\370\214\143  
\342\024\131\151\355\015\323\177\153\350\270\003\345\117\152\345  
\230\143\151\110\005\276\056\377\063\266\351\227\131\151\370\147  
\031\256\223\141\226\104\025\323\162\260\077\274\152\175\354\110  
\177\215\303\253\252\161\053\123\151\101\123\064\265\260\271\305  
\006\012\304\260\105\365\101\135\156\211\105\173\075\073\046\214  
\164\302\345\322\321\175\262\021\324\373\130\062\042\232\200\311  
\334\375\014\351\177\136\003\227\316\073\000\024\207\047\160\070  
\251\216\156\263\047\166\230\121\340\005\343\041\253\032\325\205  
\042\074\051\265\232\026\305\200\250\364\273\153\060\217\057\106  
\002\242\261\014\042\340\323\002\003\001\000\001\243\201\227\060  
\201\224\060\035\006\003\125\035\016\004\026\004\024\041\060\311  
\373\000\327\116\230\332\207\252\052\320\247\056\261\100\061\247  
\114\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\122\006\003\125\035\037\004\113\060\111\060\107\240  
\105\240\103\206\101\150\164\164\160\072\057\057\143\162\154\056  
\156\145\164\163\157\154\163\163\154\056\143\157\155\057\116\145  
\164\167\157\162\153\123\157\154\165\164\151\157\156\163\103\145  
\162\164\151\146\151\143\141\164\145\101\165\164\150\157\162\151  
\164\171\056\143\162\154\060\015\006\011\052\206\110\206\367\015  
\001\001\005\005\000\003\202\001\001\000\273\256\113\347\267\127  
\353\177\252\055\267\163\107\205\152\301\344\245\035\344\347\074  
\351\364\131\145\167\265\172\133\132\215\045\066\340\172\227\056  
\070\300\127\140\203\230\006\203\237\271\166\172\156\120\340\272  
\210\054\374\105\314\030\260\231\225\121\016\354\035\270\210\377  
\207\120\034\202\302\343\340\062\200\277\240\013\107\310\303\061  
\357\231\147\062\200\117\027\041\171\014\151\134\336\136\064\256  
\002\265\046\352\120\337\177\030\145\054\311\362\143\341\251\007  
\376\174\161\037\153\063\044\152\036\005\367\005\150\300\152\022  
\313\056\136\141\313\256\050\323\176\302\264\146\221\046\137\074  
\056\044\137\313\130\017\353\050\354\257\021\226\363\334\173\157  
\300\247\210\362\123\167\263\140\136\256\256\050\332\065\054\157  
\064\105\323\046\341\336\354\133\117\047\153\026\174\275\104\004  
\030\202\263\211\171\027\020\161\075\172\242\026\116\365\001\315  
\244\154\145\150\241\111\166\134\103\311\330\274\066\147\154\245  
\224\265\324\314\271\275\152\065\126\041\336\330\303\353\373\313  
\244\140\114\260\125\240\240\173\127\262

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Network Solutions Certificate Authority"

# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US

# Serial Number:57:cb:33:6f:c2:5c:16:e6:47:16:17:e3:90:31:68:e0



```
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
# Fingerprint (MD5): D3:F3:A6:16:C0:FA:6B:1D:59:B1:2D:96:4D:0E:11:2E
# Fingerprint (SHA1): 74:F8:A3:C3:EF:E7:B3:90:06:4B:83:90:3C:21:64:60:20:E5:DF:CE
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\370\243\303\357\347\263\220\006\113\203\220\074\041\144\140
\040\345\337\316
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\323\363\246\026\300\372\153\035\131\261\055\226\115\016\021\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "COMODO ECC Certification Authority"
#
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Not Valid Before: Thu Mar 06 00:00:00 2008
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 7C:62:FF:74:9D:31:53:5E:68:4A:D5:78:AA:1E:BF:23
# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\211\060\202\002\017\240\003\002\001\002\002\020\037
\107\257\252\142\000\160\120\124\114\001\236\233\143\231\052\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\205\061\013
\060\011\006\003\125\004\006\023\002\107\102\061\033\060\031\006
\003\125\004\010\023\022\107\162\145\141\164\145\162\040\115\141
\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004
\007\023\007\123\141\154\146\157\162\144\061\032\060\030\006\003
\125\004\012\023\021\103\117\115\117\104\117\040\103\101\040\114
\151\155\151\164\145\144\061\053\060\051\006\003\125\004\003\023
\042\103\117\115\117\104\117\040\105\103\103\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\060\036\027\015\060\070\060\063\060\066\060\060\060
\060\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071
\065\071\132\060\201\205\061\013\060\011\006\003\125\004\006\023
\002\107\102\061\033\060\031\006\003\125\004\010\023\022\107\162
```

\145\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162  
\061\020\060\016\006\003\125\004\007\023\007\123\141\154\146\157  
\162\144\061\032\060\030\006\003\125\004\012\023\021\103\117\115  
\117\104\117\040\103\101\040\114\151\155\151\164\145\144\061\053  
\060\051\006\003\125\004\003\023\042\103\117\115\117\104\117\040  
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\166\060\020\006  
\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003  
\142\000\004\003\107\173\057\165\311\202\025\205\373\165\344\221  
\026\324\253\142\231\365\076\122\013\006\316\101\000\177\227\341  
\012\044\074\035\001\004\356\075\322\215\011\227\014\340\165\344  
\372\373\167\212\052\365\003\140\113\066\213\026\043\026\255\011  
\161\364\112\364\050\120\264\376\210\034\156\077\154\057\057\011  
\131\133\245\133\013\063\231\342\303\075\211\371\152\054\357\262  
\323\006\351\243\102\060\100\060\035\006\003\125\035\016\004\026  
\004\024\165\161\247\031\110\031\274\235\235\352\101\107\337\224  
\304\110\167\231\323\171\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\012\006\010\052\206\110\316\075  
\004\003\003\003\150\000\060\145\002\061\000\357\003\133\172\254  
\267\170\012\162\267\210\337\377\265\106\024\011\012\372\240\346  
\175\010\306\032\207\275\030\250\163\275\046\312\140\014\235\316  
\231\237\317\134\017\060\341\276\024\061\352\002\060\024\364\223  
\074\111\247\063\172\220\106\107\263\143\175\023\233\116\267\157  
\030\067\200\123\376\335\040\340\065\232\066\321\307\001\271\346  
\334\335\363\377\035\054\072\026\127\331\222\071\326

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "COMODO ECC Certification Authority"

# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Serial Number:1f:47:af:aa:62:00:70:50:54:4c:01:9e:9b:63:99:2a

# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Not Valid Before: Thu Mar 06 00:00:00 2008

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (MD5): 7C:62:FF:74:9D:31:53:5E:68:4A:D5:78:AA:1E:BF:23

# Fingerprint (SHA1): 9F:74:4E:9F:2B:4D:BA:EC:0F:31:2C:50:B6:56:3B:8E:2D:93:C3:11

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "COMODO ECC Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\237\164\116\237\053\115\272\354\017\061\054\120\266\126\073\216

```

\055\223\303\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\174\142\377\164\235\061\123\136\150\112\325\170\252\036\277\043
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\103\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GA CA"
#
# Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH
# Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a
# Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH
# Not Valid Before: Sun Dec 11 16:03:44 2005
# Not Valid After : Fri Dec 11 16:09:51 2037
# Fingerprint (MD5): BC:6C:51:33:A7:E9:D3:66:63:54:15:72:1B:21:92:93
# Fingerprint (SHA1): 59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GA CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061

```

\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040  
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162  
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111  
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142  
\141\154\040\122\157\157\164\040\107\101\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110  
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113  
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160  
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061  
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040  
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162  
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111  
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142  
\141\154\040\122\157\157\164\040\107\101\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124  
\337\232

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\361\060\202\002\331\240\003\002\001\002\002\020\101  
\075\162\307\364\153\037\201\103\175\361\322\050\124\337\232\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\212\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020  
\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171  
\061\033\060\031\006\003\125\004\013\023\022\103\157\160\171\162  
\151\147\150\164\040\050\143\051\040\062\060\060\065\061\042\060  
\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157  
\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145  
\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124  
\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154  
\040\122\157\157\164\040\107\101\040\103\101\060\036\027\015\060  
\065\061\062\061\061\061\066\060\063\064\064\132\027\015\063\067  
\061\062\061\061\061\066\060\071\065\061\132\060\201\212\061\013  
\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006  
\003\125\004\012\023\007\127\111\123\145\113\145\171\061\033\060  
\031\006\003\125\004\013\023\022\103\157\160\171\162\151\147\150  
\164\040\050\143\051\040\062\060\060\065\061\042\060\040\006\003  
\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156\144  
\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061\050  
\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040\127  
\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122\157  
\157\164\040\107\101\040\103\101\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\313\117\263\000\233\075\066

\335\371\321\111\152\153\020\111\037\354\330\053\262\306\370\062  
\201\051\103\225\114\232\031\043\041\025\105\336\343\310\034\121  
\125\133\256\223\350\067\377\053\153\351\324\352\276\052\335\250  
\121\053\327\146\303\141\134\140\002\310\365\316\162\173\073\270  
\362\116\145\010\232\315\244\152\031\301\001\273\163\246\327\366  
\303\335\315\274\244\213\265\231\141\270\001\242\243\324\115\324  
\005\075\221\255\370\264\010\161\144\257\160\361\034\153\176\366  
\303\167\235\044\163\173\344\014\214\341\331\066\341\231\213\005  
\231\013\355\105\061\011\312\302\000\333\367\162\240\226\252\225  
\207\320\216\307\266\141\163\015\166\146\214\334\033\264\143\242  
\237\177\223\023\060\361\241\047\333\331\377\054\125\210\221\240  
\340\117\007\260\050\126\214\030\033\227\104\216\211\335\340\027  
\156\347\052\357\217\071\012\061\204\202\330\100\024\111\056\172  
\101\344\247\376\343\144\314\301\131\161\113\054\041\247\133\175  
\340\035\321\056\201\233\303\330\150\367\275\226\033\254\160\261  
\026\024\013\333\140\271\046\001\005\002\003\001\000\001\243\121  
\060\117\060\013\006\003\125\035\017\004\004\003\002\001\206\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\263\003\176\256\066  
\274\260\171\321\334\224\046\266\021\276\041\262\151\206\224\060  
\020\006\011\053\006\001\004\001\202\067\025\001\004\003\002\001  
\000\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\113\241\377\013\207\156\263\371\301\103\261  
\110\363\050\300\035\056\311\011\101\372\224\000\034\244\244\253  
\111\117\217\075\036\357\115\157\275\274\244\366\362\046\060\311  
\020\312\035\210\373\164\031\037\205\105\275\260\154\121\371\066  
\176\333\365\114\062\072\101\117\133\107\317\350\013\055\266\304  
\031\235\164\305\107\306\073\152\017\254\024\333\074\364\163\234  
\251\005\337\000\334\164\170\372\370\065\140\131\002\023\030\174  
\274\373\115\260\040\155\103\273\140\060\172\147\063\134\305\231  
\321\370\055\071\122\163\373\214\252\227\045\134\162\331\010\036  
\253\116\074\343\201\061\237\003\246\373\300\376\051\210\125\332  
\204\325\120\003\266\342\204\243\246\066\252\021\072\001\341\030  
\113\326\104\150\263\075\371\123\164\204\263\106\221\106\226\000  
\267\200\054\266\341\343\020\342\333\242\347\050\217\001\226\142  
\026\076\000\343\034\245\066\201\030\242\114\122\166\300\021\243  
\156\346\035\272\343\132\276\066\123\305\076\165\217\206\151\051  
\130\123\265\234\273\157\237\134\305\030\354\335\057\341\230\311  
\374\276\337\012\015

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "OISTE WISEKey Global Root GA CA"

# Issuer: CN=OISTE WISEKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)  
2005,O=WISEKey,C=CH

# Serial Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a

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# Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
2005,O=WISeKey,C=CH
# Not Valid Before: Sun Dec 11 16:03:44 2005
# Not Valid After : Fri Dec 11 16:09:51 2037
# Fingerprint (MD5): BC:6C:51:33:A7:E9:D3:66:63:54:15:72:1B:21:92:93
# Fingerprint (SHA1): 59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GA CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\042\241\341\132\352\026\065\041\370\230\071\152\106\106\260
\104\033\017\251
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\274\154\121\063\247\351\323\146\143\124\025\162\033\041\222\223
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\212\061\013\060\011\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\040\062\060\060\065\061
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certigna"
#
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
# Fingerprint (MD5): AB:57:A6:5B:7D:42:82:19:B5:D8:58:26:28:5E:FD:FF
# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97

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```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\250\060\202\002\220\240\003\002\001\002\002\011\000
\376\334\343\001\017\311\110\377\060\015\006\011\052\206\110\206
\367\015\001\001\005\005\000\060\064\061\013\060\011\006\003\125
\004\006\023\002\106\122\061\022\060\020\006\003\125\004\012\014
\011\104\150\151\155\171\157\164\151\163\061\021\060\017\006\003
\125\004\003\014\010\103\145\162\164\151\147\156\141\060\036\027
\015\060\067\060\066\062\071\061\065\061\063\060\065\132\027\015
\062\067\060\066\062\071\061\065\061\063\060\065\132\060\064\061
\013\060\011\006\003\125\004\006\023\002\106\122\061\022\060\020
\006\003\125\004\012\014\011\104\150\151\155\171\157\164\151\163
\061\021\060\017\006\003\125\004\003\014\010\103\145\162\164\151
\147\156\141\060\202\001\042\060\015\006\011\052\206\110\206\367
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002
\202\001\001\000\310\150\361\311\326\326\263\064\165\046\202\036
\354\264\276\352\134\341\046\355\021\107\141\341\242\174\026\170
\100\041\344\140\236\132\310\143\341\304\261\226\222\377\030\155
\151\043\341\053\142\367\335\342\066\057\221\007\271\110\317\016
\354\171\266\054\347\064\113\160\010\045\243\074\207\033\031\362
\201\007\017\070\220\031\323\021\376\206\264\362\321\136\036\036
\226\315\200\154\316\073\061\223\266\362\240\320\251\225\022\175
\245\232\314\153\310\204\126\212\063\251\347\042\025\123\026\360
\314\027\354\127\137\351\242\012\230\011\336\343\137\234\157\334
\110\343\205\013\025\132\246\272\237\254\110\343\011\262\367\364
\062\336\136\064\276\034\170\135\102\133\316\016\042\217\115\220
\327\175\062\030\263\013\054\152\277\216\077\024\021\211\040\016
```



\167\024\265\075\224\010\207\367\045\036\325\262\140\000\354\157  
\052\050\045\156\052\076\030\143\027\045\077\076\104\040\026\366  
\046\310\045\256\005\112\264\347\143\054\363\214\026\123\176\134  
\373\021\032\010\301\106\142\237\042\270\361\302\215\151\334\372  
\072\130\006\337\002\003\001\000\001\243\201\274\060\201\271\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\032\355\376\101\071  
\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021\060  
\144\006\003\125\035\043\004\135\060\133\200\024\032\355\376\101  
\071\220\264\044\131\276\001\362\122\325\105\366\132\071\334\021  
\241\070\244\066\060\064\061\013\060\011\006\003\125\004\006\023  
\002\106\122\061\022\060\020\006\003\125\004\012\014\011\104\150  
\151\155\171\157\164\151\163\061\021\060\017\006\003\125\004\003  
\014\010\103\145\162\164\151\147\156\141\202\011\000\376\334\343  
\001\017\311\110\377\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\021\006\011\140\206\110\001\206\370\102  
\001\001\004\004\003\002\000\007\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\205\003\036\222  
\161\366\102\257\341\243\141\236\353\363\300\017\362\245\324\332  
\225\346\326\276\150\066\075\176\156\037\114\212\357\321\017\041  
\155\136\245\122\143\316\022\370\357\052\332\157\353\067\376\023  
\002\307\313\073\076\042\153\332\141\056\177\324\162\075\335\060  
\341\036\114\100\031\214\017\327\234\321\203\060\173\230\131\334  
\175\306\271\014\051\114\241\063\242\353\147\072\145\204\323\226  
\342\355\166\105\160\217\265\053\336\371\043\326\111\156\074\024  
\265\306\237\065\036\120\320\301\217\152\160\104\002\142\313\256  
\035\150\101\247\252\127\350\123\252\007\322\006\366\325\024\006  
\013\221\003\165\054\154\162\265\141\225\232\015\213\271\015\347  
\365\337\124\315\336\346\330\326\011\010\227\143\345\301\056\260  
\267\104\046\300\046\300\257\125\060\236\073\325\066\052\031\004  
\364\134\036\377\317\054\267\377\320\375\207\100\021\325\021\043  
\273\110\300\041\251\244\050\055\375\025\370\260\116\053\364\060  
\133\041\374\021\221\064\276\101\357\173\235\227\165\377\227\225  
\300\226\130\057\352\273\106\327\273\344\331\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Certigna"

# Issuer: CN=Certigna,O=Dhimyotis,C=FR

# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff

# Subject: CN=Certigna,O=Dhimyotis,C=FR

# Not Valid Before: Fri Jun 29 15:13:05 2007

# Not Valid After : Tue Jun 29 15:13:05 2027

# Fingerprint (MD5): AB:57:A6:5B:7D:42:82:19:B5:D8:58:26:28:5E:FD:FF

# Fingerprint (SHA1): B1:2E:13:63:45:86:A4:6F:1A:B2:60:68:37:58:2D:C4:AC:FD:94:97

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\056\023\143\105\206\244\157\032\262\140\150\067\130\055\304
\254\375\224\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\253\127\246\133\175\102\202\031\265\330\130\046\050\136\375\377
END
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103\145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Cybertrust Global Root"
#
# Issuer: CN=Cybertrust Global Root,O="Cybertrust, Inc"
# Serial Number:04:00:00:00:00:01:0f:85:aa:2d:48
# Subject: CN=Cybertrust Global Root,O="Cybertrust, Inc"
# Not Valid Before: Fri Dec 15 08:00:00 2006
# Not Valid After : Wed Dec 15 08:00:00 2021
# Fingerprint (MD5): 72:E4:4A:87:E3:69:40:80:77:EA:BC:E3:F4:FF:F0:E1
# Fingerprint (SHA1): 5F:43:E5:B1:BF:F8:78:8C:AC:1C:C7:CA:4A:9A:C6:22:2B:CC:34:C6
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Cybertrust Global Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163
\164\040\107\154\157\142\141\154\040\122\157\157\164
END
CKA_ID UTF8 "0"

```

CKA\_ISSUER MULTILINE\_OCTAL

\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142  
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035  
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163  
\164\040\107\154\157\142\141\154\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\017\205\252\055\110

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\241\060\202\002\211\240\003\002\001\002\002\013\004  
\000\000\000\000\001\017\205\252\055\110\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\060\073\061\030\060\026\006  
\003\125\004\012\023\017\103\171\142\145\162\164\162\165\163\164  
\054\040\111\156\143\061\037\060\035\006\003\125\004\003\023\026  
\103\171\142\145\162\164\162\165\163\164\040\107\154\157\142\141  
\154\040\122\157\157\164\060\036\027\015\060\066\061\062\061\065  
\060\070\060\060\060\060\132\027\015\062\061\061\062\061\065\060  
\070\060\060\060\060\132\060\073\061\030\060\026\006\003\125\004  
\012\023\017\103\171\142\145\162\164\162\165\163\164\054\040\111  
\156\143\061\037\060\035\006\003\125\004\003\023\026\103\171\142  
\145\162\164\162\165\163\164\040\107\154\157\142\141\154\040\122  
\157\157\164\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\370\310\274\275\024\120\146\023\377\360\323\171  
\354\043\362\267\032\307\216\205\361\022\163\246\031\252\020\333  
\234\242\145\164\132\167\076\121\175\126\366\334\043\266\324\355  
\137\130\261\067\115\325\111\016\156\365\152\207\326\322\214\322  
\047\306\342\377\066\237\230\145\240\023\116\306\052\144\233\325  
\220\022\317\024\006\364\073\343\324\050\276\350\016\370\253\116  
\110\224\155\216\225\061\020\134\355\242\055\275\325\072\155\262  
\034\273\140\300\106\113\001\365\111\256\176\106\212\320\164\215  
\241\014\002\316\356\374\347\217\270\153\146\363\177\104\000\277  
\146\045\024\053\335\020\060\035\007\226\077\115\366\153\270\217  
\267\173\014\245\070\353\336\107\333\325\135\071\374\210\247\363  
\327\052\164\361\350\132\242\073\237\120\272\246\214\105\065\302  
\120\145\225\334\143\202\357\335\277\167\115\234\142\311\143\163  
\026\320\051\017\111\251\110\360\263\252\267\154\305\247\060\071  
\100\135\256\304\342\135\046\123\360\316\034\043\010\141\250\224  
\031\272\004\142\100\354\037\070\160\167\022\006\161\247\060\030  
\135\045\047\245\002\003\001\000\001\243\201\245\060\201\242\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\266\010\173\015\172  
\314\254\040\114\206\126\062\136\317\253\156\205\055\160\127\060  
\077\006\003\125\035\037\004\070\060\066\060\064\240\062\240\060  
\206\056\150\164\164\160\072\057\057\167\167\167\062\056\160\165  
\142\154\151\143\055\164\162\165\163\164\056\143\157\155\057\143

\162\154\057\143\164\057\143\164\162\157\157\164\056\143\162\154  
\060\037\006\003\125\035\043\004\030\060\026\200\024\266\010\173  
\015\172\314\254\040\114\206\126\062\136\317\253\156\205\055\160  
\127\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\126\357\012\043\240\124\116\225\227\311\370  
\211\332\105\301\324\243\000\045\364\037\023\253\267\243\205\130  
\151\302\060\255\330\025\212\055\343\311\315\201\132\370\163\043  
\132\247\174\005\363\375\042\073\016\321\006\304\333\066\114\163  
\004\216\345\260\042\344\305\363\056\245\331\043\343\270\116\112  
\040\247\156\002\044\237\042\140\147\173\213\035\162\011\305\061  
\134\351\171\237\200\107\075\255\241\013\007\024\075\107\377\003  
\151\032\014\013\104\347\143\045\247\177\262\311\270\166\204\355  
\043\366\175\007\253\105\176\323\337\263\277\351\212\266\315\250  
\242\147\053\122\325\267\145\360\071\114\143\240\221\171\223\122  
\017\124\335\203\273\237\321\217\247\123\163\303\313\377\060\354  
\174\004\270\330\104\037\223\137\161\011\042\267\156\076\352\034  
\003\116\235\032\040\141\373\201\067\354\136\374\012\105\253\327  
\347\027\125\320\240\352\140\233\246\366\343\214\133\051\302\006  
\140\024\235\055\227\114\251\223\025\235\141\304\001\137\110\326  
\130\275\126\061\022\116\021\310\041\340\263\021\221\145\333\264  
\246\210\070\316\125

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Cybertrust Global Root"

# Issuer: CN=Cybertrust Global Root,O="Cybertrust, Inc"

# Serial Number:04:00:00:00:00:01:0f:85:aa:2d:48

# Subject: CN=Cybertrust Global Root,O="Cybertrust, Inc"

# Not Valid Before: Fri Dec 15 08:00:00 2006

# Not Valid After : Wed Dec 15 08:00:00 2021

# Fingerprint (MD5): 72:E4:4A:87:E3:69:40:80:77:EA:BC:E3:F4:FF:F0:E1

# Fingerprint (SHA1): 5F:43:E5:B1:BF:F8:78:8C:AC:1C:C7:CA:4A:9A:C6:22:2B:CC:34:C6

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Cybertrust Global Root"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\137\103\345\261\277\370\170\214\254\034\307\312\112\232\306\042  
\053\314\064\306

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\162\344\112\207\343\151\100\200\167\352\274\343\364\377\360\341

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\073\061\030\060\026\006\003\125\004\012\023\017\103\171\142

```
\145\162\164\162\165\163\164\054\040\111\156\143\061\037\060\035
\006\003\125\004\003\023\026\103\171\142\145\162\164\162\165\163
\164\040\107\154\157\142\141\154\040\122\157\157\164
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\013\004\000\000\000\000\001\017\205\252\055\110
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "ePKI Root Certification Authority"

#

# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

# Serial Number:15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d

# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

# Not Valid Before: Mon Dec 20 02:31:27 2004

# Not Valid After : Wed Dec 20 02:31:27 2034

# Fingerprint (MD5): 1B:2E:00:CA:26:06:90:3D:AD:FE:6F:15:68:D3:6B:B3

# Fingerprint (SHA1): 67:65:0D:F1:7E:8E:7E:5B:82:40:A4:F4:56:4B:CF:E2:3D:69:C6:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ePKI Root Certification Authority"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322
\274\235
```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\260\060\202\003\230\240\003\002\001\002\002\020\025  
\310\275\145\107\134\257\270\227\000\136\344\006\322\274\235\060  
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\136  
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060  
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141  
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164  
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113  
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036  
\027\015\060\064\061\062\062\060\060\062\063\061\062\067\132\027  
\015\063\064\061\062\062\060\060\062\063\061\062\067\132\060\136  
\061\013\060\011\006\003\125\004\006\023\002\124\127\061\043\060  
\041\006\003\125\004\012\014\032\103\150\165\156\147\150\167\141  
\040\124\145\154\145\143\157\155\040\103\157\056\054\040\114\164  
\144\056\061\052\060\050\006\003\125\004\013\014\041\145\120\113  
\111\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\341  
\045\017\356\215\333\210\063\165\147\315\255\037\175\072\116\155  
\235\323\057\024\363\143\164\313\001\041\152\067\352\204\120\007  
\113\046\133\011\103\154\041\236\152\310\325\003\365\140\151\217  
\314\360\042\344\037\347\367\152\042\061\267\054\025\362\340\376  
\000\152\103\377\207\145\306\265\032\301\247\114\155\042\160\041  
\212\061\362\227\164\211\011\022\046\034\236\312\331\022\242\225  
\074\332\351\147\277\010\240\144\343\326\102\267\105\357\227\364  
\366\365\327\265\112\025\002\130\175\230\130\113\140\274\315\327  
\015\232\023\063\123\321\141\371\172\325\327\170\263\232\063\367  
\000\206\316\035\115\224\070\257\250\354\170\121\160\212\134\020  
\203\121\041\367\021\075\064\206\136\345\110\315\227\201\202\065  
\114\031\354\145\366\153\305\005\241\356\107\023\326\263\041\047  
\224\020\012\331\044\073\272\276\104\023\106\060\077\227\074\330  
\327\327\152\356\073\070\343\053\324\227\016\271\033\347\007\111  
\177\067\052\371\167\170\317\124\355\133\106\235\243\200\016\221  
\103\301\326\133\137\024\272\237\246\215\044\107\100\131\277\162  
\070\262\066\154\067\377\231\321\135\016\131\012\253\151\367\300  
\262\004\105\172\124\000\256\276\123\366\265\347\341\370\074\243  
\061\322\251\376\041\122\144\305\246\147\360\165\007\006\224\024  
\201\125\306\047\344\001\217\027\301\152\161\327\276\113\373\224  
\130\175\176\021\063\261\102\367\142\154\030\326\317\011\150\076  
\177\154\366\036\217\142\255\245\143\333\011\247\037\042\102\101  
\036\157\231\212\076\327\371\077\100\172\171\260\245\001\222\322  
\235\075\010\025\245\020\001\055\263\062\166\250\225\015\263\172  
\232\373\007\020\170\021\157\341\217\307\272\017\045\032\164\052  
\345\034\230\101\231\337\041\207\350\225\006\152\012\263\152\107  
\166\145\366\072\317\217\142\027\031\173\012\050\315\032\322\203

\036\041\307\054\277\276\377\141\150\267\147\033\273\170\115\215  
\316\147\345\344\301\216\267\043\146\342\235\220\165\064\230\251  
\066\053\212\232\224\271\235\354\314\212\261\370\045\211\134\132  
\266\057\214\037\155\171\044\247\122\150\303\204\065\342\146\215  
\143\016\045\115\325\031\262\346\171\067\247\042\235\124\061\002  
\003\001\000\001\243\152\060\150\060\035\006\003\125\035\016\004  
\026\004\024\036\014\367\266\147\362\341\222\046\011\105\300\125  
\071\056\167\077\102\112\242\060\014\006\003\125\035\023\004\005  
\060\003\001\001\377\060\071\006\004\147\052\007\000\004\061\060  
\057\060\055\002\001\000\060\011\006\005\053\016\003\002\032\005  
\000\060\007\006\005\147\052\003\000\000\004\024\105\260\302\307  
\012\126\174\356\133\170\014\225\371\030\123\301\246\034\330\020  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\002\001\000\011\263\203\123\131\001\076\225\111\271\361\201  
\272\371\166\040\043\265\047\140\164\324\152\231\064\136\154\000  
\123\331\237\362\246\261\044\007\104\152\052\306\245\216\170\022  
\350\107\331\130\033\023\052\136\171\233\237\012\052\147\246\045  
\077\006\151\126\163\303\212\146\110\373\051\201\127\164\006\312  
\234\352\050\350\070\147\046\053\361\325\265\077\145\223\370\066  
\135\216\215\215\100\040\207\031\352\357\047\300\075\264\071\017  
\045\173\150\120\164\125\234\014\131\175\132\075\101\224\045\122  
\010\340\107\054\025\061\031\325\277\007\125\306\273\022\265\227  
\364\137\203\205\272\161\301\331\154\201\021\166\012\012\260\277  
\202\227\367\352\075\372\372\354\055\251\050\224\073\126\335\322  
\121\056\256\300\275\010\025\214\167\122\064\226\326\233\254\323  
\035\216\141\017\065\173\233\256\071\151\013\142\140\100\040\066  
\217\257\373\066\356\055\010\112\035\270\277\233\134\370\352\245  
\033\240\163\246\330\370\156\340\063\004\137\150\252\047\207\355  
\331\301\220\234\355\275\343\152\065\257\143\337\253\030\331\272  
\346\351\112\352\120\212\017\141\223\036\342\055\031\342\060\224  
\065\222\135\016\266\007\257\031\200\217\107\220\121\113\056\115  
\335\205\342\322\012\122\012\027\232\374\032\260\120\002\345\001  
\243\143\067\041\114\104\304\233\121\231\021\016\163\234\006\217  
\124\056\247\050\136\104\071\207\126\055\067\275\205\104\224\341  
\014\113\054\234\303\222\205\064\141\313\017\270\233\112\103\122  
\376\064\072\175\270\351\051\334\166\251\310\060\370\024\161\200  
\306\036\066\110\164\042\101\134\207\202\350\030\161\213\101\211  
\104\347\176\130\133\250\270\215\023\351\247\154\303\107\355\263  
\032\235\142\256\215\202\352\224\236\335\131\020\303\255\335\342  
\115\343\061\325\307\354\350\362\260\376\222\036\026\012\032\374  
\331\363\370\047\266\311\276\035\264\154\144\220\177\364\344\304  
\133\327\067\256\102\016\335\244\032\157\174\210\124\305\026\156  
\341\172\150\056\370\072\277\015\244\074\211\073\170\247\116\143  
\203\004\041\010\147\215\362\202\111\320\133\375\261\315\017\203  
\204\324\076\040\205\367\112\075\053\234\375\052\012\011\115\352  
\201\370\021\234

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "ePKI Root Certification Authority"

# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

# Serial Number:15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d

# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW

# Not Valid Before: Mon Dec 20 02:31:27 2004

# Not Valid After : Wed Dec 20 02:31:27 2034

# Fingerprint (MD5): 1B:2E:00:CA:26:06:90:3D:AD:FE:6F:15:68:D3:6B:B3

# Fingerprint (SHA1): 67:65:0D:F1:7E:8E:7E:5B:82:40:A4:F4:56:4B:CF:E2:3D:69:C6:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ePKI Root Certification Authority"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\147\145\015\361\176\216\176\133\202\100\244\364\126\113\317\342  
\075\151\306\360

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\033\056\000\312\046\006\220\075\255\376\157\025\150\323\153\263

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\136\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\043\060\041\006\003\125\004\012\014\032\103\150\165\156\147\150  
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040  
\114\164\144\056\061\052\060\050\006\003\125\004\013\014\041\145  
\120\113\111\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322  
\274\235

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "certSIGN ROOT CA"

#

# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO

# Serial Number:20:06:05:16:70:02

# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO

# Not Valid Before: Tue Jul 04 17:20:04 2006

# Not Valid After : Fri Jul 04 17:20:04 2031



```
# Fingerprint (MD5): 18:98:C0:D6:E9:3A:FC:F9:B0:F5:0C:F7:4B:01:44:17
# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN ROOT CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\040\006\005\026\160\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\070\060\202\002\040\240\003\002\001\002\002\006\040
\006\005\026\160\002\060\015\006\011\052\206\110\206\367\015\001
\001\005\005\000\060\073\061\013\060\011\006\003\125\004\006\023
\002\122\117\061\021\060\017\006\003\125\004\012\023\010\143\145
\162\164\123\111\107\116\061\031\060\027\006\003\125\004\013\023
\020\143\145\162\164\123\111\107\116\040\122\117\117\124\040\103
\101\060\036\027\015\060\066\060\067\060\064\061\067\062\060\060
\064\132\027\015\063\061\060\067\060\064\061\067\062\060\060\064
\132\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117
\061\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123
\111\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145
\162\164\123\111\107\116\040\122\117\117\124\040\103\101\060\202
\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\267
\063\271\176\310\045\112\216\265\333\264\050\033\252\127\220\350
\321\042\323\144\272\323\223\350\324\254\206\141\100\152\140\127
\150\124\204\115\274\152\124\002\005\377\337\233\232\052\256\135
\007\217\112\303\050\177\357\373\053\372\171\361\307\255\360\020
\123\044\220\213\146\311\250\210\253\257\132\243\000\351\276\272
\106\356\133\163\173\054\027\202\201\136\142\054\241\002\145\263
\275\305\053\000\176\304\374\003\063\127\015\355\342\372\316\135
\105\326\070\315\065\266\262\301\320\234\201\112\252\344\262\001
\134\035\217\137\231\304\261\255\333\210\041\353\220\010\202\200
```

\363\060\243\103\346\220\202\256\125\050\111\355\133\327\251\020  
\070\016\376\217\114\133\233\106\352\101\365\260\010\164\303\320  
\210\063\266\174\327\164\337\334\204\321\103\016\165\071\241\045  
\100\050\352\170\313\016\054\056\071\235\214\213\156\026\034\057  
\046\202\020\342\343\145\224\012\004\300\136\367\135\133\370\020  
\342\320\272\172\113\373\336\067\000\000\032\133\050\343\322\234  
\163\076\062\207\230\241\311\121\057\327\336\254\063\263\117\002  
\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\306\060\035\006\003\125\035\016  
\004\026\004\024\340\214\233\333\045\111\263\361\174\206\326\262  
\102\207\013\320\153\240\331\344\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\001\001\000\076\322\034\211  
\056\065\374\370\165\335\346\177\145\210\364\162\114\311\054\327  
\062\116\363\335\031\171\107\275\216\073\133\223\017\120\111\044  
\023\153\024\006\162\357\011\323\241\241\343\100\204\311\347\030  
\062\164\074\110\156\017\237\113\324\367\036\323\223\206\144\124  
\227\143\162\120\325\125\317\372\040\223\002\242\233\303\043\223  
\116\026\125\166\240\160\171\155\315\041\037\317\057\055\274\031  
\343\210\061\370\131\032\201\011\310\227\246\164\307\140\304\133  
\314\127\216\262\165\375\033\002\011\333\131\157\162\223\151\367  
\061\101\326\210\070\277\207\262\275\026\171\371\252\344\276\210  
\045\335\141\047\043\034\265\061\007\004\066\264\032\220\275\240  
\164\161\120\211\155\274\024\343\017\206\256\361\253\076\307\240  
\011\314\243\110\321\340\333\144\347\222\265\317\257\162\103\160  
\213\371\303\204\074\023\252\176\222\233\127\123\223\372\160\302  
\221\016\061\371\233\147\135\351\226\070\136\137\263\163\116\210  
\025\147\336\236\166\020\142\040\276\125\151\225\103\000\071\115  
\366\356\260\132\116\111\104\124\130\137\102\203

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "certSIGN ROOT CA"  
# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO  
# Serial Number:20:06:05:16:70:02  
# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO  
# Not Valid Before: Tue Jul 04 17:20:04 2006  
# Not Valid After : Fri Jul 04 17:20:04 2031  
# Fingerprint (MD5): 18:98:C0:D6:E9:3A:FC:F9:B0:F5:0C:F7:4B:01:44:17  
# Fingerprint (SHA1): FA:B7:EE:36:97:26:62:FB:2D:B0:2A:F6:BF:03:FD:E8:7C:4B:2F:9B  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "certSIGN ROOT CA"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\372\267\356\066\227\046\142\373\055\260\052\366\277\003\375\350

\174\113\057\233

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\030\230\300\326\351\072\374\371\260\365\014\367\113\001\104\027

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\073\061\013\060\011\006\003\125\004\006\023\002\122\117\061

\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111

\107\116\061\031\060\027\006\003\125\004\013\023\020\143\145\162

\164\123\111\107\116\040\122\117\117\124\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\006\040\006\005\026\160\002

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GeoTrust Primary Certification Authority - G3"

#

# Issuer: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

# Serial Number:15:ac:6e:94:19:b2:79:4b:41:f6:27:a9:c3:18:0f:1f

# Subject: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

# Not Valid Before: Wed Apr 02 00:00:00 2008

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (MD5): B5:E8:34:36:C9:10:44:58:48:70:6D:2E:83:D4:B8:05

# Fingerprint (SHA1): 03:9E:ED:B8:0B:E7:A0:3C:69:53:89:3B:20:D2:D9:32:3A:4C:2A:FD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GeoTrust Primary Certification Authority - G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123

\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162

\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004

\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124

\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040

\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157

\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145

\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103

\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164

\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162  
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004  
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124  
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040  
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157  
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145  
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\025\254\156\224\031\262\171\113\101\366\047\251\303\030  
\017\037

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\376\060\202\002\346\240\003\002\001\002\002\020\025  
\254\156\224\031\262\171\113\101\366\047\251\303\030\017\037\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\230\061\013\060\011\006\003\125\004\006\023\002\125\123\061\026  
\060\024\006\003\125\004\012\023\015\107\145\157\124\162\165\163  
\164\040\111\156\143\056\061\071\060\067\006\003\125\004\013\023  
\060\050\143\051\040\062\060\060\070\040\107\145\157\124\162\165  
\163\164\040\111\156\143\056\040\055\040\106\157\162\040\141\165  
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154  
\171\061\066\060\064\006\003\125\004\003\023\055\107\145\157\124  
\162\165\163\164\040\120\162\151\155\141\162\171\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\107\063\060\036\027\015\060\070\060  
\064\060\062\060\060\060\060\060\060\132\027\015\063\067\061\062  
\060\061\062\063\065\071\065\071\132\060\201\230\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\026\060\024\006\003\125  
\004\012\023\015\107\145\157\124\162\165\163\164\040\111\156\143  
\056\061\071\060\067\006\003\125\004\013\023\060\050\143\051\040  
\062\060\060\070\040\107\145\157\124\162\165\163\164\040\111\156  
\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151  
\172\145\144\040\165\163\145\040\157\156\154\171\061\066\060\064  
\006\003\125\004\003\023\055\107\145\157\124\162\165\163\164\040  
\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040  
\055\040\107\063\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\334\342\136\142\130\035\063\127\071\062\063  
\372\353\313\207\214\247\324\112\335\006\210\352\144\216\061\230

\245\070\220\036\230\317\056\143\053\360\106\274\104\262\211\241  
\300\050\014\111\160\041\225\237\144\300\246\223\022\002\145\046  
\206\306\245\211\360\372\327\204\240\160\257\117\032\227\077\006  
\104\325\311\353\162\020\175\344\061\050\373\034\141\346\050\007  
\104\163\222\042\151\247\003\210\154\235\143\310\122\332\230\047  
\347\010\114\160\076\264\311\022\301\305\147\203\135\063\363\003  
\021\354\152\320\123\342\321\272\066\140\224\200\273\141\143\154  
\133\027\176\337\100\224\036\253\015\302\041\050\160\210\377\326  
\046\154\154\140\004\045\116\125\176\175\357\277\224\110\336\267  
\035\335\160\215\005\137\210\245\233\362\302\356\352\321\100\101  
\155\142\070\035\126\006\305\003\107\121\040\031\374\173\020\013  
\016\142\256\166\125\277\137\167\276\076\111\001\123\075\230\045  
\003\166\044\132\035\264\333\211\352\171\345\266\263\073\077\272  
\114\050\101\177\006\254\152\216\301\320\366\005\035\175\346\102  
\206\343\245\325\107\002\003\001\000\001\243\102\060\100\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\035\006\003\125\035\016\004\026\004\024\304\171\312\216\241\116  
\003\035\034\334\153\333\061\133\224\076\077\060\177\055\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\055\305\023\317\126\200\173\172\170\275\237\256\054\231  
\347\357\332\337\224\136\011\151\247\347\156\150\214\275\162\276  
\107\251\016\227\022\270\112\361\144\323\071\337\045\064\324\301  
\315\116\201\360\017\004\304\044\263\064\226\306\246\252\060\337  
\150\141\163\327\371\216\205\211\357\016\136\225\050\112\052\047  
\217\020\216\056\174\206\304\002\236\332\014\167\145\016\104\015  
\222\375\375\263\026\066\372\021\015\035\214\016\007\211\152\051  
\126\367\162\364\335\025\234\167\065\146\127\253\023\123\330\216  
\301\100\305\327\023\026\132\162\307\267\151\001\304\172\261\203  
\001\150\175\215\101\241\224\030\301\045\134\374\360\376\203\002  
\207\174\015\015\317\056\010\134\112\100\015\076\354\201\141\346  
\044\333\312\340\016\055\007\262\076\126\334\215\365\101\205\007  
\110\233\014\013\313\111\077\175\354\267\375\313\215\147\211\032  
\253\355\273\036\243\000\010\010\027\052\202\134\061\135\106\212  
\055\017\206\233\164\331\105\373\324\100\261\172\252\150\055\206  
\262\231\042\341\301\053\307\234\370\363\137\250\202\022\353\031  
\021\055

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GeoTrust Primary Certification Authority - G3"

# Issuer: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

# Serial Number: 15:ac:6e:94:19:b2:79:4b:41:f6:27:a9:c3:18:0f:1f

# Subject: CN=GeoTrust Primary Certification Authority - G3,OU=(c) 2008 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

```

# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): B5:E8:34:36:C9:10:44:58:48:70:6D:2E:83:D4:B8:05
# Fingerprint (SHA1): 03:9E:ED:B8:0B:E7:A0:3C:69:53:89:3B:20:D2:D9:32:3A:4C:2A:FD
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\003\236\355\270\013\347\240\074\151\123\211\073\040\322\331\062
\072\114\052\375
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\265\350\064\066\311\020\104\130\110\160\155\056\203\324\270\005
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\070\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\254\156\224\031\262\171\113\101\366\047\251\303\030
\017\037
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "thawte Primary Root CA - G2"
#
# Issuer: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte,
Inc.",C=US
# Serial Number:35:fc:26:5c:d9:84:4f:c9:3d:26:3d:57:9b:ae:d7:56
# Subject: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte,
Inc.",C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 74:9D:EA:60:24:C4:FD:22:53:3E:CC:3A:72:D9:29:4F

```

# Fingerprint (SHA1): AA:DB:BC:22:23:8F:C4:01:A1:27:BB:38:DD:F4:1D:DB:08:9E:F0:12

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "thawte Primary Root CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\065\374\046\134\331\204\117\311\075\046\075\127\233\256
\327\126
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\210\060\202\002\015\240\003\002\001\002\002\020\065
\374\046\134\331\204\117\311\075\046\075\127\233\256\327\126\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\204\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006
\003\125\004\012\023\014\164\150\141\167\164\145\054\040\111\156
\143\056\061\070\060\066\006\003\125\004\013\023\057\050\143\051
\040\062\060\060\067\040\164\150\141\167\164\145\054\040\111\156
\143\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151
\172\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042
\006\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162
\151\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040
\107\062\060\036\027\015\060\067\061\061\060\065\060\060\060\060
\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071\065
```

\071\132\060\201\204\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\025\060\023\006\003\125\004\012\023\014\164\150\141  
\167\164\145\054\040\111\156\143\056\061\070\060\066\006\003\125  
\004\013\023\057\050\143\051\040\062\060\060\067\040\164\150\141  
\167\164\145\054\040\111\156\143\056\040\055\040\106\157\162\040  
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157  
\156\154\171\061\044\060\042\006\003\125\004\003\023\033\164\150  
\141\167\164\145\040\120\162\151\155\141\162\171\040\122\157\157  
\164\040\103\101\040\055\040\107\062\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\242\325\234\202\173\225\235\361\122\170\207\376\212\026\277  
\005\346\337\243\002\117\015\007\306\000\121\272\014\002\122\055  
\042\244\102\071\304\376\217\352\311\301\276\324\115\377\237\172  
\236\342\261\174\232\255\247\206\011\163\207\321\347\232\343\172  
\245\252\156\373\272\263\160\300\147\210\242\065\324\243\232\261  
\375\255\302\357\061\372\250\271\363\373\010\306\221\321\373\051  
\225\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\232\330\000\060\000\347\153\177\205\030\356\213\266\316\212  
\014\370\021\341\273\060\012\006\010\052\206\110\316\075\004\003  
\003\003\151\000\060\146\002\061\000\335\370\340\127\107\133\247  
\346\012\303\275\365\200\212\227\065\015\033\211\074\124\206\167  
\050\312\241\364\171\336\265\346\070\260\360\145\160\214\177\002  
\124\302\277\377\330\241\076\331\317\002\061\000\304\215\224\374  
\334\123\322\334\235\170\026\037\025\063\043\123\122\343\132\061  
\135\235\312\256\275\023\051\104\015\047\133\250\347\150\234\022  
\367\130\077\056\162\002\127\243\217\241\024\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "thawte Primary Root CA - G2"

# Issuer: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte, Inc.",C=US

# Serial Number:35:fc:26:5c:d9:84:4f:c9:3d:26:3d:57:9b:ae:d7:56

# Subject: CN=thawte Primary Root CA - G2,OU="(c) 2007 thawte, Inc. - For authorized use only",O="thawte, Inc.",C=US

# Not Valid Before: Mon Nov 05 00:00:00 2007

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (MD5): 74:9D:EA:60:24:C4:FD:22:53:3E:CC:3A:72:D9:29:4F

# Fingerprint (SHA1): AA:DB:BC:22:23:8F:C4:01:A1:27:BB:38:DD:F4:1D:DB:08:9E:F0:12

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "thawte Primary Root CA - G2"



```

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\252\333\274\042\043\217\304\001\241\047\273\070\335\364\035\333
\010\236\360\022
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\164\235\352\140\044\304\375\042\123\076\314\072\162\331\051\117
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\204\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164
\145\054\040\111\156\143\056\061\070\060\066\006\003\125\004\013
\023\057\050\143\051\040\062\060\060\067\040\164\150\141\167\164
\145\054\040\111\156\143\056\040\055\040\106\157\162\040\141\165
\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154
\171\061\044\060\042\006\003\125\004\003\023\033\164\150\141\167
\164\145\040\120\162\151\155\141\162\171\040\122\157\157\164\040
\103\101\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\065\374\046\134\331\204\117\311\075\046\075\127\233\256
\327\126
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "thawte Primary Root CA - G3"
#
# Issuer: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification
Services Division,O="thawte, Inc.",C=US
# Serial Number:60:01:97:b7:46:a7:ea:b4:b4:9a:d6:4b:2f:f7:90:fb
# Subject: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use
only",OU=Certification Services Division,O="thawte, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): FB:1B:5D:43:8A:94:CD:44:C6:76:F2:43:4B:47:E7:31
# Fingerprint (SHA1): F1:8B:53:8D:1B:E9:03:B6:A6:F0:56:43:5B:17:15:89:CA:F3:6B:F2
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "thawte Primary Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164

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\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013  
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157  
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040  
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143  
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172  
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006  
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151  
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107  
\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164  
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013  
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157  
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040  
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143  
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172  
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006  
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151  
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107  
\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\140\001\227\267\106\247\352\264\264\232\326\113\057\367  
\220\373

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\052\060\202\003\022\240\003\002\001\002\002\020\140  
\001\227\267\106\247\352\264\264\232\326\113\057\367\220\373\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\256\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025  
\060\023\006\003\125\004\012\023\014\164\150\141\167\164\145\054  
\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023\037  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\040\104\151\166\151\163\151\157\156\061  
\070\060\066\006\003\125\004\013\023\057\050\143\051\040\062\060  
\060\070\040\164\150\141\167\164\145\054\040\111\156\143\056\040  
\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144  
\040\165\163\145\040\157\156\154\171\061\044\060\042\006\003\125  
\004\003\023\033\164\150\141\167\164\145\040\120\162\151\155\141  
\162\171\040\122\157\157\164\040\103\101\040\055\040\107\063\060  
\036\027\015\060\070\060\064\060\062\060\060\060\060\060\060\132  
\027\015\063\067\061\062\060\061\062\063\065\071\065\071\132\060  
\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164\145  
\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013\023  
\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123  
\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157\156  
\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040\062  
\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143\056  
\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145  
\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006\003  
\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151\155  
\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107\063  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001  
\000\262\277\047\054\373\333\330\133\335\170\173\033\236\167\146  
\201\313\076\274\174\256\363\246\047\232\064\243\150\061\161\070  
\063\142\344\363\161\146\171\261\251\145\243\245\213\325\217\140  
\055\077\102\314\252\153\062\300\043\313\054\101\335\344\337\374  
\141\234\342\163\262\042\225\021\103\030\137\304\266\037\127\154  
\012\005\130\042\310\066\114\072\174\245\321\317\206\257\210\247  
\104\002\023\164\161\163\012\102\131\002\370\033\024\153\102\337  
\157\137\272\153\202\242\235\133\347\112\275\036\001\162\333\113  
\164\350\073\177\177\175\037\004\264\046\233\340\264\132\254\107  
\075\125\270\327\260\046\122\050\001\061\100\146\330\331\044\275  
\366\052\330\354\041\111\134\233\366\172\351\177\125\065\176\226  
\153\215\223\223\047\313\222\273\352\254\100\300\237\302\370\200  
\317\135\364\132\334\316\164\206\246\076\154\013\123\312\275\222  
\316\031\006\162\346\014\134\070\151\307\004\326\274\154\316\133  
\366\367\150\234\334\045\025\110\210\241\351\251\370\230\234\340  
\363\325\061\050\141\021\154\147\226\215\071\231\313\302\105\044  
\071\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125  
\035\016\004\026\004\024\255\154\252\224\140\234\355\344\377\372  
\076\012\164\053\143\003\367\266\131\277\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\032\100  
\330\225\145\254\011\222\211\306\071\364\020\345\251\016\146\123  
\135\170\336\372\044\221\273\347\104\121\337\306\026\064\012\357  
\152\104\121\352\053\007\212\003\172\303\353\077\012\054\122\026  
\240\053\103\271\045\220\077\160\251\063\045\155\105\032\050\073  
\047\317\252\303\051\102\033\337\073\114\300\063\064\133\101\210  
\277\153\053\145\257\050\357\262\365\303\252\146\316\173\126\356  
\267\310\313\147\301\311\234\032\030\270\304\303\111\003\361\140  
\016\120\315\106\305\363\167\171\367\266\025\340\070\333\307\057  
\050\240\014\077\167\046\164\331\045\022\332\061\332\032\036\334  
\051\101\221\042\074\151\247\273\002\362\266\134\047\003\211\364  
\006\352\233\344\162\202\343\241\011\301\351\000\031\323\076\324  
\160\153\272\161\246\252\130\256\364\273\351\154\266\357\207\314  
\233\273\377\071\346\126\141\323\012\247\304\134\114\140\173\005  
\167\046\172\277\330\007\122\054\142\367\160\143\331\071\274\157

\034\302\171\334\166\051\257\316\305\054\144\004\136\210\066\156  
\061\324\100\032\142\064\066\077\065\001\256\254\143\240

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "thawte Primary Root CA - G3"

# Issuer: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US

# Serial Number:60:01:97:b7:46:a7:ea:b4:b4:9a:d6:4b:2f:f7:90:fb

# Subject: CN=thawte Primary Root CA - G3,OU="(c) 2008 thawte, Inc. - For authorized use only",OU=Certification Services Division,O="thawte, Inc.",C=US

# Not Valid Before: Wed Apr 02 00:00:00 2008

# Not Valid After : Tue Dec 01 23:59:59 2037

# Fingerprint (MD5): FB:1B:5D:43:8A:94:CD:44:C6:76:F2:43:4B:47:E7:31

# Fingerprint (SHA1): F1:8B:53:8D:1B:E9:03:B6:A6:F0:56:43:5B:17:15:89:CA:F3:6B:F2

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "thawte Primary Root CA - G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\361\213\123\215\033\351\003\266\246\360\126\103\133\027\025\211  
\312\363\153\362

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\373\033\135\103\212\224\315\104\306\166\362\103\113\107\347\061

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\256\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\164\150\141\167\164  
\145\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013  
\023\037\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\123\145\162\166\151\143\145\163\040\104\151\166\151\163\151\157  
\156\061\070\060\066\006\003\125\004\013\023\057\050\143\051\040  
\062\060\060\070\040\164\150\141\167\164\145\054\040\111\156\143  
\056\040\055\040\106\157\162\040\141\165\164\150\157\162\151\172  
\145\144\040\165\163\145\040\157\156\154\171\061\044\060\042\006  
\003\125\004\003\023\033\164\150\141\167\164\145\040\120\162\151  
\155\141\162\171\040\122\157\157\164\040\103\101\040\055\040\107  
\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\140\001\227\267\106\247\352\264\264\232\326\113\057\367  
\220\373

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GeoTrust Primary Certification Authority - G2"

#

# Issuer: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

# Serial Number:3c:b2:f4:48:0a:00:e2:fe:eb:24:3b:5e:60:3e:c3:6b

# Subject: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use only,O=GeoTrust Inc.,C=US

# Not Valid Before: Mon Nov 05 00:00:00 2007

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (MD5): 01:5E:D8:6B:BD:6F:3D:8E:A1:31:F8:12:E0:98:73:6A

# Fingerprint (SHA1): 8D:17:84:D5:37:F3:03:7D:EC:70:FE:57:8B:51:9A:99:E6:10:D7:B0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GeoTrust Primary Certification Authority - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162  
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004  
\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124  
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040  
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157  
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145  
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162  
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004  
\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124  
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040  
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157  
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145  
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\074\262\364\110\012\000\342\376\353\044\073\136\140\076  
\303\153

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\256\060\202\002\065\240\003\002\001\002\002\020\074  
\262\364\110\012\000\342\376\353\044\073\136\140\076\303\153\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\230\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\026\060\024\006  
\003\125\004\012\023\015\107\145\157\124\162\165\163\164\040\111  
\156\143\056\061\071\060\067\006\003\125\004\013\023\060\050\143  
\051\040\062\060\060\067\040\107\145\157\124\162\165\163\164\040  
\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157  
\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061\066  
\060\064\006\003\125\004\003\023\055\107\145\157\124\162\165\163  
\164\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\040\055\040\107\062\060\036\027\015\060\067\061\061\060\065  
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062  
\063\065\071\065\071\132\060\201\230\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\026\060\024\006\003\125\004\012\023  
\015\107\145\157\124\162\165\163\164\040\111\156\143\056\061\071  
\060\067\006\003\125\004\013\023\060\050\143\051\040\062\060\060  
\067\040\107\145\157\124\162\165\163\164\040\111\156\143\056\040  
\055\040\106\157\162\040\141\165\164\150\157\162\151\172\145\144  
\040\165\163\145\040\157\156\154\171\061\066\060\064\006\003\125  
\004\003\023\055\107\145\157\124\162\165\163\164\040\120\162\151  
\155\141\162\171\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\025\261\350\375\003\025\103  
\345\254\353\207\067\021\142\357\322\203\066\122\175\105\127\013  
\112\215\173\124\073\072\156\137\025\002\300\120\246\317\045\057  
\175\312\110\270\307\120\143\034\052\041\010\174\232\066\330\013  
\376\321\046\305\130\061\060\050\045\363\135\135\243\270\266\245  
\264\222\355\154\054\237\353\335\103\211\242\074\113\110\221\035  
\120\354\046\337\326\140\056\275\041\243\102\060\100\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\025\137\065\127\121\125\373  
\045\262\255\003\151\374\001\243\372\276\021\125\325\060\012\006  
\010\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060  
\144\226\131\246\350\011\336\213\272\372\132\210\210\360\037\221  
\323\106\250\362\112\114\002\143\373\154\137\070\333\056\101\223  
\251\016\346\235\334\061\034\262\240\247\030\034\171\341\307\066  
\002\060\072\126\257\232\164\154\366\373\203\340\063\323\010\137  
\241\234\302\133\237\106\326\266\313\221\006\143\242\006\347\063  
\254\076\250\201\022\320\313\272\320\222\013\266\236\226\252\004  
\017\212

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "GeoTrust Primary Certification Authority - G2"
# Issuer: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use
only,O=GeoTrust Inc.,C=US
# Serial Number:3c:b2:f4:48:0a:00:e2:fe:eb:24:3b:5e:60:3e:c3:6b
# Subject: CN=GeoTrust Primary Certification Authority - G2,OU=(c) 2007 GeoTrust Inc. - For authorized use
only,O=GeoTrust Inc.,C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 01:5E:D8:6B:BD:6F:3D:8E:A1:31:F8:12:E0:98:73:6A
# Fingerprint (SHA1): 8D:17:84:D5:37:F3:03:7D:EC:70:FE:57:8B:51:9A:99:E6:10:D7:B0
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GeoTrust Primary Certification Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\027\204\325\067\363\003\175\354\160\376\127\213\121\232\231
\346\020\327\260
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\001\136\330\153\275\157\075\216\241\061\370\022\340\230\163\152
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\107\145\157\124\162
\165\163\164\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\050\143\051\040\062\060\060\067\040\107\145\157\124
\162\165\163\164\040\111\156\143\056\040\055\040\106\157\162\040
\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040\157
\156\154\171\061\066\060\064\006\003\125\004\003\023\055\107\145
\157\124\162\165\163\164\040\120\162\151\155\141\162\171\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\074\262\364\110\012\000\342\376\353\044\073\136\140\076
\303\153
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```

#
# Certificate "VeriSign Universal Root Certification Authority"
#
# Issuer: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use
only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:40:1a:c4:64:21:b3:13:21:03:0e:bb:e4:12:1a:c5:1d
# Subject: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use
only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Wed Apr 02 00:00:00 2008
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (MD5): 8E:AD:B5:01:AA:4D:81:E4:8C:1D:D1:E1:14:00:95:19
# Fingerprint (SHA1): 36:79:CA:35:66:87:72:30:4D:30:A5:FB:87:3B:0F:A7:7B:B7:0D:54
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Universal Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL

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\002\020\100\032\304\144\041\263\023\041\003\016\273\344\022\032  
\305\035

END

CKA\_VALUE MULTILINE\_OCTAL

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\032\304\144\041\263\023\041\003\016\273\344\022\032\305\035\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\275\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027  
\060\025\006\003\125\004\012\023\016\126\145\162\151\123\151\147  
\156\054\040\111\156\143\056\061\037\060\035\006\003\125\004\013  
\023\026\126\145\162\151\123\151\147\156\040\124\162\165\163\164  
\040\116\145\164\167\157\162\153\061\072\060\070\006\003\125\004  
\013\023\061\050\143\051\040\062\060\060\070\040\126\145\162\151  
\123\151\147\156\054\040\111\156\143\056\040\055\040\106\157\162  
\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040  
\157\156\154\171\061\070\060\066\006\003\125\004\003\023\057\126  
\145\162\151\123\151\147\156\040\125\156\151\166\145\162\163\141  
\154\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\036  
\027\015\060\070\060\064\060\062\060\060\060\060\060\132\027  
\015\063\067\061\062\060\061\062\063\065\071\065\071\132\060\201  
\275\061\013\060\011\006\003\125\004\006\023\002\125\123\061\027  
\060\025\006\003\125\004\012\023\016\126\145\162\151\123\151\147  
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\023\026\126\145\162\151\123\151\147\156\040\124\162\165\163\164  
\040\116\145\164\167\157\162\153\061\072\060\070\006\003\125\004  
\013\023\061\050\143\051\040\062\060\060\070\040\126\145\162\151  
\123\151\147\156\054\040\111\156\143\056\040\055\040\106\157\162  
\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145\040  
\157\156\154\171\061\070\060\066\006\003\125\004\003\023\057\126  
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\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000\307  
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\366\345\144\205\264\242\161\373\355\275\271\332\315\115\000\264  
\310\055\163\245\307\151\161\225\037\071\074\262\104\007\234\350  
\016\372\115\112\304\041\337\051\141\217\062\042\141\202\305\207  
\037\156\214\174\137\026\040\121\104\321\160\117\127\352\343\034  
\343\314\171\356\130\330\016\302\263\105\223\300\054\347\232\027  
\053\173\000\067\172\101\063\170\341\063\342\363\020\032\177\207  
\054\276\366\365\367\102\342\345\277\207\142\211\137\000\113\337  
\305\335\344\165\104\062\101\072\036\161\156\151\313\013\165\106  
\010\321\312\322\053\225\320\317\373\271\100\153\144\214\127\115  
\374\023\021\171\204\355\136\124\366\064\237\010\001\363\020\045  
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\056\202\361\360\357\011\352\104\311\025\152\342\003\156\063\323  
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\140\371\133\047\021\264\374\026\362\273\126\152\200\045\215\002  
\003\001\000\001\243\201\262\060\201\257\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\155\006\010\053  
\006\001\005\005\007\001\014\004\141\060\137\241\135\240\133\060  
\131\060\127\060\125\026\011\151\155\141\147\145\057\147\151\146  
\060\041\060\037\060\007\006\005\053\016\003\002\032\004\024\217  
\345\323\032\206\254\215\216\153\303\317\200\152\324\110\030\054  
\173\031\056\060\045\026\043\150\164\164\160\072\057\057\154\157  
\147\157\056\166\145\162\151\163\151\147\156\056\143\157\155\057  
\166\163\154\157\147\157\056\147\151\146\060\035\006\003\125\035  
\016\004\026\004\024\266\167\372\151\110\107\237\123\022\325\302  
\352\007\062\166\007\321\227\007\031\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\001\001\000\112\370\370  
\260\003\346\054\147\173\344\224\167\143\314\156\114\371\175\016  
\015\334\310\271\065\271\160\117\143\372\044\372\154\203\214\107  
\235\073\143\363\232\371\166\062\225\221\261\167\274\254\232\276  
\261\344\061\041\306\201\225\126\132\016\261\302\324\261\246\131  
\254\361\143\313\270\114\035\131\220\112\357\220\026\050\037\132  
\256\020\373\201\120\070\014\154\314\361\075\303\365\143\343\263  
\343\041\311\044\071\351\375\025\146\106\364\033\021\320\115\163  
\243\175\106\371\075\355\250\137\142\324\361\077\370\340\164\127  
\053\030\235\201\264\304\050\332\224\227\245\160\353\254\035\276  
\007\021\360\325\333\335\345\214\360\325\062\260\203\346\127\342  
\217\277\276\241\252\277\075\035\265\324\070\352\327\260\134\072  
\117\152\077\217\300\146\154\143\252\351\331\244\026\364\201\321  
\225\024\016\175\315\225\064\331\322\217\160\163\201\173\234\176  
\275\230\141\330\105\207\230\220\305\353\206\060\306\065\277\360  
\377\303\125\210\203\113\357\005\222\006\161\362\270\230\223\267  
\354\315\202\141\361\070\346\117\227\230\052\132\215

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "VeriSign Universal Root Certification Authority"  
# Issuer: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use  
only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US  
# Serial Number:40:1a:c4:64:21:b3:13:21:03:0e:bb:e4:12:1a:c5:1d  
# Subject: CN=VeriSign Universal Root Certification Authority,OU="(c) 2008 VeriSign, Inc. - For authorized use  
only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US  
# Not Valid Before: Wed Apr 02 00:00:00 2008  
# Not Valid After : Tue Dec 01 23:59:59 2037  
# Fingerprint (MD5): 8E:AD:B5:01:AA:4D:81:E4:8C:1D:D1:E1:14:00:95:19  
# Fingerprint (SHA1): 36:79:CA:35:66:87:72:30:4D:30:A5:FB:87:3B:0F:A7:7B:B7:0D:54  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Universal Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\066\171\312\065\146\207\162\060\115\060\245\373\207\073\017\247
\173\267\015\124
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\216\255\265\001\252\115\201\344\214\035\321\341\024\000\225\031
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\275\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\070\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\070\060\066\006\003\125\004\003\023
\057\126\145\162\151\123\151\147\156\040\125\156\151\166\145\162
\163\141\154\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\100\032\304\144\041\263\023\041\003\016\273\344\022\032
\305\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "VeriSign Class 3 Public Primary Certification Authority - G4"
#
# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Serial Number:2f:80:fe:23:8c:0e:22:0f:48:67:12:28:91:87:ac:b3
# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For
authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Mon Nov 05 00:00:00 2007
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (MD5): 3A:52:E1:E7:FD:6F:3A:E3:6F:F3:6F:99:1B:F9:22:41
# Fingerprint (SHA1): 22:D5:D8:DF:8F:02:31:D1:8D:F7:9D:B7:CF:8A:2D:64:C9:3F:6C:3A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE

```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040
\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\057\200\376\043\214\016\042\017\110\147\022\050\221\207
\254\263
END
CKA_VALUE MULTILINE_OCTAL
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\200\376\043\214\016\042\017\110\147\022\050\221\207\254\263\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\312\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\027\060\025\006
\003\125\004\012\023\016\126\145\162\151\123\151\147\156\054\040
\111\156\143\056\061\037\060\035\006\003\125\004\013\023\026\126
\145\162\151\123\151\147\156\040\124\162\165\163\164\040\116\145
\164\167\157\162\153\061\072\060\070\006\003\125\004\013\023\061
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\164\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154  
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\123\151\147\156\040\103\154\141\163\163\040\063\040\120\165\142  
\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
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\060\065\060\060\060\060\060\060\132\027\015\063\070\060\061\061  
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\111\156\143\056\040\055\040\106\157\162\040\141\165\164\150\157  
\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061\105  
\060\103\006\003\125\004\003\023\074\126\145\162\151\123\151\147  
\156\040\103\154\141\163\163\040\063\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\064\060\166\060\020\006\007\052\206\110\316\075  
\002\001\006\005\053\201\004\000\042\003\142\000\004\247\126\172  
\174\122\332\144\233\016\055\134\330\136\254\222\075\376\001\346  
\031\112\075\024\003\113\372\140\047\040\331\203\211\151\372\124  
\306\232\030\136\125\052\144\336\006\366\215\112\073\255\020\074  
\145\075\220\210\004\211\340\060\141\263\256\135\001\247\173\336  
\174\262\276\312\145\141\000\206\256\332\217\173\320\211\255\115  
\035\131\232\101\261\274\107\200\334\236\142\303\371\243\201\262  
\060\201\257\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\155\006\010\053\006\001\005\005\007\001\014  
\004\141\060\137\241\135\240\133\060\131\060\127\060\125\026\011  
\151\155\141\147\145\057\147\151\146\060\041\060\037\060\007\006  
\005\053\016\003\002\032\004\024\217\345\323\032\206\254\215\216  
\153\303\317\200\152\324\110\030\054\173\031\056\060\045\026\043  
\150\164\164\160\072\057\057\154\157\147\157\056\166\145\162\151  
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\000\060\145\002\060\146\041\014\030\046\140\132\070\173\126\102  
\340\247\374\066\204\121\221\040\054\166\115\103\075\304\035\204  
\043\320\254\326\174\065\006\316\315\151\275\220\015\333\154\110  
\102\035\016\252\102\002\061\000\234\075\110\071\043\071\130\032  
\025\022\131\152\236\357\325\131\262\035\122\054\231\161\315\307  
\051\337\033\052\141\173\161\321\336\363\300\345\015\072\112\252

\055\247\330\206\052\335\056\020

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "VeriSign Class 3 Public Primary Certification Authority - G4"

# Issuer: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Serial Number:2f:80:fe:23:8c:0e:22:0f:48:67:12:28:91:87:ac:b3

# Subject: CN=VeriSign Class 3 Public Primary Certification Authority - G4,OU="(c) 2007 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US

# Not Valid Before: Mon Nov 05 00:00:00 2007

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (MD5): 3A:52:E1:E7:FD:6F:3A:E3:6F:F3:6F:99:1B:F9:22:41

# Fingerprint (SHA1): 22:D5:D8:DF:8F:02:31:D1:8D:F7:9D:B7:CF:8A:2D:64:C9:3F:6C:3A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "VeriSign Class 3 Public Primary Certification Authority - G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\042\325\330\337\217\002\061\321\215\367\235\267\317\212\055\144

\311\077\154\072

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\072\122\341\347\375\157\072\343\157\363\157\231\033\371\042\101

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123

\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123

\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125

\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165

\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003

\125\004\013\023\061\050\143\051\040\062\060\060\067\040\126\145

\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106

\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163

\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023

\074\126\145\162\151\123\151\147\156\040\103\154\141\163\163\040

\063\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171

\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101

\165\164\150\157\162\151\164\171\040\055\040\107\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\057\200\376\043\214\016\042\017\110\147\022\050\221\207

\254\263

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "NetLock Arany (Class Gold) Ftanúsítvány"
#
# Issuer: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After : Wed Dec 06 15:08:21 2028
# Fingerprint (MD5): C5:A1:B7:FF:73:DD:D6:D7:34:32:18:DF:FC:3C:AD:88
# Fingerprint (SHA1): 06:08:3F:59:3F:15:A1:04:A0:69:A4:6B:A9:03:D0:06:B7:97:09:91
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanúsítvány"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
```

```
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171
```

```
END
```

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303
\272\163\303\255\164\166\303\241\156\171
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\006\111\101\054\344\000\020

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\025\060\202\002\375\240\003\002\001\002\002\006\111  
\101\054\344\000\020\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\060\201\247\061\013\060\011\006\003\125\004\006  
\023\002\110\125\061\021\060\017\006\003\125\004\007\014\010\102  
\165\144\141\160\145\163\164\061\025\060\023\006\003\125\004\012  
\014\014\116\145\164\114\157\143\153\040\113\146\164\056\061\067  
\060\065\006\003\125\004\013\014\056\124\141\156\303\272\163\303  
\255\164\166\303\241\156\171\153\151\141\144\303\263\153\040\050  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145  
\162\166\151\143\145\163\051\061\065\060\063\006\003\125\004\003  
\014\054\116\145\164\114\157\143\153\040\101\162\141\156\171\040  
\050\103\154\141\163\163\040\107\157\154\144\051\040\106\305\221  
\164\141\156\303\272\163\303\255\164\166\303\241\156\171\060\036  
\027\015\060\070\061\062\061\061\061\065\060\070\062\061\132\027  
\015\062\070\061\062\060\066\061\065\060\070\062\061\132\060\201  
\247\061\013\060\011\006\003\125\004\006\023\002\110\125\061\021  
\060\017\006\003\125\004\007\014\010\102\165\144\141\160\145\163  
\164\061\025\060\023\006\003\125\004\012\014\014\116\145\164\114  
\157\143\153\040\113\146\164\056\061\067\060\065\006\003\125\004  
\013\014\056\124\141\156\303\272\163\303\255\164\166\303\241\156  
\171\153\151\141\144\303\263\153\040\050\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163  
\051\061\065\060\063\006\003\125\004\003\014\054\116\145\164\114  
\157\143\153\040\101\162\141\156\171\040\050\103\154\141\163\163  
\040\107\157\154\144\051\040\106\305\221\164\141\156\303\272\163  
\303\255\164\166\303\241\156\171\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\304\044\136\163\276\113\155  
\024\303\241\364\343\227\220\156\322\060\105\036\074\356\147\331  
\144\340\032\212\177\312\060\312\203\343\040\301\343\364\072\323  
\224\137\032\174\133\155\277\060\117\204\047\366\237\037\111\274  
\306\231\012\220\362\017\365\177\103\204\067\143\121\213\172\245  
\160\374\172\130\315\216\233\355\303\106\154\204\160\135\332\363  
\001\220\043\374\116\060\251\176\341\047\143\347\355\144\074\240  
\270\311\063\143\376\026\220\377\260\270\375\327\250\300\300\224  
\103\013\266\325\131\246\236\126\320\044\037\160\171\257\333\071  
\124\015\145\165\331\025\101\224\001\257\136\354\366\215\361\377  
\255\144\376\040\232\327\134\353\376\246\037\010\144\243\213\166  
\125\255\036\073\050\140\056\207\045\350\252\257\037\306\144\106  
\040\267\160\177\074\336\110\333\226\123\267\071\167\344\032\342  
\307\026\204\166\227\133\057\273\031\025\205\370\151\205\365\231  
\247\251\362\064\247\251\266\246\003\374\157\206\075\124\174\166  
\004\233\153\371\100\135\000\064\307\056\231\165\235\345\210\003



```
\252\115\370\003\322\102\166\300\033\002\003\000\250\213\243\105
\060\103\060\022\006\003\125\035\023\001\001\377\004\010\060\006
\001\001\377\002\001\004\060\016\006\003\125\035\017\001\001\377
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004
\024\314\372\147\223\360\266\270\320\245\300\036\363\123\375\214
\123\337\203\327\226\060\015\006\011\052\206\110\206\367\015\001
\001\013\005\000\003\202\001\001\000\253\177\356\034\026\251\234
\074\121\000\240\300\021\010\005\247\231\346\157\001\210\124\141
\156\361\271\030\255\112\255\376\201\100\043\224\057\373\165\174
\057\050\113\142\044\201\202\013\365\141\361\034\156\270\141\070
\353\201\372\142\241\073\132\142\323\224\145\304\341\346\155\202
\370\057\045\160\262\041\046\301\162\121\037\214\054\303\204\220
\303\132\217\272\317\364\247\145\245\353\230\321\373\005\262\106
\165\025\043\152\157\205\143\060\200\360\325\236\037\051\034\302
\154\260\120\131\135\220\133\073\250\015\060\317\277\175\177\316
\361\235\203\275\311\106\156\040\246\371\141\121\272\041\057\173
\276\245\025\143\241\324\225\207\361\236\271\363\211\363\075\205
\270\270\333\276\265\271\051\371\332\067\005\000\111\224\003\204
\104\347\277\103\061\317\165\213\045\321\364\246\144\365\222\366
\253\005\353\075\351\245\013\066\142\332\314\006\137\066\213\266
\136\061\270\052\373\136\366\161\337\104\046\236\304\346\015\221
\264\056\165\225\200\121\152\113\060\246\260\142\241\223\361\233
\330\316\304\143\165\077\131\107\261
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "NetLock Arany (Class Gold) Ftanúsítvány"
# Issuer: CN=NetLock Arany (Class Gold) F..tan...s..tv...ny,OU=Tan...s..tv...nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F..tan...s..tv...ny,OU=Tan...s..tv...nykiad..k (Certification
Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After : Wed Dec 06 15:08:21 2028
# Fingerprint (MD5): C5:A1:B7:FF:73:DD:D6:D7:34:32:18:DF:FC:3C:AD:88
# Fingerprint (SHA1): 06:08:3F:59:3F:15:A1:04:A0:69:A4:6B:A9:03:D0:06:B7:97:09:91
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanúsítvány"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\006\010\077\131\077\025\241\004\240\151\244\153\251\003\320\006
\267\227\011\221
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\305\241\267\377\163\335\326\327\064\062\030\337\374\074\255\210

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\247\061\013\060\011\006\003\125\004\006\023\002\110\125  
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160  
\145\163\164\061\025\060\023\006\003\125\004\012\014\014\116\145  
\164\114\157\143\153\040\113\146\164\056\061\067\060\065\006\003  
\125\004\013\014\056\124\141\156\303\272\163\303\255\164\166\303  
\241\156\171\153\151\141\144\303\263\153\040\050\103\145\162\164  
\151\146\151\143\141\164\151\157\156\040\123\145\162\166\151\143  
\145\163\051\061\065\060\063\006\003\125\004\003\014\054\116\145  
\164\114\157\143\153\040\101\162\141\156\171\040\050\103\154\141  
\163\163\040\107\157\154\144\051\040\106\305\221\164\141\156\303  
\272\163\303\255\164\166\303\241\156\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\006\111\101\054\344\000\020

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Hongkong Post Root CA 1"

#

# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK

# Serial Number: 1000 (0x3e8)

# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK

# Not Valid Before: Thu May 15 05:13:14 2003

# Not Valid After : Mon May 15 04:52:29 2023

# Fingerprint (MD5): A8:0D:6F:39:78:B9:43:6D:77:42:6D:98:5A:CC:23:CA

# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hongkong Post Root CA 1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157  
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003  
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040  
\122\157\157\164\040\103\101\040\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157  
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003  
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040  
\122\157\157\164\040\103\101\040\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\003\350

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\060\060\202\002\030\240\003\002\001\002\002\002\003  
\350\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157  
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003  
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040  
\122\157\157\164\040\103\101\040\061\060\036\027\015\060\063\060  
\065\061\065\060\065\061\063\061\064\132\027\015\062\063\060\065  
\061\065\060\064\065\062\062\071\132\060\107\061\013\060\011\006  
\003\125\004\006\023\002\110\113\061\026\060\024\006\003\125\004  
\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164  
\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153  
\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101  
\040\061\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\254\377\070\266\351\146\002\111\343\242\264\341\220  
\371\100\217\171\371\342\275\171\376\002\275\356\044\222\035\042  
\366\332\205\162\151\376\327\077\011\324\335\221\265\002\234\320  
\215\132\341\125\303\120\206\271\051\046\302\343\331\240\361\151  
\003\050\040\200\105\042\055\126\247\073\124\225\126\042\131\037  
\050\337\037\040\075\155\242\066\276\043\240\261\156\265\261\047  
\077\071\123\011\352\253\152\350\164\262\302\145\134\216\277\174  
\303\170\204\315\236\026\374\365\056\117\040\052\010\237\167\363  
\305\036\304\232\122\146\036\110\136\343\020\006\217\042\230\341  
\145\216\033\135\043\146\073\270\245\062\121\310\206\252\241\251  
\236\177\166\224\302\246\154\267\101\360\325\310\006\070\346\324  
\014\342\363\073\114\155\120\214\304\203\047\301\023\204\131\075  
\236\165\164\266\330\002\136\072\220\172\300\102\066\162\354\152  
\115\334\357\304\000\337\023\030\127\137\046\170\310\326\012\171  
\167\277\367\257\267\166\271\245\013\204\027\135\020\352\157\341  
\253\225\021\137\155\074\243\134\115\203\133\362\263\031\212\200  
\213\013\207\002\003\001\000\001\243\046\060\044\060\022\006\003  
\125\035\023\001\001\377\004\010\060\006\001\001\377\002\001\003  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\306  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\003  
\202\001\001\000\016\106\325\074\256\342\207\331\136\201\213\002  
\230\101\010\214\114\274\332\333\356\047\033\202\347\152\105\354  
\026\213\117\205\240\363\262\160\275\132\226\272\312\156\155\356

```
\106\213\156\347\052\056\226\263\031\063\353\264\237\250\262\067
\356\230\250\227\266\056\266\147\047\324\246\111\375\034\223\145
\166\236\102\057\334\042\154\232\117\362\132\025\071\261\161\327
\053\121\350\155\034\230\300\331\052\364\241\202\173\325\311\101
\242\043\001\164\070\125\213\017\271\056\147\242\040\004\067\332
\234\013\323\027\041\340\217\227\171\064\157\204\110\002\040\063
\033\346\064\104\237\221\160\364\200\136\204\103\302\051\322\154
\022\024\344\141\215\254\020\220\236\204\120\273\360\226\157\105
\237\212\363\312\154\117\372\021\072\025\025\106\303\315\037\203
\133\055\101\022\355\120\147\101\023\075\041\253\224\212\252\116
\174\301\261\373\247\326\265\047\057\227\253\156\340\035\342\321
\034\054\037\104\342\374\276\221\241\234\373\326\051\123\163\206
\237\123\330\103\016\135\326\143\202\161\035\200\164\312\366\342
\002\153\331\132
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Hongkong Post Root CA 1"
# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Serial Number: 1000 (0x3e8)
# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Not Valid Before: Thu May 15 05:13:14 2003
# Not Valid After : Mon May 15 04:52:29 2023
# Fingerprint (MD5): A8:0D:6F:39:78:B9:43:6D:77:42:6D:98:5A:CC:23:CA
# Fingerprint (SHA1): D6:DA:A8:20:8D:09:D2:15:4D:24:B5:2F:CB:34:6E:B2:58:B2:8A:58
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\326\332\250\040\215\011\322\025\115\044\265\057\313\064\156\262
\130\262\212\130
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\250\015\157\071\170\271\103\155\167\102\155\230\132\314\043\312
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\036\006\003\125\004\003
\023\027\110\157\156\147\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\002\003\350
```

```
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "SecureSign RootCA11"
#
# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Serial Number: 1 (0x1)
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
# Fingerprint (MD5): B7:52:74:E2:92:B4:80:93:F2:75:E4:CC:D7:F2:EA:26
# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureSign RootCA11"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
```

```
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
```

```
END
```

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
```

```
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

```
END
```

```
CKA_VALUE MULTILINE_OCTAL
```

```
\060\202\003\155\060\202\002\125\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061\053
\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145\162
```

\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032\006  
\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147\156  
\040\122\157\157\164\103\101\061\061\060\036\027\015\060\071\060  
\064\060\070\060\064\065\066\064\067\132\027\015\062\071\060\064  
\060\070\060\064\065\066\064\067\132\060\130\061\013\060\011\006  
\003\125\004\006\023\002\112\120\061\053\060\051\006\003\125\004  
\012\023\042\112\141\160\141\156\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\123\145\162\166\151\143\145\163\054  
\040\111\156\143\056\061\034\060\032\006\003\125\004\003\023\023  
\123\145\143\165\162\145\123\151\147\156\040\122\157\157\164\103  
\101\061\061\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\375\167\252\245\034\220\005\073\313\114\233\063  
\213\132\024\105\244\347\220\026\321\337\127\322\041\020\244\027  
\375\337\254\326\037\247\344\333\174\367\354\337\270\003\332\224  
\130\375\135\162\174\214\077\137\001\147\164\025\226\343\002\074  
\207\333\256\313\001\216\302\363\146\306\205\105\364\002\306\072  
\265\142\262\257\372\234\277\244\346\324\200\060\230\363\015\266  
\223\217\251\324\330\066\362\260\374\212\312\054\241\025\063\225  
\061\332\300\033\362\356\142\231\206\143\077\277\335\223\052\203  
\250\166\271\023\037\267\316\116\102\205\217\042\347\056\032\362  
\225\011\262\005\265\104\116\167\241\040\275\251\362\116\012\175  
\120\255\365\005\015\105\117\106\161\375\050\076\123\373\004\330  
\055\327\145\035\112\033\372\317\073\260\061\232\065\156\310\213  
\006\323\000\221\362\224\010\145\114\261\064\006\000\172\211\342  
\360\307\003\131\317\325\326\350\247\062\263\346\230\100\206\305  
\315\047\022\213\314\173\316\267\021\074\142\140\007\043\076\053  
\100\156\224\200\011\155\266\263\157\167\157\065\010\120\373\002  
\207\305\076\211\002\003\001\000\001\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\133\370\115\117\262\245\206\324  
\072\322\361\143\232\240\276\011\366\127\267\336\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015\006  
\011\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001  
\000\240\241\070\026\146\056\247\126\037\041\234\006\372\035\355  
\271\042\305\070\046\330\116\117\354\243\177\171\336\106\041\241  
\207\167\217\007\010\232\262\244\305\257\017\062\230\013\174\146  
\051\266\233\175\045\122\111\103\253\114\056\053\156\172\160\257  
\026\016\343\002\154\373\102\346\030\235\105\330\125\310\350\073  
\335\347\341\364\056\013\034\064\134\154\130\112\373\214\210\120  
\137\225\034\277\355\253\042\265\145\263\205\272\236\017\270\255  
\345\172\033\212\120\072\035\275\015\274\173\124\120\013\271\102  
\257\125\240\030\201\255\145\231\357\276\344\234\277\304\205\253  
\101\262\124\157\334\045\315\355\170\342\216\014\215\011\111\335  
\143\173\132\151\226\002\041\250\275\122\131\351\175\065\313\310  
\122\312\177\201\376\331\153\323\367\021\355\045\337\370\347\371  
\244\372\162\227\204\123\015\245\320\062\030\121\166\131\024\154  
\017\353\354\137\200\214\165\103\203\303\205\230\377\114\236\055

```
\015\344\167\203\223\116\265\226\007\213\050\023\233\214\031\215
\101\047\111\100\356\336\346\043\104\071\334\241\042\326\272\003
\362
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "SecureSign RootCA11"
# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Serial Number: 1 (0x1)
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
# Fingerprint (MD5): B7:52:74:E2:92:B4:80:93:F2:75:E4:CC:D7:F2:EA:26
# Fingerprint (SHA1): 3B:C4:9F:48:F8:F3:73:A0:9C:1E:BD:F8:5B:B1:C3:65:C7:D8:11:B3
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureSign RootCA11"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\073\304\237\110\370\363\163\240\234\036\275\370\133\261\303\145
\307\330\021\263
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\122\164\342\222\264\200\223\362\165\344\314\327\362\352\046
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Microsec e-Szigno Root CA 2009"
#
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
```

```
# Serial Number:00:c2:7e:43:04:4e:47:3f:19
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Jun 16 11:30:18 2009
# Not Valid After : Sun Dec 30 11:30:18 2029
# Fingerprint (MD5): F8:49:F4:03:BC:44:2D:83:BE:48:69:7D:29:64:FC:B1
# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\302\176\103\004\116\107\077\031
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\012\060\202\002\362\240\003\002\001\002\002\011\000
\302\176\103\004\116\107\077\031\060\015\006\011\052\206\110\206
\367\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003
\125\004\006\023\002\110\125\061\021\060\017\006\003\125\004\007
\014\010\102\165\144\141\160\145\163\164\061\026\060\024\006\003
\125\004\012\014\015\115\151\143\162\157\163\145\143\040\114\164
\144\056\061\047\060\045\006\003\125\004\003\014\036\115\151\143
\162\157\163\145\143\040\145\055\123\172\151\147\156\157\040\122
\157\157\164\040\103\101\040\062\060\060\071\061\037\060\035\006
```



\011\052\206\110\206\367\015\001\011\001\026\020\151\156\146\157  
\100\145\055\163\172\151\147\156\157\056\150\165\060\036\027\015  
\060\071\060\066\061\066\061\061\063\060\061\070\132\027\015\062  
\071\061\062\063\060\061\061\063\060\061\070\132\060\201\202\061  
\013\060\011\006\003\125\004\006\023\002\110\125\061\021\060\017  
\006\003\125\004\007\014\010\102\165\144\141\160\145\163\164\061  
\026\060\024\006\003\125\004\012\014\015\115\151\143\162\157\163  
\145\143\040\114\164\144\056\061\047\060\045\006\003\125\004\003  
\014\036\115\151\143\162\157\163\145\143\040\145\055\123\172\151  
\147\156\157\040\122\157\157\164\040\103\101\040\062\060\060\071  
\061\037\060\035\006\011\052\206\110\206\367\015\001\011\001\026  
\020\151\156\146\157\100\145\055\163\172\151\147\156\157\056\150  
\165\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\351\370\217\363\143\255\332\206\330\247\340\102\373\317  
\221\336\246\046\370\231\245\143\160\255\233\256\312\063\100\175  
\155\226\156\241\016\104\356\341\023\235\224\102\122\232\275\165  
\205\164\054\250\016\035\223\266\030\267\214\054\250\317\373\134  
\161\271\332\354\376\350\176\217\344\057\035\262\250\165\207\330  
\267\241\345\073\317\231\112\106\320\203\031\175\300\241\022\034  
\225\155\112\364\330\307\245\115\063\056\205\071\100\165\176\024  
\174\200\022\230\120\307\101\147\270\240\200\141\124\246\154\116  
\037\340\235\016\007\351\311\272\063\347\376\300\125\050\054\002  
\200\247\031\365\236\334\125\123\003\227\173\007\110\377\231\373  
\067\212\044\304\131\314\120\020\143\216\252\251\032\260\204\032  
\206\371\137\273\261\120\156\244\321\012\314\325\161\176\037\247  
\033\174\365\123\156\042\137\313\053\346\324\174\135\256\326\302  
\306\114\345\005\001\331\355\127\374\301\043\171\374\372\310\044  
\203\225\363\265\152\121\001\320\167\326\351\022\241\371\032\203  
\373\202\033\271\260\227\364\166\006\063\103\111\240\377\013\265  
\372\265\002\003\001\000\001\243\201\200\060\176\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006  
\003\125\035\016\004\026\004\024\313\017\306\337\102\103\314\075  
\313\265\110\043\241\032\172\246\052\273\064\150\060\037\006\003  
\125\035\043\004\030\060\026\200\024\313\017\306\337\102\103\314  
\075\313\265\110\043\241\032\172\246\052\273\064\150\060\033\006  
\003\125\035\021\004\024\060\022\201\020\151\156\146\157\100\145  
\055\163\172\151\147\156\157\056\150\165\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\001\001\000\311\321  
\016\136\056\325\314\263\174\076\313\374\075\377\015\050\225\223  
\004\310\277\332\315\171\270\103\220\360\244\276\357\362\357\041  
\230\274\324\324\135\006\366\356\102\354\060\154\240\252\251\312  
\361\257\212\372\077\013\163\152\076\352\056\100\176\037\256\124  
\141\171\353\056\010\067\327\043\363\214\237\276\035\261\341\244  
\165\333\240\342\124\024\261\272\034\051\244\030\366\022\272\242  
\024\024\343\061\065\310\100\377\267\340\005\166\127\301\034\131  
\362\370\277\344\355\045\142\134\204\360\176\176\037\263\276\371

```
\267\041\021\314\003\001\126\160\247\020\222\036\033\064\201\036
\255\234\032\303\004\074\355\002\141\326\036\006\363\137\072\207
\362\053\361\105\207\345\075\254\321\307\127\204\275\153\256\334
\330\371\266\033\142\160\013\075\066\311\102\362\062\327\172\141
\346\322\333\075\317\310\251\311\233\334\333\130\104\327\157\070
\257\177\170\323\243\255\032\165\272\034\301\066\174\217\036\155
\034\303\165\106\256\065\005\246\366\134\075\041\356\126\360\311
\202\042\055\172\124\253\160\303\175\042\145\202\160\226
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Microsec e-Szigno Root CA 2009"
```

```
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
```

```
# Serial Number:00:c2:7e:43:04:4e:47:3f:19
```

```
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
```

```
# Not Valid Before: Tue Jun 16 11:30:18 2009
```

```
# Not Valid After : Sun Dec 30 11:30:18 2029
```

```
# Fingerprint (MD5): F8:49:F4:03:BC:44:2D:83:BE:48:69:7D:29:64:FC:B1
```

```
# Fingerprint (SHA1): 89:DF:74:FE:5C:F4:0F:4A:80:F9:E3:37:7D:54:DA:91:E1:01:31:8E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\211\337\164\376\134\364\017\112\200\371\343\067\175\124\332\221
\341\001\061\216
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\370\111\364\003\274\104\055\203\276\110\151\175\051\144\374\261
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\114\164\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\001\026\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\011\000\302\176\103\004\116\107\077\031
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GlobalSign Root CA - R3"

#

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

# Serial Number:04:00:00:00:01:21:58:53:08:a2

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

# Not Valid Before: Wed Mar 18 10:00:00 2009

# Not Valid After : Sun Mar 18 10:00:00 2029

# Fingerprint (MD5): C5:DF:B8:49:CA:05:13:55:EE:2D:BA:1A:C3:3E:B0:28

# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA - R3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\041\130\123\010\242

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\137\060\202\002\107\240\003\002\001\002\002\013\004  
\000\000\000\000\001\041\130\123\010\242\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\060\114\061\040\060\036\006  
\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147\156  
\040\122\157\157\164\040\103\101\040\055\040\122\063\061\023\060  
\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123\151  
\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154\157  
\142\141\154\123\151\147\156\060\036\027\015\060\071\060\063\061  
\070\061\060\060\060\060\060\132\027\015\062\071\060\063\061\070

\061\060\060\060\060\060\132\060\114\061\040\060\036\006\003\125  
\004\013\023\027\107\154\157\142\141\154\123\151\147\156\040\122  
\157\157\164\040\103\101\040\055\040\122\063\061\023\060\021\006  
\003\125\004\012\023\012\107\154\157\142\141\154\123\151\147\156  
\061\023\060\021\006\003\125\004\003\023\012\107\154\157\142\141  
\154\123\151\147\156\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\314\045\166\220\171\006\170\042\026\365  
\300\203\266\204\312\050\236\375\005\166\021\305\255\210\162\374  
\106\002\103\307\262\212\235\004\137\044\313\056\113\341\140\202  
\106\341\122\253\014\201\107\160\154\335\144\321\353\365\054\243  
\017\202\075\014\053\256\227\327\266\024\206\020\171\273\073\023  
\200\167\214\010\341\111\322\152\142\057\037\136\372\226\150\337  
\211\047\225\070\237\006\327\076\311\313\046\131\015\163\336\260  
\310\351\046\016\203\025\306\357\133\213\322\004\140\312\111\246  
\050\366\151\073\366\313\310\050\221\345\235\212\141\127\067\254  
\164\024\334\164\340\072\356\162\057\056\234\373\320\273\277\365  
\075\000\341\006\063\350\202\053\256\123\246\072\026\163\214\335  
\101\016\040\072\300\264\247\241\351\262\117\220\056\062\140\351  
\127\313\271\004\222\150\150\345\070\046\140\165\262\237\167\377  
\221\024\357\256\040\111\374\255\100\025\110\321\002\061\141\031  
\136\270\227\357\255\167\267\144\232\172\277\137\301\023\357\233  
\142\373\015\154\340\124\151\026\251\003\332\156\351\203\223\161  
\166\306\151\205\202\027\002\003\001\000\001\243\102\060\100\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\217\360\113\177\250  
\056\105\044\256\115\120\372\143\232\213\336\342\335\033\274\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\001\001\000\113\100\333\300\120\252\376\310\014\357\367\226\124  
\105\111\273\226\000\011\101\254\263\023\206\206\050\007\063\312  
\153\346\164\271\272\000\055\256\244\012\323\365\361\361\017\212  
\277\163\147\112\203\307\104\173\170\340\257\156\154\157\003\051  
\216\063\071\105\303\216\344\271\127\154\252\374\022\226\354\123  
\306\055\344\044\154\271\224\143\373\334\123\150\147\126\076\203  
\270\317\065\041\303\311\150\376\316\332\302\123\252\314\220\212  
\351\360\135\106\214\225\335\172\130\050\032\057\035\336\315\000  
\067\101\217\355\104\155\327\123\050\227\176\363\147\004\036\025  
\327\212\226\264\323\336\114\047\244\114\033\163\163\166\364\027  
\231\302\037\172\016\343\055\010\255\012\034\054\377\074\253\125  
\016\017\221\176\066\353\303\127\111\276\341\056\055\174\140\213  
\303\101\121\023\043\235\316\367\062\153\224\001\250\231\347\054  
\063\037\072\073\045\322\206\100\316\073\054\206\170\311\141\057  
\024\272\356\333\125\157\337\204\356\005\011\115\275\050\330\162  
\316\323\142\120\145\036\353\222\227\203\061\331\263\265\312\107  
\130\077\137

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "GlobalSign Root CA - R3"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

# Serial Number:04:00:00:00:00:01:21:58:53:08:a2

# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3

# Not Valid Before: Wed Mar 18 10:00:00 2009

# Not Valid After : Sun Mar 18 10:00:00 2029

# Fingerprint (MD5): C5:DF:B8:49:CA:05:13:55:EE:2D:BA:1A:C3:3E:B0:28

# Fingerprint (SHA1): D6:9B:56:11:48:F0:1C:77:C5:45:78:C1:09:26:DF:5B:85:69:76:AD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GlobalSign Root CA - R3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\326\233\126\021\110\360\034\167\305\105\170\301\011\046\337\133

\205\151\166\255

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\305\337\270\111\312\005\023\125\356\055\272\032\303\076\260\050

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157

\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040

\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107

\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125

\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\013\004\000\000\000\000\001\041\130\123\010\242

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

#

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Serial Number:53:ec:3b:ee:fb:b2:48:5f

# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Not Valid Before: Wed May 20 08:38:15 2009

# Not Valid After : Tue Dec 31 08:38:15 2030

# Fingerprint (MD5): 73:3A:74:7A:EC:BB:A3:96:A6:C2:E4:E2:C8:9B:C0:C3

# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\262\110\137
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\024\060\202\003\374\240\003\002\001\002\002\010\123
\354\073\356\373\262\110\137\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\121\061\013\060\011\006\003\125\004
\006\023\002\105\123\061\102\060\100\006\003\125\004\003\014\071
\101\165\164\157\162\151\144\141\144\040\144\145\040\103\145\162
\164\151\146\151\143\141\143\151\157\156\040\106\151\162\155\141
\160\162\157\146\145\163\151\157\156\141\154\040\103\111\106\040
\101\066\062\066\063\064\060\066\070\060\036\027\015\060\071\060
\065\062\060\060\070\063\070\061\065\132\027\015\063\060\061\062
\063\061\060\070\063\070\061\065\132\060\121\061\013\060\011\006
\003\125\004\006\023\002\105\123\061\102\060\100\006\003\125\004
\003\014\071\101\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\040\106\151
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\040\103
\111\106\040\101\066\062\066\063\064\060\066\070\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\312\226\153
\216\352\370\373\361\242\065\340\177\114\332\340\303\122\327\175
\266\020\310\002\136\263\103\052\304\117\152\262\312\034\135\050
\232\170\021\032\151\131\127\257\265\040\102\344\213\017\346\337
\133\246\003\222\057\365\021\344\142\327\062\161\070\331\004\014
```

\161\253\075\121\176\017\007\337\143\005\134\351\277\224\157\301  
\051\202\300\264\332\121\260\301\074\273\255\067\112\134\312\361  
\113\066\016\044\253\277\303\204\167\375\250\120\364\261\347\306  
\057\322\055\131\215\172\012\116\226\151\122\002\252\066\230\354  
\374\372\024\203\014\067\037\311\222\067\177\327\201\055\345\304  
\271\340\076\064\376\147\364\076\146\321\323\364\100\317\136\142  
\064\017\160\006\076\040\030\132\316\367\162\033\045\154\223\164  
\024\223\243\163\261\016\252\207\020\043\131\137\040\005\031\107  
\355\150\216\222\022\312\135\374\326\053\262\222\074\040\317\341  
\137\257\040\276\240\166\177\166\345\354\032\206\141\063\076\347  
\173\264\077\240\017\216\242\271\152\157\271\207\046\157\101\154  
\210\246\120\375\152\143\013\365\223\026\033\031\217\262\355\233  
\233\311\220\365\001\014\337\031\075\017\076\070\043\311\057\217  
\014\321\002\376\033\125\326\116\320\215\074\257\117\244\363\376  
\257\052\323\005\235\171\010\241\313\127\061\264\234\310\220\262  
\147\364\030\026\223\072\374\107\330\321\170\226\061\037\272\053  
\014\137\135\231\255\143\211\132\044\040\166\330\337\375\253\116  
\246\042\252\235\136\346\047\212\175\150\051\243\347\212\270\332  
\021\273\027\055\231\235\023\044\106\367\305\342\330\237\216\177  
\307\217\164\155\132\262\350\162\365\254\356\044\020\255\057\024  
\332\377\055\232\106\161\107\276\102\337\273\001\333\364\177\323  
\050\217\061\131\133\323\311\002\246\264\122\312\156\227\373\103  
\305\010\046\157\212\364\273\375\237\050\252\015\325\105\363\023  
\072\035\330\300\170\217\101\147\074\036\224\144\256\173\013\305  
\350\331\001\210\071\032\227\206\144\101\325\073\207\014\156\372  
\017\306\275\110\024\277\071\115\324\236\101\266\217\226\035\143  
\226\223\331\225\006\170\061\150\236\067\006\073\200\211\105\141  
\071\043\307\033\104\243\025\345\034\370\222\060\273\002\003\001  
\000\001\243\201\357\060\201\354\060\022\006\003\125\035\023\001  
\001\377\004\010\060\006\001\001\377\002\001\001\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\145\315\353\253\065\036\000\076\176  
\325\164\300\034\264\163\107\016\032\144\057\060\201\246\006\003  
\125\035\040\004\201\236\060\201\233\060\201\230\006\004\125\035  
\040\000\060\201\217\060\057\006\010\053\006\001\005\005\007\002  
\001\026\043\150\164\164\160\072\057\057\167\167\167\056\146\151  
\162\155\141\160\162\157\146\145\163\151\157\156\141\154\056\143  
\157\155\057\143\160\163\060\134\006\010\053\006\001\005\005\007  
\002\002\060\120\036\116\000\120\000\141\000\163\000\145\000\157  
\000\040\000\144\000\145\000\040\000\154\000\141\000\040\000\102  
\000\157\000\156\000\141\000\156\000\157\000\166\000\141\000\040  
\000\064\000\067\000\040\000\102\000\141\000\162\000\143\000\145  
\000\154\000\157\000\156\000\141\000\040\000\060\000\070\000\060  
\000\061\000\067\060\015\006\011\052\206\110\206\367\015\001\001  
\005\005\000\003\202\002\001\000\027\175\240\371\264\335\305\305  
\353\255\113\044\265\241\002\253\335\245\210\112\262\017\125\113  
\053\127\214\073\345\061\335\376\304\062\361\347\133\144\226\066  
\062\030\354\245\062\167\327\343\104\266\300\021\052\200\271\075

\152\156\174\233\323\255\374\303\326\243\346\144\051\174\321\341  
\070\036\202\053\377\047\145\257\373\026\025\304\056\161\204\345  
\265\377\372\244\107\275\144\062\273\366\045\204\242\047\102\365  
\040\260\302\023\020\021\315\020\025\272\102\220\052\322\104\341  
\226\046\353\061\110\022\375\052\332\311\006\317\164\036\251\113  
\325\207\050\371\171\064\222\076\056\104\350\366\217\117\217\065  
\077\045\263\071\334\143\052\220\153\040\137\304\122\022\116\227  
\054\052\254\235\227\336\110\362\243\146\333\302\322\203\225\246  
\146\247\236\045\017\351\013\063\221\145\012\132\303\331\124\022  
\335\257\303\116\016\037\046\136\015\334\263\215\354\325\201\160  
\336\322\117\044\005\363\154\116\365\114\111\146\215\321\377\322  
\013\045\101\110\376\121\204\306\102\257\200\004\317\320\176\144  
\111\344\362\337\242\354\261\114\300\052\035\347\264\261\145\242  
\304\274\361\230\364\252\160\007\143\264\270\332\073\114\372\100  
\042\060\133\021\246\360\005\016\306\002\003\110\253\206\233\205  
\335\333\335\352\242\166\200\163\175\365\234\004\304\105\215\347  
\271\034\213\236\352\327\165\321\162\261\336\165\104\347\102\175  
\342\127\153\175\334\231\274\075\203\050\352\200\223\215\305\114  
\145\301\160\201\270\070\374\103\061\262\366\003\064\107\262\254  
\373\042\006\313\036\335\027\107\034\137\146\271\323\032\242\332  
\021\261\244\274\043\311\344\276\207\377\271\224\266\370\135\040  
\112\324\137\347\275\150\173\145\362\025\036\322\072\251\055\351  
\330\153\044\254\227\130\104\107\255\131\030\361\041\145\160\336  
\316\064\140\250\100\361\363\074\244\303\050\043\214\376\047\063  
\103\100\240\027\074\353\352\073\260\162\246\243\271\112\113\136  
\026\110\364\262\274\310\214\222\305\235\237\254\162\066\274\064  
\200\064\153\251\213\222\300\270\027\355\354\166\123\365\044\001  
\214\263\042\350\113\174\125\306\235\372\243\024\273\145\205\156  
\156\117\022\176\012\074\235\225

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Serial Number:53:ec:3b:ee:fb:b2:48:5f

# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES

# Not Valid Before: Wed May 20 08:38:15 2009

# Not Valid After : Tue Dec 31 08:38:15 2030

# Fingerprint (MD5): 73:3A:74:7A:EC:BB:A3:96:A6:C2:E4:E2:C8:9B:C0:C3

# Fingerprint (SHA1): AE:C5:FB:3F:C8:E1:BF:C4:E5:4F:03:07:5A:9A:E8:00:B7:F7:B6:FA

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"

CKA\_CERT\_SHA1\_HASH MULTILINE OCTAL



\256\305\373\077\310\341\277\304\345\117\003\007\132\232\350\000

\267\367\266\372

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\163\072\164\172\354\273\243\226\246\302\344\342\310\233\300\303

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\102\060\100\006\003\125\004\003\014\071\101\165\164\157\162\151

\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141

\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163

\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064

\060\066\070

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\123\354\073\356\373\262\110\137

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Izenpe.com"

#

# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES

# Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d

# Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES

# Not Valid Before: Thu Dec 13 13:08:28 2007

# Not Valid After : Sun Dec 13 08:27:25 2037

# Fingerprint (MD5): A6:B0:CD:85:80:DA:5C:50:34:A3:39:90:2F:55:67:73

# Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Izenpe.com"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105

\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012

\111\172\145\156\160\145\056\143\157\155

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105

\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012  
\111\172\145\156\160\145\056\143\157\155

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031  
\346\175

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\361\060\202\003\331\240\003\002\001\002\002\020\000  
\260\267\132\026\110\137\277\341\313\365\213\327\031\346\175\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\070  
\061\013\060\011\006\003\125\004\006\023\002\105\123\061\024\060  
\022\006\003\125\004\012\014\013\111\132\105\116\120\105\040\123  
\056\101\056\061\023\060\021\006\003\125\004\003\014\012\111\172  
\145\156\160\145\056\143\157\155\060\036\027\015\060\067\061\062  
\061\063\061\063\060\070\062\070\132\027\015\063\067\061\062\061  
\063\060\070\062\067\062\065\132\060\070\061\013\060\011\006\003  
\125\004\006\023\002\105\123\061\024\060\022\006\003\125\004\012  
\014\013\111\132\105\116\120\105\040\123\056\101\056\061\023\060  
\021\006\003\125\004\003\014\012\111\172\145\156\160\145\056\143  
\157\155\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\311\323\172\312\017\036\254\247\206\350\026\145\152  
\261\302\033\105\062\161\225\331\376\020\133\314\257\347\245\171  
\001\217\211\303\312\362\125\161\367\167\276\167\224\363\162\244  
\054\104\330\236\222\233\024\072\241\347\044\220\012\012\126\216  
\305\330\046\224\341\331\110\341\055\076\332\012\162\335\243\231  
\025\332\201\242\207\364\173\156\046\167\211\130\255\326\353\014  
\262\101\172\163\156\155\333\172\170\101\351\010\210\022\176\207  
\056\146\021\143\154\124\373\074\235\162\300\274\056\377\302\267  
\335\015\166\343\072\327\367\264\150\276\242\365\343\201\156\301  
\106\157\135\215\340\115\306\124\125\211\032\063\061\012\261\127  
\271\243\212\230\303\354\073\064\305\225\101\151\176\165\302\074  
\040\305\141\272\121\107\240\040\220\223\241\220\113\363\116\174  
\205\105\124\232\321\005\046\101\260\265\115\035\063\276\304\003  
\310\045\174\301\160\333\073\364\011\055\124\047\110\254\057\341  
\304\254\076\310\313\222\114\123\071\067\043\354\323\001\371\340  
\011\104\115\115\144\300\341\015\132\207\042\274\255\033\243\376  
\046\265\025\363\247\374\204\031\351\354\241\210\264\104\151\204  
\203\363\211\321\164\006\251\314\013\326\302\336\047\205\120\046  
\312\027\270\311\172\207\126\054\032\001\036\154\276\023\255\020  
\254\265\044\365\070\221\241\326\113\332\361\273\322\336\107\265  
\361\274\201\366\131\153\317\031\123\351\215\025\313\112\313\251  
\157\104\345\033\101\317\341\206\247\312\320\152\237\274\114\215  
\006\063\132\242\205\345\220\065\240\142\134\026\116\360\343\242  
\372\003\032\264\054\161\263\130\054\336\173\013\333\032\017\353  
\336\041\037\006\167\006\003\260\311\357\231\374\300\271\117\013  
\206\050\376\322\271\352\343\332\245\303\107\151\022\340\333\360

\366\031\213\355\173\160\327\002\326\355\207\030\050\054\004\044  
\114\167\344\110\212\032\306\073\232\324\017\312\372\165\322\001  
\100\132\215\171\277\213\317\113\317\252\026\301\225\344\255\114  
\212\076\027\221\324\261\142\345\202\345\200\004\244\003\176\215  
\277\332\177\242\017\227\117\014\323\015\373\327\321\345\162\176  
\034\310\167\377\133\232\017\267\256\005\106\345\361\250\026\354  
\107\244\027\002\003\001\000\001\243\201\366\060\201\363\060\201  
\260\006\003\125\035\021\004\201\250\060\201\245\201\017\151\156  
\146\157\100\151\172\145\156\160\145\056\143\157\155\244\201\221  
\060\201\216\061\107\060\105\006\003\125\004\012\014\076\111\132  
\105\116\120\105\040\123\056\101\056\040\055\040\103\111\106\040  
\101\060\061\063\063\067\062\066\060\055\122\115\145\162\143\056  
\126\151\164\157\162\151\141\055\107\141\163\164\145\151\172\040  
\124\061\060\065\065\040\106\066\062\040\123\070\061\103\060\101  
\006\003\125\004\011\014\072\101\166\144\141\040\144\145\154\040  
\115\145\144\151\164\145\162\162\141\156\145\157\040\105\164\157  
\162\142\151\144\145\141\040\061\064\040\055\040\060\061\060\061  
\060\040\126\151\164\157\162\151\141\055\107\141\163\164\145\151  
\172\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\035\006\003\125\035\016\004\026\004\024\035\034\145  
\016\250\362\045\173\264\221\317\344\261\261\346\275\125\164\154  
\005\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000  
\003\202\002\001\000\170\246\014\026\112\237\114\210\072\300\313  
\016\245\026\175\237\271\110\137\030\217\015\142\066\366\315\031  
\153\254\253\325\366\221\175\256\161\363\077\263\016\170\205\233  
\225\244\047\041\107\102\112\174\110\072\365\105\174\263\014\216  
\121\170\254\225\023\336\306\375\175\270\032\220\114\253\222\003  
\307\355\102\001\316\017\330\261\372\242\222\341\140\155\256\172  
\153\011\252\306\051\356\150\111\147\060\200\044\172\061\026\071  
\133\176\361\034\056\335\154\011\255\362\061\301\202\116\271\273  
\371\276\277\052\205\077\300\100\243\072\131\374\131\113\074\050  
\044\333\264\025\165\256\015\210\272\056\163\300\275\130\207\345  
\102\362\353\136\356\036\060\042\231\313\067\321\304\041\154\201  
\354\276\155\046\346\034\344\102\040\236\107\260\254\203\131\160  
\054\065\326\257\066\064\264\315\073\370\062\250\357\343\170\211  
\373\215\105\054\332\234\270\176\100\034\141\347\076\242\222\054  
\113\362\315\372\230\266\051\377\363\362\173\251\037\056\240\223  
\127\053\336\205\003\371\151\067\313\236\170\152\005\264\305\061  
\170\211\354\172\247\205\341\271\173\074\336\276\036\171\204\316  
\237\160\016\131\302\065\056\220\052\061\331\344\105\172\101\244  
\056\023\233\064\016\146\173\111\253\144\227\320\106\303\171\235  
\162\120\143\246\230\133\006\275\110\155\330\071\203\160\350\065  
\360\005\321\252\274\343\333\310\002\352\174\375\202\332\302\133  
\122\065\256\230\072\255\272\065\223\043\247\037\110\335\065\106  
\230\262\020\150\344\245\061\302\012\130\056\031\201\020\311\120  
\165\374\352\132\026\316\021\327\356\357\120\210\055\141\377\077  
\102\163\005\224\103\325\216\074\116\001\072\031\245\037\106\116

```
\167\320\135\345\201\042\041\207\376\224\175\204\330\223\255\326
\150\103\110\262\333\353\163\044\347\221\177\124\244\266\200\076
\235\243\074\114\162\302\127\304\240\324\314\070\047\316\325\006
\236\242\110\331\351\237\316\202\160\066\223\232\073\337\226\041
\343\131\267\014\332\221\067\360\375\131\132\263\231\310\151\154
\103\046\001\065\143\140\125\211\003\072\165\330\272\112\331\124
\377\356\336\200\330\055\321\070\325\136\055\013\230\175\076\154
\333\374\046\210\307
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Izenpe.com"
```

```
# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES
```

```
# Serial Number:00:b0:b7:5a:16:48:5f:bf:e1:cb:f5:8b:d7:19:e6:7d
```

```
# Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES
```

```
# Not Valid Before: Thu Dec 13 13:08:28 2007
```

```
# Not Valid After : Sun Dec 13 08:27:25 2037
```

```
# Fingerprint (MD5): A6:B0:CD:85:80:DA:5C:50:34:A3:39:90:2F:55:67:73
```

```
# Fingerprint (SHA1): 2F:78:3D:25:52:18:A7:4A:65:39:71:B5:2C:A2:9C:45:15:6F:E9:19
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Izenpe.com"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\057\170\075\045\122\030\247\112\145\071\161\265\054\242\234\105
\025\157\351\031
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\246\260\315\205\200\332\134\120\064\243\071\220\057\125\147\163
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031
\346\175
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Chambers of Commerce Root - 2008"
#
# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Serial Number:00:a3:da:42:7e:a4:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After : Sat Jul 31 12:29:50 2038
# Fingerprint (MD5): 5E:80:9E:84:5A:0E:65:0B:17:02:F3:55:18:2A:3E:D7
# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\051\060\047\006\003\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

\002\011\000\243\332\102\176\244\261\256\332

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\007\117\060\202\005\067\240\003\002\001\002\002\011\000  
\243\332\102\176\244\261\256\332\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\060\201\256\061\013\060\011\006\003  
\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004\007  
\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165  
\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141\164  
\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141\056  
\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020  
\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070\067  
\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103\141  
\155\145\162\146\151\162\155\141\040\123\056\101\056\061\051\060  
\047\006\003\125\004\003\023\040\103\150\141\155\142\145\162\163  
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157  
\164\040\055\040\062\060\060\070\060\036\027\015\060\070\060\070  
\060\061\061\062\062\071\065\060\132\027\015\063\070\060\067\063  
\061\061\062\062\071\065\060\132\060\201\256\061\013\060\011\006  
\003\125\004\006\023\002\105\125\061\103\060\101\006\003\125\004  
\007\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143  
\165\162\162\145\156\164\040\141\144\144\162\145\163\163\040\141  
\164\040\167\167\167\056\143\141\155\145\162\146\151\162\155\141  
\056\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060  
\020\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070  
\067\061\033\060\031\006\003\125\004\012\023\022\101\103\040\103  
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CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Chambers of Commerce Root - 2008"

# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid  
(see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Serial Number:00:a3:da:42:7e:a4:b1:ae:da

# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid  
(see current address at [www.camerfirma.com/address](http://www.camerfirma.com/address)),C=EU

# Not Valid Before: Fri Aug 01 12:29:50 2008

# Not Valid After : Sat Jul 31 12:29:50 2038

# Fingerprint (MD5): 5E:80:9E:84:5A:0E:65:0B:17:02:F3:55:18:2A:3E:D7

# Fingerprint (SHA1): 78:6A:74:AC:76:AB:14:7F:9C:6A:30:50:BA:9E:A8:7E:FE:9A:CE:3C

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Chambers of Commerce Root - 2008"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

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\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
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CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Global Chambersign Root - 2008"
#
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see
current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
# Fingerprint (MD5): 9E:80:FF:78:01:0C:2E:C1:36:BD:FE:96:90:6E:08:F3
# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
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CKA\_ID UTF8 "0"

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\331\060\201\326\200\024\271\011\312\234\036\333\323\154\072\153  
\256\355\124\361\133\223\006\065\056\136\241\201\262\244\201\257  
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125  
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151

\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141  
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141  
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144  
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011  
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125  
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155  
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023  
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163  
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070\202  
\011\000\311\315\323\351\325\175\043\316\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\075\006\003\125\035  
\040\004\066\060\064\060\062\006\004\125\035\040\000\060\052\060  
\050\006\010\053\006\001\005\005\007\002\001\026\034\150\164\164  
\160\072\057\057\160\157\154\151\143\171\056\143\141\155\145\162  
\146\151\162\155\141\056\143\157\155\060\015\006\011\052\206\110  
\206\367\015\001\001\005\005\000\003\202\002\001\000\200\210\177  
\160\336\222\050\331\005\224\106\377\220\127\251\361\057\337\032  
\015\153\372\174\016\034\111\044\171\047\330\106\252\157\051\131  
\122\210\160\022\352\335\075\365\233\123\124\157\341\140\242\250  
\011\271\354\353\131\174\306\065\361\334\030\351\361\147\345\257  
\272\105\340\011\336\312\104\017\302\027\016\167\221\105\172\063  
\137\137\226\054\150\213\301\107\217\230\233\075\300\354\313\365  
\325\202\222\204\065\321\276\066\070\126\162\061\133\107\055\252  
\027\244\143\121\353\012\001\255\177\354\165\236\313\241\037\361  
\177\022\261\271\344\144\177\147\326\043\052\364\270\071\135\230  
\350\041\247\341\275\075\102\032\164\232\160\257\150\154\120\135  
\111\317\377\373\016\135\346\054\107\327\201\072\131\000\265\163  
\153\143\040\366\061\105\010\071\016\364\160\176\100\160\132\077  
\320\153\102\251\164\075\050\057\002\155\165\162\225\011\215\110  
\143\306\306\043\127\222\223\136\065\301\215\371\012\367\054\235  
\142\034\366\255\174\335\246\061\036\266\261\307\176\205\046\372  
\244\152\265\332\143\060\321\357\223\067\262\146\057\175\005\367  
\347\267\113\230\224\065\300\331\072\051\301\235\262\120\063\035  
\112\251\132\246\311\003\357\355\364\347\250\156\212\264\127\204  
\353\244\077\320\356\252\252\207\133\143\350\223\342\153\250\324  
\270\162\170\153\033\355\071\344\135\313\233\252\207\325\117\116  
\000\376\331\152\237\074\061\017\050\002\001\175\230\350\247\260  
\242\144\236\171\370\110\362\025\251\314\346\310\104\353\077\170  
\231\362\173\161\076\074\361\230\247\305\030\022\077\346\273\050  
\063\102\351\105\012\174\155\362\206\171\057\305\202\031\175\011  
\211\174\262\124\166\210\256\336\301\363\314\341\156\333\061\326  
\223\256\231\240\357\045\152\163\230\211\133\072\056\023\210\036  
\277\300\222\224\064\033\343\047\267\213\036\157\102\377\347\351  
\067\233\120\035\055\242\371\002\356\313\130\130\072\161\274\150  
\343\252\301\257\034\050\037\242\334\043\145\077\201\352\256\231  
\323\330\060\317\023\015\117\025\311\204\274\247\110\055\370\060  
\043\167\330\106\113\171\155\366\214\355\072\177\140\021\170\364  
\351\233\256\325\124\300\164\200\321\013\102\237\301

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Global Chambersign Root - 2008"
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see
current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
# Fingerprint (MD5): 9E:80:FF:78:01:0C:2E:C1:36:BD:FE:96:90:6E:08:F3
# Fingerprint (SHA1): 4A:BD:EE:EC:95:0D:35:9C:89:AE:C7:52:A1:2C:5B:29:F6:D6:AA:0C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\112\275\356\354\225\015\065\234\211\256\307\122\241\054\133\051
\366\326\252\014
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\236\200\377\170\001\014\056\301\066\275\376\226\220\156\010\363
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\254\061\013\060\011\006\003\125\004\006\023\002\105\125
\061\103\060\101\006\003\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\101\056\061\047\060\045\006\003\125\004\003\023
\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163
\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\311\315\323\351\325\175\043\316
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

```
#
# Certificate "Go Daddy Root Certificate Authority - G2"
#
# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): 80:3A:BC:22:C1:E6:FB:8D:9B:3B:27:4A:32:1B:9A:01
# Fingerprint (SHA1): 47:BE:AB:C9:22:EA:E8:0E:78:78:34:62:A7:9F:45:C2:54:FD:E6:8B
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\305\060\202\002\255\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156
```

\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012\023  
\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111\156  
\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157\040  
\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\062\060\036\027\015\060\071\060\071\060\061\060  
\060\060\060\060\060\132\027\015\063\067\061\062\063\061\062\063  
\065\071\065\071\132\060\201\203\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\020\060\016\006\003\125\004\010\023\007  
\101\162\151\172\157\156\141\061\023\060\021\006\003\125\004\007  
\023\012\123\143\157\164\164\163\144\141\154\145\061\032\060\030  
\006\003\125\004\012\023\021\107\157\104\141\144\144\171\056\143  
\157\155\054\040\111\156\143\056\061\061\060\057\006\003\125\004  
\003\023\050\107\157\040\104\141\144\144\171\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062\060\202\001\042\060  
\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202  
\001\017\000\060\202\001\012\002\202\001\001\000\277\161\142\010  
\361\372\131\064\367\033\311\030\243\367\200\111\130\351\042\203  
\023\246\305\040\103\001\073\204\361\346\205\111\237\047\352\366  
\204\033\116\240\264\333\160\230\307\062\001\261\005\076\007\116  
\356\364\372\117\057\131\060\042\347\253\031\126\153\342\200\007  
\374\363\026\165\200\071\121\173\345\371\065\266\164\116\251\215  
\202\023\344\266\077\251\003\203\372\242\276\212\025\152\177\336  
\013\303\266\031\024\005\312\352\303\250\004\224\073\106\174\062  
\015\363\000\146\042\310\215\151\155\066\214\021\030\267\323\262  
\034\140\264\070\372\002\214\316\323\335\106\007\336\012\076\353  
\135\174\310\174\373\260\053\123\244\222\142\151\121\045\005\141  
\032\104\201\214\054\251\103\226\043\337\254\072\201\232\016\051  
\305\034\251\351\135\036\266\236\236\060\012\071\316\361\210\200  
\373\113\135\314\062\354\205\142\103\045\064\002\126\047\001\221  
\264\073\160\052\077\156\261\350\234\210\001\175\237\324\371\333  
\123\155\140\235\277\054\347\130\253\270\137\106\374\316\304\033  
\003\074\011\353\111\061\134\151\106\263\340\107\002\003\001\000  
\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\072\232\205\007\020\147\050\266\357\366\275\005\101\156\040  
\301\224\332\017\336\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\231\333\135\171\325\371\227  
\131\147\003\141\361\176\073\006\061\165\055\241\040\216\117\145  
\207\264\367\246\234\274\330\351\057\320\333\132\356\317\164\214  
\163\264\070\102\332\005\173\370\002\165\270\375\245\261\327\256  
\366\327\336\023\313\123\020\176\212\106\321\227\372\267\056\053  
\021\253\220\260\047\200\371\350\237\132\351\067\237\253\344\337  
\154\263\205\027\235\075\331\044\117\171\221\065\326\137\004\353  
\200\203\253\232\002\055\265\020\364\330\220\307\004\163\100\355

```
\162\045\240\251\237\354\236\253\150\022\231\127\306\217\022\072
\011\244\275\104\375\006\025\067\301\233\344\062\243\355\070\350
\330\144\363\054\176\024\374\002\352\237\315\377\007\150\027\333
\042\220\070\055\172\215\321\124\361\151\343\137\063\312\172\075
\173\012\343\312\177\137\071\345\342\165\272\305\166\030\063\316
\054\360\057\114\255\367\261\347\316\117\250\304\233\112\124\006
\305\177\175\325\010\017\342\034\376\176\027\270\254\136\366\324
\026\262\103\011\014\115\366\247\153\264\231\204\145\312\172\210
\342\342\104\276\134\367\352\034\365
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Go Daddy Root Certificate Authority - G2"

# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US

# Serial Number: 0 (0x0)

# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US

# Not Valid Before: Tue Sep 01 00:00:00 2009

# Not Valid After : Thu Dec 31 23:59:59 2037

# Fingerprint (MD5): 80:3A:BC:22:C1:E6:FB:8D:9B:3B:27:4A:32:1B:9A:01

# Fingerprint (SHA1): 47:BE:AB:C9:22:EA:E8:0E:78:78:34:62:A7:9F:45:C2:54:FD:E6:8B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\107\276\253\311\042\352\350\016\170\170\064\142\247\237\105\302
\124\375\346\213
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\200\072\274\042\301\346\373\215\233\073\047\112\062\033\232\001
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\107\157\104\141\144\144\171\056\143\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\040\055\040\107\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\000
```



```
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Starfield Root Certificate Authority - G2"
#
# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,
Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
# Fingerprint (MD5): D6:39:81:C6:52:7E:96:69:FC:FC:CA:66:ED:05:F2:96
# Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
```

```
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
```

```
END
```

```
CKA_ID UTF8 "0"
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\335\060\202\002\305\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023  
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156  
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062\060  
\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145\154  
\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062\060\036\027\015\060\071\060\071\060\061\060\060\060\060\060  
\060\132\027\015\063\067\061\062\063\061\062\063\065\071\065\071  
\132\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172  
\157\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143  
\157\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004  
\012\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143  
\150\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061  
\062\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151  
\145\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055  
\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206\367  
\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002  
\202\001\001\000\275\355\301\003\374\366\217\374\002\261\157\133  
\237\110\331\235\171\342\242\267\003\141\126\030\303\107\266\327  
\312\075\065\056\211\103\367\241\151\233\336\212\032\375\023\040  
\234\264\111\167\062\051\126\375\271\354\214\335\042\372\162\334  
\047\141\227\356\366\132\204\354\156\031\271\211\054\334\204\133  
\325\164\373\153\137\305\211\245\020\122\211\106\125\364\270\165  
\034\346\177\344\124\256\113\370\125\162\127\002\031\370\027\161  
\131\353\036\050\007\164\305\235\110\276\154\264\364\244\260\363  
\144\067\171\222\300\354\106\136\177\341\155\123\114\142\257\315  
\037\013\143\273\072\235\373\374\171\000\230\141\164\317\046\202  
\100\143\363\262\162\152\031\015\231\312\324\016\165\314\067\373  
\213\211\301\131\361\142\177\137\263\137\145\060\370\247\267\115  
\166\132\036\166\136\064\300\350\226\126\231\212\263\360\177\244  
\315\275\334\062\061\174\221\317\340\137\021\370\153\252\111\134  
\321\231\224\321\242\343\143\133\011\166\265\126\142\341\113\164  
\035\226\324\046\324\010\004\131\320\230\016\016\346\336\374\303  
\354\037\220\361\002\003\001\000\001\243\102\060\100\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035

\006\003\125\035\016\004\026\004\024\174\014\062\037\247\331\060  
\177\304\175\150\243\142\250\241\316\253\007\133\047\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001  
\000\021\131\372\045\117\003\157\224\231\073\232\037\202\205\071  
\324\166\005\224\136\341\050\223\155\142\135\011\302\240\250\324  
\260\165\070\361\064\152\235\344\237\212\206\046\121\346\054\321  
\306\055\156\225\040\112\222\001\354\270\212\147\173\061\342\147  
\056\214\225\003\046\056\103\235\112\061\366\016\265\014\273\267  
\342\067\177\042\272\000\243\016\173\122\373\153\273\073\304\323  
\171\121\116\315\220\364\147\007\031\310\074\106\172\015\001\175  
\305\130\347\155\346\205\060\027\232\044\304\020\340\004\367\340  
\362\177\324\252\012\377\102\035\067\355\224\345\144\131\022\040  
\167\070\323\062\076\070\201\165\226\163\372\150\217\261\313\316  
\037\305\354\372\234\176\317\176\261\361\007\055\266\374\277\312  
\244\277\320\227\005\112\274\352\030\050\002\220\275\124\170\011  
\041\161\323\321\175\035\331\026\260\251\141\075\320\012\000\042  
\374\307\173\313\011\144\105\013\073\100\201\367\175\174\062\365  
\230\312\130\216\175\052\356\220\131\163\144\371\066\164\136\045  
\241\365\146\005\056\177\071\025\251\052\373\120\213\216\205\151  
\364

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Starfield Root Certificate Authority - G2"  
# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US  
# Serial Number: 0 (0x0)  
# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies,  
Inc.",L=Scottsdale,ST=Arizona,C=US  
# Not Valid Before: Tue Sep 01 00:00:00 2009  
# Not Valid After : Thu Dec 31 23:59:59 2037  
# Fingerprint (MD5): D6:39:81:C6:52:7E:96:69:FC:FC:CA:66:ED:05:F2:96  
# Fingerprint (SHA1): B5:1C:06:7C:EE:2B:0C:3D:F8:55:AB:2D:92:F4:FE:39:D4:E7:0F:0E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Starfield Root Certificate Authority - G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071  
\324\347\017\016

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\326\071\201\306\122\176\226\151\374\374\312\146\355\005\362\226

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\217\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\062
\060\060\006\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\122\157\157\164\040\103\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\001\000
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Starfield Services Root Certificate Authority - G2"

#

# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US

# Serial Number: 0 (0x0)

# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US

# Not Valid Before: Tue Sep 01 00:00:00 2009

# Not Valid After : Thu Dec 31 23:59:59 2037

# Fingerprint (MD5): 17:35:74:AF:7B:61:1C:EB:F4:F9:3C:E2:EE:40:F9:A2

# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157  
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157  
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012  
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150  
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073  
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145  
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\357\060\202\002\327\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156  
\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157\164  
\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012\023  
\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150\156  
\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073\060  
\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145\154  
\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164\040  
\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150  
\157\162\151\164\171\040\055\040\107\062\060\036\027\015\060\071  
\060\071\060\061\060\060\060\060\060\060\132\027\015\063\067\061  
\062\063\061\062\063\065\071\065\071\132\060\201\230\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\020\060\016\006\003  
\125\004\010\023\007\101\162\151\172\157\156\141\061\023\060\021  
\006\003\125\004\007\023\012\123\143\157\164\164\163\144\141\154  
\145\061\045\060\043\006\003\125\004\012\023\034\123\164\141\162  
\146\151\145\154\144\040\124\145\143\150\156\157\154\157\147\151  
\145\163\054\040\111\156\143\056\061\073\060\071\006\003\125\004  
\003\023\062\123\164\141\162\146\151\145\154\144\040\123\145\162  
\166\151\143\145\163\040\122\157\157\164\040\103\145\162\164\151  
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\325\014\072\304\052\371\116\342\365\276  
\031\227\137\216\210\123\261\037\077\313\317\237\040\023\155\051  
\072\310\017\175\074\367\153\166\070\143\331\066\140\250\233\136  
\134\000\200\262\057\131\177\366\207\371\045\103\206\347\151\033  
\122\232\220\341\161\343\330\055\015\116\157\366\310\111\331\266

\363\032\126\256\053\266\164\024\353\317\373\046\343\032\272\035  
\226\056\152\073\130\224\211\107\126\377\045\240\223\160\123\203  
\332\204\164\024\303\147\236\004\150\072\337\216\100\132\035\112  
\116\317\103\221\073\347\126\326\000\160\313\122\356\173\175\256  
\072\347\274\061\371\105\366\302\140\317\023\131\002\053\200\314  
\064\107\337\271\336\220\145\155\002\317\054\221\246\246\347\336  
\205\030\111\174\146\116\243\072\155\251\265\356\064\056\272\015  
\003\270\063\337\107\353\261\153\215\045\331\233\316\201\321\105  
\106\062\226\160\207\336\002\016\111\103\205\266\154\163\273\144  
\352\141\101\254\311\324\124\337\207\057\307\042\262\046\314\237  
\131\124\150\237\374\276\052\057\304\125\034\165\100\140\027\205  
\002\125\071\213\177\005\002\003\001\000\001\243\102\060\100\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\035\006\003\125\035\016\004\026\004\024\234\137\000\337\252  
\001\327\060\053\070\210\242\270\155\112\234\362\021\221\203\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\001\001\000\113\066\246\204\167\151\335\073\031\237\147\043\010  
\157\016\141\311\375\204\334\137\330\066\201\315\330\033\101\055  
\237\140\335\307\032\150\331\321\156\206\341\210\043\317\023\336  
\103\317\342\064\263\004\235\037\051\325\277\370\136\310\325\301  
\275\356\222\157\062\164\362\221\202\057\275\202\102\172\255\052  
\267\040\175\115\274\172\125\022\302\025\352\275\367\152\225\056  
\154\164\237\317\034\264\362\305\001\243\205\320\162\076\255\163  
\253\013\233\165\014\155\105\267\216\224\254\226\067\265\240\320  
\217\025\107\016\343\350\203\335\217\375\357\101\001\167\314\047  
\251\142\205\063\362\067\010\357\161\317\167\006\336\310\031\035  
\210\100\317\175\106\035\377\036\307\341\316\377\043\333\306\372  
\215\125\116\251\002\347\107\021\106\076\364\375\275\173\051\046  
\273\251\141\142\067\050\266\055\052\366\020\206\144\311\160\247  
\322\255\267\051\160\171\352\074\332\143\045\237\375\150\267\060  
\354\160\373\165\212\267\155\140\147\262\036\310\271\351\330\250  
\157\002\213\147\015\115\046\127\161\332\040\374\301\112\120\215  
\261\050\272

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Starfield Services Root Certificate Authority - G2"

# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US

# Serial Number: 0 (0x0)

# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US

# Not Valid Before: Tue Sep 01 00:00:00 2009

# Not Valid After : Thu Dec 31 23:59:59 2037

# Fingerprint (MD5): 17:35:74:AF:7B:61:1C:EB:F4:F9:3C:E2:EE:40:F9:A2

```

# Fingerprint (SHA1): 92:5A:8F:8D:2C:6D:04:E0:66:5F:59:6A:FF:22:D8:63:E8:25:6F:3F
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\222\132\217\215\054\155\004\340\146\137\131\152\377\042\330\143
\350\045\157\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\027\065\164\257\173\141\034\353\364\371\074\342\356\100\371\242
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\230\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\111\156\143\056\061\073
\060\071\006\003\125\004\003\023\062\123\164\141\162\146\151\145
\154\144\040\123\145\162\166\151\143\145\163\040\122\157\157\164
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\040\055\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Commercial"
#
# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
# Not Valid After : Tue Dec 31 14:06:06 2030
# Fingerprint (MD5): 82:92:BA:5B:EF:CD:8A:6F:A6:3D:55:F9:84:F6:D6:B7
# Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Commercial"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155  
\145\162\143\151\141\154

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155  
\145\162\143\151\141\154

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\167\167\006\047\046\251\261\174

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\167  
\167\006\047\046\251\261\174\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\104\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013  
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006  
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163  
\164\040\103\157\155\155\145\162\143\151\141\154\060\036\027\015  
\061\060\060\061\062\071\061\064\060\066\060\066\132\027\015\063  
\060\061\062\063\061\061\064\060\066\060\066\132\060\104\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006  
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163  
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151  
\162\155\124\162\165\163\164\040\103\157\155\155\145\162\143\151  
\141\154\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\366\033\117\147\007\053\241\025\365\006\042\313\037  
\001\262\343\163\105\006\104\111\054\273\111\045\024\326\316\303  
\267\253\054\117\306\101\062\224\127\372\022\247\133\016\342\217  
\037\036\206\031\247\252\265\055\271\137\015\212\302\257\205\065  
\171\062\055\273\034\142\067\362\261\133\112\075\312\315\161\137  
\351\102\276\224\350\310\336\371\042\110\144\306\345\253\306\053  
\155\255\005\360\372\325\013\317\232\345\360\120\244\213\073\107  
\245\043\133\172\172\370\063\077\270\357\231\227\343\040\301\326  
\050\211\317\224\373\271\105\355\343\100\027\021\324\164\360\013  
\061\342\053\046\152\233\114\127\256\254\040\076\272\105\172\005  
\363\275\233\151\025\256\175\116\040\143\304\065\166\072\007\002  
\311\067\375\307\107\356\350\361\166\035\163\025\362\227\244\265  
\310\172\171\331\102\252\053\177\134\376\316\046\117\243\146\201



```
\065\257\104\272\124\036\034\060\062\145\235\346\074\223\136\120
\116\172\343\072\324\156\314\032\373\371\322\067\256\044\052\253
\127\003\042\050\015\111\165\177\267\050\332\165\277\216\343\334
\016\171\061\002\003\001\000\001\243\102\060\100\060\035\006\003
\125\035\016\004\026\004\024\235\223\306\123\213\136\312\257\077
\237\036\017\345\231\225\274\044\366\224\217\060\017\006\003\125
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011
\052\206\110\206\367\015\001\001\013\005\000\003\202\001\001\000
\130\254\364\004\016\315\300\015\377\012\375\324\272\026\137\051
\275\173\150\231\130\111\322\264\035\067\115\177\047\175\106\006
\135\103\306\206\056\076\163\262\046\175\117\223\251\266\304\052
\232\253\041\227\024\261\336\214\323\253\211\025\330\153\044\324
\361\026\256\330\244\134\324\177\121\216\355\030\001\261\223\143
\275\274\370\141\200\232\236\261\316\102\160\342\251\175\006\045
\175\047\241\376\157\354\263\036\044\332\343\113\125\032\000\073
\065\264\073\331\327\135\060\375\201\023\211\362\302\006\053\355
\147\304\216\311\103\262\134\153\025\211\002\274\142\374\116\362
\265\063\252\262\157\323\012\242\120\343\366\073\350\056\104\302
\333\146\070\251\063\126\110\361\155\033\063\215\015\214\077\140
\067\235\323\312\155\176\064\176\015\237\162\166\213\033\237\162
\375\122\065\101\105\002\226\057\034\262\232\163\111\041\261\111
\107\105\107\264\357\152\064\021\311\115\232\314\131\267\326\002
\236\132\116\145\265\224\256\033\337\051\260\026\361\277\000\236
\007\072\027\144\265\004\265\043\041\231\012\225\073\227\174\357
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "AffirmTrust Commercial"
# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
# Not Valid After : Tue Dec 31 14:06:06 2030
# Fingerprint (MD5): 82:92:BA:5B:EF:CD:8A:6F:A6:3D:55:F9:84:F6:D6:B7
# Fingerprint (SHA1): F9:B5:B6:32:45:5F:9C:BE:EC:57:5F:80:DC:E9:6E:2C:C7:B2:78:B7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Commercial"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\371\265\266\062\105\137\234\276\354\127\137\200\334\351\156\054
\307\262\170\267
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\202\222\272\133\357\315\212\157\246\075\125\371\204\366\326\267

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155  
\145\162\143\151\141\154

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\167\167\006\047\046\251\261\174

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "AffirmTrust Networking"

#

# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US

# Serial Number:7c:4f:04:39:1c:d4:99:2d

# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:08:24 2010

# Not Valid After : Tue Dec 31 14:08:24 2030

# Fingerprint (MD5): 42:65:CA:BE:01:9A:9A:4C:A9:8C:41:49:CD:C0:D5:7F

# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AffirmTrust Networking"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167  
\157\162\153\151\156\147

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026  
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167  
\157\162\153\151\156\147

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\174\117\004\071\034\324\231\055

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\114\060\202\002\064\240\003\002\001\002\002\010\174  
\117\004\071\034\324\231\055\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\060\104\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013  
\101\146\146\151\162\155\124\162\165\163\164\061\037\060\035\006  
\003\125\004\003\014\026\101\146\146\151\162\155\124\162\165\163  
\164\040\116\145\164\167\157\162\153\151\156\147\060\036\027\015  
\061\060\060\061\062\071\061\064\060\070\062\064\132\027\015\063  
\060\061\062\063\061\061\064\060\070\062\064\132\060\104\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\024\060\022\006  
\003\125\004\012\014\013\101\146\146\151\162\155\124\162\165\163  
\164\061\037\060\035\006\003\125\004\003\014\026\101\146\146\151  
\162\155\124\162\165\163\164\040\116\145\164\167\157\162\153\151  
\156\147\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\264\204\314\063\027\056\153\224\154\153\141\122\240  
\353\243\317\171\224\114\345\224\200\231\313\125\144\104\145\217  
\147\144\342\006\343\134\067\111\366\057\233\204\204\036\055\362  
\140\235\060\116\314\204\205\342\054\317\036\236\376\066\253\063  
\167\065\104\330\065\226\032\075\066\350\172\016\330\325\107\241  
\152\151\213\331\374\273\072\256\171\132\325\364\326\161\273\232  
\220\043\153\232\267\210\164\207\014\036\137\271\236\055\372\253  
\123\053\334\273\166\076\223\114\010\010\214\036\242\043\034\324  
\152\255\042\272\231\001\056\155\145\313\276\044\146\125\044\113  
\100\104\261\033\327\341\302\205\300\336\020\077\075\355\270\374  
\361\361\043\123\334\277\145\227\157\331\371\100\161\215\175\275  
\225\324\316\276\240\136\047\043\336\375\246\320\046\016\000\051  
\353\074\106\360\075\140\277\077\120\322\334\046\101\121\236\024  
\067\102\004\243\160\127\250\033\207\355\055\372\173\356\214\012  
\343\251\146\211\031\313\101\371\335\104\066\141\317\342\167\106  
\310\175\366\364\222\201\066\375\333\064\361\162\176\363\014\026  
\275\264\025\002\003\001\000\001\243\102\060\100\060\035\006\003  
\125\035\016\004\026\004\024\007\037\322\347\234\332\302\156\242  
\100\264\260\172\120\020\120\164\304\310\275\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011  
\052\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000  
\211\127\262\026\172\250\302\375\326\331\233\233\064\302\234\264  
\062\024\115\247\244\337\354\276\247\276\370\103\333\221\067\316  
\264\062\056\120\125\032\065\116\166\103\161\040\357\223\167\116  
\025\160\056\207\303\301\035\155\334\313\265\047\324\054\126\321  
\122\123\072\104\322\163\310\304\033\005\145\132\142\222\234\356  
\101\215\061\333\347\064\352\131\041\325\001\172\327\144\270\144  
\071\315\311\355\257\355\113\003\110\247\240\231\001\200\334\145

```
\243\066\256\145\131\110\117\202\113\310\145\361\127\035\345\131
\056\012\077\154\330\321\365\345\011\264\154\124\000\012\340\025
\115\207\165\155\267\130\226\132\335\155\322\000\240\364\233\110
\276\303\067\244\272\066\340\174\207\205\227\032\025\242\336\056
\242\133\275\257\030\371\220\120\315\160\131\370\047\147\107\313
\307\240\007\072\175\321\054\135\154\031\072\146\265\175\375\221
\157\202\261\276\010\223\333\024\107\361\242\067\307\105\236\074
\307\167\257\144\250\223\337\366\151\203\202\140\362\111\102\064
\355\132\000\124\205\034\026\066\222\014\134\372\246\255\277\333
END
```

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "AffirmTrust Networking"
# Issuer: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Serial Number:7c:4f:04:39:1c:d4:99:2d
# Subject: CN=AffirmTrust Networking,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:08:24 2010
# Not Valid After : Tue Dec 31 14:08:24 2030
# Fingerprint (MD5): 42:65:CA:BE:01:9A:9A:4C:A9:8C:41:49:CD:C0:D5:7F
# Fingerprint (SHA1): 29:36:21:02:8B:20:ED:02:F5:66:C5:32:D1:D6:ED:90:9F:45:00:2F
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\051\066\041\002\213\040\355\002\365\146\305\062\321\326\355\220
\237\105\000\057
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\102\145\312\276\001\232\232\114\251\214\101\111\315\300\325\177
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END
```

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END
```

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "AffirmTrust Premium"
#
# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Serial Number:6d:8c:14:46:b1:a6:0a:ee
# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:10:36 2010
# Not Valid After : Mon Dec 31 14:10:36 2040
# Fingerprint (MD5): C4:5D:0E:48:B6:AC:28:30:4E:0A:BC:F9:38:16:87:57
# Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\155\214\024\106\261\246\012\356
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\106\060\202\003\056\240\003\002\001\002\002\010\155
\214\024\106\261\246\012\356\060\015\006\011\052\206\110\206\367
\015\001\001\014\005\000\060\101\061\013\060\011\006\003\125\004
\006\023\002\125\123\061\024\060\022\006\003\125\004\012\014\013
\101\146\146\151\162\155\124\162\165\163\164\061\034\060\032\006
\003\125\004\003\014\023\101\146\146\151\162\155\124\162\165\163
\164\040\120\162\145\155\151\165\155\060\036\027\015\061\060\060
\061\062\071\061\064\061\060\063\066\132\027\015\064\060\061\062
\063\061\061\064\061\060\063\066\132\060\101\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125\004
\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061\034
\060\032\006\003\125\004\003\014\023\101\146\146\151\162\155\124
```

\162\165\163\164\040\120\162\145\155\151\165\155\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\304\022\337  
\251\137\376\101\335\335\365\237\212\343\366\254\341\074\170\232  
\274\330\360\177\172\240\063\052\334\215\040\133\256\055\157\347  
\223\331\066\160\152\150\317\216\121\243\205\133\147\004\240\020  
\044\157\135\050\202\301\227\127\330\110\051\023\266\341\276\221  
\115\337\205\014\123\030\232\036\044\242\117\217\360\242\205\013  
\313\364\051\177\322\244\130\356\046\115\311\252\250\173\232\331  
\372\070\336\104\127\025\345\370\214\310\331\110\342\015\026\047  
\035\036\310\203\205\045\267\272\252\125\101\314\003\042\113\055  
\221\215\213\346\211\257\146\307\351\377\053\351\074\254\332\322  
\263\303\341\150\234\211\370\172\000\126\336\364\125\225\154\373  
\272\144\335\142\213\337\013\167\062\353\142\314\046\232\233\273  
\252\142\203\114\264\006\172\060\310\051\277\355\006\115\227\271  
\034\304\061\053\325\137\274\123\022\027\234\231\127\051\146\167  
\141\041\061\007\056\045\111\235\030\362\356\363\053\161\214\265  
\272\071\007\111\167\374\357\056\222\220\005\215\055\057\167\173  
\357\103\277\065\273\232\330\371\163\247\054\362\320\127\356\050  
\116\046\137\217\220\150\011\057\270\370\334\006\351\056\232\076  
\121\247\321\042\304\012\247\070\110\154\263\371\377\175\253\206  
\127\343\272\326\205\170\167\272\103\352\110\177\366\330\276\043  
\155\036\277\321\066\154\130\134\361\356\244\031\124\032\365\003  
\322\166\346\341\214\275\074\263\323\110\113\342\310\370\177\222  
\250\166\106\234\102\145\076\244\036\301\007\003\132\106\055\270  
\227\363\267\325\262\125\041\357\272\334\114\000\227\373\024\225  
\047\063\277\350\103\107\106\322\010\231\026\140\073\232\176\322  
\346\355\070\352\354\001\036\074\110\126\111\011\307\114\067\000  
\236\210\016\300\163\341\157\146\351\162\107\060\076\020\345\013  
\003\311\232\102\000\154\305\224\176\141\304\212\337\177\202\032  
\013\131\304\131\062\167\263\274\140\151\126\071\375\264\006\173  
\054\326\144\066\331\275\110\355\204\037\176\245\042\217\052\270  
\102\364\202\267\324\123\220\170\116\055\032\375\201\157\104\327  
\073\001\164\226\102\340\000\342\056\153\352\305\356\162\254\273  
\277\376\352\252\250\370\334\366\262\171\212\266\147\002\003\001  
\000\001\243\102\060\100\060\035\006\003\125\035\016\004\026\004  
\024\235\300\147\246\014\042\331\046\365\105\253\246\145\122\021  
\047\330\105\254\143\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\015\006\011\052\206\110\206\367\015  
\001\001\014\005\000\003\202\002\001\000\263\127\115\020\142\116  
\072\344\254\352\270\034\257\062\043\310\263\111\132\121\234\166  
\050\215\171\252\127\106\027\325\365\122\366\267\104\350\010\104  
\277\030\204\322\013\200\315\305\022\375\000\125\005\141\207\101  
\334\265\044\236\074\304\330\310\373\160\236\057\170\226\203\040  
\066\336\174\017\151\023\210\245\165\066\230\010\246\306\337\254  
\316\343\130\326\267\076\336\272\363\353\064\100\330\242\201\365  
\170\077\057\325\245\374\331\242\324\136\004\016\027\255\376\101

\360\345\262\162\372\104\202\063\102\350\055\130\367\126\214\142  
\077\272\102\260\234\014\134\176\056\145\046\134\123\117\000\262  
\170\176\241\015\231\055\215\270\035\216\242\304\260\375\140\320  
\060\244\216\310\004\142\251\304\355\065\336\172\227\355\016\070  
\136\222\057\223\160\245\251\234\157\247\175\023\035\176\306\010  
\110\261\136\147\353\121\010\045\351\346\045\153\122\051\221\234  
\322\071\163\010\127\336\231\006\264\133\235\020\006\341\302\000  
\250\270\034\112\002\012\024\320\301\101\312\373\214\065\041\175  
\202\070\362\251\124\221\031\065\223\224\155\152\072\305\262\320  
\273\211\206\223\350\233\311\017\072\247\172\270\241\360\170\106  
\372\374\067\057\345\212\204\363\337\376\004\331\241\150\240\057  
\044\342\011\225\006\325\225\312\341\044\226\353\174\366\223\005  
\273\355\163\351\055\321\165\071\327\347\044\333\330\116\137\103  
\217\236\320\024\071\277\125\160\110\231\127\061\264\234\356\112  
\230\003\226\060\037\140\006\356\033\043\376\201\140\043\032\107  
\142\205\245\314\031\064\200\157\263\254\032\343\237\360\173\110  
\255\325\001\331\147\266\251\162\223\352\055\146\265\262\270\344  
\075\074\262\357\114\214\352\353\007\277\253\065\232\125\206\274  
\030\246\265\250\136\264\203\154\153\151\100\323\237\334\361\303  
\151\153\271\341\155\011\364\361\252\120\166\012\172\175\172\027  
\241\125\226\102\231\061\011\335\140\021\215\005\060\176\346\216  
\106\321\235\024\332\307\027\344\005\226\214\304\044\265\033\317  
\024\007\262\100\370\243\236\101\206\274\004\320\153\226\310\052  
\200\064\375\277\357\006\243\335\130\305\205\075\076\217\376\236  
\051\340\266\270\011\150\031\034\030\103

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "AffirmTrust Premium"

# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US

# Serial Number:6d:8c:14:46:b1:a6:0a:ee

# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:10:36 2010

# Not Valid After : Mon Dec 31 14:10:36 2040

# Fingerprint (MD5): C4:5D:0E:48:B6:AC:28:30:4E:0A:BC:F9:38:16:87:57

# Fingerprint (SHA1): D8:A6:33:2C:E0:03:6F:B1:85:F6:63:4F:7D:6A:06:65:26:32:28:27

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AffirmTrust Premium"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\330\246\063\054\340\003\157\261\205\366\143\117\175\152\006\145  
\046\062\050\047

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\304\135\016\110\266\254\050\060\116\012\274\371\070\026\207\127

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\101\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\034\060\032\006\003\125\004\003\014\023  
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155  
\151\165\155

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\155\214\024\106\261\246\012\356

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "AffirmTrust Premium ECC"

#

# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

# Serial Number:74:97:25:8a:c7:3f:7a:54

# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:20:24 2010

# Not Valid After : Mon Dec 31 14:20:24 2040

# Fingerprint (MD5): 64:B0:09:55:CF:B1:D5:99:E2:BE:13:AB:A6:5D:EA:4D

# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AffirmTrust Premium ECC"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027  
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155  
\151\165\155\040\105\103\103

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155  
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027  
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155  
\151\165\155\040\105\103\103

END



CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\164\227\045\212\307\077\172\124

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\001\376\060\202\001\205\240\003\002\001\002\002\010\164  
\227\045\212\307\077\172\124\060\012\006\010\052\206\110\316\075  
\004\003\003\060\105\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\024\060\022\006\003\125\004\012\014\013\101\146\146  
\151\162\155\124\162\165\163\164\061\040\060\036\006\003\125\004  
\003\014\027\101\146\146\151\162\155\124\162\165\163\164\040\120  
\162\145\155\151\165\155\040\105\103\103\060\036\027\015\061\060  
\060\061\062\071\061\064\062\060\062\064\132\027\015\064\060\061  
\062\063\061\061\064\062\060\062\064\132\060\105\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\024\060\022\006\003\125  
\004\012\014\013\101\146\146\151\162\155\124\162\165\163\164\061  
\040\060\036\006\003\125\004\003\014\027\101\146\146\151\162\155  
\124\162\165\163\164\040\120\162\145\155\151\165\155\040\105\103  
\103\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\015\060\136\033\025\235\003  
\320\241\171\065\267\072\074\222\172\312\025\034\315\142\363\234  
\046\134\007\075\345\124\372\243\326\314\022\352\364\024\137\350  
\216\031\253\057\056\110\346\254\030\103\170\254\320\067\303\275  
\262\315\054\346\107\342\032\346\143\270\075\056\057\170\304\117  
\333\364\017\244\150\114\125\162\153\225\035\116\030\102\225\170  
\314\067\074\221\342\233\145\053\051\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\232\257\051\172\300\021\065\065  
\046\121\060\000\303\152\376\100\325\256\326\074\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\012\006  
\010\052\206\110\316\075\004\003\003\003\147\000\060\144\002\060  
\027\011\363\207\210\120\132\257\310\300\102\277\107\137\365\154  
\152\206\340\304\047\164\344\070\123\327\005\177\033\064\343\306  
\057\263\312\011\074\067\235\327\347\270\106\361\375\241\342\161  
\002\060\102\131\207\103\324\121\337\272\323\011\062\132\316\210  
\176\127\075\234\137\102\153\365\007\055\265\360\202\223\371\131  
\157\256\144\372\130\345\213\036\343\143\276\265\201\315\157\002  
\214\171

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "AffirmTrust Premium ECC"

# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

# Serial Number:74:97:25:8a:c7:3f:7a:54

# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US

# Not Valid Before: Fri Jan 29 14:20:24 2010

# Not Valid After : Mon Dec 31 14:20:24 2040

```

# Fingerprint (MD5): 64:B0:09:55:CF:B1:D5:99:E2:BE:13:AB:A6:5D:EA:4D
# Fingerprint (SHA1): B8:23:6B:00:2F:1D:16:86:53:01:55:6C:11:A4:37:CA:EB:FF:C3:BB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\043\153\000\057\035\026\206\123\001\125\154\021\244\067\312
\353\377\303\273
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\144\260\011\125\317\261\325\231\342\276\023\253\246\135\352\115
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\164\227\045\212\307\077\172\124
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certum Trusted Network CA"
#
# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Serial Number: 279744 (0x444c0)
# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Not Valid Before: Wed Oct 22 12:07:37 2008
# Not Valid After : Mon Dec 31 12:07:37 2029
# Fingerprint (MD5): D5:E9:81:40:C5:18:69:FC:46:2C:89:75:62:0F:AA:78
# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164  
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123  
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145  
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040  
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162  
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101  
END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164  
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123  
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145  
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040  
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162  
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\003\004\104\300

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\273\060\202\002\243\240\003\002\001\002\002\003\004  
\104\300\060\015\006\011\052\206\110\206\367\015\001\001\005\005  
\000\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060  
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\060\036\027\015\060\070\061\060\062\062\061\062\060\067\063  
\067\132\027\015\062\071\061\062\063\061\061\062\060\067\063\067  
\132\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060  
\040\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\343\373\175\243\162\272\302\360\311\024\207\365\153\001  
\116\341\156\100\007\272\155\047\135\177\367\133\055\263\132\307

\121\137\253\244\062\246\141\207\266\156\017\206\322\060\002\227  
\370\327\151\127\241\030\071\135\152\144\171\306\001\131\254\074  
\061\112\070\174\322\004\322\113\050\350\040\137\073\007\242\314  
\115\163\333\363\256\117\307\126\325\132\247\226\211\372\363\253  
\150\324\043\206\131\047\317\011\047\274\254\156\162\203\034\060  
\162\337\340\242\351\322\341\164\165\031\275\052\236\173\025\124  
\004\033\327\103\071\255\125\050\305\342\032\273\364\300\344\256  
\070\111\063\314\166\205\237\071\105\322\244\236\362\022\214\121  
\370\174\344\055\177\365\254\137\353\026\237\261\055\321\272\314  
\221\102\167\114\045\311\220\070\157\333\360\314\373\216\036\227  
\131\076\325\140\116\346\005\050\355\111\171\023\113\272\110\333  
\057\371\162\323\071\312\376\037\330\064\162\365\264\100\317\061  
\001\303\354\336\021\055\027\135\037\270\120\321\136\031\247\151  
\336\007\063\050\312\120\225\371\247\124\313\124\206\120\105\251  
\371\111\002\003\001\000\001\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\010\166\315\313\007\377\044\366\305  
\315\355\273\220\274\342\204\067\106\165\367\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\246  
\250\255\042\316\001\075\246\243\377\142\320\110\235\213\136\162  
\260\170\104\343\334\034\257\011\375\043\110\372\275\052\304\271  
\125\004\265\020\243\215\047\336\013\202\143\320\356\336\014\067  
\171\101\133\042\262\260\232\101\134\246\160\340\324\320\167\313  
\043\323\000\340\154\126\057\341\151\015\015\331\252\277\041\201  
\120\331\006\245\250\377\225\067\320\252\376\342\263\365\231\055  
\105\204\212\345\102\011\327\164\002\057\367\211\330\231\351\274  
\047\324\107\215\272\015\106\034\167\317\024\244\034\271\244\061  
\304\234\050\164\003\064\377\063\031\046\245\351\015\164\267\076  
\227\306\166\350\047\226\243\146\335\341\256\362\101\133\312\230  
\126\203\163\160\344\206\032\322\061\101\272\057\276\055\023\132  
\166\157\116\350\116\201\016\077\133\003\042\240\022\276\146\130  
\021\112\313\003\304\264\052\052\055\226\027\340\071\124\274\110  
\323\166\047\235\232\055\006\246\311\354\071\322\253\333\237\232  
\013\047\002\065\051\261\100\225\347\371\350\234\125\210\031\106  
\326\267\064\365\176\316\071\232\331\070\361\121\367\117\054

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Certum Trusted Network CA"

# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Serial Number: 279744 (0x444c0)

# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Not Valid Before: Wed Oct 22 12:07:37 2008

```

# Not Valid After : Mon Dec 31 12:07:37 2029
# Fingerprint (MD5): D5:E9:81:40:C5:18:69:FC:46:2C:89:75:62:0F:AA:78
# Fingerprint (SHA1): 07:E0:32:E0:20:B7:2C:3F:19:2F:06:28:A2:59:3A:19:A7:0F:06:9E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\007\340\062\340\040\267\054\077\031\057\006\050\242\131\072\031
\247\017\006\236
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\325\351\201\100\305\030\151\374\106\054\211\165\142\017\252\170
END
CKA_ISSUER MULTILINE_OCTAL
\060\176\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\004\104\300
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TWCA Root Certification Authority"
#
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 1 (0x1)
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid Before: Thu Aug 28 07:24:33 2008
# Not Valid After : Tue Dec 31 15:59:59 2030
# Fingerprint (MD5): AA:08:8F:F6:F9:7B:B7:F2:B1:A7:1E:9B:EA:EA:BD:79
# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Root Certification Authority"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\173\060\202\002\143\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061\022  
\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116\055  
\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157\157  
\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041\124  
\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\036\027\015\060\070\060\070\062\070\060\067\062\064\063\063  
\132\027\015\063\060\061\062\063\061\061\065\065\071\065\071\132  
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157  
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041  
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001  
\001\000\260\176\162\270\244\003\224\346\247\336\011\070\221\112  
\021\100\207\247\174\131\144\024\173\265\021\020\335\376\277\325  
\300\273\126\342\205\045\364\065\162\017\370\123\320\101\341\104  
\001\302\264\034\303\061\102\026\107\205\063\042\166\262\012\157  
\017\345\045\120\117\205\206\276\277\230\056\020\147\036\276\021  
\005\206\005\220\304\131\320\174\170\020\260\200\134\267\341\307

\053\165\313\174\237\256\265\321\235\043\067\143\247\334\102\242  
\055\222\004\033\120\301\173\270\076\033\311\126\004\213\057\122  
\233\255\251\126\351\301\377\255\251\130\207\060\266\201\367\227  
\105\374\031\127\073\053\157\344\107\364\231\105\376\035\361\370  
\227\243\210\035\067\034\134\217\340\166\045\232\120\370\240\124  
\377\104\220\166\043\322\062\306\303\253\006\277\374\373\277\363  
\255\175\222\142\002\133\051\323\065\243\223\232\103\144\140\135  
\262\372\062\377\073\004\257\115\100\152\371\307\343\357\043\375  
\153\313\345\017\213\070\015\356\012\374\376\017\230\237\060\061  
\335\154\122\145\371\213\201\276\042\341\034\130\003\272\221\033  
\211\007\002\003\001\000\001\243\102\060\100\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\152\070\133\046\215\336\213\132\362  
\117\172\124\203\031\030\343\010\065\246\272\060\015\006\011\052  
\206\110\206\367\015\001\001\005\005\000\003\202\001\001\000\074  
\325\167\075\332\337\211\272\207\014\010\124\152\040\120\222\276  
\260\101\075\271\046\144\203\012\057\350\100\300\227\050\047\202  
\060\112\311\223\377\152\347\246\000\177\211\102\232\326\021\345  
\123\316\057\314\362\332\005\304\376\342\120\304\072\206\175\314  
\332\176\020\011\073\222\065\052\123\262\376\353\053\005\331\154  
\135\346\320\357\323\152\146\236\025\050\205\172\350\202\000\254  
\036\247\011\151\126\102\323\150\121\030\276\124\232\277\104\101  
\272\111\276\040\272\151\134\356\270\167\315\316\154\037\255\203  
\226\030\175\016\265\024\071\204\361\050\351\055\243\236\173\036  
\172\162\132\203\263\171\157\357\264\374\320\012\245\130\117\106  
\337\373\155\171\131\362\204\042\122\256\017\314\373\174\073\347  
\152\312\107\141\303\172\370\323\222\004\037\270\040\204\341\066  
\124\026\307\100\336\073\212\163\334\337\306\011\114\337\354\332  
\377\324\123\102\241\311\362\142\035\042\203\074\227\305\371\031  
\142\047\254\145\042\327\323\074\306\345\216\262\123\314\111\316  
\274\060\376\173\016\063\220\373\355\322\024\221\037\007\257

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "TWCA Root Certification Authority"  
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW  
# Serial Number: 1 (0x1)  
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW  
# Not Valid Before: Thu Aug 28 07:24:33 2008  
# Not Valid After : Tue Dec 31 15:59:59 2030  
# Fingerprint (MD5): AA:08:8F:F6:F9:7B:B7:F2:B1:A7:1E:9B:EA:EA:BD:79  
# Fingerprint (SHA1): CF:9E:87:6D:D3:EB:FC:42:26:97:A3:B5:A3:7A:A0:76:A9:06:23:48  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\317\236\207\155\323\353\374\102\046\227\243\265\243\172\240\166
\251\006\043\110
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\010\217\366\371\173\267\362\261\247\036\233\352\352\275\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Explicitly Distrust DigiNotar Root CA"
#
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025
# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E
# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021

```



```
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\212\060\202\003\162\240\003\002\001\002\002\020\017
\377\377\377\377\377\377\377\377\377\377\377\377\377\377\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\137
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022\060
\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164\141
\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147\151
\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040\060
\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151\156
\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154\060
\036\027\015\060\067\060\067\062\067\061\067\061\071\063\067\132
\027\015\062\065\060\063\063\061\061\070\061\071\062\062\132\060
\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061\022
\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157\164
\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151\147
\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061\040
\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021\151
\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156\154
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\254\260\130\301\000\275\330\041\010\013\053\232\376\156\126
\060\005\237\033\167\220\020\101\134\303\015\207\021\167\216\201
\361\312\174\351\214\152\355\070\164\065\273\332\337\371\273\300
\011\067\264\226\163\201\175\063\032\230\071\367\223\157\225\177
\075\271\261\165\207\272\121\110\350\213\160\076\225\004\305\330
\266\303\026\331\210\260\261\207\035\160\332\206\264\017\024\213
\172\317\020\321\164\066\242\022\173\167\206\112\171\346\173\337
\002\021\150\245\116\206\256\064\130\233\044\023\170\126\042\045
\036\001\213\113\121\161\373\202\314\131\226\151\210\132\150\123
\305\271\015\002\067\313\113\274\146\112\220\176\052\013\005\007
\355\026\137\125\220\165\330\106\311\033\203\342\010\276\361\043
```

\314\231\035\326\052\017\203\040\025\130\047\202\056\372\342\042  
\302\111\261\271\001\201\152\235\155\235\100\167\150\166\116\041  
\052\155\204\100\205\116\166\231\174\202\363\363\267\002\131\324  
\046\001\033\216\337\255\123\006\321\256\030\335\342\262\072\313  
\327\210\070\216\254\133\051\271\031\323\230\371\030\003\317\110  
\202\206\146\013\033\151\017\311\353\070\210\172\046\032\005\114  
\222\327\044\324\226\362\254\122\055\243\107\325\122\366\077\376  
\316\204\006\160\246\252\076\242\362\266\126\064\030\127\242\344  
\201\155\347\312\360\152\323\307\221\153\002\203\101\174\025\357  
\153\232\144\136\343\320\074\345\261\353\173\135\206\373\313\346  
\167\111\315\243\145\334\367\271\234\270\344\013\137\223\317\314  
\060\032\062\034\316\034\143\225\245\371\352\341\164\213\236\351  
\053\251\060\173\240\030\037\016\030\013\345\133\251\323\321\154  
\036\007\147\217\221\113\251\212\274\322\146\252\223\001\210\262  
\221\372\061\134\325\246\301\122\010\011\315\012\143\242\323\042  
\246\350\241\331\071\006\227\365\156\215\002\220\214\024\173\077  
\200\315\033\234\272\304\130\162\043\257\266\126\237\306\172\102  
\063\051\007\077\202\311\346\037\005\015\315\114\050\066\213\323  
\310\076\034\306\210\357\136\356\211\144\351\035\353\332\211\176  
\062\246\151\321\335\314\210\237\321\320\311\146\041\334\006\147  
\305\224\172\232\155\142\114\175\314\340\144\200\262\236\107\216  
\243\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125  
\035\016\004\026\004\024\210\150\277\340\216\065\304\073\070\153  
\142\367\050\073\204\201\310\014\327\115\060\015\006\011\052\206  
\110\206\367\015\001\001\005\005\000\003\202\002\001\000\073\002  
\215\313\074\060\350\156\240\255\362\163\263\137\236\045\023\004  
\005\323\366\343\213\273\013\171\316\123\336\344\226\305\321\257  
\163\274\325\303\320\100\125\174\100\177\315\033\137\011\325\362  
\174\237\150\035\273\135\316\172\071\302\214\326\230\173\305\203  
\125\250\325\175\100\312\340\036\367\211\136\143\135\241\023\302  
\135\212\266\212\174\000\363\043\303\355\205\137\161\166\360\150  
\143\252\105\041\071\110\141\170\066\334\361\103\223\324\045\307  
\362\200\145\341\123\002\165\121\374\172\072\357\067\253\204\050  
\127\014\330\324\324\231\126\154\343\242\376\131\204\264\061\350  
\063\370\144\224\224\121\227\253\071\305\113\355\332\335\200\013  
\157\174\051\015\304\216\212\162\015\347\123\024\262\140\101\075  
\204\221\061\150\075\047\104\333\345\336\364\372\143\105\310\114  
\076\230\365\077\101\272\116\313\067\015\272\146\230\361\335\313  
\237\134\367\124\066\202\153\054\274\023\141\227\102\370\170\273  
\314\310\242\237\312\360\150\275\153\035\262\337\215\157\007\235  
\332\216\147\307\107\036\312\271\277\052\102\221\267\143\123\146  
\361\102\243\341\364\132\115\130\153\265\344\244\063\255\134\160  
\035\334\340\362\353\163\024\221\232\003\301\352\000\145\274\007  
\374\317\022\021\042\054\256\240\275\072\340\242\052\330\131\351  
\051\323\030\065\244\254\021\137\031\265\265\033\377\042\112\134  
\306\172\344\027\357\040\251\247\364\077\255\212\247\232\004\045

\235\016\312\067\346\120\375\214\102\051\004\232\354\271\317\113  
\162\275\342\010\066\257\043\057\142\345\312\001\323\160\333\174  
\202\043\054\026\061\014\306\066\007\220\172\261\037\147\130\304  
\073\130\131\211\260\214\214\120\263\330\206\313\150\243\304\012  
\347\151\113\040\316\301\036\126\113\225\251\043\150\330\060\330  
\303\353\260\125\121\315\345\375\053\270\365\273\021\237\123\124  
\366\064\031\214\171\011\066\312\141\027\045\027\013\202\230\163  
\014\167\164\303\325\015\307\250\022\114\307\247\124\161\107\056  
\054\032\175\311\343\053\073\110\336\047\204\247\143\066\263\175  
\217\240\144\071\044\015\075\173\207\257\146\134\164\033\113\163  
\262\345\214\360\206\231\270\345\305\337\204\301\267\353

END

# Trust for Certificate "Explicitly Distrust DigiNotar Root CA"

# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL

# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff

# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL

# Not Valid Before: Fri Jul 27 17:19:37 2007

# Not Valid After : Mon Mar 31 18:19:22 2025

# Fingerprint (MD5): 0A:A4:D5:CC:BA:B4:FB:A3:59:E3:E6:01:DD:53:D9:4E

# Fingerprint (SHA1): C1:77:CB:4B:E0:B4:26:8E:F5:C7:CF:45:99:22:B9:B0:CE:BA:21:2F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\301\167\313\113\340\264\046\216\365\307\317\105\231\042\271\260

\316\272\041\057

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\012\244\325\314\272\264\373\243\131\343\346\001\335\123\331\116

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061

\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157

\164\141\162\061\032\060\030\006\003\125\004\003\023\021\104\151

\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061

\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021

\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156

\154

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377

\377\377

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"

#

# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Serial Number: 268435455 (0xffffffff)

# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Not Valid Before: Wed May 12 08:51:39 2010

# Not Valid After : Mon Mar 23 09:50:05 2020

# Fingerprint (MD5): 2E:61:A2:D1:78:CE:EE:BF:59:33:B0:23:14:0F:94:1C

# Fingerprint (SHA1): D5:F2:57:A9:BF:2D:D0:3F:8B:46:57:F9:2B:C9:A4:C6:92:E1:42:42

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157  
\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004  
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111  
\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141  
\156\151\163\141\164\151\145\040\055\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157  
\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004  
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111  
\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141  
\156\151\163\141\164\151\145\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\017\377\377\377

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\225\060\202\004\175\240\003\002\001\002\002\004\017  
\377\377\377\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\116  
\114\061\027\060\025\006\003\125\004\012\014\016\104\151\147\151  
\116\157\164\141\162\040\102\056\126\056\061\062\060\060\006\003  
\125\004\003\014\051\104\151\147\151\116\157\164\141\162\040\120  
\113\111\157\166\145\162\150\145\151\144\040\103\101\040\117\162  
\147\141\156\151\163\141\164\151\145\040\055\040\107\062\060\036

\027\015\061\060\060\065\061\062\060\070\065\061\063\071\132\027  
\015\062\060\060\063\062\063\060\071\065\060\060\065\132\060\132  
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\027\060  
\025\006\003\125\004\012\014\016\104\151\147\151\116\157\164\141  
\162\040\102\056\126\056\061\062\060\060\006\003\125\004\003\014  
\051\104\151\147\151\116\157\164\141\162\040\120\113\111\157\166  
\145\162\150\145\151\144\040\103\101\040\117\162\147\141\156\151  
\163\141\164\151\145\040\055\040\107\062\060\202\002\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002  
\017\000\060\202\002\012\002\202\002\001\000\261\023\031\017\047  
\346\154\324\125\206\113\320\354\211\212\105\221\170\254\107\275  
\107\053\344\374\105\353\117\264\046\163\133\067\323\303\177\366  
\343\336\327\243\370\055\150\305\010\076\113\224\326\344\207\045  
\066\153\204\265\030\164\363\050\130\163\057\233\152\317\274\004  
\036\366\336\335\257\374\113\252\365\333\146\142\045\001\045\202  
\336\362\227\132\020\156\335\135\251\042\261\004\251\043\163\072  
\370\161\255\035\317\204\104\353\107\321\257\155\310\174\050\253  
\307\362\067\172\164\137\137\305\002\024\212\243\132\343\033\154  
\001\343\135\216\331\150\326\364\011\033\062\334\221\265\054\365  
\040\353\214\003\155\046\111\270\223\304\205\135\330\322\233\257  
\126\152\314\005\063\314\240\102\236\064\125\104\234\153\240\324  
\022\320\053\124\315\267\211\015\345\366\353\350\373\205\001\063  
\117\172\153\361\235\162\063\226\016\367\262\204\245\245\047\304  
\047\361\121\163\051\167\272\147\156\376\114\334\264\342\241\241  
\201\057\071\111\215\103\070\023\316\320\245\134\302\207\072\000  
\147\145\102\043\361\066\131\012\035\243\121\310\274\243\224\052  
\061\337\343\074\362\235\032\074\004\260\357\261\012\060\023\163  
\266\327\363\243\114\001\165\024\205\170\300\327\212\071\130\205  
\120\372\056\346\305\276\317\213\077\257\217\066\324\045\011\055  
\322\017\254\162\223\362\277\213\324\120\263\371\025\120\233\231  
\365\024\331\373\213\221\243\062\046\046\240\370\337\073\140\201  
\206\203\171\133\053\353\023\075\051\072\301\155\335\275\236\216  
\207\326\112\256\064\227\005\356\024\246\366\334\070\176\112\351  
\044\124\007\075\227\150\067\106\153\015\307\250\041\257\023\124  
\344\011\152\361\115\106\012\311\135\373\233\117\275\336\373\267  
\124\313\270\070\234\247\071\373\152\055\300\173\215\253\245\247  
\127\354\112\222\212\063\305\341\040\134\163\330\220\222\053\200  
\325\017\206\030\151\174\071\117\204\206\274\367\114\133\363\325  
\264\312\240\302\360\067\042\312\171\122\037\123\346\252\363\220  
\260\073\335\362\050\375\254\353\305\006\044\240\311\324\057\017  
\130\375\265\236\354\017\317\262\131\320\242\004\172\070\152\256  
\162\373\275\360\045\142\224\011\247\005\013\002\003\001\000\001  
\243\202\001\141\060\202\001\135\060\110\006\003\125\035\040\004  
\101\060\077\060\075\006\004\125\035\040\000\060\065\060\063\006  
\010\053\006\001\005\005\007\002\001\026\047\150\164\164\160\072  
\057\057\167\167\167\056\144\151\147\151\156\157\164\141\162\056  
\156\154\057\143\160\163\057\160\153\151\157\166\145\162\150\145  
\151\144\060\017\006\003\125\035\023\001\001\377\004\005\060\003

\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\201\205\006\003\125\035\043\004\176\060\174\200  
\024\071\020\213\111\222\134\333\141\022\040\315\111\235\032\216  
\332\234\147\100\271\241\136\244\134\060\132\061\013\060\011\006  
\003\125\004\006\023\002\116\114\061\036\060\034\006\003\125\004  
\012\014\025\123\164\141\141\164\040\144\145\162\040\116\145\144  
\145\162\154\141\156\144\145\156\061\053\060\051\006\003\125\004  
\003\014\042\123\164\141\141\164\040\144\145\162\040\116\145\144  
\145\162\154\141\156\144\145\156\040\122\157\157\164\040\103\101  
\040\055\040\107\062\202\004\000\230\226\364\060\111\006\003\125  
\035\037\004\102\060\100\060\076\240\074\240\072\206\070\150\164  
\164\160\072\057\057\143\162\154\056\160\153\151\157\166\145\162  
\150\145\151\144\056\156\154\057\104\157\155\117\162\147\141\156  
\151\163\141\164\151\145\114\141\164\145\163\164\103\122\114\055  
\107\062\056\143\162\154\060\035\006\003\125\035\016\004\026\004  
\024\274\135\224\073\331\253\173\003\045\163\141\302\333\055\356  
\374\253\217\145\241\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\002\001\000\217\374\055\114\267\331\055  
\325\037\275\357\313\364\267\150\027\165\235\116\325\367\335\234  
\361\052\046\355\237\242\266\034\003\325\123\263\354\010\317\064  
\342\343\303\364\265\026\057\310\303\276\327\323\163\253\000\066  
\371\032\112\176\326\143\351\136\106\272\245\266\216\025\267\243  
\052\330\103\035\357\135\310\037\201\205\263\213\367\377\074\364  
\331\364\106\010\077\234\274\035\240\331\250\114\315\045\122\116  
\012\261\040\367\037\351\103\331\124\106\201\023\232\300\136\164  
\154\052\230\062\352\374\167\273\015\245\242\061\230\042\176\174  
\174\347\332\244\255\354\267\056\032\031\161\370\110\120\332\103  
\217\054\204\335\301\100\047\343\265\360\025\116\226\324\370\134  
\343\206\051\106\053\327\073\007\353\070\177\310\206\127\227\323  
\357\052\063\304\027\120\325\144\151\153\053\153\105\136\135\057  
\027\312\132\116\317\303\327\071\074\365\073\237\106\271\233\347  
\016\111\227\235\326\325\343\033\017\352\217\001\116\232\023\224  
\131\012\002\007\110\113\032\140\253\177\117\355\013\330\125\015  
\150\157\125\234\151\145\025\102\354\300\334\335\154\254\303\026  
\316\013\035\126\233\244\304\304\322\056\340\017\342\104\047\053  
\120\151\244\334\142\350\212\041\051\102\154\314\000\072\226\166  
\233\357\100\300\244\136\167\204\062\154\046\052\071\146\256\135  
\343\271\271\262\054\150\037\036\232\220\003\071\360\252\263\244  
\314\111\213\030\064\351\067\311\173\051\307\204\174\157\104\025  
\057\354\141\131\004\311\105\313\242\326\122\242\174\177\051\222  
\326\112\305\213\102\250\324\376\352\330\307\207\043\030\344\235  
\172\175\163\100\122\230\240\256\156\343\005\077\005\017\340\245  
\306\155\115\355\203\067\210\234\307\363\334\102\232\152\266\327  
\041\111\066\167\362\357\030\117\305\160\331\236\351\336\267\053  
\213\364\274\176\050\337\015\100\311\205\134\256\235\305\061\377  
\320\134\016\265\250\176\360\351\057\272\257\210\256\345\265\321  
\130\245\257\234\161\247\051\001\220\203\151\067\202\005\272\374  
\011\301\010\156\214\170\073\303\063\002\200\077\104\205\010\035

\337\125\126\010\255\054\205\055\135\261\003\341\256\252\164\305  
\244\363\116\272\067\230\173\202\271

END

# Trust for Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"

# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Serial Number: 268435455 (0xffffffff)

# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Not Valid Before: Wed May 12 08:51:39 2010

# Not Valid After : Mon Mar 23 09:50:05 2020

# Fingerprint (MD5): 2E:61:A2:D1:78:CE:EE:BF:59:33:B0:23:14:0F:94:1C

# Fingerprint (SHA1): D5:F2:57:A9:BF:2D:D0:3F:8B:46:57:F9:2B:C9:A4:C6:92:E1:42:42

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\325\362\127\251\277\055\320\077\213\106\127\371\053\311\244\306

\222\341\102\102

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\056\141\242\321\170\316\356\277\131\063\260\043\024\017\224\034

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061

\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157

\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004

\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111

\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141

\156\151\163\141\164\151\145\040\055\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\017\377\377\377

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Security Communication RootCA2"

#

# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP

# Serial Number: 0 (0x0)

# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP

# Not Valid Before: Fri May 29 05:00:39 2009

# Not Valid After : Tue May 29 05:00:39 2029

```
# Fingerprint (MD5): 6C:39:7D:A4:0E:55:59:B2:3F:D6:41:B1:12:50:DE:43
# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045
\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124
\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056
\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036
\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151
\143\141\164\151\157\156\040\122\157\157\164\103\101\062\060\036
\027\015\060\071\060\065\062\071\060\065\060\060\063\071\132\027
\015\062\071\060\065\062\071\060\065\060\060\063\071\132\060\135
\061\013\060\011\006\003\125\004\006\023\002\112\120\061\045\060
\043\006\003\125\004\012\023\034\123\105\103\117\115\040\124\162
\165\163\164\040\123\171\163\164\145\155\163\040\103\117\056\054
\114\124\104\056\061\047\060\045\006\003\125\004\013\023\036\123
\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151\143
\141\164\151\157\156\040\122\157\157\164\103\101\062\060\202\001
\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000
\003\202\001\017\000\060\202\001\012\002\202\001\001\000\320\025
\071\122\261\122\263\272\305\131\202\304\135\122\256\072\103\145
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\200\113\307\362\226\274\333\066\227\326\246\144\214\250\136\360  
\343\012\034\367\337\227\075\113\256\366\135\354\041\265\101\253  
\315\271\176\166\237\276\371\076\066\064\240\073\301\366\061\021  
\105\164\223\075\127\200\305\371\211\231\312\345\253\152\324\265  
\332\101\220\020\301\326\326\102\211\302\277\364\070\022\225\114  
\124\005\367\066\344\105\203\173\024\145\326\334\014\115\321\336  
\176\014\253\073\304\025\276\072\126\246\132\157\166\151\122\251  
\172\271\310\353\152\232\135\122\320\055\012\153\065\026\011\020  
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\203\052\032\231\153\317\336\131\152\073\374\157\026\327\037\375  
\112\020\353\116\202\026\072\254\047\014\123\361\255\325\044\260  
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\004\024\012\205\251\167\145\005\230\174\100\201\370\017\227\054  
\070\361\012\354\074\317\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\001\001\000\114\072\243\104\254  
\271\105\261\307\223\176\310\013\012\102\337\144\352\034\356\131  
\154\010\272\211\137\152\312\112\225\236\172\217\007\305\332\105  
\162\202\161\016\072\322\314\157\247\264\241\043\273\366\044\237  
\313\027\376\214\246\316\302\322\333\314\215\374\161\374\003\051  
\301\154\135\063\137\144\266\145\073\211\157\030\166\170\365\334  
\242\110\037\031\077\216\223\353\361\372\027\356\315\116\343\004  
\022\125\326\345\344\335\373\076\005\174\342\035\136\306\247\274  
\227\117\150\072\365\351\056\012\103\266\257\127\134\142\150\174  
\267\375\243\212\204\240\254\142\276\053\011\207\064\360\152\001  
\273\233\051\126\074\376\000\067\317\043\154\361\116\252\266\164  
\106\022\154\221\356\064\325\354\232\221\347\104\276\220\061\162  
\325\111\002\366\002\345\364\037\353\174\331\226\125\251\377\354  
\212\371\231\107\377\065\132\002\252\004\313\212\133\207\161\051  
\221\275\244\264\172\015\275\232\365\127\043\000\007\041\027\077  
\112\071\321\005\111\013\247\266\067\201\245\135\214\252\063\136  
\201\050\174\247\175\047\353\000\256\215\067

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "Security Communication RootCA2"

# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP

# Serial Number: 0 (0x0)

# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP

# Not Valid Before: Fri May 29 05:00:39 2009

# Not Valid After : Tue May 29 05:00:39 2029

```

# Fingerprint (MD5): 6C:39:7D:A4:0E:55:59:B2:3F:D6:41:B1:12:50:DE:43
# Fingerprint (SHA1): 5F:3B:8C:F2:F8:10:B3:7D:78:B4:CE:EC:19:19:C3:73:34:B9:C7:74
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\073\214\362\370\020\263\175\170\264\316\354\031\031\303\163
\064\271\307\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\154\071\175\244\016\125\131\262\077\326\101\261\022\120\336\103
END
CKA_ISSUER MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\104\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\155\165\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "EC-ACC"
#
# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu https://www.catcert.net/verarrel
(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu
https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF
Q-0801176-I),C=ES
# Not Valid Before: Tue Jan 07 23:00:00 2003
# Not Valid After : Tue Jan 07 22:59:59 2031
# Fingerprint (MD5): EB:F5:9D:29:0D:61:F9:42:1F:7C:C2:BA:6D:E3:15:09
# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EC-ACC"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123  
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143  
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106  
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060  
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040  
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151  
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013  
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057  
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057  
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065  
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165  
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141  
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006  
\105\103\055\101\103\103

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123  
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143  
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106  
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060  
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040  
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151  
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013  
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057  
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057  
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065  
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165  
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103  
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END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

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\304\001

END

CKA\_VALUE MULTILINE\_OCTAL

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\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\201  
\363\061\013\060\011\006\003\125\004\006\023\002\105\123\061\073  
\060\071\006\003\125\004\012\023\062\101\147\145\156\143\151\141

\040\103\141\164\141\154\141\156\141\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\040\050\116\111\106\040\121  
\055\060\070\060\061\061\067\066\055\111\051\061\050\060\046\006  
\003\125\004\013\023\037\123\145\162\166\145\151\163\040\120\165  
\142\154\151\143\163\040\144\145\040\103\145\162\164\151\146\151  
\143\141\143\151\157\061\065\060\063\006\003\125\004\013\023\054  
\126\145\147\145\165\040\150\164\164\160\163\072\057\057\167\167  
\167\056\143\141\164\143\145\162\164\056\156\145\164\057\166\145  
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\040\105\156\164\151\164\141\164\163\040\144\145\040\103\145\162  
\164\151\146\151\143\141\143\151\157\040\103\141\164\141\154\141  
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\055\101\103\103\060\036\027\015\060\063\060\061\060\067\062\062\063  
\060\060\060\060\132\027\015\063\061\060\061\060\067\062\062\065  
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\147\145\156\143\151\141\040\103\141\164\141\154\141\156\141\040  
\144\145\040\103\145\162\164\151\146\151\143\141\143\151\157\040  
\050\116\111\106\040\121\055\060\070\060\061\061\067\066\055\111  
\051\061\050\060\046\006\003\125\004\013\023\037\123\145\162\166  
\145\151\163\040\120\165\142\154\151\143\163\040\144\145\040\103  
\145\162\164\151\146\151\143\141\143\151\157\061\065\060\063\006  
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\145\270\242\165\270\036\363\345\102\175\257\355\363\212\110\144  
\135\202\024\223\330\300\344\377\263\120\162\362\166\366\263\135  
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\224\142\337\155\326\365\070\276\077\245\205\012\031\270\250\330  
\011\165\102\160\304\352\357\313\016\310\064\250\022\042\230\014

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\242\233\351\135\215\060\177\006\003\125\035\040\004\170\060\166  
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\162\164\056\156\145\164\057\166\145\162\141\162\162\145\154\060  
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\073\314\071\011\224\136\326\332\357\276\001\133\135\323\036\330  
\375\175\117\315\240\101\340\064\223\277\313\342\206\234\067\222  
\220\126\034\334\353\051\005\345\304\236\307\065\337\212\014\315  
\305\041\103\351\252\210\345\065\300\031\102\143\132\002\136\244  
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\274\164\226\241\303\172\022\354\014\032\156\203\014\074\350\162  
\106\237\373\110\325\136\227\346\261\241\370\344\357\106\045\224  
\234\211\333\151\070\276\354\134\016\126\307\145\121\345\120\210  
\210\277\102\325\053\075\345\371\272\236\056\263\312\364\163\222  
\002\013\276\114\146\353\040\376\271\313\265\231\177\346\266\023  
\372\312\113\115\331\356\123\106\006\073\306\116\255\223\132\201  
\176\154\052\113\152\005\105\214\362\041\244\061\220\207\154\145  
\234\235\245\140\225\072\122\177\365\321\253\010\156\363\356\133  
\371\210\075\176\270\157\156\003\344\102

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for Certificate "EC-ACC"

# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu <https://www.catcert.net/verarrel>  
(c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES

# Serial Number:ee:2b:3d:eb:d4:21:de:14:a8:62:ac:04:f3:dd:c4:01

# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu

<https://www.catcert.net/verarrel> (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF  
Q-0801176-I),C=ES

# Not Valid Before: Tue Jan 07 23:00:00 2003

# Not Valid After : Tue Jan 07 22:59:59 2031

# Fingerprint (MD5): EB:F5:9D:29:0D:61:F9:42:1F:7C:C2:BA:6D:E3:15:09

```

# Fingerprint (SHA1): 28:90:3A:63:5B:52:80:FA:E6:77:4C:0B:6D:A7:D6:BA:A6:4A:F2:E8
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EC-ACC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\050\220\072\143\133\122\200\372\346\167\114\013\155\247\326\272
\246\112\362\350
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\353\365\235\051\015\141\371\102\037\174\302\272\155\343\025\011
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\363\061\013\060\011\006\003\125\004\006\023\002\105\123
\061\073\060\071\006\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\111\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\145\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\072\057\057
\167\167\167\056\143\141\164\143\145\162\164\056\156\145\164\057
\166\145\162\141\162\162\145\154\040\050\143\051\060\063\061\065
\060\063\006\003\125\004\013\023\054\112\145\162\141\162\161\165
\151\141\040\105\156\164\151\164\141\164\163\040\144\145\040\103
\145\162\164\151\146\151\143\141\143\151\157\040\103\141\164\141
\154\141\156\145\163\061\017\060\015\006\003\125\004\003\023\006
\105\103\055\101\103\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\356\053\075\353\324\041\336\024\250\142\254\004\363\335
\304\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hellenic Academic and Research Institutions RootCA 2011"
#
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR

```

```
# Not Valid Before: Tue Dec 06 13:49:52 2011
# Not Valid After : Mon Dec 01 13:49:52 2031
# Fingerprint (MD5): 73:9F:4C:4B:73:5B:79:E9:FA:BA:1C:EF:6E:CB:D5:C9
# Fingerprint (SHA1): FE:45:65:9B:79:03:5B:98:A1:61:B5:51:2E:AC:DA:58:09:48:22:4D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
\164\103\101\040\062\060\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\061\060\202\003\031\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060
\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122\061
\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164\150
\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023\067
\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155\151
```

\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040\111  
\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157\164  
\103\101\040\062\060\061\061\060\036\027\015\061\061\061\062\060  
\066\061\063\064\071\065\062\132\027\015\063\061\061\062\060\061  
\061\063\064\071\065\062\132\060\201\225\061\013\060\011\006\003  
\125\004\006\023\002\107\122\061\104\060\102\006\003\125\004\012  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\103\145  
\162\164\056\040\101\165\164\150\157\162\151\164\171\061\100\060  
\076\006\003\125\004\003\023\067\110\145\154\154\145\156\151\143  
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145  
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151  
\157\156\163\040\122\157\157\164\103\101\040\062\060\061\061\060  
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000  
\251\123\000\343\056\246\366\216\372\140\330\055\225\076\370\054  
\052\124\116\315\271\204\141\224\130\117\217\075\213\344\103\363  
\165\211\215\121\344\303\067\322\212\210\115\171\036\267\022\335  
\103\170\112\212\222\346\327\110\325\017\244\072\051\104\065\270  
\007\366\150\035\125\315\070\121\360\214\044\061\205\257\203\311  
\175\351\167\257\355\032\173\235\027\371\263\235\070\120\017\246  
\132\171\221\200\257\067\256\246\323\061\373\265\046\011\235\074  
\132\357\121\305\053\337\226\135\353\062\036\002\332\160\111\354  
\156\014\310\232\067\215\367\361\066\140\113\046\054\202\236\320  
\170\363\015\017\143\244\121\060\341\371\053\047\022\007\330\352  
\275\030\142\230\260\131\067\175\276\356\363\040\121\102\132\203  
\357\223\272\151\025\361\142\235\237\231\071\202\241\267\164\056  
\213\324\305\013\173\057\360\310\012\332\075\171\012\232\223\034  
\245\050\162\163\221\103\232\247\321\115\205\204\271\251\164\217  
\024\100\307\334\336\254\101\144\154\264\031\233\002\143\155\044  
\144\217\104\262\045\352\316\135\164\014\143\062\134\215\207\345  
\002\003\001\000\001\243\201\211\060\201\206\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016  
\004\026\004\024\246\221\102\375\023\141\112\043\236\010\244\051  
\345\330\023\004\043\356\101\045\060\107\006\003\125\035\036\004  
\100\060\076\240\074\060\005\202\003\056\147\162\060\005\202\003  
\056\145\165\060\006\202\004\056\145\144\165\060\006\202\004\056  
\157\162\147\060\005\201\003\056\147\162\060\005\201\003\056\145  
\165\060\006\201\004\056\145\144\165\060\006\201\004\056\157\162  
\147\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000  
\003\202\001\001\000\037\357\171\101\341\173\156\077\262\214\206  
\067\102\112\116\034\067\036\215\146\272\044\201\311\117\022\017  
\041\300\003\227\206\045\155\135\323\042\051\250\154\242\015\251  
\353\075\006\133\231\072\307\314\303\232\064\177\253\016\310\116  
\034\341\372\344\334\315\015\276\277\044\376\154\347\153\302\015  
\310\006\236\116\215\141\050\246\152\375\345\366\142\352\030\074



```
\116\240\123\235\262\072\234\353\245\234\221\026\266\115\202\340
\014\005\110\251\154\365\314\370\313\235\111\264\360\002\245\375
\160\003\355\212\041\245\256\023\206\111\303\063\163\276\207\073
\164\213\027\105\046\114\026\221\203\376\147\175\315\115\143\147
\372\363\003\022\226\170\006\215\261\147\355\216\077\276\237\117
\002\365\263\011\057\363\114\207\337\052\313\225\174\001\314\254
\066\172\277\242\163\172\367\217\301\265\232\241\024\262\217\063
\237\015\357\042\334\146\173\204\275\105\027\006\075\074\312\271
\167\064\217\312\352\317\077\061\076\343\210\343\200\111\045\310
\227\265\235\232\231\115\260\074\370\112\000\233\144\335\237\071
\113\321\047\327\270
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for Certificate "Hellenic Academic and Research Institutions RootCA 2011"
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research
Institutions Cert. Authority,C=GR
# Not Valid Before: Tue Dec 06 13:49:52 2011
# Not Valid After : Mon Dec 01 13:49:52 2031
# Fingerprint (MD5): 73:9F:4C:4B:73:5B:79:E9:FA:BA:1C:EF:6E:CB:D5:C9
# Fingerprint (SHA1): FE:45:65:9B:79:03:5B:98:A1:61:B5:51:2E:AC:DA:58:09:48:22:4D
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\376\105\145\233\171\003\133\230\241\141\265\121\056\254\332\130
\011\110\042\115
END
```

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\163\237\114\113\163\133\171\351\372\272\034\357\156\313\325\311
END
```

```
CKA_ISSUER MULTILINE_OCTAL
\060\201\225\061\013\060\011\006\003\125\004\006\023\002\107\122
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157
```

```

\164\103\101\040\062\060\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Explicitly Distrust "MITM subCA 1 issued by Trustwave", Bug 724929
# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number: 1800000005 (0x6b49d205)
# Not Before: Apr 7 15:37:15 2011 GMT
# Not After : Apr 4 15:37:15 2021 GMT
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "MITM subCA 1 issued by Trustwave"
CKA_ISSUER MULTILINE_OCTAL
\060\201\253\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\063\060\061\006\003\125\004
\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147
\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156
\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060
\035\006\011\052\206\110\206\367\015\001\011\001\026\020\143\141
\100\164\162\165\163\164\167\141\166\145\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\153\111\322\005
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Explicitly Distrust "MITM subCA 2 issued by Trustwave", Bug 724929
# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings,
Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number: 1800000006 (0x6b49d206)
# Not Before: Apr 18 21:09:30 2011 GMT
# Not After : Apr 15 21:09:30 2021 GMT

```

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "MITM subCA 2 issued by Trustwave"
CKA_ISSUER MULTILINE_OCTAL
\060\201\253\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\063\060\061\006\003\125\004
\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147
\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156
\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060
\035\006\011\052\206\110\206\367\015\001\011\001\026\020\143\141
\100\164\162\165\163\164\167\141\166\145\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\153\111\322\006
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Actalis Authentication Root CA"
#
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Serial Number:57:0a:11:97:42:c4:e3:cc
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Not Valid Before: Thu Sep 22 11:22:02 2011
# Not Valid After : Sun Sep 22 11:22:02 2030
# Fingerprint (MD5): 69:C1:0D:4F:07:A3:1B:C3:FE:56:3D:04:BC:11:F6:A6
# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101

```

```
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\127\012\021\227\102\304\343\314
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\273\060\202\003\243\240\003\002\001\002\002\010\127
\012\021\227\102\304\343\314\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\153\061\013\060\011\006\003\125\004
\006\023\002\111\124\061\016\060\014\006\003\125\004\007\014\005
\115\151\154\141\156\061\043\060\041\006\003\125\004\012\014\032
\101\143\164\141\154\151\163\040\123\056\160\056\101\056\057\060
\063\063\065\070\065\062\060\071\066\067\061\047\060\045\006\003
\125\004\003\014\036\101\143\164\141\154\151\163\040\101\165\164
\150\145\156\164\151\143\141\164\151\157\156\040\122\157\157\164
\040\103\101\060\036\027\015\061\061\060\071\062\062\061\061\062
\062\060\062\132\027\015\063\060\060\071\062\062\061\061\062\062
\060\062\132\060\153\061\013\060\011\006\003\125\004\006\023\002
\111\124\061\016\060\014\006\003\125\004\007\014\005\115\151\154
\141\156\061\043\060\041\006\003\125\004\012\014\032\101\143\164
\141\154\151\163\040\123\056\160\056\101\056\057\060\063\063\065
\070\065\062\060\071\066\067\061\047\060\045\006\003\125\004\003
\014\036\101\143\164\141\154\151\163\040\101\165\164\150\145\156
\164\151\143\141\164\151\157\156\040\122\157\157\164\040\103\101
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001
\000\247\306\304\245\051\244\054\357\345\030\305\260\120\243\157
\121\073\237\012\132\311\302\110\070\012\302\034\240\030\177\221
\265\207\271\100\077\335\035\150\037\010\203\325\055\036\210\240
\370\217\126\217\155\231\002\222\220\026\325\137\010\154\211\327
\341\254\274\040\302\261\340\203\121\212\151\115\000\226\132\157
\057\300\104\176\243\016\344\221\315\130\356\334\373\307\036\105
\107\335\047\271\010\001\237\246\041\035\365\101\055\057\114\375
\050\255\340\212\255\042\264\126\145\216\206\124\217\223\103\051
\336\071\106\170\243\060\043\272\315\360\175\023\127\300\135\322
\203\153\110\114\304\253\237\200\132\133\072\275\311\247\042\077
\200\047\063\133\016\267\212\014\135\007\067\010\313\154\322\172
```

\107\042\104\065\305\314\314\056\216\335\052\355\267\175\146\015  
\137\141\121\042\125\033\343\106\343\343\075\320\065\142\232\333  
\257\024\310\133\241\314\211\033\341\060\046\374\240\233\037\201  
\247\107\037\004\353\243\071\222\006\237\231\323\277\323\352\117  
\120\234\031\376\226\207\036\074\145\366\243\030\044\203\206\020  
\347\124\076\250\072\166\044\117\201\041\305\343\017\002\370\223  
\224\107\040\273\376\324\016\323\150\271\335\304\172\204\202\343  
\123\124\171\335\333\234\322\362\007\233\056\266\274\076\355\205  
\155\357\045\021\362\227\032\102\141\367\112\227\350\213\261\020  
\007\372\145\201\262\242\071\317\367\074\377\030\373\306\361\132  
\213\131\342\002\254\173\222\320\116\024\117\131\105\366\014\136  
\050\137\260\350\077\105\317\317\257\233\157\373\204\323\167\132  
\225\157\254\224\204\236\356\274\300\112\217\112\223\370\104\041  
\342\061\105\141\120\116\020\330\343\065\174\114\031\264\336\005  
\277\243\006\237\310\265\315\344\037\327\027\006\015\172\225\164  
\125\015\150\032\374\020\033\142\144\235\155\340\225\240\303\224  
\007\127\015\024\346\275\005\373\270\237\346\337\213\342\306\347  
\176\226\366\123\305\200\064\120\050\130\360\022\120\161\027\060  
\272\346\170\143\274\364\262\255\233\053\262\376\341\071\214\136  
\272\013\040\224\336\173\203\270\377\343\126\215\267\021\351\073  
\214\362\261\301\135\235\244\013\114\053\331\262\030\365\265\237  
\113\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035  
\016\004\026\004\024\122\330\210\072\310\237\170\146\355\211\363  
\173\070\160\224\311\002\002\066\320\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035  
\043\004\030\060\026\200\024\122\330\210\072\310\237\170\146\355  
\211\363\173\070\160\224\311\002\002\066\320\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\013  
\173\162\207\300\140\246\111\114\210\130\346\035\210\367\024\144  
\110\246\330\130\012\016\117\023\065\337\065\035\324\355\006\061  
\310\201\076\152\325\335\073\032\062\356\220\075\021\322\056\364  
\216\303\143\056\043\146\260\147\276\157\266\300\023\071\140\252  
\242\064\045\223\165\122\336\247\235\255\016\207\211\122\161\152  
\026\074\031\035\203\370\232\051\145\276\364\077\232\331\360\363  
\132\207\041\161\200\115\313\340\070\233\077\273\372\340\060\115  
\317\206\323\145\020\031\030\321\227\002\261\053\162\102\150\254  
\240\275\116\132\332\030\277\153\230\201\320\375\232\276\136\025  
\110\315\021\025\271\300\051\134\264\350\210\367\076\066\256\267  
\142\375\036\142\336\160\170\020\034\110\133\332\274\244\070\272  
\147\355\125\076\136\127\337\324\003\100\114\201\244\322\117\143  
\247\011\102\011\024\374\000\251\302\200\163\117\056\300\100\331  
\021\173\110\352\172\002\300\323\353\050\001\046\130\164\301\300  
\163\042\155\223\225\375\071\175\273\052\343\366\202\343\054\227  
\137\116\037\221\224\372\376\054\243\330\166\032\270\115\262\070  
\117\233\372\035\110\140\171\046\342\363\375\251\320\232\350\160  
\217\111\172\326\345\275\012\016\333\055\363\215\277\353\343\244  
\175\313\307\225\161\350\332\243\174\305\302\370\164\222\004\033

```
\206\254\244\042\123\100\266\254\376\114\166\317\373\224\062\300
\065\237\166\077\156\345\220\156\240\246\046\242\270\054\276\321
\053\205\375\247\150\310\272\001\053\261\154\164\035\270\163\225
\347\356\267\307\045\360\000\114\000\262\176\266\013\213\034\363
\300\120\236\045\271\340\010\336\066\146\377\067\245\321\273\124
\144\054\311\047\265\113\222\176\145\377\323\055\341\271\116\274
\177\244\101\041\220\101\167\246\071\037\352\236\343\237\320\146
\157\005\354\252\166\176\277\153\026\240\353\265\307\374\222\124
\057\053\021\047\045\067\170\114\121\152\260\363\314\130\135\024
\361\152\110\025\377\302\007\266\261\215\017\216\134\120\106\263
\075\277\001\230\117\262\131\124\107\076\064\173\170\155\126\223
\056\163\352\146\050\170\315\035\024\277\240\217\057\056\270\056
\216\362\024\212\314\351\265\174\373\154\235\014\245\341\226
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Actalis Authentication Root CA"

# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

# Serial Number:57:0a:11:97:42:c4:e3:cc

# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT

# Not Valid Before: Thu Sep 22 11:22:02 2011

# Not Valid After : Sun Sep 22 11:22:02 2030

# Fingerprint (MD5): 69:C1:0D:4F:07:A3:1B:C3:FE:56:3D:04:BC:11:F6:A6

# Fingerprint (SHA1): F3:73:B3:87:06:5A:28:84:8A:F2:F3:4A:CE:19:2B:DD:C7:8E:9C:AC

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Actalis Authentication Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\363\163\263\207\006\132\050\204\212\362\363\112\316\031\053\335
\307\216\234\254
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\151\301\015\117\007\243\033\303\376\126\075\004\274\021\366\246
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\115\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\101\056\057\060\063\063\065\070\065\062
\060\071\066\067\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\010\127\012\021\227\102\304\343\314
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Trustis FPS Root CA"
#
# Issuer: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB
# Serial Number: 1b:1f:ad:b6:20:f9:24:d3:36:6b:f7:c7:f1:8c:a0:59
# Subject: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB
# Not Valid Before: Tue Dec 23 12:14:06 2003
# Not Valid After : Sun Jan 21 11:36:54 2024
# Fingerprint (MD5): 30:C9:E7:1E:6B:E6:14:EB:65:B2:16:69:20:31:67:4D
# Fingerprint (SHA1): 3B:C0:38:0B:33:C3:F6:A6:0C:86:15:22:93:D9:DF:F5:4B:81:C0:04
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustis FPS Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\030\060\026\006\003\125\004\012\023\017\124\162\165\163\164\151
\163\040\114\151\155\151\164\145\144\061\034\060\032\006\003\125
\004\013\023\023\124\162\165\163\164\151\163\040\106\120\123\040
\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\107\102\061
\030\060\026\006\003\125\004\012\023\017\124\162\165\163\164\151
\163\040\114\151\155\151\164\145\144\061\034\060\032\006\003\125
\004\013\023\023\124\162\165\163\164\151\163\040\106\120\123\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\033\037\255\266\040\371\044\323\066\153\367\307\361\214
\240\131
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\147\060\202\002\117\240\003\002\001\002\002\020\033
\037\255\266\040\371\044\323\066\153\367\307\361\214\240\131\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\105
\061\013\060\011\006\003\125\004\006\023\002\107\102\061\030\060
\026\006\003\125\004\012\023\017\124\162\165\163\164\151\163\040
```

\114\151\155\151\164\145\144\061\034\060\032\006\003\125\004\013  
\023\023\124\162\165\163\164\151\163\040\106\120\123\040\122\157  
\157\164\040\103\101\060\036\027\015\060\063\061\062\062\063\061  
\062\061\064\060\066\132\027\015\062\064\060\061\062\061\061\061  
\063\066\065\064\132\060\105\061\013\060\011\006\003\125\004\006  
\023\002\107\102\061\030\060\026\006\003\125\004\012\023\017\124  
\162\165\163\164\151\163\040\114\151\155\151\164\145\144\061\034  
\060\032\006\003\125\004\013\023\023\124\162\165\163\164\151\163  
\040\106\120\123\040\122\157\157\164\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\305\120\173  
\236\073\065\320\337\304\214\315\216\233\355\243\300\066\231\364  
\102\352\247\076\200\203\017\246\247\131\207\311\220\105\103\176  
\000\352\206\171\052\003\275\075\067\231\211\146\267\345\212\126  
\206\223\234\150\113\150\004\214\223\223\002\076\060\322\067\072  
\042\141\211\034\205\116\175\217\325\257\173\065\366\176\050\107  
\211\061\334\016\171\144\037\231\322\133\272\376\177\140\277\255  
\353\347\074\070\051\152\057\345\221\013\125\377\354\157\130\325  
\055\311\336\114\146\161\217\014\327\004\332\007\346\036\030\343  
\275\051\002\250\372\034\341\133\271\203\250\101\110\274\032\161  
\215\347\142\345\055\262\353\337\174\317\333\253\132\312\061\361  
\114\042\363\005\023\367\202\371\163\171\014\276\327\113\034\300  
\321\025\074\223\101\144\321\346\276\043\027\042\000\211\136\037  
\153\245\254\156\247\113\214\355\243\162\346\257\143\115\057\205  
\322\024\065\232\056\116\214\352\062\230\050\206\241\221\011\101  
\072\264\341\343\362\372\360\311\012\242\101\335\251\343\003\307  
\210\025\073\034\324\032\224\327\237\144\131\022\155\002\003\001  
\000\001\243\123\060\121\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\037\006\003\125\035\043\004\030  
\060\026\200\024\272\372\161\045\171\213\127\101\045\041\206\013  
\161\353\262\144\016\213\041\147\060\035\006\003\125\035\016\004  
\026\004\024\272\372\161\045\171\213\127\101\045\041\206\013\161  
\353\262\144\016\213\041\147\060\015\006\011\052\206\110\206\367  
\015\001\001\005\005\000\003\202\001\001\000\176\130\377\375\065  
\031\175\234\030\117\236\260\053\274\216\214\024\377\054\240\332  
\107\133\303\357\201\055\257\005\352\164\110\133\363\076\116\007  
\307\155\305\263\223\317\042\065\134\266\077\165\047\137\011\226  
\315\240\376\276\100\014\134\022\125\370\223\202\312\051\351\136  
\077\126\127\213\070\066\367\105\032\114\050\315\236\101\270\355  
\126\114\204\244\100\310\270\260\245\053\151\160\004\152\303\370  
\324\022\062\371\016\303\261\334\062\204\104\054\157\313\106\017  
\352\146\101\017\117\361\130\245\246\015\015\017\141\336\245\236  
\135\175\145\241\074\027\347\250\125\116\357\240\307\355\306\104  
\177\124\365\243\340\217\360\174\125\042\217\051\266\201\243\341  
\155\116\054\033\200\147\354\255\040\237\014\142\141\325\227\377  
\103\355\055\301\332\135\051\052\205\077\254\145\356\206\017\005  
\215\220\137\337\356\237\364\277\356\035\373\230\344\177\220\053  
\204\170\020\016\154\111\123\357\025\133\145\106\112\135\257\272



```
\373\072\162\035\315\366\045\210\036\227\314\041\234\051\001\015  
\145\353\127\331\363\127\226\273\110\315\201
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE  
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE  
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "Trustis FPS Root CA"

# Issuer: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB

# Serial Number: 1b:1f:ad:b6:20:f9:24:d3:36:6b:f7:c7:f1:8c:a0:59

# Subject: OU=Trustis FPS Root CA,O=Trustis Limited,C=GB

# Not Valid Before: Tue Dec 23 12:14:06 2003

# Not Valid After : Sun Jan 21 11:36:54 2024

# Fingerprint (MD5): 30:C9:E7:1E:6B:E6:14:EB:65:B2:16:69:20:31:67:4D

# Fingerprint (SHA1): 3B:C0:38:0B:33:C3:F6:A6:0C:86:15:22:93:D9:DF:F5:4B:81:C0:04

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Trustis FPS Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\073\300\070\013\063\303\366\246\014\206\025\042\223\331\337\365  
\113\201\300\004
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\060\311\347\036\153\346\024\353\145\262\026\151\040\061\147\115
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\107\102\061  
\030\060\026\006\003\125\004\012\023\017\124\162\165\163\164\151  
\163\040\114\151\155\151\164\145\144\061\034\060\032\006\003\125  
\004\013\023\023\124\162\165\163\164\151\163\040\106\120\123\040  
\122\157\157\164\040\103\101
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\033\037\255\266\040\371\044\323\066\153\367\307\361\214  
\240\131
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

# Certificate "Buypass Class 2 Root CA"

#

# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO

# Serial Number: 2 (0x2)

```
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040
# Fingerprint (MD5): 46:A7:D2:FE:45:FB:64:5A:A8:59:90:9B:78:44:9B:29
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060
\036\027\015\061\060\061\060\062\066\060\070\063\070\060\063\132
\027\015\064\060\061\060\062\066\060\070\063\070\060\063\132\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040
\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101\060
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000
\327\307\136\367\301\007\324\167\373\103\041\364\364\365\151\344
\356\062\001\333\243\206\037\344\131\015\272\347\165\203\122\353
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\352\034\141\025\110\273\035\007\312\214\256\260\334\226\235\352  
\303\140\222\206\202\050\163\234\126\006\377\113\144\360\014\052  
\067\111\265\345\317\014\174\356\361\112\273\163\060\145\363\325  
\057\203\266\176\343\347\365\236\253\140\371\323\361\235\222\164  
\212\344\034\226\254\133\200\351\265\364\061\207\243\121\374\307  
\176\241\157\216\123\167\324\227\301\125\063\222\076\030\057\165  
\324\255\206\111\313\225\257\124\006\154\330\006\023\215\133\377  
\341\046\031\131\300\044\272\201\161\171\220\104\120\150\044\224  
\137\270\263\021\361\051\101\141\243\101\313\043\066\325\301\361  
\062\120\020\116\177\364\206\223\354\204\323\216\274\113\277\134  
\001\116\007\075\334\024\212\224\012\244\352\163\373\013\121\350  
\023\007\030\372\016\361\053\321\124\025\175\074\341\367\264\031  
\102\147\142\136\167\340\242\125\354\266\331\151\027\325\072\257  
\104\355\112\305\236\344\172\047\174\345\165\327\252\313\045\347  
\337\153\012\333\017\115\223\116\250\240\315\173\056\362\131\001  
\152\267\015\270\007\201\176\213\070\033\070\346\012\127\231\075  
\356\041\350\243\365\014\026\335\213\354\064\216\234\052\034\000  
\025\027\215\150\203\322\160\237\030\010\315\021\150\325\311\153  
\122\315\304\106\217\334\265\363\330\127\163\036\351\224\071\004  
\277\323\336\070\336\264\123\354\151\034\242\176\304\217\344\033  
\160\255\362\242\371\373\367\026\144\146\151\237\111\121\242\342  
\025\030\147\006\112\177\325\154\265\115\263\063\340\141\353\135  
\276\351\230\017\062\327\035\113\074\056\132\001\122\221\011\362  
\337\352\215\330\006\100\143\252\021\344\376\303\067\236\024\122  
\077\364\342\314\362\141\223\321\375\147\153\327\122\256\277\150  
\253\100\103\240\127\065\123\170\360\123\370\141\102\007\144\306  
\327\157\233\114\070\015\143\254\142\257\066\213\242\163\012\015  
\365\041\275\164\252\115\352\162\003\111\333\307\137\035\142\143  
\307\375\335\221\354\063\356\365\155\264\156\060\150\336\310\326  
\046\260\165\136\173\264\007\040\230\241\166\062\270\115\154\117  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\311\200\167\340\142\222\202\365\106\234\363  
\272\367\114\303\336\270\243\255\071\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\123\137\041  
\365\272\260\072\122\071\054\222\260\154\000\311\357\316\040\357  
\006\362\226\236\351\244\164\177\172\026\374\267\365\266\373\025  
\033\077\253\246\300\162\135\020\261\161\356\274\117\343\255\254  
\003\155\056\161\056\257\304\343\255\243\275\014\021\247\264\377  
\112\262\173\020\020\037\247\127\101\262\300\256\364\054\131\326  
\107\020\210\363\041\121\051\060\312\140\206\257\106\253\035\355  
\072\133\260\224\336\104\343\101\010\242\301\354\035\326\375\117  
\266\326\107\320\024\013\312\346\312\265\173\167\176\101\037\136  
\203\307\266\214\071\226\260\077\226\201\101\157\140\220\342\350  
\371\373\042\161\331\175\263\075\106\277\264\204\257\220\034\017  
\217\022\152\257\357\356\036\172\256\002\112\212\027\053\166\376  
\254\124\211\044\054\117\077\266\262\247\116\214\250\221\227\373

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\051\306\173\134\055\271\313\146\266\267\250\133\022\121\205\265
\011\176\142\170\160\376\251\152\140\266\035\016\171\014\375\312
\352\044\200\162\303\227\077\362\167\253\103\042\012\307\353\266
\014\204\202\054\200\153\101\212\010\300\353\245\153\337\231\022
\313\212\325\136\200\014\221\340\046\010\066\110\305\372\070\021
\065\377\045\203\055\362\172\277\332\375\216\376\245\313\105\054
\037\304\210\123\256\167\016\331\232\166\305\216\054\035\243\272
\325\354\062\256\300\252\254\367\321\172\115\353\324\007\342\110
\367\042\216\260\244\237\152\316\216\262\262\140\364\243\042\320
\043\353\224\132\172\151\335\017\277\100\127\254\153\131\120\331
\243\231\341\156\376\215\001\171\047\043\025\336\222\235\173\011
\115\132\347\113\110\060\132\030\346\012\155\346\217\340\322\273
\346\337\174\156\041\202\301\150\071\115\264\230\130\146\142\314
\112\220\136\303\372\047\004\261\171\025\164\231\314\276\255\040
\336\046\140\034\353\126\121\246\243\352\344\243\077\247\377\141
\334\361\132\115\154\062\043\103\356\254\250\356\356\112\022\011
\074\135\161\302\276\171\372\302\207\150\035\013\375\134\151\314
\006\320\232\175\124\231\052\311\071\032\031\257\113\052\103\363
\143\135\132\130\342\057\343\035\344\251\326\320\012\320\236\277
\327\201\011\361\311\307\046\015\254\230\026\126\240
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Buypass Class 2 Root CA"
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040
# Fingerprint (MD5): 46:A7:D2:FE:45:FB:64:5A:A8:59:90:9B:78:44:9B:29
# Fingerprint (SHA1): 49:0A:75:74:DE:87:0A:47:FE:58:EE:F6:C7:6B:EB:C6:0B:12:40:99
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\111\012\165\164\336\207\012\107\376\130\356\366\307\153\353\306
\013\022\100\231
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\106\247\322\376\105\373\144\132\250\131\220\233\170\104\233\051
```

END

```
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
```

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\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Buypass Class 3 Root CA"
#
# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:28:58 2010
# Not Valid After : Fri Oct 26 08:28:58 2040
# Fingerprint (MD5): 3D:3B:18:9E:2C:64:5A:E8:D5:88:CE:0E:F9:37:C2:EC
# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 3 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\131\060\202\003\101\240\003\002\001\002\002\001\002

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\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060  
\036\027\015\061\060\061\060\062\066\060\070\062\070\065\070\132  
\027\015\064\060\061\060\062\066\060\070\062\070\065\070\132\060  
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035  
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163  
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060  
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163\040  
\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101\060  
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000  
\245\332\012\225\026\120\343\225\362\136\235\166\061\006\062\172  
\233\361\020\166\270\000\232\265\122\066\315\044\107\260\237\030  
\144\274\232\366\372\325\171\330\220\142\114\042\057\336\070\075  
\326\340\250\351\034\054\333\170\021\351\216\150\121\025\162\307  
\363\063\207\344\240\135\013\134\340\127\007\052\060\365\315\304  
\067\167\050\115\030\221\346\277\325\122\375\161\055\160\076\347  
\306\304\212\343\360\050\013\364\166\230\241\213\207\125\262\072  
\023\374\267\076\047\067\216\042\343\250\117\052\357\140\273\075  
\267\071\303\016\001\107\231\135\022\117\333\103\372\127\241\355  
\371\235\276\021\107\046\133\023\230\253\135\026\212\260\067\034  
\127\235\105\377\210\226\066\277\273\312\007\173\157\207\143\327  
\320\062\152\326\135\154\014\361\263\156\071\342\153\061\056\071  
\000\047\024\336\070\300\354\031\146\206\022\350\235\162\026\023  
\144\122\307\251\067\034\375\202\060\355\204\030\035\364\256\134  
\377\160\023\000\353\261\365\063\172\113\326\125\370\005\215\113  
\151\260\365\263\050\066\134\024\304\121\163\115\153\013\361\064  
\007\333\027\071\327\334\050\173\153\365\237\363\056\301\117\027  
\052\020\363\314\312\350\353\375\153\253\056\232\237\055\202\156  
\004\324\122\001\223\055\075\206\374\176\374\337\357\102\035\246  
\153\357\271\040\306\367\275\240\247\225\375\247\346\211\044\330  
\314\214\064\154\342\043\057\331\022\032\041\271\125\221\157\013  
\221\171\031\014\255\100\210\013\160\342\172\322\016\330\150\110  
\273\202\023\071\020\130\351\330\052\007\306\022\333\130\333\322  
\073\125\020\107\005\025\147\142\176\030\143\246\106\077\011\016  
\124\062\136\277\015\142\172\047\357\200\350\333\331\113\006\132  
\067\132\045\320\010\022\167\324\157\011\120\227\075\310\035\303  
\337\214\105\060\126\306\323\144\253\146\363\300\136\226\234\303  
\304\357\303\174\153\213\072\171\177\263\111\317\075\342\211\237  
\240\060\113\205\271\234\224\044\171\217\175\153\251\105\150\017  
\053\320\361\332\034\313\151\270\312\111\142\155\310\320\143\142  
\335\140\017\130\252\217\241\274\005\245\146\242\317\033\166\262  
\204\144\261\114\071\122\300\060\272\360\214\113\002\260\266\267  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023

\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\107\270\315\377\345\157\356\370\262\354\057  
\116\016\371\045\260\216\074\153\303\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\000\040\043  
\101\065\004\220\302\100\142\140\357\342\065\114\327\077\254\342  
\064\220\270\241\157\166\372\026\026\244\110\067\054\351\220\302  
\362\074\370\012\237\330\201\345\273\133\332\045\054\244\247\125  
\161\044\062\366\310\013\362\274\152\370\223\254\262\007\302\137  
\237\333\314\310\212\252\276\152\157\341\111\020\314\061\327\200  
\273\273\310\330\242\016\144\127\352\242\365\302\251\061\025\322  
\040\152\354\374\042\001\050\317\206\270\200\036\251\314\021\245  
\074\362\026\263\107\235\374\322\200\041\304\313\320\107\160\101  
\241\312\203\031\010\054\155\362\135\167\234\212\024\023\324\066  
\034\222\360\345\006\067\334\246\346\220\233\070\217\134\153\033  
\106\206\103\102\137\076\001\007\123\124\135\145\175\367\212\163  
\241\232\124\132\037\051\103\024\047\302\205\017\265\210\173\032  
\073\224\267\035\140\247\265\234\347\051\151\127\132\233\223\172  
\103\060\033\003\327\142\310\100\246\252\374\144\344\112\327\221  
\123\001\250\040\210\156\234\137\104\271\313\140\201\064\354\157  
\323\175\332\110\137\353\264\220\274\055\251\034\013\254\034\325  
\242\150\040\200\004\326\374\261\217\057\273\112\061\015\112\206  
\034\353\342\066\051\046\365\332\330\304\362\165\141\317\176\256  
\166\143\112\172\100\145\223\207\370\036\200\214\206\345\206\326  
\217\016\374\123\054\140\350\026\141\032\242\076\103\173\315\071  
\140\124\152\365\362\211\046\001\150\203\110\242\063\350\311\004  
\221\262\021\064\021\076\352\320\103\031\037\003\223\220\014\377  
\121\075\127\364\101\156\341\313\240\276\353\311\143\315\155\314  
\344\370\066\252\150\235\355\275\135\227\160\104\015\266\016\065  
\334\341\014\135\273\240\121\224\313\176\026\353\021\057\243\222  
\105\310\114\161\331\274\311\231\122\127\106\057\120\317\275\065  
\151\364\075\025\316\006\245\054\017\076\366\201\272\224\273\303  
\273\277\145\170\322\206\171\377\111\073\032\203\014\360\336\170  
\354\310\362\115\114\032\336\202\051\370\301\132\332\355\356\346  
\047\136\350\105\320\235\034\121\250\150\253\104\343\320\213\152  
\343\370\073\273\334\115\327\144\362\121\276\346\252\253\132\351  
\061\356\006\274\163\277\023\142\012\237\307\271\227

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Buypass Class 3 Root CA"  
# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO  
# Serial Number: 2 (0x2)  
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO  
# Not Valid Before: Tue Oct 26 08:28:58 2010  
# Not Valid After : Fri Oct 26 08:28:58 2040

```

# Fingerprint (MD5): 3D:3B:18:9E:2C:64:5A:E8:D5:88:CE:0E:F9:37:C2:EC
# Fingerprint (SHA1): DA:FA:F7:FA:66:84:EC:06:8F:14:50:BD:C7:C2:81:A5:BC:A9:64:57
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 3 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\332\372\367\372\146\204\354\006\217\024\120\275\307\302\201\245
\274\251\144\127
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\075\073\030\236\054\144\132\350\325\210\316\016\371\067\302\354
END
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "T-TeleSec GlobalRoot Class 3"
#
# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:29:56 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): CA:FB:40:A8:4E:39:92:8A:1D:FE:8E:2F:C4:27:EA:EF
# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```



\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163  
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040  
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060  
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155  
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045  
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123  
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154  
\141\163\163\040\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164  
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123  
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035  
\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060  
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145  
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141  
\163\163\040\063\060\036\027\015\060\070\061\060\060\061\061\060  
\062\071\065\066\132\027\015\063\063\061\060\060\061\062\063\065  
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124  
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162  
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142  
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171  
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164  
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124  
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157  
\164\040\103\154\141\163\163\040\063\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017

\000\060\202\001\012\002\202\001\001\000\275\165\223\360\142\042  
\157\044\256\340\172\166\254\175\275\331\044\325\270\267\374\315  
\360\102\340\353\170\210\126\136\233\232\124\035\115\014\212\366  
\323\317\160\364\122\265\330\223\004\343\106\206\161\101\112\053  
\360\052\054\125\003\326\110\303\340\071\070\355\362\134\074\077  
\104\274\223\075\141\253\116\315\015\276\360\040\047\130\016\104  
\177\004\032\207\245\327\226\024\066\220\320\111\173\241\165\373  
\032\153\163\261\370\316\251\011\054\362\123\325\303\024\104\270  
\206\245\366\213\053\071\332\243\063\124\331\372\162\032\367\042  
\025\034\210\221\153\177\146\345\303\152\200\260\044\363\337\206  
\105\210\375\031\177\165\207\037\037\261\033\012\163\044\133\271  
\145\340\054\124\310\140\323\146\027\077\341\314\124\063\163\221  
\002\072\246\177\173\166\071\242\037\226\266\070\256\265\310\223  
\164\035\236\271\264\345\140\235\057\126\321\340\353\136\133\114  
\022\160\014\154\104\040\253\021\330\364\031\366\322\234\122\067  
\347\372\266\302\061\073\112\324\024\231\255\307\032\365\135\137  
\372\007\270\174\015\037\326\203\036\263\002\003\001\000\001\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\265  
\003\367\166\073\141\202\152\022\252\030\123\353\003\041\224\277  
\376\316\312\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\126\075\357\224\325\275\332\163\262  
\130\276\256\220\255\230\047\227\376\001\261\260\122\000\270\115  
\344\033\041\164\033\176\300\356\136\151\052\045\257\134\326\035  
\332\322\171\311\363\227\051\340\206\207\336\004\131\017\361\131  
\324\144\205\113\231\257\045\004\036\311\106\251\227\336\202\262  
\033\160\237\234\366\257\161\061\335\173\005\245\054\323\271\312  
\107\366\312\362\366\347\255\271\110\077\274\026\267\301\155\364  
\352\011\257\354\363\265\347\005\236\246\036\212\123\121\326\223  
\201\314\164\223\366\271\332\246\045\005\164\171\132\176\100\076  
\202\113\046\021\060\156\341\077\101\307\107\000\065\325\365\323  
\367\124\076\201\075\332\111\152\232\263\357\020\075\346\353\157  
\321\310\042\107\313\314\317\001\061\222\331\030\343\042\276\011  
\036\032\076\132\262\344\153\014\124\172\175\103\116\270\211\245  
\173\327\242\075\226\206\314\362\046\064\055\152\222\235\232\032  
\320\060\342\135\116\004\260\137\213\040\176\167\301\075\225\202  
\321\106\232\073\074\170\270\157\241\320\015\144\242\170\036\051  
\116\223\303\244\124\024\133

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "T-TeleSec GlobalRoot Class 3"

# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Serial Number: 1 (0x1)

```
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:29:56 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): CA:FB:40:A8:4E:39:92:8A:1D:FE:8E:2F:C4:27:EA:EF
# Fingerprint (SHA1): 55:A6:72:3E:CB:F2:EC:CD:C3:23:74:70:19:9D:2A:BE:11:E3:81:D1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\125\246\162\076\313\362\354\315\303\043\164\160\031\235\052\276
\021\343\201\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\373\100\250\116\071\222\212\035\376\216\057\304\047\352\357
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "EE Certification Centre Root CA"
#
# Issuer: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Serial Number:54:80:f9:a0:73:ed:3f:00:4c:ca:89:d8:e3:71:e6:4a
# Subject: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Not Valid Before: Sat Oct 30 10:10:30 2010
# Not Valid After : Tue Dec 17 23:59:59 2030
# Fingerprint (MD5): 43:5E:88:D4:7D:1A:4A:7E:FD:84:2E:52:EB:01:D4:6F
# Fingerprint (SHA1): C9:A8:B9:E7:55:80:5E:58:E3:53:77:A7:25:EB:AF:C3:7B:27:CC:D7
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EE Certification Centre Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153
\151\100\163\153\056\145\145
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153
\151\100\163\153\056\145\145
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\124\200\371\240\163\355\077\000\114\312\211\330\343\161
\346\112
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\003\060\202\002\353\240\003\002\001\002\002\020\124
\200\371\240\163\355\077\000\114\312\211\330\343\161\346\112\060
\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060\165
\061\013\060\011\006\003\125\004\006\023\002\105\105\061\042\060
\040\006\003\125\004\012\014\031\101\123\040\123\145\162\164\151
\146\151\164\163\145\145\162\151\155\151\163\153\145\163\153\165
\163\061\050\060\046\006\003\125\004\003\014\037\105\105\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\103\145\156
\164\162\145\040\122\157\157\164\040\103\101\061\030\060\026\006
\011\052\206\110\206\367\015\001\011\001\026\011\160\153\151\100
\163\153\056\145\145\060\042\030\017\062\060\063\060\061\062
\060\061\060\061\060\063\060\132\030\017\062\060\063\060\061\062
\061\067\062\063\065\071\065\071\132\060\165\061\013\060\011\006
\003\125\004\006\023\002\105\105\061\042\060\040\006\003\125\004
\012\014\031\101\123\040\123\145\162\164\151\146\151\164\163\145
\145\162\151\155\151\163\153\145\163\153\165\163\061\050\060\046
\006\003\125\004\003\014\037\105\105\040\103\145\162\164\151\146
```

\151\143\141\164\151\157\156\040\103\145\156\164\162\145\040\122  
\157\157\164\040\103\101\061\030\060\026\006\011\052\206\110\206  
\367\015\001\011\001\026\011\160\153\151\100\163\153\056\145\145  
\060\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001  
\000\310\040\300\354\340\305\113\253\007\170\225\363\104\356\373  
\013\014\377\164\216\141\273\261\142\352\043\330\253\241\145\062  
\172\353\216\027\117\226\330\012\173\221\242\143\154\307\214\114  
\056\171\277\251\005\374\151\134\225\215\142\371\271\160\355\303  
\121\175\320\223\346\154\353\060\113\341\274\175\277\122\233\316  
\156\173\145\362\070\261\300\242\062\357\142\262\150\340\141\123  
\301\066\225\377\354\224\272\066\256\234\034\247\062\017\345\174  
\264\306\157\164\375\173\030\350\254\127\355\006\040\113\062\060  
\130\133\375\315\250\346\241\374\160\274\216\222\163\333\227\247  
\174\041\256\075\301\365\110\207\154\047\275\237\045\164\201\125  
\260\367\165\366\075\244\144\153\326\117\347\316\100\255\017\335  
\062\323\274\212\022\123\230\311\211\373\020\035\115\176\315\176  
\037\126\015\041\160\205\366\040\203\037\366\272\037\004\217\352  
\167\210\065\304\377\352\116\241\213\115\077\143\033\104\303\104  
\324\045\166\312\267\215\327\036\112\146\144\315\134\305\234\203  
\341\302\010\210\232\354\116\243\361\076\034\054\331\154\035\241  
\113\002\003\001\000\001\243\201\212\060\201\207\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006  
\003\125\035\016\004\026\004\024\022\362\132\076\352\126\034\277  
\315\006\254\361\361\045\311\251\113\324\024\231\060\105\006\003  
\125\035\045\004\076\060\074\006\010\053\006\001\005\005\007\003  
\002\006\010\053\006\001\005\005\007\003\001\006\010\053\006\001  
\005\005\007\003\003\006\010\053\006\001\005\005\007\003\004\006  
\010\053\006\001\005\005\007\003\010\006\010\053\006\001\005\005  
\007\003\011\060\015\006\011\052\206\110\206\367\015\001\001\005  
\005\000\003\202\001\001\000\173\366\344\300\015\252\031\107\267  
\115\127\243\376\255\273\261\152\325\017\236\333\344\143\305\216  
\241\120\126\223\226\270\070\300\044\042\146\274\123\024\141\225  
\277\320\307\052\226\071\077\175\050\263\020\100\041\152\304\257  
\260\122\167\030\341\226\330\126\135\343\335\066\136\035\247\120  
\124\240\305\052\344\252\214\224\212\117\235\065\377\166\244\006  
\023\221\242\242\175\000\104\077\125\323\202\074\032\325\133\274  
\126\114\042\056\106\103\212\044\100\055\363\022\270\073\160\032  
\244\226\271\032\257\207\101\032\152\030\015\006\117\307\076\156  
\271\051\115\015\111\211\021\207\062\133\346\113\004\310\344\134  
\346\164\163\224\135\026\230\023\225\376\373\333\261\104\345\072  
\160\254\067\153\346\263\063\162\050\311\263\127\240\366\002\026  
\210\006\013\266\246\113\040\050\324\336\075\213\255\067\005\123  
\164\376\156\314\274\103\027\161\136\371\305\314\032\251\141\356  
\367\166\014\363\162\364\162\255\317\162\002\066\007\107\317\357  
\031\120\211\140\314\351\044\225\017\302\313\035\362\157\166\220  
\307\314\165\301\226\305\235

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "EE Certification Centre Root CA"
# Issuer: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Serial Number:54:80:f9:a0:73:ed:3f:00:4c:ca:89:d8:e3:71:e6:4a
# Subject: E=pki@sk.ee,CN=EE Certification Centre Root CA,O=AS Sertifitseerimiskeskus,C=EE
# Not Valid Before: Sat Oct 30 10:10:30 2010
# Not Valid After : Tue Dec 17 23:59:59 2030
# Fingerprint (MD5): 43:5E:88:D4:7D:1A:4A:7E:FD:84:2E:52:EB:01:D4:6F
# Fingerprint (SHA1): C9:A8:B9:E7:55:80:5E:58:E3:53:77:A7:25:EB:AF:C3:7B:27:CC:D7
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EE Certification Centre Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\311\250\271\347\125\200\136\130\343\123\167\247\045\353\257\303
\173\047\314\327
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\136\210\324\175\032\112\176\375\204\056\122\353\001\324\157
END
CKA_ISSUER MULTILINE_OCTAL
\060\165\061\013\060\011\006\003\125\004\006\023\002\105\105\061
\042\060\040\006\003\125\004\012\014\031\101\123\040\123\145\162
\164\151\146\151\164\163\145\145\162\151\155\151\163\153\145\163
\153\165\163\061\050\060\046\006\003\125\004\003\014\037\105\105
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\103
\145\156\164\162\145\040\122\157\157\164\040\103\101\061\030\060
\026\006\011\052\206\110\206\367\015\001\011\001\026\011\160\153
\151\100\163\153\056\145\145
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\124\200\371\240\163\355\077\000\114\312\211\330\343\161
\346\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 1", Bug 825022
# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik
Sunucu Sertifikas.. Hizmetleri
# Serial Number: 2087 (0x827)

```

```
# Subject: CN=*.EGO.GOV.TR,OU=EGO BILGI ISLEM,O=EGO,L=ANKARA,ST=ANKARA,C=TR
# Not Valid Before: Mon Aug 08 07:07:51 2011
# Not Valid After : Tue Jul 06 07:07:51 2021
# Fingerprint (MD5): F8:F5:25:FF:0C:31:CF:85:E1:0C:86:17:C1:CE:1F:8E
# Fingerprint (SHA1): C6:9F:28:C8:25:13:9E:65:A6:46:C4:34:AC:A5:A1:D2:00:29:5D:B1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TURKTRUST Mis-issued Intermediate CA 1"
CKA_ISSUER MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\165\156\165\143\165\040\123\145\162\164\151
\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145
\162\151\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\136\060\134\006\003\125\004\012\014\125\124\303\234\122\113\124
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164
\151\305\237\151\155\040\166\145\040\102\151\154\151\305\237\151
\155\040\107\303\274\166\145\156\154\151\304\237\151\040\110\151
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\040\050
\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\047
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 2", Bug 825022
# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik
Sunucu Sertifikas.. Hizmetleri
# Serial Number: 2148 (0x864)
# Subject: E=ileti@kktcmerkezbankasi.org,CN=e-islem.kktcmerkezbankasi.org,O=KKTC Merkez
Bankasi,L=Lefkosa,ST=Lefkosa,C=TR
# Not Valid Before: Mon Aug 08 07:07:51 2011
# Not Valid After : Thu Aug 05 07:07:51 2021
# Fingerprint (MD5): BF:C3:EC:AD:0F:42:4F:B4:B5:38:DB:35:BF:AD:84:A2
# Fingerprint (SHA1): F9:2B:E5:26:6C:C0:5D:B2:DC:0D:C3:F2:DC:74:E0:2D:EF:D9:49:CB
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TURKTRUST Mis-issued Intermediate CA 2"
CKA_ISSUER MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303
```

```
\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157
\156\151\153\040\123\165\156\165\143\165\040\123\145\162\164\151
\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145
\162\151\061\013\060\011\006\003\125\004\006\023\002\124\122\061
\136\060\134\006\003\125\004\012\014\125\124\303\234\122\113\124
\122\125\123\124\040\102\151\154\147\151\040\304\260\154\145\164
\151\305\237\151\155\040\166\145\040\102\151\154\151\305\237\151
\155\040\107\303\274\166\145\156\154\151\304\237\151\040\110\151
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\040\050
\143\051\040\113\141\163\304\261\155\040\040\062\060\060\065
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\002\010\144
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_NOT\_TRUSTED

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "D-TRUST Root Class 3 CA 2 2009"

#

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE

# Serial Number: 623603 (0x983f3)

# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE

# Not Valid Before: Thu Nov 05 08:35:58 2009

# Not Valid After : Mon Nov 05 08:35:58 2029

# Fingerprint (MD5): CD:E0:25:69:8D:47:AC:9C:89:35:90:F7:FD:51:3D:2F

# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
```



\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\003\011\203\363  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\004\063\060\202\003\033\240\003\002\001\002\002\003\011  
\203\363\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165  
\163\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003  
\014\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\154\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071  
\060\036\027\015\060\071\061\061\060\065\060\070\063\065\065\070  
\132\027\015\062\071\061\061\060\065\060\070\063\065\065\070\132  
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061  
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163  
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014  
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154  
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071\060  
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000  
\323\262\112\317\172\107\357\165\233\043\372\072\057\326\120\105  
\211\065\072\306\153\333\376\333\000\150\250\340\003\021\035\067  
\120\010\237\115\112\150\224\065\263\123\321\224\143\247\040\126  
\257\336\121\170\354\052\075\363\110\110\120\076\012\337\106\125  
\213\047\155\303\020\115\015\221\122\103\330\207\340\135\116\066  
\265\041\312\137\071\100\004\137\133\176\314\243\306\053\251\100  
\036\331\066\204\326\110\363\222\036\064\106\040\044\301\244\121  
\216\112\032\357\120\077\151\135\031\177\105\303\307\001\217\121  
\311\043\350\162\256\264\274\126\011\177\022\313\034\261\257\051  
\220\012\311\125\314\017\323\264\032\355\107\065\132\112\355\234  
\163\004\041\320\252\275\014\023\265\000\312\046\154\304\153\014  
\224\132\225\224\332\120\232\361\377\245\053\146\061\244\311\070  
\240\337\035\037\270\011\056\363\247\350\147\122\253\225\037\340  
\106\076\330\244\303\312\132\305\061\200\350\110\232\237\224\151  
\376\031\335\330\163\174\201\312\226\336\216\355\263\062\005\145  
\204\064\346\346\375\127\020\265\137\166\277\057\260\020\015\305  
\002\003\001\000\001\243\202\001\032\060\202\001\026\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035  
\006\003\125\035\016\004\026\004\024\375\332\024\304\237\060\336  
\041\275\036\102\071\374\253\143\043\111\340\361\204\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\323  
\006\003\125\035\037\004\201\313\060\201\310\060\201\200\240\176  
\240\174\206\172\154\144\141\160\072\057\057\144\151\162\145\143  
\164\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164  
\057\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157  
\157\164\045\062\060\103\154\141\163\163\045\062\060\063\045\062

\060\103\101\045\062\060\062\045\062\060\062\060\060\071\054\117  
\075\104\055\124\162\165\163\164\045\062\060\107\155\142\110\054  
\103\075\104\105\077\143\145\162\164\151\146\151\143\141\164\145  
\162\145\166\157\143\141\164\151\157\156\154\151\163\164\060\103  
\240\101\240\077\206\075\150\164\164\160\072\057\057\167\167\167  
\056\144\055\164\162\165\163\164\056\156\145\164\057\143\162\154  
\057\144\055\164\162\165\163\164\137\162\157\157\164\137\143\154  
\141\163\163\137\063\137\143\141\137\062\137\062\060\060\071\056  
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\177\227\333\060\310\337\244\234\175  
\041\172\200\160\316\024\022\151\210\024\225\140\104\001\254\262  
\351\060\117\233\120\302\146\330\176\215\060\265\160\061\351\342  
\151\307\363\160\333\040\025\206\320\015\360\276\254\001\165\204  
\316\176\237\115\277\267\140\073\234\363\312\035\342\136\150\330  
\243\235\227\345\100\140\322\066\041\376\320\264\270\027\332\164  
\243\177\324\337\260\230\002\254\157\153\153\054\045\044\162\241  
\145\356\045\132\345\346\062\347\362\337\253\111\372\363\220\151  
\043\333\004\331\347\134\130\374\145\324\227\276\314\374\056\012  
\314\045\052\065\004\370\140\221\025\165\075\101\377\043\037\031  
\310\154\353\202\123\004\246\344\114\042\115\215\214\272\316\133  
\163\354\144\124\120\155\321\234\125\373\151\303\066\303\214\274  
\074\205\246\153\012\046\015\340\223\230\140\256\176\306\044\227  
\212\141\137\221\216\146\222\011\207\066\315\213\233\055\076\366  
\121\324\120\324\131\050\275\203\362\314\050\173\123\206\155\330  
\046\210\160\327\352\221\315\076\271\312\300\220\156\132\306\136  
\164\145\327\134\376\243\342

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 2009"

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE

# Serial Number: 623603 (0x983f3)

# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE

# Not Valid Before: Thu Nov 05 08:35:58 2009

# Not Valid After : Mon Nov 05 08:35:58 2029

# Fingerprint (MD5): CD:E0:25:69:8D:47:AC:9C:89:35:90:F7:FD:51:3D:2F

# Fingerprint (SHA1): 58:E8:AB:B0:36:15:33:FB:80:F7:9B:1B:6D:29:D3:FF:8D:5F:00:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\130\350\253\260\066\025\063\373\200\367\233\033\155\051\323\377

\215\137\000\360

END

```

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\340\045\151\215\107\254\234\211\065\220\367\375\121\075\057
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\047\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root Class 3 CA 2 EV 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
# Fingerprint (MD5): AA:C6:43:2C:5E:2D:CD:C4:34:C0:50:4F:11:02:4F:B6
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154

```

\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060  
\060\071  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\003\011\203\364  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\004\103\060\202\003\053\240\003\002\001\002\002\003\011  
\203\364\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105  
\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165  
\163\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003  
\014\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\154\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062  
\060\060\071\060\036\027\015\060\071\061\061\060\065\060\070\065  
\060\064\066\132\027\015\062\071\061\061\060\065\060\070\065\060  
\064\066\132\060\120\061\013\060\011\006\003\125\004\006\023\002  
\104\105\061\025\060\023\006\003\125\004\012\014\014\104\055\124  
\162\165\163\164\040\107\155\142\110\061\052\060\050\006\003\125  
\004\003\014\041\104\055\124\122\125\123\124\040\122\157\157\164  
\040\103\154\141\163\163\040\063\040\103\101\040\062\040\105\126  
\040\062\060\060\071\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\231\361\204\064\160\272\057\267\060\240  
\216\275\174\004\317\276\142\274\231\375\202\227\322\172\012\147  
\226\070\011\366\020\116\225\042\163\231\215\332\025\055\347\005  
\374\031\163\042\267\216\230\000\274\074\075\254\241\154\373\326  
\171\045\113\255\360\314\144\332\210\076\051\270\017\011\323\064  
\335\063\365\142\321\341\315\031\351\356\030\117\114\130\256\342  
\036\326\014\133\025\132\330\072\270\304\030\144\036\343\063\262  
\265\211\167\116\014\277\331\224\153\023\227\157\022\243\376\231  
\251\004\314\025\354\140\150\066\355\010\173\267\365\277\223\355  
\146\061\203\214\306\161\064\207\116\027\352\257\213\221\215\034  
\126\101\256\042\067\136\067\362\035\331\321\055\015\057\151\121  
\247\276\146\246\212\072\052\275\307\032\261\341\024\360\276\072  
\035\271\317\133\261\152\376\264\261\106\040\242\373\036\073\160  
\357\223\230\175\214\163\226\362\305\357\205\160\255\051\046\374  
\036\004\076\034\240\330\017\313\122\203\142\174\356\213\123\225  
\220\251\127\242\352\141\005\330\371\115\304\047\372\156\255\355  
\371\327\121\367\153\245\002\003\001\000\001\243\202\001\044\060  
\202\001\040\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\323  
\224\212\114\142\023\052\031\056\314\257\162\212\175\066\327\232  
\034\334\147\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\201\335\006\003\125\035\037\004\201\325\060\201  
\322\060\201\207\240\201\204\240\201\201\206\177\154\144\141\160  
\072\057\057\144\151\162\145\143\164\157\162\171\056\144\055\164  
\162\165\163\164\056\156\145\164\057\103\116\075\104\055\124\122

\125\123\124\045\062\060\122\157\157\164\045\062\060\103\154\141  
\163\163\045\062\060\063\045\062\060\103\101\045\062\060\062\045  
\062\060\105\126\045\062\060\062\060\060\071\054\117\075\104\055  
\124\162\165\163\164\045\062\060\107\155\142\110\054\103\075\104  
\105\077\143\145\162\164\151\146\151\143\141\164\145\162\145\166  
\157\143\141\164\151\157\156\154\151\163\164\060\106\240\104\240  
\102\206\100\150\164\164\160\072\057\057\167\167\167\056\144\055  
\164\162\165\163\164\056\156\145\164\057\143\162\154\057\144\055  
\164\162\165\163\164\137\162\157\157\164\137\143\154\141\163\163  
\137\063\137\143\141\137\062\137\145\166\137\062\060\060\071\056  
\143\162\154\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\064\355\173\132\074\244\224\210\357  
\032\021\165\007\057\263\376\074\372\036\121\046\353\207\366\051  
\336\340\361\324\306\044\011\351\301\317\125\033\264\060\331\316  
\032\376\006\121\246\025\244\055\357\262\113\277\040\050\045\111  
\321\246\066\167\064\350\144\337\122\261\021\307\163\172\315\071  
\236\302\255\214\161\041\362\132\153\257\337\074\116\125\257\262  
\204\145\024\211\271\167\313\052\061\276\317\243\155\317\157\110  
\224\062\106\157\347\161\214\240\246\204\031\067\007\362\003\105  
\011\053\206\165\174\337\137\151\127\000\333\156\330\246\162\042  
\113\120\324\165\230\126\337\267\030\377\103\103\120\256\172\104  
\173\360\171\121\327\103\075\247\323\201\323\360\311\117\271\332  
\306\227\206\320\202\303\344\102\155\376\260\342\144\116\016\046  
\347\100\064\046\265\010\211\327\010\143\143\070\047\165\036\063  
\352\156\250\335\237\231\117\164\115\201\211\200\113\335\232\227  
\051\134\057\276\201\101\271\214\377\352\175\140\006\236\315\327  
\075\323\056\243\025\274\250\346\046\345\157\303\334\270\003\041  
\352\237\026\361\054\124\265

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 EV 2009"  
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE  
# Serial Number: 623604 (0x983f4)  
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE  
# Not Valid Before: Thu Nov 05 08:50:46 2009  
# Not Valid After : Mon Nov 05 08:50:46 2029  
# Fingerprint (MD5): AA:C6:43:2C:5E:2D:CD:C4:34:C0:50:4F:11:02:4F:B6  
# Fingerprint (SHA1): 96:C9:1B:0B:95:B4:10:98:42:FA:D0:D8:22:79:FE:60:FA:B9:16:83  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\226\311\033\013\225\264\020\230\102\372\320\330\042\171\376\140

```
\372\271\026\203
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\306\103\054\136\055\315\304\064\300\120\117\021\002\117\266
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "CA Disig Root R2"
#
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Not Valid Before: Thu Jul 19 09:15:30 2012
# Not Valid After : Sat Jul 19 09:15:30 2042
# Fingerprint (MD5): 26:01:FB:D8:27:A7:17:9A:45:54:38:1A:43:01:3B:03
# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
```

\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163  
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104  
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125  
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157  
\164\040\122\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\222\270\210\333\260\212\301\143

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\151\060\202\003\121\240\003\002\001\002\002\011\000  
\222\270\210\333\260\212\301\143\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\122\061\013\060\011\006\003\125  
\004\006\023\002\123\113\061\023\060\021\006\003\125\004\007\023  
\012\102\162\141\164\151\163\154\141\166\141\061\023\060\021\006  
\003\125\004\012\023\012\104\151\163\151\147\040\141\056\163\056  
\061\031\060\027\006\003\125\004\003\023\020\103\101\040\104\151  
\163\151\147\040\122\157\157\164\040\122\062\060\036\027\015\061  
\062\060\067\061\071\060\071\061\065\063\060\132\027\015\064\062  
\060\067\061\071\060\071\061\065\063\060\132\060\122\061\013\060  
\011\006\003\125\004\006\023\002\123\113\061\023\060\021\006\003  
\125\004\007\023\012\102\162\141\164\151\163\154\141\166\141\061  
\023\060\021\006\003\125\004\012\023\012\104\151\163\151\147\040  
\141\056\163\056\061\031\060\027\006\003\125\004\003\023\020\103  
\101\040\104\151\163\151\147\040\122\157\157\164\040\122\062\060  
\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000  
\242\243\304\000\011\326\205\135\055\155\024\366\302\303\163\236  
\065\302\161\125\176\201\373\253\106\120\340\301\174\111\170\346  
\253\171\130\074\332\377\174\034\237\330\227\002\170\076\153\101  
\004\351\101\275\276\003\054\105\366\057\144\324\253\135\243\107  
\075\144\233\351\150\232\306\314\033\077\272\276\262\213\064\002  
\056\230\125\031\374\214\157\252\137\332\114\316\115\003\041\243  
\330\322\064\223\126\226\313\114\014\000\026\074\137\032\315\310  
\307\154\246\255\323\061\247\274\350\345\341\146\326\322\373\003  
\264\101\145\311\020\256\016\005\143\306\200\152\151\060\375\322  
\356\220\357\015\047\337\237\225\163\364\341\045\332\154\026\336  
\101\070\064\352\213\374\321\350\004\024\141\055\101\176\254\307  
\167\116\313\121\124\373\136\222\030\033\004\132\150\306\311\304  
\372\267\023\240\230\267\021\053\267\326\127\314\174\236\027\321  
\313\045\376\206\116\044\056\126\014\170\115\236\001\022\246\053  
\247\001\145\156\174\142\035\204\204\337\352\300\153\265\245\052  
\225\203\303\123\021\014\163\035\013\262\106\220\321\102\072\316  
\100\156\225\255\377\306\224\255\156\227\204\216\175\157\236\212  
\200\015\111\155\163\342\173\222\036\303\363\301\363\353\056\005  
\157\331\033\317\067\166\004\310\264\132\344\027\247\313\335\166  
\037\320\031\166\350\054\005\263\326\234\064\330\226\334\141\207  
\221\005\344\104\010\063\301\332\271\010\145\324\256\262\066\015

\353\272\070\272\014\345\233\236\353\215\146\335\231\317\326\211  
\101\366\004\222\212\051\051\155\153\072\034\347\165\175\002\161  
\016\363\300\347\275\313\031\335\235\140\262\302\146\140\266\261  
\004\356\311\346\206\271\232\146\100\250\347\021\355\201\105\003  
\213\366\147\131\350\301\006\021\275\335\317\200\002\117\145\100  
\170\134\107\120\310\233\346\037\201\173\344\104\250\133\205\232  
\342\336\132\325\307\371\072\104\146\113\344\062\124\174\344\154  
\234\263\016\075\027\242\262\064\022\326\176\262\250\111\273\321  
\172\050\100\276\242\026\037\337\344\067\037\021\163\373\220\012  
\145\103\242\015\174\370\006\001\125\063\175\260\015\270\364\365  
\256\245\102\127\174\066\021\214\173\136\304\003\235\214\171\235  
\002\003\001\000\001\243\102\060\100\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\035\006\003\125\035  
\016\004\026\004\024\265\231\370\257\260\224\365\343\040\326\012  
\255\316\116\126\244\056\156\102\355\060\015\006\011\052\206\110  
\206\367\015\001\001\013\005\000\003\202\002\001\000\046\006\136  
\160\347\145\063\310\202\156\331\234\027\072\033\172\146\262\001  
\366\170\073\151\136\057\352\377\116\371\050\303\230\052\141\114  
\264\044\022\212\175\155\021\024\367\234\265\312\346\274\236\047  
\216\114\031\310\251\275\172\300\327\066\016\155\205\162\156\250  
\306\242\155\366\372\163\143\177\274\156\171\010\034\235\212\237  
\032\212\123\246\330\273\331\065\125\261\021\305\251\003\263\126  
\073\271\204\223\042\136\176\301\366\022\122\213\352\054\147\274  
\376\066\114\365\270\317\321\263\111\222\073\323\051\016\231\033  
\226\367\141\270\073\304\053\266\170\154\264\043\157\360\375\323  
\262\136\165\037\231\225\250\254\366\332\341\305\061\173\373\321  
\106\263\322\274\147\264\142\124\272\011\367\143\260\223\242\232  
\371\351\122\056\213\140\022\253\374\365\140\126\357\020\134\213  
\304\032\102\334\203\133\144\016\313\265\274\326\117\301\174\074  
\156\215\023\155\373\173\353\060\320\334\115\257\305\325\266\245  
\114\133\161\311\350\061\276\350\070\006\110\241\032\342\352\322  
\336\022\071\130\032\377\200\016\202\165\346\267\311\007\154\016  
\357\377\070\361\230\161\304\267\177\016\025\320\045\151\275\042  
\235\053\355\005\366\106\107\254\355\300\360\324\073\342\354\356  
\226\133\220\023\116\036\126\072\353\260\357\226\273\226\043\021  
\272\362\103\206\164\144\225\310\050\165\337\035\065\272\322\067  
\203\070\123\070\066\073\317\154\351\371\153\016\320\373\004\350  
\117\167\327\145\001\170\206\014\172\076\041\142\361\177\143\161  
\014\311\237\104\333\250\047\242\165\276\156\201\076\327\300\353  
\033\230\017\160\134\064\262\212\314\300\205\030\353\156\172\263  
\367\132\241\007\277\251\102\222\363\140\042\227\344\024\241\007  
\233\116\166\300\216\175\375\244\045\307\107\355\377\037\163\254  
\314\303\245\351\157\012\216\233\145\302\120\205\265\243\240\123  
\022\314\125\207\141\363\201\256\020\106\141\275\104\041\270\302  
\075\164\317\176\044\065\372\034\007\016\233\075\042\312\357\061  
\057\214\254\022\275\357\100\050\374\051\147\237\262\023\117\146  
\044\304\123\031\351\036\051\025\357\346\155\260\177\055\147\375



\363\154\033\165\106\243\345\112\027\351\244\327\013

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "CA Disig Root R2"

# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK

# Serial Number:00:92:b8:88:db:b0:8a:c1:63

# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK

# Not Valid Before: Thu Jul 19 09:15:30 2012

# Not Valid After : Sat Jul 19 09:15:30 2042

# Fingerprint (MD5): 26:01:FB:D8:27:A7:17:9A:45:54:38:1A:43:01:3B:03

# Fingerprint (SHA1): B5:61:EB:EA:A4:DE:E4:25:4B:69:1A:98:A5:57:47:C2:34:C7:D9:71

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "CA Disig Root R2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\265\141\353\352\244\336\344\045\113\151\032\230\245\127\107\302  
\064\307\331\161

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\046\001\373\330\047\247\027\232\105\124\070\032\103\001\073\003  
END

CKA\_ISSUER MULTILINE\_OCTAL

\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061  
\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163  
\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104  
\151\163\151\147\040\141\056\163\056\061\031\060\027\006\003\125  
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157  
\164\040\122\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\222\270\210\333\260\212\301\143

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "ACCVRAIZ1"

#

# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

# Serial Number:5e:c3:b7:a6:43:7f:a4:e0

# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1

```
# Not Valid Before: Thu May 05 09:37:37 2011
# Not Valid After : Tue Dec 31 09:37:37 2030
# Fingerprint (MD5): D0:A0:5A:EE:05:B6:09:94:21:A1:7D:F1:B2:29:82:02
# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\136\303\267\246\103\177\244\340
END
CKA_VALUE MULTILINE_OCTAL
\060\202\007\323\060\202\005\273\240\003\002\001\002\002\010\136
\303\267\246\103\177\244\340\060\015\006\011\052\206\110\206\367
\015\001\001\005\005\000\060\102\061\022\060\020\006\003\125\004
\003\014\011\101\103\103\126\122\101\111\132\061\061\020\060\016
\006\003\125\004\013\014\007\120\113\111\101\103\103\126\061\015
\060\013\006\003\125\004\012\014\004\101\103\103\126\061\013\060
\011\006\003\125\004\006\023\002\105\123\060\036\027\015\061\061
\060\065\060\065\060\071\063\067\063\067\132\027\015\063\060\061
\062\063\061\060\071\063\067\063\067\132\060\102\061\022\060\020
\006\003\125\004\003\014\011\101\103\103\126\122\101\111\132\061
\061\020\060\016\006\003\125\004\013\014\007\120\113\111\101\103
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\302\130\200\033\240\227\241\374\131\215\351\021\366\321\017\113
\125\064\106\052\213\206\073
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END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "ACCVRAIZ1"
```

```
# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
```

```
# Serial Number:5e:c3:b7:a6:43:7f:a4:e0
```

```
# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
```

```
# Not Valid Before: Thu May 05 09:37:37 2011
```

```
# Not Valid After : Tue Dec 31 09:37:37 2030
```

```
# Fingerprint (MD5): D0:A0:5A:EE:05:B6:09:94:21:A1:7D:F1:B2:29:82:02
```

```
# Fingerprint (SHA1): 93:05:7A:88:15:C6:4F:CE:88:2F:FA:91:16:52:28:78:BC:53:64:17
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ACCVRAIZ1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\223\005\172\210\025\306\117\316\210\057\372\221\026\122\050\170
\274\123\144\027
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END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
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\320\240\132\356\005\266\011\224\041\241\175\361\262\051\202\002
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END

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CKA_ISSUER MULTILINE_OCTAL
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\060\102\061\022\060\020\006\003\125\004\003\014\011\101\103\103
\126\122\101\111\132\061\061\020\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\103\126\061\015\060\013\006\003\125\004
\012\014\004\101\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
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END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\010\136\303\267\246\103\177\244\340
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "TWCA Global Root CA"

#

# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

# Serial Number: 3262 (0xcbe)

# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW

# Not Valid Before: Wed Jun 27 06:28:33 2012

# Not Valid After : Tue Dec 31 15:59:59 2030

# Fingerprint (MD5): F9:03:7E:CF:E6:9E:3C:73:7A:2A:90:07:69:FF:2B:96

# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TWCA Global Root CA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
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\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023  
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061  
\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023  
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\014\276

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\101\060\202\003\051\240\003\002\001\002\002\002\014  
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\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116  
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157  
\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023  
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164  
\040\103\101\060\036\027\015\061\062\060\066\062\067\060\066\062

\070\063\063\132\027\015\063\060\061\062\063\061\061\065\065\071  
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\126\050\240\376\273\206\152\310\372\134\013\130\334\306\113\166  
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\370\223\166\101\336\122\340\341\127\322\235\003\274\167\236\376  
\236\051\136\367\301\121\140\037\336\332\013\262\055\165\267\103  
\110\223\347\366\171\306\204\135\200\131\140\224\374\170\230\217  
\074\223\121\355\100\220\007\337\144\143\044\313\116\161\005\241  
\327\224\032\210\062\361\042\164\042\256\245\246\330\022\151\114  
\140\243\002\356\053\354\324\143\222\013\136\276\057\166\153\243  
\266\046\274\217\003\330\012\362\114\144\106\275\071\142\345\226  
\353\064\143\021\050\314\225\361\255\357\357\334\200\130\110\351  
\113\270\352\145\254\351\374\200\265\265\310\105\371\254\301\237  
\331\271\352\142\210\216\304\361\113\203\022\255\346\213\204\326  
\236\302\353\203\030\237\152\273\033\044\140\063\160\314\354\367  
\062\363\134\331\171\175\357\236\244\376\311\043\303\044\356\025  
\222\261\075\221\117\046\206\275\146\163\044\023\352\244\256\143  
\301\255\175\204\003\074\020\170\206\033\171\343\304\363\362\004  
\225\040\256\043\202\304\263\072\000\142\277\346\066\044\341\127  
\272\307\036\220\165\325\137\077\225\141\053\301\073\315\345\263  
\150\141\320\106\046\251\041\122\151\055\353\056\307\353\167\316  
\246\072\265\003\063\117\166\321\347\134\124\001\135\313\170\364  
\311\014\277\317\022\216\027\055\043\150\224\347\253\376\251\262  
\053\006\320\004\315

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TWCA Global Root CA"  
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW  
# Serial Number: 3262 (0xcbe)  
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW  
# Not Valid Before: Wed Jun 27 06:28:33 2012  
# Not Valid After : Tue Dec 31 15:59:59 2030  
# Fingerprint (MD5): F9:03:7E:CF:E6:9E:3C:73:7A:2A:90:07:69:FF:2B:96  
# Fingerprint (SHA1): 9C:BB:48:53:F6:A4:F6:D3:52:A4:E8:32:52:55:60:13:F5:AD:AF:65  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "TWCA Global Root CA"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL



\234\273\110\123\366\244\366\323\122\244\350\062\122\125\140\023

\365\255\257\145

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\371\003\176\317\346\236\074\163\172\052\220\007\151\377\053\226

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\124\127\061

\022\060\020\006\003\125\004\012\023\011\124\101\111\127\101\116

\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157

\157\164\040\103\101\061\034\060\032\006\003\125\004\003\023\023

\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164

\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\002\014\276

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "TeliaSonera Root CA v1"

#

# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera

# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96

# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera

# Not Valid Before: Thu Oct 18 12:00:50 2007

# Not Valid After : Mon Oct 18 12:00:50 2032

# Fingerprint (MD5): 37:41:49:1B:18:56:9A:26:F5:AD:C2:66:FB:40:A5:4C

# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TeliaSonera Root CA v1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154

\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004

\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122

\157\157\164\040\103\101\040\166\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154

\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004

\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122  
\157\157\164\040\103\101\040\166\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372  
\213\315\226

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\070\060\202\003\040\240\003\002\001\002\002\021\000  
\225\276\026\240\367\056\106\361\173\071\202\162\372\213\315\226  
\060\015\006\011\052\206\110\206\367\015\001\001\005\005\000\060  
\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154\151  
\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004\003  
\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122\157  
\157\164\040\103\101\040\166\061\060\036\027\015\060\067\061\060  
\061\070\061\062\060\060\065\060\132\027\015\063\062\061\060\061  
\070\061\062\060\060\065\060\132\060\067\061\024\060\022\006\003  
\125\004\012\014\013\124\145\154\151\141\123\157\156\145\162\141  
\061\037\060\035\006\003\125\004\003\014\026\124\145\154\151\141  
\123\157\156\145\162\141\040\122\157\157\164\040\103\101\040\166  
\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\302\276\353\047\360\041\243\363\151\046\125\176\235\305  
\125\026\221\134\375\357\041\277\123\200\172\055\322\221\214\143  
\061\360\354\044\360\303\245\322\162\174\020\155\364\067\267\345  
\346\174\171\352\214\265\202\213\256\110\266\254\000\334\145\165  
\354\052\115\137\301\207\365\040\145\053\201\250\107\076\211\043  
\225\060\026\220\177\350\127\007\110\347\031\256\277\105\147\261  
\067\033\006\052\376\336\371\254\175\203\373\136\272\344\217\227  
\147\276\113\216\215\144\007\127\070\125\151\064\066\075\023\110  
\357\117\342\323\146\036\244\317\032\267\136\066\063\324\264\006  
\275\030\001\375\167\204\120\000\105\365\214\135\350\043\274\176  
\376\065\341\355\120\173\251\060\215\031\323\011\216\150\147\135  
\277\074\227\030\123\273\051\142\305\312\136\162\301\307\226\324  
\333\055\240\264\037\151\003\354\352\342\120\361\014\074\360\254  
\363\123\055\360\034\365\355\154\071\071\163\200\026\310\122\260  
\043\315\340\076\334\335\074\107\240\273\065\212\342\230\150\213  
\276\345\277\162\356\322\372\245\355\022\355\374\230\030\251\046  
\166\334\050\113\020\040\034\323\177\026\167\055\355\157\200\367  
\111\273\123\005\273\135\150\307\324\310\165\026\077\211\132\213  
\367\027\107\324\114\361\322\211\171\076\115\075\230\250\141\336  
\072\036\322\370\136\003\340\301\311\034\214\323\215\115\323\225  
\066\263\067\137\143\143\233\063\024\360\055\046\153\123\174\211  
\214\062\302\156\354\075\041\000\071\311\241\150\342\120\203\056  
\260\072\053\363\066\240\254\057\344\157\141\302\121\011\071\076  
\213\123\271\273\147\332\334\123\271\166\131\066\235\103\345\040  
\340\075\062\140\205\042\121\267\307\063\273\335\025\057\244\170  
\246\007\173\201\106\066\004\206\335\171\065\307\225\054\073\260

\243\027\065\345\163\037\264\134\131\357\332\352\020\145\173\172  
\320\177\237\263\264\052\067\073\160\213\233\133\271\053\267\354  
\262\121\022\227\123\051\132\324\360\022\020\334\117\002\273\022  
\222\057\142\324\077\151\103\174\015\326\374\130\165\001\210\235  
\130\026\113\336\272\220\377\107\001\211\006\152\366\137\262\220  
\152\263\002\246\002\210\277\263\107\176\052\331\325\372\150\170  
\065\115\002\003\001\000\001\243\077\060\075\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\013\006\003  
\125\035\017\004\004\003\002\001\006\060\035\006\003\125\035\016  
\004\026\004\024\360\217\131\070\000\263\365\217\232\226\014\325  
\353\372\173\252\027\350\023\022\060\015\006\011\052\206\110\206  
\367\015\001\001\005\005\000\003\202\002\001\000\276\344\134\142  
\116\044\364\014\010\377\360\323\014\150\344\223\111\042\077\104  
\047\157\273\155\336\203\146\316\250\314\015\374\365\232\006\345  
\167\024\221\353\235\101\173\231\052\204\345\377\374\041\301\135  
\360\344\037\127\267\165\251\241\137\002\046\377\327\307\367\116  
\336\117\370\367\034\106\300\172\117\100\054\042\065\360\031\261  
\320\153\147\054\260\250\340\300\100\067\065\366\204\134\134\343  
\257\102\170\376\247\311\015\120\352\015\204\166\366\121\357\203  
\123\306\172\377\016\126\111\056\217\172\326\014\346\047\124\343  
\115\012\140\162\142\315\221\007\326\245\277\310\231\153\355\304  
\031\346\253\114\021\070\305\157\061\342\156\111\310\077\166\200  
\046\003\046\051\340\066\366\366\040\123\343\027\160\064\027\235  
\143\150\036\153\354\303\115\206\270\023\060\057\135\106\015\107  
\103\325\033\252\131\016\271\134\215\006\110\255\164\207\137\307  
\374\061\124\101\023\342\307\041\016\236\340\036\015\341\300\173  
\103\205\220\305\212\130\306\145\012\170\127\362\306\043\017\001  
\331\040\113\336\017\373\222\205\165\052\134\163\215\155\173\045  
\221\312\356\105\256\006\113\000\314\323\261\131\120\332\072\210  
\073\051\103\106\136\227\053\124\316\123\157\215\112\347\226\372  
\277\161\016\102\213\174\375\050\240\320\110\312\332\304\201\114  
\273\242\163\223\046\310\353\014\326\046\210\266\300\044\317\273  
\275\133\353\165\175\351\010\216\206\063\054\171\167\011\151\245  
\211\374\263\160\220\207\166\217\323\042\273\102\316\275\163\013  
\040\046\052\320\233\075\160\036\044\154\315\207\166\251\027\226  
\267\317\015\222\373\216\030\251\230\111\321\236\376\140\104\162  
\041\271\031\355\302\365\061\361\071\110\210\220\044\165\124\026  
\255\316\364\370\151\024\144\071\373\243\270\272\160\100\307\047  
\034\277\304\126\123\372\143\145\320\363\034\016\026\365\153\206  
\130\115\030\324\344\015\216\245\235\133\221\334\166\044\120\077  
\306\052\373\331\267\234\265\326\346\320\331\350\031\213\025\161  
\110\255\267\352\330\131\210\324\220\277\026\263\331\351\254\131  
\141\124\310\034\272\312\301\312\341\271\040\114\217\072\223\211  
\245\240\314\277\323\366\165\244\165\226\155\126

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "TeliaSonera Root CA v1"
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Serial Number:00:95:be:16:a0:f7:2e:46:f1:7b:39:82:72:fa:8b:cd:96
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Not Valid Before: Thu Oct 18 12:00:50 2007
# Not Valid After : Mon Oct 18 12:00:50 2032
# Fingerprint (MD5): 37:41:49:1B:18:56:9A:26:F5:AD:C2:66:FB:40:A5:4C
# Fingerprint (SHA1): 43:13:BB:96:F1:D5:86:9B:C1:4E:6A:92:F6:CF:F6:34:69:87:82:37
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\103\023\273\226\361\325\206\233\301\116\152\222\366\317\366\064
\151\207\202\067
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\101\111\033\030\126\232\046\365\255\302\146\373\100\245\114
END
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372
\213\315\226
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "E-Tugra Certification Authority"
#
# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR
# Serial Number:6a:68:3e:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR
# Not Valid Before: Tue Mar 05 12:09:48 2013
# Not Valid After : Fri Mar 03 12:09:48 2023
# Fingerprint (MD5): B8:A1:03:63:B0:BD:21:71:70:8A:6F:13:3A:BB:79:49
# Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39

```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\152\150\076\234\121\233\313\123
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\113\060\202\004\063\240\003\002\001\002\002\010\152
\150\076\234\121\233\313\123\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\201\262\061\013\060\011\006\003\125
\004\006\023\002\124\122\061\017\060\015\006\003\125\004\007\014
\006\101\156\153\141\162\141\061\100\060\076\006\003\125\004\012
\014\067\105\055\124\165\304\237\162\141\040\105\102\107\040\102
\151\154\151\305\237\151\155\040\124\145\153\156\157\154\157\152
\151\154\145\162\151\040\166\145\040\110\151\172\155\145\164\154
\145\162\151\040\101\056\305\236\056\061\046\060\044\006\003\125
```

\004\013\014\035\105\055\124\165\147\162\141\040\123\145\162\164  
\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145\172  
\151\061\050\060\046\006\003\125\004\003\014\037\105\055\124\165  
\147\162\141\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\060\036\027\015\061  
\063\060\063\060\065\061\062\060\071\064\070\132\027\015\062\063  
\060\063\060\063\061\062\060\071\064\070\132\060\201\262\061\013  
\060\011\006\003\125\004\006\023\002\124\122\061\017\060\015\006  
\003\125\004\007\014\006\101\156\153\141\162\141\061\100\060\076  
\006\003\125\004\012\014\067\105\055\124\165\304\237\162\141\040  
\105\102\107\040\102\151\154\151\305\237\151\155\040\124\145\153  
\156\157\154\157\152\151\154\145\162\151\040\166\145\040\110\151  
\172\155\145\164\154\145\162\151\040\101\056\305\236\056\061\046  
\060\044\006\003\125\004\013\014\035\105\055\124\165\147\162\141  
\040\123\145\162\164\151\146\151\153\141\163\171\157\156\040\115  
\145\162\153\145\172\151\061\050\060\046\006\003\125\004\003\014  
\037\105\055\124\165\147\162\141\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\342\365\077\223\005\121\036\205\142\124\136\172\013\365\030  
\007\203\256\176\257\174\367\324\212\153\245\143\103\071\271\113  
\367\303\306\144\211\075\224\056\124\200\122\071\071\007\113\113  
\335\205\007\166\207\314\277\057\225\114\314\175\247\075\274\107  
\017\230\160\370\214\205\036\164\216\222\155\033\100\321\231\015  
\273\165\156\310\251\153\232\300\204\061\257\312\103\313\353\053  
\064\350\217\227\153\001\233\325\016\112\010\252\133\222\164\205  
\103\323\200\256\241\210\133\256\263\352\136\313\026\232\167\104  
\310\241\366\124\150\316\336\217\227\053\272\133\100\002\014\144  
\027\300\265\223\315\341\361\023\146\316\014\171\357\321\221\050  
\253\137\240\022\122\060\163\031\216\217\341\214\007\242\303\273  
\112\360\352\037\025\250\356\045\314\244\106\370\033\042\357\263  
\016\103\272\054\044\270\305\054\134\324\034\370\135\144\275\303  
\223\136\050\247\077\047\361\216\036\323\052\120\005\243\125\331  
\313\347\071\123\300\230\236\214\124\142\213\046\260\367\175\215  
\174\344\306\236\146\102\125\202\107\347\262\130\215\146\367\007  
\174\056\066\346\120\034\077\333\103\044\305\277\206\107\171\263  
\171\034\367\132\364\023\354\154\370\077\342\131\037\225\356\102  
\076\271\255\250\062\205\111\227\106\376\113\061\217\132\313\255  
\164\107\037\351\221\267\337\050\004\042\240\324\017\135\342\171  
\117\352\154\205\206\275\250\246\316\344\372\303\341\263\256\336  
\074\121\356\313\023\174\001\177\204\016\135\121\224\236\023\014  
\266\056\245\114\371\071\160\066\157\226\312\056\014\104\125\305  
\312\372\135\002\243\337\326\144\214\132\263\001\012\251\265\012  
\107\027\377\357\221\100\052\216\241\106\072\061\230\345\021\374  
\314\273\111\126\212\374\271\320\141\232\157\145\154\346\303\313  
\076\165\111\376\217\247\342\211\305\147\327\235\106\023\116\061  
\166\073\044\263\236\021\145\206\253\177\357\035\324\370\274\347

\254\132\134\267\132\107\134\125\316\125\264\042\161\133\133\013  
\360\317\334\240\141\144\352\251\327\150\012\143\247\340\015\077  
\240\257\323\252\322\176\357\121\240\346\121\053\125\222\025\027  
\123\313\267\146\016\146\114\370\371\165\114\220\347\022\160\307  
\105\002\003\001\000\001\243\143\060\141\060\035\006\003\125\035  
\016\004\026\004\024\056\343\333\262\111\320\234\124\171\134\372  
\047\052\376\314\116\322\350\116\124\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125\035  
\043\004\030\060\026\200\024\056\343\333\262\111\320\234\124\171  
\134\372\047\052\376\314\116\322\350\116\124\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\005  
\067\072\364\115\267\105\342\105\165\044\217\266\167\122\350\034  
\330\020\223\145\363\362\131\006\244\076\036\051\354\135\321\320  
\253\174\340\012\220\110\170\355\116\230\003\231\376\050\140\221  
\035\060\035\270\143\174\250\346\065\265\372\323\141\166\346\326  
\007\113\312\151\232\262\204\172\167\223\105\027\025\237\044\320  
\230\023\022\377\273\240\056\375\116\114\207\370\316\134\252\230  
\033\005\340\000\106\112\202\200\245\063\213\050\334\355\070\323  
\337\345\076\351\376\373\131\335\141\204\117\322\124\226\023\141  
\023\076\217\200\151\276\223\107\265\065\103\322\132\273\075\134  
\357\263\102\107\315\073\125\023\006\260\011\333\375\143\366\072  
\210\012\231\157\176\341\316\033\123\152\104\146\043\121\010\173  
\274\133\122\242\375\006\067\070\100\141\217\112\226\270\220\067  
\370\146\307\170\220\000\025\056\213\255\121\065\123\007\250\153  
\150\256\371\116\074\007\046\315\010\005\160\314\071\077\166\275  
\245\323\147\046\001\206\246\123\322\140\073\174\103\177\125\212  
\274\225\032\301\050\071\114\037\103\322\221\364\162\131\212\271  
\126\374\077\264\235\332\160\234\166\132\214\103\120\356\216\060  
\162\115\337\377\111\367\306\251\147\331\155\254\002\021\342\072  
\026\045\247\130\010\313\157\123\101\234\110\070\107\150\063\321  
\327\307\217\324\164\041\324\303\005\220\172\377\316\226\210\261  
\025\051\135\043\253\320\140\241\022\117\336\364\027\315\062\345  
\311\277\310\103\255\375\056\216\361\257\342\364\230\372\022\037  
\040\330\300\247\014\205\305\220\364\073\055\226\046\261\054\276  
\114\253\353\261\322\212\311\333\170\023\017\036\011\235\155\217  
\000\237\002\332\301\372\037\172\172\011\304\112\346\210\052\227  
\237\211\213\375\067\137\137\072\316\070\131\206\113\257\161\013  
\264\330\362\160\117\237\062\023\343\260\247\127\345\332\332\103  
\313\204\064\362\050\304\352\155\364\052\357\301\153\166\332\373  
\176\273\205\074\322\123\302\115\276\161\341\105\321\375\043\147  
\015\023\165\373\317\145\147\042\235\256\260\011\321\011\377\035  
\064\277\376\043\227\067\322\071\372\075\015\006\013\264\333\073  
\243\253\157\134\035\266\176\350\263\202\064\355\006\134\044

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```
# Trust for "E-Tugra Certification Authority"
# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR
# Serial Number:6a:68:3e:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im
Teknolojileri ve Hizmetleri A...,L=Ankara,C=TR
# Not Valid Before: Tue Mar 05 12:09:48 2013
# Not Valid After : Fri Mar 03 12:09:48 2023
# Fingerprint (MD5): B8:A1:03:63:B0:BD:21:71:70:8A:6F:13:3A:BB:79:49
# Fingerprint (SHA1): 51:C6:E7:08:49:06:6E:F3:92:D4:5C:A0:0D:6D:A3:62:8F:C3:52:39
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\306\347\010\111\006\156\363\222\324\134\240\015\155\243\142
\217\303\122\071
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\241\003\143\260\275\041\161\160\212\157\023\072\273\171\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\262\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\017\060\015\006\003\125\004\007\014\006\101\156\153\141\162
\141\061\100\060\076\006\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\152\150\076\234\121\233\313\123
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "T-TeleSec GlobalRoot Class 2"
#
```



```
# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
GmbH,C=DE
# Not Valid Before: Wed Oct 01 10:40:14 2008
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): 2B:9B:9E:E4:7B:6C:1F:00:72:1A:CC:C1:77:79:DF:6A
# Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\303\060\202\002\253\240\003\002\001\002\002\001\001
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163\164
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035
```

\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155\163  
\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045\060  
\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123\145  
\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154\141  
\163\163\040\062\060\036\027\015\060\070\061\060\060\061\061\060  
\064\060\061\064\132\027\015\063\063\061\060\060\061\062\063\065  
\071\065\071\132\060\201\202\061\013\060\011\006\003\125\004\006  
\023\002\104\105\061\053\060\051\006\003\125\004\012\014\042\124  
\055\123\171\163\164\145\155\163\040\105\156\164\145\162\160\162  
\151\163\145\040\123\145\162\166\151\143\145\163\040\107\155\142  
\110\061\037\060\035\006\003\125\004\013\014\026\124\055\123\171  
\163\164\145\155\163\040\124\162\165\163\164\040\103\145\156\164  
\145\162\061\045\060\043\006\003\125\004\003\014\034\124\055\124  
\145\154\145\123\145\143\040\107\154\157\142\141\154\122\157\157  
\164\040\103\154\141\163\163\040\062\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017  
\000\060\202\001\012\002\202\001\001\000\252\137\332\033\137\350  
\163\221\345\332\134\364\242\346\107\345\363\150\125\140\005\035  
\002\244\263\233\131\363\036\212\257\064\255\374\015\302\331\110  
\031\356\151\217\311\040\374\041\252\007\031\355\260\134\254\145  
\307\137\355\002\174\173\174\055\033\326\272\271\200\302\030\202  
\026\204\372\146\260\010\306\124\043\201\344\315\271\111\077\366  
\117\156\067\110\050\070\017\305\276\347\150\160\375\071\227\115  
\322\307\230\221\120\252\304\104\263\043\175\071\107\351\122\142  
\326\022\223\136\267\061\226\102\005\373\166\247\036\243\365\302  
\374\351\172\305\154\251\161\117\352\313\170\274\140\257\307\336  
\364\331\313\276\176\063\245\156\224\203\360\064\372\041\253\352  
\216\162\240\077\244\336\060\133\357\206\115\152\225\133\103\104  
\250\020\025\034\345\001\127\305\230\361\346\006\050\221\252\040  
\305\267\123\046\121\103\262\013\021\225\130\341\300\017\166\331  
\300\215\174\201\363\162\160\236\157\376\032\216\331\137\065\306  
\262\157\064\174\276\110\117\342\132\071\327\330\235\170\236\237  
\206\076\003\136\031\213\104\242\325\307\002\003\001\000\001\243  
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\277  
\131\040\066\000\171\240\240\042\153\214\325\362\141\322\270\054  
\313\202\112\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\061\003\242\141\013\037\164\350\162  
\066\306\155\371\115\236\372\042\250\341\201\126\317\315\273\237  
\352\253\221\031\070\257\252\174\025\115\363\266\243\215\245\364  
\216\366\104\251\247\350\041\225\255\076\000\142\026\210\360\002  
\272\374\141\043\346\063\233\060\172\153\066\142\173\255\004\043  
\204\130\145\342\333\053\212\347\045\123\067\142\123\137\274\332  
\001\142\051\242\246\047\161\346\072\042\176\301\157\035\225\160  
\040\112\007\064\337\352\377\025\200\345\272\327\172\330\133\165  
\174\005\172\051\107\176\100\250\061\023\167\315\100\073\264\121  
\107\172\056\021\343\107\021\336\235\146\320\213\325\124\146\372

```
\203\125\352\174\302\051\211\033\351\157\263\316\342\005\204\311
\057\076\170\205\142\156\311\137\301\170\143\164\130\300\110\030
\014\231\071\353\244\314\032\265\171\132\215\025\234\330\024\015
\366\172\007\127\307\042\203\005\055\074\233\045\046\075\030\263
\251\103\174\310\310\253\144\217\016\243\277\234\033\235\060\333
\332\320\031\056\252\074\361\373\063\200\166\344\315\255\031\117
\005\047\216\023\241\156\302
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "T-TeleSec GlobalRoot Class 2"

# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Serial Number: 1 (0x1)

# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE

# Not Valid Before: Wed Oct 01 10:40:14 2008

# Not Valid After : Sat Oct 01 23:59:59 2033

# Fingerprint (MD5): 2B:9B:9E:E4:7B:6C:1F:00:72:1A:CC:C1:77:79:DF:6A

# Fingerprint (SHA1): 59:0D:2D:7D:88:4F:40:2E:61:7E:A5:62:32:17:65:CF:17:D8:94:E9

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\131\015\055\175\210\117\100\056\141\176\245\142\062\027\145\317
\027\330\224\351
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\053\233\236\344\173\154\037\000\162\032\314\301\167\171\337\152
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\001\001
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Atos TrustedRoot 2011"

#

# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Serial Number:5c:33:cb:62:2c:5f:b3:32

# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Not Valid Before: Thu Jul 07 14:58:30 2011

# Not Valid After : Tue Dec 31 23:59:59 2030

# Fingerprint (MD5): AE:B9:C4:32:4B:AC:7F:5D:66:CC:77:94:BB:2A:77:56

# Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Atos TrustedRoot 2011"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157

\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060

\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157

\163\061\013\060\011\006\003\125\004\006\023\002\104\105

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157

\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060

\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157

\163\061\013\060\011\006\003\125\004\006\023\002\104\105

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\134\063\313\142\054\137\263\062

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\167\060\202\002\137\240\003\002\001\002\002\010\134

\063\313\142\054\137\263\062\060\015\006\011\052\206\110\206\367

\015\001\001\013\005\000\060\074\061\036\060\034\006\003\125\004

\003\014\025\101\164\157\163\040\124\162\165\163\164\145\144\122

\157\157\164\040\062\060\061\061\061\015\060\013\006\003\125\004

\012\014\004\101\164\157\163\061\013\060\011\006\003\125\004\006

\023\002\104\105\060\036\027\015\061\061\060\067\060\067\061\064

\065\070\063\060\132\027\015\063\060\061\062\063\061\062\063\065

\071\065\071\132\060\074\061\036\060\034\006\003\125\004\003\014

\025\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157

\164\040\062\060\061\061\061\015\060\013\006\003\125\004\012\014  
\004\101\164\157\163\061\013\060\011\006\003\125\004\006\023\002  
\104\105\060\202\001\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\001\017\000\060\202\001\012\002\202  
\001\001\000\225\205\073\227\157\052\073\056\073\317\246\363\051  
\065\276\317\030\254\076\252\331\370\115\240\076\032\107\271\274  
\232\337\362\376\314\076\107\350\172\226\302\044\216\065\364\251  
\014\374\202\375\155\301\162\142\047\275\352\153\353\347\212\314  
\124\076\220\120\317\200\324\225\373\350\265\202\324\024\305\266  
\251\125\045\127\333\261\120\366\260\140\144\131\172\151\317\003  
\267\157\015\276\312\076\157\164\162\352\252\060\052\163\142\276  
\111\221\141\310\021\376\016\003\052\367\152\040\334\002\025\015  
\136\025\152\374\343\202\301\265\305\235\144\011\154\243\131\230  
\007\047\307\033\226\053\141\164\161\154\103\361\367\065\211\020  
\340\236\354\125\241\067\042\242\207\004\005\054\107\175\264\034  
\271\142\051\146\050\312\267\341\223\365\244\224\003\231\271\160  
\205\265\346\110\352\215\120\374\331\336\314\157\007\016\335\013  
\162\235\200\060\026\007\225\077\050\016\375\305\165\117\123\326  
\164\232\264\044\056\216\002\221\317\166\305\233\036\125\164\234  
\170\041\261\360\055\361\013\237\302\325\226\030\037\360\124\042  
\172\214\007\002\003\001\000\001\243\175\060\173\060\035\006\003  
\125\035\016\004\026\004\024\247\245\006\261\054\246\011\140\356  
\321\227\351\160\256\274\073\031\154\333\041\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003  
\125\035\043\004\030\060\026\200\024\247\245\006\261\054\246\011  
\140\356\321\227\351\160\256\274\073\031\154\333\041\060\030\006  
\003\125\035\040\004\021\060\017\060\015\006\013\053\006\001\004  
\001\260\055\003\004\001\001\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\003\202\001\001\000\046\167\064\333\224  
\110\206\052\101\235\054\076\006\220\140\304\214\254\013\124\270  
\037\271\173\323\007\071\344\372\076\173\262\075\116\355\237\043  
\275\227\363\153\134\357\356\375\100\246\337\241\223\241\012\206  
\254\357\040\320\171\001\275\170\367\031\330\044\061\064\004\001  
\246\272\025\232\303\047\334\330\117\017\314\030\143\377\231\017  
\016\221\153\165\026\341\041\374\330\046\307\107\267\246\317\130  
\162\161\176\272\341\115\225\107\073\311\257\155\241\264\301\354  
\211\366\264\017\070\265\342\144\334\045\317\246\333\353\232\134  
\231\241\305\010\336\375\346\332\325\326\132\105\014\304\267\302  
\265\024\357\264\021\377\016\025\265\365\365\333\306\275\353\132  
\247\360\126\042\251\074\145\124\306\025\250\275\206\236\315\203  
\226\150\172\161\201\211\341\013\341\352\021\033\150\010\314\151  
\236\354\236\101\236\104\062\046\172\342\207\012\161\075\353\344  
\132\244\322\333\305\315\306\336\140\177\271\363\117\104\222\357  
\052\267\030\076\247\031\331\013\175\261\067\101\102\260\272\140  
\035\362\376\011\021\260\360\207\173\247\235

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Atos TrustedRoot 2011"

# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Serial Number:5c:33:cb:62:2c:5f:b3:32

# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011

# Not Valid Before: Thu Jul 07 14:58:30 2011

# Not Valid After : Tue Dec 31 23:59:59 2030

# Fingerprint (MD5): AE:B9:C4:32:4B:AC:7F:5D:66:CC:77:94:BB:2A:77:56

# Fingerprint (SHA1): 2B:B1:F5:3E:55:0C:1D:C5:F1:D4:E6:B7:6A:46:4B:55:06:02:AC:21

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Atos TrustedRoot 2011"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\053\261\365\076\125\014\035\305\361\324\346\267\152\106\113\125  
\006\002\254\041

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\256\271\304\062\113\254\177\135\146\314\167\224\273\052\167\126

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157  
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060  
\061\061\061\015\060\013\006\003\125\004\012\014\004\101\164\157  
\163\061\013\060\011\006\003\125\004\006\023\002\104\105

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\134\063\313\142\054\137\263\062

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "QuoVadis Root CA 1 G3"

#

# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93

# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM

# Not Valid Before: Thu Jan 12 17:27:44 2012

# Not Valid After : Sun Jan 12 17:27:44 2042

# Fingerprint (SHA-256):

8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74

# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\061\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\170
\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226
\324\145\223\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\061\040\107\063\060\036\027\015
\061\062\060\061\061\062\061\067\062\067\064\064\132\027\015\064
\062\060\061\061\062\061\067\062\067\064\064\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\061\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\240\276\120\020\216\351\362\154\100
\264\004\234\205\271\061\312\334\055\344\021\251\004\074\033\125
\301\347\130\060\035\044\264\303\357\205\336\214\054\341\301\075
\337\202\346\117\255\107\207\154\354\133\111\301\112\325\273\217
\354\207\254\177\202\232\206\354\075\003\231\122\001\322\065\236
\254\332\360\123\311\146\074\324\254\002\001\332\044\323\073\250
```

\002\106\257\244\034\343\370\163\130\166\267\366\016\220\015\265  
\360\317\314\372\371\306\114\345\303\206\060\012\215\027\176\065  
\353\305\337\273\016\234\300\215\207\343\210\070\205\147\372\076  
\307\253\340\023\234\005\030\230\317\223\365\261\222\264\374\043  
\323\317\325\304\047\111\340\236\074\233\010\243\213\135\052\041  
\340\374\071\252\123\332\175\176\317\032\011\123\274\135\005\004  
\317\241\112\217\213\166\202\015\241\370\322\307\024\167\133\220  
\066\007\201\233\076\006\372\122\136\143\305\246\000\376\245\351  
\122\033\122\265\222\071\162\003\011\142\275\260\140\026\156\246  
\335\045\302\003\146\335\363\004\321\100\342\116\213\206\364\157  
\345\203\240\047\204\136\004\301\365\220\275\060\075\304\357\250  
\151\274\070\233\244\244\226\321\142\332\151\300\001\226\256\313  
\304\121\064\352\014\252\377\041\216\131\217\112\134\344\141\232  
\247\322\351\052\170\215\121\075\072\025\356\242\131\216\251\134  
\336\305\371\220\042\345\210\105\161\335\221\231\154\172\237\075  
\075\230\174\136\366\276\026\150\240\136\256\013\043\374\132\017  
\252\042\166\055\311\241\020\035\344\323\104\043\220\210\237\306  
\052\346\327\365\232\263\130\036\057\060\211\010\033\124\242\265  
\230\043\354\010\167\034\225\135\141\321\313\211\234\137\242\112  
\221\232\357\041\252\111\026\010\250\275\141\050\061\311\164\255  
\205\366\331\305\261\213\321\345\020\062\115\137\213\040\072\074  
\111\037\063\205\131\015\333\313\011\165\103\151\163\373\153\161  
\175\360\337\304\114\175\306\243\056\310\225\171\313\163\242\216  
\116\115\044\373\136\344\004\276\162\033\246\047\055\111\132\231  
\172\327\134\011\040\267\177\224\271\117\361\015\034\136\210\102  
\033\021\267\347\221\333\236\154\364\152\337\214\006\230\003\255  
\314\050\357\245\107\363\123\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\243\227\326\363  
\136\242\020\341\253\105\237\074\027\144\074\356\001\160\234\314  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\030\372\133\165\374\076\172\307\137\167\307\312  
\337\317\137\303\022\304\100\135\324\062\252\270\152\327\325\025  
\025\106\230\043\245\346\220\133\030\231\114\343\255\102\243\202  
\061\066\210\315\351\373\304\004\226\110\213\001\307\215\001\317  
\133\063\006\226\106\146\164\035\117\355\301\266\271\264\015\141  
\314\143\176\327\056\167\214\226\034\052\043\150\153\205\127\166  
\160\063\023\376\341\117\246\043\167\030\372\032\214\350\275\145  
\311\317\077\364\311\027\334\353\307\274\300\004\056\055\106\057  
\151\146\303\033\217\376\354\076\323\312\224\277\166\012\045\015  
\251\173\002\034\251\320\073\137\013\300\201\072\075\144\341\277  
\247\055\116\275\115\304\330\051\306\042\030\320\305\254\162\002  
\202\077\252\072\242\072\042\227\061\335\010\143\303\165\024\271  
\140\050\055\133\150\340\026\251\146\202\043\121\365\353\123\330  
\061\233\173\351\267\235\113\353\210\026\317\371\135\070\212\111  
\060\217\355\361\353\031\364\167\032\061\030\115\147\124\154\057  
\157\145\371\333\075\354\041\354\136\364\364\213\312\140\145\124



```
\321\161\144\364\371\246\243\201\063\066\063\161\360\244\170\137
\116\255\203\041\336\064\111\215\350\131\254\235\362\166\132\066
\362\023\364\257\340\011\307\141\052\154\367\340\235\256\273\206
\112\050\157\056\356\264\171\315\220\063\303\263\166\372\365\360
\154\235\001\220\372\236\220\366\234\162\317\107\332\303\037\344
\065\040\123\362\124\321\337\141\203\246\002\342\045\070\336\205
\062\055\136\163\220\122\135\102\304\316\075\113\341\371\031\204
\035\325\242\120\314\101\373\101\024\303\275\326\311\132\243\143
\146\002\200\275\005\072\073\107\234\354\000\046\114\365\210\121
\277\250\043\177\030\007\260\013\355\213\046\241\144\323\141\112
\353\134\237\336\263\257\147\003\263\037\335\155\135\151\150\151
\253\136\072\354\174\151\274\307\073\205\116\236\025\271\264\025
\117\303\225\172\130\327\311\154\351\154\271\363\051\143\136\264
\054\360\055\075\355\132\145\340\251\133\100\302\110\231\201\155
\236\037\006\052\074\022\264\213\017\233\242\044\360\246\215\326
\172\340\113\266\144\226\143\225\204\302\112\315\034\056\044\207
\063\140\345\303
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "QuoVadis Root CA 1 G3"
```

```
# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
```

```
# Serial Number:78:58:5f:2e:ad:2c:19:4b:e3:37:07:35:34:13:28:b5:96:d4:65:93
```

```
# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
```

```
# Not Valid Before: Thu Jan 12 17:27:44 2012
```

```
# Not Valid After : Sun Jan 12 17:27:44 2042
```

```
# Fingerprint (SHA-256):
```

```
8A:86:6F:D1:B2:76:B5:7E:57:8E:92:1C:65:82:8A:2B:ED:58:E9:F2:F2:88:05:41:34:B7:F1:F4:BF:C9:CC:74
```

```
# Fingerprint (SHA1): 1B:8E:EA:57:96:29:1A:C9:39:EA:B8:0A:81:1A:73:73:C0:93:79:67
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\033\216\352\127\226\051\032\311\071\352\270\012\201\032\163\163
\300\223\171\147
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\244\274\133\077\376\067\232\372\144\360\342\372\005\075\013\253
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
```

```

\157\164\040\103\101\040\061\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 2 G3"
#
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 18:59:32 2012
# Not Valid After : Sun Jan 12 18:59:32 2042
# Fingerprint (SHA-256):
8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40
# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073
\133\247\046\360\165\050
END
CKA_VALUE MULTILINE_OCTAL

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\360\165\050\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102  
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126  
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034  
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040  
\122\157\157\164\040\103\101\040\062\040\107\063\060\036\027\015  
\061\062\060\061\061\062\061\070\065\071\063\062\132\027\015\064  
\062\060\061\061\062\061\070\065\071\063\062\132\060\110\061\013  
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006  
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114  
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023  
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103  
\101\040\062\040\107\063\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\241\256\045\262\001\030\334\127\210  
\077\106\353\371\257\342\353\043\161\342\232\321\141\146\041\137  
\252\257\047\121\345\156\033\026\324\055\175\120\260\123\167\275  
\170\072\140\342\144\002\233\174\206\233\326\032\216\255\377\037  
\025\177\325\225\036\022\313\346\024\204\004\301\337\066\263\026  
\237\212\343\311\333\230\064\316\330\063\027\050\106\374\247\311  
\360\322\264\325\115\011\162\111\371\362\207\343\251\332\175\241  
\175\153\262\072\045\251\155\122\104\254\370\276\156\373\334\246  
\163\221\220\141\246\003\024\040\362\347\207\243\210\255\255\240  
\214\377\246\013\045\122\045\347\026\001\325\313\270\065\201\014  
\243\073\360\341\341\374\132\135\316\200\161\155\370\111\253\076  
\073\272\270\327\200\001\373\245\353\133\263\305\136\140\052\061  
\240\257\067\350\040\072\237\250\062\054\014\314\011\035\323\236  
\216\135\274\114\230\356\305\032\150\173\354\123\246\351\024\065  
\243\337\315\200\237\014\110\373\034\364\361\277\112\270\372\325  
\214\161\112\307\037\255\376\101\232\263\203\135\362\204\126\357  
\245\127\103\316\051\255\214\253\125\277\304\373\133\001\335\043  
\041\241\130\000\216\303\320\152\023\355\023\343\022\053\200\334  
\147\346\225\262\315\036\042\156\052\370\101\324\362\312\024\007  
\215\212\125\022\306\151\365\270\206\150\057\123\136\260\322\252  
\041\301\230\346\060\343\147\125\307\233\156\254\031\250\125\246  
\105\006\320\043\072\333\353\145\135\052\021\021\360\073\117\312  
\155\364\064\304\161\344\377\000\132\366\134\256\043\140\205\163  
\361\344\020\261\045\256\325\222\273\023\301\014\340\071\332\264  
\071\127\265\253\065\252\162\041\073\203\065\347\061\337\172\041  
\156\270\062\010\175\035\062\221\025\112\142\162\317\343\167\241  
\274\325\021\033\166\001\147\010\340\101\013\303\353\025\156\370  
\244\031\331\242\253\257\342\047\122\126\053\002\212\054\024\044  
\371\277\102\002\277\046\310\306\217\340\156\070\175\123\055\345  
\355\230\263\225\143\150\177\371\065\364\337\210\305\140\065\222  
\300\174\151\034\141\225\026\320\353\336\013\257\076\004\020\105  
\145\130\120\070\257\110\362\131\266\026\362\074\015\220\002\306

\160\056\001\255\074\025\327\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\355\347\157\166  
\132\277\140\354\111\133\306\245\167\273\162\026\161\233\304\075  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\221\337\200\077\103\011\176\161\302\367\353\263  
\210\217\341\121\262\274\075\165\371\050\135\310\274\231\233\173  
\135\252\345\312\341\012\367\350\262\323\237\335\147\061\176\272  
\001\252\307\152\101\073\220\324\010\134\262\140\152\220\360\310  
\316\003\142\371\213\355\373\156\052\334\006\115\074\051\017\211  
\026\212\130\114\110\017\350\204\141\352\074\162\246\167\344\102  
\256\210\243\103\130\171\176\256\312\245\123\015\251\075\160\275  
\040\031\141\244\154\070\374\103\062\341\301\107\377\370\354\361  
\021\042\062\226\234\302\366\133\151\226\173\040\014\103\101\232  
\133\366\131\031\210\336\125\210\067\121\013\170\134\012\036\243  
\102\375\307\235\210\017\300\362\170\002\044\124\223\257\211\207  
\210\311\112\200\035\352\320\156\076\141\056\066\273\065\016\047  
\226\375\146\064\073\141\162\163\361\026\134\107\006\124\111\000  
\172\130\022\260\012\357\205\375\261\270\063\165\152\223\034\022  
\346\140\136\157\035\177\311\037\043\313\204\141\237\036\202\104  
\371\137\255\142\125\044\232\122\230\355\121\347\241\176\227\072  
\346\057\037\021\332\123\200\054\205\236\253\065\020\333\042\137  
\152\305\136\227\123\362\062\002\011\060\243\130\360\015\001\325  
\162\306\261\174\151\173\303\365\066\105\314\141\156\136\114\224  
\305\136\256\350\016\136\213\277\367\315\340\355\241\016\033\063  
\356\124\030\376\017\276\357\176\204\153\103\343\160\230\333\135  
\165\262\015\131\007\205\025\043\071\326\361\337\251\046\017\326  
\110\307\263\246\042\365\063\067\132\225\107\237\173\272\030\025  
\157\377\326\024\144\203\111\322\012\147\041\333\017\065\143\140  
\050\042\343\261\225\203\315\205\246\335\057\017\347\147\122\156  
\273\057\205\174\365\112\163\347\305\076\300\275\041\022\005\077  
\374\267\003\111\002\133\310\045\346\342\124\070\365\171\207\214  
\035\123\262\116\205\173\006\070\307\054\370\370\260\162\215\045  
\345\167\122\364\003\034\110\246\120\137\210\040\060\156\362\202  
\103\253\075\227\204\347\123\373\041\301\117\017\042\232\206\270  
\131\052\366\107\075\031\210\055\350\205\341\236\354\205\010\152  
\261\154\064\311\035\354\110\053\073\170\355\146\304\216\171\151  
\203\336\177\214

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "QuoVadis Root CA 2 G3"  
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM  
# Serial Number:44:57:34:24:5b:81:89:9b:35:f2:ce:b8:2b:3b:5b:a7:26:f0:75:28  
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM

```

# Not Valid Before: Thu Jan 12 18:59:32 2012
# Not Valid After : Sun Jan 12 18:59:32 2042
# Fingerprint (SHA-256):
8F:E4:FB:0A:F9:3A:4D:0D:67:DB:0B:EB:B2:3E:37:C7:1B:F3:25:DC:BC:DD:24:0E:A0:4D:AF:58:B4:7E:18:40
# Fingerprint (SHA1): 09:3C:61:F3:8B:8B:DC:7D:55:DF:75:38:02:05:00:E1:25:F5:C8:36
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\011\074\141\363\213\213\334\175\125\337\165\070\002\005\000\341
\045\365\310\066
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\257\014\206\156\277\100\055\177\013\076\022\120\272\022\075\006
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\316\270\053\073
\133\247\046\360\165\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3 G3"
#
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 20:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint (SHA-256):
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

```

```
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\024\056
\365\233\002\050\247\333\172\377\325\243\251\356\275\003\240\317
\022\152\035\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\110\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\063\040\107\063\060\036\027\015
\061\062\060\061\061\062\062\060\062\066\063\062\132\027\015\064
\062\060\061\061\062\062\060\062\066\063\062\132\060\110\061\013
\060\011\006\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\063\040\107\063\060\202\002\042\060\015\006\011\052\206
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202
\002\012\002\202\002\001\000\263\313\016\020\147\216\352\024\227
\247\062\052\012\126\066\177\150\114\307\263\157\072\043\024\221
\377\031\177\245\312\254\356\263\166\235\172\351\213\033\253\153
\061\333\372\013\123\114\257\305\245\032\171\074\212\114\377\254
\337\045\336\116\331\202\062\013\104\336\312\333\214\254\243\156
\026\203\073\246\144\113\062\211\373\026\026\070\176\353\103\342
\323\164\112\302\142\012\163\012\335\111\263\127\322\260\012\205
\235\161\074\336\243\313\300\062\363\001\071\040\103\033\065\321
\123\263\261\356\305\223\151\202\076\026\265\050\106\241\336\352
\211\011\355\103\270\005\106\212\206\365\131\107\276\033\157\001
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\041\020\271\375\251\322\050\312\020\071\011\312\023\066\317\234  
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\141\365\272\263\347\060\320\067\043\206\162\141\105\051\110\131  
\150\157\167\246\056\201\276\007\115\157\257\316\304\105\023\221  
\024\160\006\217\037\237\370\207\151\261\016\357\303\211\031\353  
\352\034\141\374\172\154\212\334\326\003\013\236\046\272\022\335  
\324\124\071\253\046\243\063\352\165\201\332\055\315\017\117\344  
\003\321\357\025\227\033\153\220\305\002\220\223\146\002\041\261  
\107\336\213\232\112\200\271\125\217\265\242\057\300\326\063\147  
\332\176\304\247\264\004\104\353\107\373\346\130\271\367\014\360  
\173\053\261\300\160\051\303\100\142\055\073\110\151\334\043\074  
\110\353\173\011\171\251\155\332\250\060\230\317\200\162\003\210  
\246\133\106\256\162\171\174\010\003\041\145\256\267\341\034\245  
\261\052\242\061\336\146\004\367\300\164\350\161\336\377\075\131  
\314\226\046\022\213\205\225\127\032\253\153\165\013\104\075\021  
\050\074\173\141\267\342\217\147\117\345\354\074\114\140\200\151  
\127\070\036\001\133\215\125\350\307\337\300\314\167\043\064\111  
\165\174\366\230\021\353\055\336\355\101\056\024\005\002\177\340  
\376\040\353\065\347\021\254\042\316\127\075\336\311\060\155\020  
\003\205\315\361\377\214\026\265\301\262\076\210\154\140\177\220  
\117\225\367\366\055\255\001\071\007\004\372\165\200\175\277\111  
\120\355\357\311\304\174\034\353\200\176\333\266\320\335\023\376  
\311\323\234\327\262\227\251\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\306\027\320\274  
\250\352\002\103\362\033\006\231\135\053\220\040\271\327\234\344  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\064\141\331\126\265\022\207\125\115\335\243\065  
\061\106\273\244\007\162\274\137\141\142\350\245\373\013\067\261  
\074\266\263\372\051\235\177\002\365\244\311\250\223\267\172\161  
\050\151\217\163\341\122\220\332\325\276\072\345\267\166\152\126  
\200\041\337\135\346\351\072\236\345\076\366\242\151\307\052\012  
\260\030\107\334\040\160\175\122\243\076\131\174\301\272\311\310  
\025\100\141\312\162\326\160\254\322\267\360\034\344\206\051\360  
\316\357\150\143\320\265\040\212\025\141\232\176\206\230\264\311  
\302\166\373\314\272\060\026\314\243\141\306\164\023\345\153\357  
\243\025\352\003\376\023\213\144\344\323\301\322\350\204\373\111  
\321\020\115\171\146\353\252\375\364\215\061\036\160\024\255\334  
\336\147\023\114\201\025\141\274\267\331\221\167\161\031\201\140  
\273\360\130\245\265\234\013\367\217\042\125\047\300\113\001\155  
\073\231\015\324\035\233\143\147\057\320\356\015\312\146\274\224  
\117\246\255\355\374\356\143\254\127\077\145\045\317\262\206\217  
\320\010\377\270\166\024\156\336\345\047\354\253\170\265\123\271  
\266\077\350\040\371\322\250\276\141\106\312\207\214\204\363\371  
\361\240\150\233\042\036\201\046\233\020\004\221\161\300\006\037  
\334\240\323\271\126\247\343\230\055\177\203\235\337\214\053\234  
\062\216\062\224\360\001\074\042\052\237\103\302\056\303\230\071

```
\007\070\173\374\136\000\102\037\363\062\046\171\203\204\366\345
\360\301\121\022\300\013\036\004\043\014\124\245\114\057\111\305
\112\321\266\156\140\015\153\374\153\213\205\044\144\267\211\016
\253\045\107\133\074\317\176\111\275\307\351\012\306\332\367\176
\016\027\010\323\110\227\320\161\222\360\017\071\076\064\152\034
\175\330\362\042\256\273\151\364\063\264\246\110\125\321\017\016
\046\350\354\266\013\055\247\205\065\315\375\131\310\237\321\315
\076\132\051\064\271\075\204\316\261\145\324\131\221\221\126\165
\041\301\167\236\371\172\341\140\235\323\255\004\030\364\174\353
\136\223\217\123\112\042\051\370\110\053\076\115\206\254\133\177
\313\006\231\131\140\330\130\145\225\215\104\321\367\177\176\047
\177\175\256\200\365\007\114\266\076\234\161\124\231\004\113\375
\130\371\230\364
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "QuoVadis Root CA 3 G3"
```

```
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
```

```
# Serial Number:2e:f5:9b:02:28:a7:db:7a:ff:d5:a3:a9:ee:bd:03:a0:cf:12:6a:1d
```

```
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
```

```
# Not Valid Before: Thu Jan 12 20:26:32 2012
```

```
# Not Valid After : Sun Jan 12 20:26:32 2042
```

```
# Fingerprint (SHA-256):
```

```
88:EF:81:DE:20:2E:B0:18:45:2E:43:F8:64:72:5C:EA:5F:BD:1F:C2:D9:D2:05:73:07:09:C5:D8:B8:69:0F:46
```

```
# Fingerprint (SHA1): 48:12:BD:92:3C:A8:C4:39:06:E7:30:6D:27:96:E6:A4:CF:22:2E:7D
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\110\022\275\222\074\250\304\071\006\347\060\155\047\226\346\244
\317\042\056\175
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\337\175\271\255\124\157\150\241\337\211\127\003\227\103\260\327
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\110\061\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
```



\003\240\317\022\152\035

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "DigiCert Assured ID Root G2"

#

# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b

# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85

# Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Assured ID Root G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151  
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040  
\122\157\157\164\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232  
\364\113

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\226\060\202\002\176\240\003\002\001\002\002\020\013  
\223\034\072\326\071\147\352\147\043\277\303\257\232\364\113\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\145  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\044\060\042\006\003\125\004\003\023\033\104\151\147\151\103\145  
\162\164\040\101\163\163\165\162\145\144\040\111\104\040\122\157  
\157\164\040\107\062\060\036\027\015\061\063\060\070\060\061\061  
\062\060\060\060\060\132\027\015\063\070\060\061\061\065\061\062  
\060\060\060\060\132\060\145\061\013\060\011\006\003\125\004\006  
\023\002\125\123\061\025\060\023\006\003\125\004\012\023\014\104  
\151\147\151\103\145\162\164\040\111\156\143\061\031\060\027\006  
\003\125\004\013\023\020\167\167\167\056\144\151\147\151\143\145  
\162\164\056\143\157\155\061\044\060\042\006\003\125\004\003\023  
\033\104\151\147\151\103\145\162\164\040\101\163\163\165\162\145  
\144\040\111\104\040\122\157\157\164\040\107\062\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\331\347\050  
\057\122\077\066\162\111\210\223\064\363\370\152\036\061\124\200  
\237\255\124\101\265\107\337\226\250\324\257\200\055\271\012\317  
\165\375\211\245\175\044\372\343\042\014\053\274\225\027\013\063  
\277\031\115\101\006\220\000\275\014\115\020\376\007\265\347\034  
\156\042\125\061\145\227\275\323\027\322\036\142\363\333\352\154  
\120\214\077\204\014\226\317\267\313\003\340\312\155\241\024\114  
\033\211\335\355\000\260\122\174\257\221\154\261\070\023\321\351  
\022\010\300\000\260\034\053\021\332\167\160\066\233\256\316\171  
\207\334\202\160\346\011\164\160\125\151\257\243\150\237\277\335  
\266\171\263\362\235\160\051\125\364\253\377\225\141\363\311\100  
\157\035\321\276\223\273\323\210\052\273\235\277\162\132\126\161  
\073\077\324\363\321\012\376\050\357\243\356\331\231\257\003\323  
\217\140\267\362\222\241\261\275\211\211\037\060\315\303\246\056  
\142\063\256\026\002\167\104\132\347\201\012\074\247\104\056\171  
\270\077\004\274\134\240\207\341\033\257\121\216\315\354\054\372  
\370\376\155\360\072\174\252\213\344\147\225\061\215\002\003\001  
\000\001\243\102\060\100\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026  
\004\024\316\303\112\271\231\125\362\270\333\140\277\251\176\275  
\126\265\227\066\247\326\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\312\245\125\214\343\310  
\101\156\151\047\247\165\021\357\074\206\066\157\322\235\306\170  
\070\035\151\226\242\222\151\056\070\154\233\175\004\324\211\245  
\261\061\067\212\311\041\314\253\154\315\213\034\232\326\277\110  
\322\062\146\301\212\300\363\057\072\357\300\343\324\221\206\321  
\120\343\003\333\163\167\157\112\071\123\355\336\046\307\265\175  
\257\053\102\321\165\142\343\112\053\002\307\120\113\340\151\342

```
\226\154\016\104\146\020\104\217\255\005\353\370\171\254\246\033
\350\067\064\235\123\311\141\252\242\122\257\112\160\026\206\302
\072\310\261\023\160\066\330\317\356\364\012\064\325\133\114\375
\007\234\242\272\331\001\162\134\363\115\301\335\016\261\034\015
\304\143\276\255\364\024\373\211\354\242\101\016\114\314\310\127
\100\320\156\003\252\315\014\216\211\231\231\154\360\074\060\257
\070\337\157\274\243\276\051\040\047\253\164\377\023\042\170\336
\227\122\125\036\203\265\124\040\003\356\256\300\117\126\336\067
\314\303\177\252\004\047\273\323\167\270\142\333\027\174\234\050
\042\023\163\154\317\046\365\212\051\347
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "DigiCert Assured ID Root G2"
```

```
# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Serial Number:0b:93:1c:3a:d6:39:67:ea:67:23:bf:c3:af:9a:f4:4b
```

```
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
```

```
# Not Valid Before: Thu Aug 01 12:00:00 2013
```

```
# Not Valid After : Fri Jan 15 12:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
7D:05:EB:B6:82:33:9F:8C:94:51:EE:09:4E:EB:FE:FA:79:53:A1:14:ED:B2:F4:49:49:45:2F:AB:7D:2F:C1:85
```

```
# Fingerprint (SHA1): A1:4B:48:D9:43:EE:0A:0E:40:90:4F:3C:E0:A4:C0:91:93:51:5D:3F
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "DigiCert Assured ID Root G2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\241\113\110\331\103\356\012\016\100\220\117\074\340\244\300\221
\223\121\135\077
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\222\070\271\370\143\044\202\145\054\127\063\346\376\201\217\235
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232
\364\113
```

```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Assured ID Root G3"
#
# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2
# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\106\060\202\001\315\240\003\002\001\002\002\020\013

```

\241\132\372\035\337\240\265\111\104\257\315\044\240\154\354\060  
\012\006\010\052\206\110\316\075\004\003\003\060\145\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003  
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156  
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056  
\144\151\147\151\143\145\162\164\056\143\157\155\061\044\060\042  
\006\003\125\004\003\023\033\104\151\147\151\103\145\162\164\040  
\101\163\163\165\162\145\144\040\111\104\040\122\157\157\164\040  
\107\063\060\036\027\015\061\063\060\070\060\061\061\062\060\060  
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060  
\060\132\060\145\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151  
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004  
\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056  
\143\157\155\061\044\060\042\006\003\125\004\003\023\033\104\151  
\147\151\103\145\162\164\040\101\163\163\165\162\145\144\040\111  
\104\040\122\157\157\164\040\107\063\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\031\347\274\254\104\145\355\315\270\077\130\373\215\261\127  
\251\104\055\005\025\362\357\013\377\020\164\237\265\142\122\137  
\146\176\037\345\334\033\105\171\013\314\306\123\012\235\215\135  
\002\331\251\131\336\002\132\366\225\052\016\215\070\112\212\111  
\306\274\306\003\070\007\137\125\332\176\011\156\342\177\136\320  
\105\040\017\131\166\020\326\240\044\360\055\336\066\362\154\051  
\071\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\206\060\035\006\003\125\035\016\004\026\004  
\024\313\320\275\251\341\230\005\121\241\115\067\242\203\171\316  
\215\035\052\344\204\060\012\006\010\052\206\110\316\075\004\003  
\003\003\147\000\060\144\002\060\045\244\201\105\002\153\022\113  
\165\164\117\310\043\343\160\362\165\162\336\174\211\360\317\221  
\162\141\236\136\020\222\131\126\271\203\307\020\347\070\351\130  
\046\066\175\325\344\064\206\071\002\060\174\066\123\360\060\345  
\142\143\072\231\342\266\243\073\233\064\372\036\332\020\222\161  
\136\221\023\247\335\244\156\222\314\062\326\365\041\146\307\057  
\352\226\143\152\145\105\222\225\001\264

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Assured ID Root G3"  
# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US  
# Serial Number:0b:a1:5a:fa:1d:df:a0:b5:49:44:af:cd:24:a0:6c:ec  
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US  
# Not Valid Before: Thu Aug 01 12:00:00 2013  
# Not Valid After : Fri Jan 15 12:00:00 2038  
# Fingerprint (SHA-256):

```

7E:37:CB:8B:4C:47:09:0C:AB:36:55:1B:A6:F4:5D:B8:40:68:0F:BA:16:6A:95:2D:B1:00:71:7F:43:05:3F:C2
# Fingerprint (SHA1): F5:17:A2:4F:9A:48:C6:C9:F8:A2:00:26:9F:DC:0F:48:2C:AB:30:89
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\365\027\242\117\232\110\306\311\370\242\000\046\237\334\017\110
\054\253\060\211
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\174\177\145\061\014\201\337\215\272\076\231\342\134\255\156\373
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\241\132\372\035\337\240\265\111\104\257\315\044\240
\154\354
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Global Root G2"
#
# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5
# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F
# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151  
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\107\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151  
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\107\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011  
\372\345

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\216\060\202\002\166\240\003\002\001\002\002\020\003  
\072\361\346\247\021\251\240\273\050\144\261\035\011\372\345\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\141  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145  
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107  
\062\060\036\027\015\061\063\060\070\060\061\061\062\060\060\060  
\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060\060  
\132\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103  
\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013  
\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143  
\157\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147  
\151\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157  
\164\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\273\067\315\064\334\173\153\311\262\150\220  
\255\112\165\377\106\272\041\012\010\215\365\031\124\311\373\210  
\333\363\256\362\072\211\221\074\172\346\253\006\032\153\317\254  
\055\350\136\011\044\104\272\142\232\176\326\243\250\176\340\124

\165\040\005\254\120\267\234\143\032\154\060\334\332\037\031\261  
\327\036\336\375\327\340\313\224\203\067\256\354\037\103\116\335  
\173\054\322\275\056\245\057\344\251\270\255\072\324\231\244\266  
\045\351\233\153\000\140\222\140\377\117\041\111\030\367\147\220  
\253\141\006\234\217\362\272\351\264\351\222\062\153\265\363\127  
\350\135\033\315\214\035\253\225\004\225\111\363\065\055\226\343  
\111\155\335\167\343\373\111\113\264\254\125\007\251\217\225\263  
\264\043\273\114\155\105\360\366\251\262\225\060\264\375\114\125  
\214\047\112\127\024\174\202\235\315\163\222\323\026\112\006\014  
\214\120\321\217\036\011\276\027\241\346\041\312\375\203\345\020  
\274\203\245\012\304\147\050\366\163\024\024\075\106\166\303\207  
\024\211\041\064\115\257\017\105\014\246\111\241\272\273\234\305  
\261\063\203\051\205\002\003\001\000\001\243\102\060\100\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\035\006\003\125\035\016\004\026\004\024\116\042\124\040\030\225  
\346\343\156\346\017\372\372\271\022\355\006\027\217\071\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\140\147\050\224\157\016\110\143\353\061\335\352\147\030  
\325\211\175\074\305\213\112\177\351\276\333\053\027\337\260\137  
\163\167\052\062\023\071\201\147\102\204\043\362\105\147\065\354  
\210\277\370\217\260\141\014\064\244\256\040\114\204\306\333\370  
\065\341\166\331\337\246\102\273\307\104\010\206\177\066\164\044  
\132\332\154\015\024\131\065\275\362\111\335\266\037\311\263\015  
\107\052\075\231\057\273\134\273\265\324\040\341\231\137\123\106  
\025\333\150\233\360\363\060\325\076\061\342\215\204\236\343\212  
\332\332\226\076\065\023\245\137\360\371\160\120\160\107\101\021  
\127\031\116\300\217\256\006\304\225\023\027\057\033\045\237\165  
\362\261\216\231\241\157\023\261\101\161\376\210\052\310\117\020  
\040\125\327\363\024\105\345\340\104\364\352\207\225\062\223\016  
\376\123\106\372\054\235\377\213\042\271\113\331\011\105\244\336  
\244\270\232\130\335\033\175\122\237\216\131\103\210\201\244\236  
\046\325\157\255\335\015\306\067\175\355\003\222\033\345\167\137  
\166\356\074\215\304\135\126\133\242\331\146\156\263\065\067\345  
\062\266

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Global Root G2"

# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:03:3a:f1:e6:a7:11:a9:a0:bb:28:64:b1:1d:09:fa:e5

# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

CB:3C:CB:B7:60:31:E5:E0:13:8F:8D:D3:9A:23:F9:DE:47:FF:C3:5E:43:C1:14:4C:EA:27:D4:6A:5A:B1:CB:5F



```

# Fingerprint (SHA1): DF:3C:24:F9:BF:D6:66:76:1B:26:80:73:FE:06:D1:CC:8D:4F:82:A4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\337\074\044\371\277\326\146\166\033\046\200\163\376\006\321\314
\215\117\202\244
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\344\246\212\310\124\254\122\102\106\012\375\162\110\033\052\104
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\251\240\273\050\144\261\035\011
\372\345
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Global Root G3"
#
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72
# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0
# Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151  
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\107\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145  
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023  
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157  
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151  
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253  
\105\162

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\077\060\202\001\305\240\003\002\001\002\002\020\005  
\125\126\274\362\136\244\065\065\303\244\017\325\253\105\162\060  
\012\006\010\052\206\110\316\075\004\003\003\060\141\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003  
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156  
\143\061\031\060\027\006\003\125\004\013\023\020\167\167\167\056  
\144\151\147\151\143\145\162\164\056\143\157\155\061\040\060\036  
\006\003\125\004\003\023\027\104\151\147\151\103\145\162\164\040  
\107\154\157\142\141\154\040\122\157\157\164\040\107\063\060\036  
\027\015\061\063\060\070\060\061\061\062\060\060\060\060\132\027  
\015\063\070\060\061\061\065\061\062\060\060\060\060\132\060\141  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145  
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107  
\063\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\335\247\331\273\212\270\013  
\373\013\177\041\322\360\276\276\163\363\063\135\032\274\064\352  
\336\306\233\274\320\225\366\360\314\320\013\272\141\133\121\106  
\176\236\055\237\356\216\143\014\027\354\007\160\365\317\204\056  
\100\203\234\350\077\101\155\073\255\323\244\024\131\066\170\235  
\003\103\356\020\023\154\162\336\256\210\247\241\153\265\103\316

```
\147\334\043\377\003\034\243\342\076\243\102\060\100\060\017\006
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016
\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060\035
\006\003\125\035\016\004\026\004\024\263\333\110\244\371\241\305
\330\256\066\101\314\021\143\151\142\051\274\113\306\060\012\006
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061
\000\255\274\362\154\077\022\112\321\055\071\303\012\011\227\163
\364\210\066\214\210\047\273\346\210\215\120\205\247\143\371\236
\062\336\146\223\017\361\314\261\011\217\335\154\253\372\153\177
\240\002\060\071\146\133\302\144\215\270\236\120\334\250\325\111
\242\355\307\334\321\111\177\027\001\270\310\206\217\116\214\210
\053\250\232\251\212\305\321\000\275\370\124\342\232\345\133\174
\263\047\027
```

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "DigiCert Global Root G3"

# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Serial Number:05:55:56:bc:f2:5e:a4:35:35:c3:a4:0f:d5:ab:45:72

# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US

# Not Valid Before: Thu Aug 01 12:00:00 2013

# Not Valid After : Fri Jan 15 12:00:00 2038

# Fingerprint (SHA-256):

31:AD:66:48:F8:10:41:38:C7:38:F3:9E:A4:32:01:33:39:3E:3A:18:CC:02:29:6E:F9:7C:2A:C9:EF:67:31:D0

# Fingerprint (SHA1): 7E:04:DE:89:6A:3E:66:6D:00:E6:87:D3:3F:FA:D9:3B:E8:3D:34:9E

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "DigiCert Global Root G3"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

```
\176\004\336\211\152\076\146\155\000\346\207\323\077\372\331\073
\350\075\064\236
```

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

```
\365\135\244\120\245\373\050\176\036\017\015\314\226\127\126\312
```

END

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\303\244\017\325\253
\105\162
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "DigiCert Trusted Root G4"
#
# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c
# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88
# Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134

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END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\220\060\202\003\170\240\003\002\001\002\002\020\005  
\233\033\127\236\216\041\062\342\071\007\275\247\167\165\134\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\142  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060  
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164  
\040\111\156\143\061\031\060\027\006\003\125\004\013\023\020\167  
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061  
\041\060\037\006\003\125\004\003\023\030\104\151\147\151\103\145  
\162\164\040\124\162\165\163\164\145\144\040\122\157\157\164\040  
\107\064\060\036\027\015\061\063\060\070\060\061\061\062\060\060  
\060\060\132\027\015\063\070\060\061\061\065\061\062\060\060\060  
\060\132\060\142\061\013\060\011\006\003\125\004\006\023\002\125  
\123\061\025\060\023\006\003\125\004\012\023\014\104\151\147\151  
\103\145\162\164\040\111\156\143\061\031\060\027\006\003\125\004  
\013\023\020\167\167\167\056\144\151\147\151\143\145\162\164\056  
\143\157\155\061\041\060\037\006\003\125\004\003\023\030\104\151  
\147\151\103\145\162\164\040\124\162\165\163\164\145\144\040\122  
\157\157\164\040\107\064\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\277\346\220\163\150\336\273\344\135  
\112\074\060\042\060\151\063\354\302\247\045\056\311\041\075\362  
\212\330\131\302\341\051\247\075\130\253\166\232\315\256\173\033  
\204\015\304\060\037\363\033\244\070\026\353\126\306\227\155\035  
\253\262\171\362\312\021\322\344\137\326\005\074\122\017\122\037  
\306\236\025\245\176\276\237\251\127\026\131\125\162\257\150\223  
\160\302\262\272\165\231\152\163\062\224\321\020\104\020\056\337  
\202\363\007\204\346\164\073\155\161\342\055\014\033\356\040\325  
\311\040\035\143\051\055\316\354\136\116\310\223\370\041\141\233  
\064\353\005\306\136\354\133\032\274\353\311\317\315\254\064\100  
\137\261\172\146\356\167\310\110\250\146\127\127\237\124\130\216  
\014\053\267\117\247\060\331\126\356\312\173\135\343\255\311\117  
\136\345\065\347\061\313\332\223\136\334\216\217\200\332\266\221  
\230\100\220\171\303\170\307\266\261\304\265\152\030\070\003\020  
\215\330\324\067\244\056\005\175\210\365\202\076\020\221\160\253  
\125\202\101\062\327\333\004\163\052\156\221\001\174\041\114\324  
\274\256\033\003\165\135\170\146\331\072\061\104\232\063\100\277  
\010\327\132\111\244\302\346\251\240\147\335\244\047\274\241\117  
\071\265\021\130\027\367\044\134\106\217\144\367\301\151\210\166  
\230\166\075\131\135\102\166\207\211\227\151\172\110\360\340\242  
\022\033\146\232\164\312\336\113\036\347\016\143\256\346\324\357  
\222\222\072\236\075\334\000\344\105\045\211\266\232\104\031\053  
\176\300\224\264\322\141\155\353\063\331\305\337\113\004\000\314  
\175\034\225\303\217\367\041\262\262\021\267\273\177\362\325\214  
\160\054\101\140\252\261\143\030\104\225\032\166\142\176\366\200  
\260\373\350\144\246\063\321\211\007\341\275\267\346\103\244\030  
\270\246\167\001\341\017\224\014\041\035\262\124\051\045\211\154

\345\016\122\121\107\164\276\046\254\266\101\165\336\172\254\137  
\215\077\311\274\323\101\021\022\133\345\020\120\353\061\305\312  
\162\026\042\011\337\174\114\165\077\143\354\041\137\304\040\121  
\153\157\261\253\206\213\117\302\326\105\137\235\040\374\241\036  
\305\300\217\242\261\176\012\046\231\365\344\151\057\230\035\055  
\365\331\251\262\035\345\033\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\206\060\035\006\003\125\035\016\004\026\004\024\354\327\343\202  
\322\161\135\144\114\337\056\147\077\347\272\230\256\034\017\117  
\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\003  
\202\002\001\000\273\141\331\175\251\154\276\027\304\221\033\303  
\241\242\000\215\343\144\150\017\126\317\167\256\160\371\375\232  
\112\231\271\311\170\134\014\014\137\344\346\024\051\126\013\066  
\111\135\104\143\340\255\234\226\030\146\033\043\015\075\171\351  
\155\153\326\124\370\322\074\301\103\100\256\035\120\365\122\374  
\220\073\273\230\231\151\153\307\301\247\250\150\244\047\334\235  
\371\047\256\060\205\271\366\147\115\072\076\217\131\071\042\123  
\104\353\310\135\003\312\355\120\172\175\142\041\012\200\310\163  
\146\321\240\005\140\137\350\245\264\247\257\250\367\155\065\234  
\174\132\212\326\242\070\231\363\170\213\364\115\322\040\013\336  
\004\356\214\233\107\201\162\015\300\024\062\357\060\131\056\256  
\340\161\362\126\344\152\227\157\222\120\155\226\215\150\172\232  
\262\066\024\172\006\362\044\271\011\021\120\327\010\261\270\211  
\172\204\043\141\102\051\345\243\315\242\040\101\327\321\234\144  
\331\352\046\241\213\024\327\114\031\262\120\101\161\075\077\115  
\160\043\206\014\112\334\201\322\314\062\224\204\015\010\011\227  
\034\117\300\356\153\040\164\060\322\340\071\064\020\205\041\025  
\001\010\350\125\062\336\161\111\331\050\027\120\115\346\276\115  
\321\165\254\320\312\373\101\270\103\245\252\323\303\005\104\117  
\054\066\233\342\372\342\105\270\043\123\154\006\157\147\125\177  
\106\265\114\077\156\050\132\171\046\322\244\250\142\227\322\036  
\342\355\112\213\274\033\375\107\112\015\337\147\146\176\262\133  
\101\320\073\344\364\073\364\004\143\351\357\302\124\000\121\240  
\212\052\311\316\170\314\325\352\207\004\030\263\316\257\111\210  
\257\363\222\231\266\263\346\141\017\322\205\000\347\120\032\344  
\033\225\235\031\241\271\234\261\233\261\000\036\357\320\017\117  
\102\154\311\012\274\356\103\372\072\161\245\310\115\046\245\065  
\375\211\135\274\205\142\035\062\322\240\053\124\355\232\127\301  
\333\372\020\317\031\267\213\112\033\217\001\266\047\225\123\350  
\266\211\155\133\274\150\324\043\350\213\121\242\126\371\360\246  
\200\240\326\036\263\274\017\017\123\165\051\252\352\023\167\344  
\336\214\201\041\255\007\020\107\021\255\207\075\007\321\165\274  
\317\363\146\176

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "DigiCert Trusted Root G4"
# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:05:9b:1b:57:9e:8e:21:32:e2:39:07:bd:a7:77:75:5c
# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
55:2F:7B:DC:F1:A7:AF:9E:6C:E6:72:01:7F:4F:12:AB:F7:72:40:C7:8E:76:1A:C2:03:D1:D9:D2:0A:C8:99:88
# Fingerprint (SHA1): DD:FB:16:CD:49:31:C9:73:A2:03:7D:3F:C8:3A:4D:7D:77:5D:05:E4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Trusted Root G4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\335\373\026\315\111\061\311\163\242\003\175\077\310\072\115\175
\167\135\005\344
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\170\362\374\252\140\037\057\264\353\311\067\272\123\056\165\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\104\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\107\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\134
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "COMODO RSA Certification Authority"
#
# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB
# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d
# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater
Manchester,C=GB

```

```
# Not Valid Before: Tue Jan 19 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34
# Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003
\206\235
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\330\060\202\003\300\240\003\002\001\002\002\020\114
\252\371\312\333\143\157\340\037\367\116\330\133\003\206\235\060
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201
\205\061\013\060\011\006\003\125\004\006\023\002\107\102\061\033
\060\031\006\003\125\004\010\023\022\107\162\145\141\164\145\162
\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006
\003\125\004\007\023\007\123\141\154\146\157\162\144\061\032\060
\030\006\003\125\004\012\023\021\103\117\115\117\104\117\040\103
\101\040\114\151\155\151\164\145\144\061\053\060\051\006\003\125
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\004\003\023\042\103\117\115\117\104\117\040\122\123\101\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\060\036\027\015\061\060\060\061\061\071  
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062  
\063\065\071\065\071\132\060\201\205\061\013\060\011\006\003\125  
\004\006\023\002\107\102\061\033\060\031\006\003\125\004\010\023  
\022\107\162\145\141\164\145\162\040\115\141\156\143\150\145\163  
\164\145\162\061\020\060\016\006\003\125\004\007\023\007\123\141  
\154\146\157\162\144\061\032\060\030\006\003\125\004\012\023\021  
\103\117\115\117\104\117\040\103\101\040\114\151\155\151\164\145  
\144\061\053\060\051\006\003\125\004\003\023\042\103\117\115\117  
\104\117\040\122\123\101\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\221  
\350\124\222\322\012\126\261\254\015\044\335\305\317\104\147\164  
\231\053\067\243\175\043\160\000\161\274\123\337\304\372\052\022  
\217\113\177\020\126\275\237\160\162\267\141\177\311\113\017\027  
\247\075\343\260\004\141\356\377\021\227\307\364\206\076\012\372  
\076\134\371\223\346\064\172\331\024\153\347\234\263\205\240\202  
\172\166\257\161\220\327\354\375\015\372\234\154\372\337\260\202  
\364\024\176\371\276\304\246\057\117\177\231\177\265\374\147\103  
\162\275\014\000\326\211\353\153\054\323\355\217\230\034\024\253  
\176\345\343\156\374\330\250\344\222\044\332\103\153\142\270\125  
\375\352\301\274\154\266\213\363\016\215\232\344\233\154\151\231  
\370\170\110\060\105\325\255\341\015\074\105\140\374\062\226\121  
\047\274\147\303\312\056\266\153\352\106\307\307\040\240\261\037  
\145\336\110\010\272\244\116\251\362\203\106\067\204\353\350\314  
\201\110\103\147\116\162\052\233\134\275\114\033\050\212\134\042  
\173\264\253\230\331\356\340\121\203\303\011\106\116\155\076\231  
\372\225\027\332\174\063\127\101\074\215\121\355\013\266\134\257  
\054\143\032\337\127\310\077\274\351\135\304\233\257\105\231\342  
\243\132\044\264\272\251\126\075\317\157\252\377\111\130\276\360  
\250\377\364\270\255\351\067\373\272\270\364\013\072\371\350\103  
\102\036\211\330\204\313\023\361\331\273\341\211\140\270\214\050  
\126\254\024\035\234\012\347\161\353\317\016\335\075\251\226\241  
\110\275\074\367\257\265\015\042\114\300\021\201\354\126\073\366  
\323\242\342\133\267\262\004\042\122\225\200\223\151\350\216\114  
\145\361\221\003\055\160\164\002\352\213\147\025\051\151\122\002  
\273\327\337\120\152\125\106\277\240\243\050\141\177\160\320\303  
\242\252\054\041\252\107\316\050\234\006\105\166\277\202\030\047  
\264\325\256\264\313\120\346\153\364\114\206\161\060\351\246\337  
\026\206\340\330\377\100\335\373\320\102\210\177\243\063\072\056  
\134\036\101\021\201\143\316\030\161\153\053\354\246\212\267\061  
\134\072\152\107\340\303\171\131\326\040\032\257\362\152\230\252  
\162\274\127\112\322\113\235\273\020\374\260\114\101\345\355\035  
\075\136\050\235\234\314\277\263\121\332\247\107\345\204\123\002  
\003\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004

\026\004\024\273\257\176\002\075\372\246\361\074\204\216\255\356  
\070\230\354\331\062\062\324\060\016\006\003\125\035\017\001\001  
\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\015\006\011\052\206\110\206  
\367\015\001\001\014\005\000\003\202\002\001\000\012\361\325\106  
\204\267\256\121\273\154\262\115\101\024\000\223\114\234\313\345  
\300\124\317\240\045\216\002\371\375\260\242\015\365\040\230\074  
\023\055\254\126\242\260\326\176\021\222\351\056\272\236\056\232  
\162\261\275\031\104\154\141\065\242\232\264\026\022\151\132\214  
\341\327\076\244\032\350\057\003\364\256\141\035\020\033\052\244  
\213\172\305\376\005\246\341\300\326\310\376\236\256\217\053\272  
\075\231\370\330\163\011\130\106\156\246\234\364\327\047\323\225  
\332\067\203\162\034\323\163\340\242\107\231\003\070\135\325\111  
\171\000\051\034\307\354\233\040\034\007\044\151\127\170\262\071  
\374\072\204\240\265\234\174\215\277\056\223\142\047\267\071\332  
\027\030\256\275\074\011\150\377\204\233\074\325\326\013\003\343  
\127\236\024\367\321\353\117\310\275\207\043\267\266\111\103\171  
\205\134\272\353\222\013\241\306\350\150\250\114\026\261\032\231  
\012\350\123\054\222\273\241\011\030\165\014\145\250\173\313\043  
\267\032\302\050\205\303\033\377\320\053\142\357\244\173\011\221  
\230\147\214\024\001\315\150\006\152\143\041\165\003\200\210\212  
\156\201\306\205\362\251\244\055\347\364\245\044\020\107\203\312  
\315\364\215\171\130\261\006\233\347\032\052\331\235\001\327\224  
\175\355\003\112\312\360\333\350\251\001\076\365\126\231\311\036  
\216\111\075\273\345\011\271\340\117\111\222\075\026\202\100\314  
\314\131\306\346\072\355\022\056\151\074\154\225\261\375\252\035  
\173\177\206\276\036\016\062\106\373\373\023\217\165\177\114\213  
\113\106\143\376\000\064\100\160\301\303\271\241\335\246\160\342  
\004\263\101\274\351\200\221\352\144\234\172\341\042\003\251\234  
\156\157\016\145\117\154\207\207\136\363\156\240\371\165\245\233  
\100\350\123\262\047\235\112\271\300\167\041\215\377\207\362\336  
\274\214\357\027\337\267\111\013\321\362\156\060\013\032\016\116  
\166\355\021\374\365\351\126\262\175\277\307\155\012\223\214\245  
\320\300\266\035\276\072\116\224\242\327\156\154\013\302\212\174  
\372\040\363\304\344\345\315\015\250\313\221\222\261\174\205\354  
\265\024\151\146\016\202\347\315\316\310\055\246\121\177\041\301  
\065\123\205\006\112\135\237\255\273\033\137\164

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "COMODO RSA Certification Authority"

# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

# Serial Number:4c:aa:f9:ca:db:63:6f:e0:1f:f7:4e:d8:5b:03:86:9d

# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB

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# Not Valid Before: Tue Jan 19 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
52:F0:E1:C4:E5:8E:C6:29:29:1B:60:31:7F:07:46:71:B8:5D:7E:A8:0D:5B:07:27:34:63:53:4B:32:B4:02:34
# Fingerprint (SHA1): AF:E5:D2:44:A8:D1:19:42:30:FF:47:9F:E2:F8:97:BB:CD:7A:8C:B4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\257\345\322\104\250\321\031\102\060\377\107\237\342\370\227\273
\315\172\214\264
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\061\260\161\100\066\314\024\066\221\255\304\076\375\354\030
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\114\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\122\123\101
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\252\371\312\333\143\157\340\037\367\116\330\133\003
\206\235
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "USERTrust RSA Certification Authority"
#
# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d
# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):

```

E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2  
# Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "USERTrust RSA Certification Authority"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112  
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013  
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006  
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122  
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006  
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040  
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065  
\003\055  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\336\060\202\003\306\240\003\002\001\002\002\020\001  
\375\155\060\374\243\312\121\250\033\274\144\016\065\003\055\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\201  
\210\061\013\060\011\006\003\125\004\006\023\002\125\123\061\023  
\060\021\006\003\125\004\010\023\012\116\145\167\040\112\145\162  
\163\145\171\061\024\060\022\006\003\125\004\007\023\013\112\145  
\162\163\145\171\040\103\151\164\171\061\036\060\034\006\003\125  
\004\012\023\025\124\150\145\040\125\123\105\122\124\122\125\123  
\124\040\116\145\164\167\157\162\153\061\056\060\054\006\003\125  
\004\003\023\045\125\123\105\122\124\162\165\163\164\040\122\123  
\101\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\060\036\027\015\061\060\060

\062\060\061\060\060\060\060\060\060\060\060\132\027\015\063\070\060\061  
\061\070\062\063\065\071\065\071\132\060\201\210\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\023\060\021\006\003\125  
\004\010\023\012\116\145\167\040\112\145\162\163\145\171\061\024  
\060\022\006\003\125\004\007\023\013\112\145\162\163\145\171\040  
\103\151\164\171\061\036\060\034\006\003\125\004\012\023\025\124  
\150\145\040\125\123\105\122\124\122\125\123\124\040\116\145\164  
\167\157\162\153\061\056\060\054\006\003\125\004\003\023\045\125  
\123\105\122\124\162\165\163\164\040\122\123\101\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\200\022\145\027\066\016\303\333\010\263\320  
\254\127\015\166\355\315\047\323\114\255\120\203\141\342\252\040  
\115\011\055\144\011\334\316\211\237\314\075\251\354\366\317\301  
\334\361\323\261\326\173\067\050\021\053\107\332\071\306\274\072  
\031\264\137\246\275\175\235\243\143\102\266\166\362\251\073\053  
\221\370\342\157\320\354\026\040\220\011\076\342\350\164\311\030  
\264\221\324\142\144\333\177\243\006\361\210\030\152\220\042\074  
\274\376\023\360\207\024\173\366\344\037\216\324\344\121\306\021  
\147\106\010\121\313\206\024\124\077\274\063\376\176\154\234\377  
\026\235\030\275\121\216\065\246\247\146\310\162\147\333\041\146  
\261\324\233\170\003\300\120\072\350\314\360\334\274\236\114\376  
\257\005\226\065\037\127\132\267\377\316\371\075\267\054\266\366  
\124\335\310\347\022\072\115\256\114\212\267\134\232\264\267\040  
\075\312\177\042\064\256\176\073\150\146\001\104\347\001\116\106  
\123\233\063\140\367\224\276\123\067\220\163\103\363\062\303\123  
\357\333\252\376\164\116\151\307\153\214\140\223\336\304\307\014  
\337\341\062\256\314\223\073\121\170\225\147\213\356\075\126\376  
\014\320\151\017\033\017\363\045\046\153\063\155\367\156\107\372  
\163\103\345\176\016\245\146\261\051\174\062\204\143\125\211\304  
\015\301\223\124\060\031\023\254\323\175\067\247\353\135\072\154  
\065\134\333\101\327\022\332\251\111\013\337\330\200\212\011\223  
\142\216\265\146\317\045\210\315\204\270\261\077\244\071\017\331  
\002\236\353\022\114\225\174\363\153\005\251\136\026\203\314\270  
\147\342\350\023\235\314\133\202\323\114\263\355\133\377\336\345  
\163\254\043\073\055\000\277\065\125\164\011\111\330\111\130\032  
\177\222\066\346\121\222\016\363\046\175\034\115\027\274\311\354  
\103\046\320\277\101\137\100\251\104\104\364\231\347\127\207\236  
\120\037\127\124\250\076\375\164\143\057\261\120\145\011\346\130  
\102\056\103\032\114\264\360\045\107\131\372\004\036\223\324\046  
\106\112\120\201\262\336\276\170\267\374\147\025\341\311\127\204  
\036\017\143\326\351\142\272\326\137\125\056\352\134\306\050\010  
\004\045\071\270\016\053\251\362\114\227\034\007\077\015\122\365  
\355\357\057\202\017\002\003\001\000\001\243\102\060\100\060\035  
\006\003\125\035\016\004\026\004\024\123\171\277\132\252\053\112  
\317\124\200\341\330\233\300\235\362\262\003\146\313\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006

\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\015  
\006\011\052\206\110\206\367\015\001\001\014\005\000\003\202\002  
\001\000\134\324\174\015\317\367\001\175\101\231\145\014\163\305  
\122\237\313\370\317\231\006\177\033\332\103\025\237\236\002\125  
\127\226\024\361\122\074\047\207\224\050\355\037\072\001\067\242  
\166\374\123\120\300\204\233\306\153\116\272\214\041\117\242\216  
\125\142\221\363\151\025\330\274\210\343\304\252\013\375\357\250  
\351\113\125\052\006\040\155\125\170\051\031\356\137\060\134\113  
\044\021\125\377\044\232\156\136\052\053\356\013\115\237\177\367  
\001\070\224\024\225\103\007\011\373\140\251\356\034\253\022\214  
\240\232\136\247\230\152\131\155\213\077\010\373\310\321\105\257  
\030\025\144\220\022\017\163\050\056\305\342\044\116\374\130\354  
\360\364\105\376\042\263\353\057\216\322\331\105\141\005\301\227  
\157\250\166\162\217\213\214\066\257\277\015\005\316\161\215\346  
\246\157\037\154\246\161\142\305\330\320\203\162\014\361\147\021  
\211\014\234\023\114\162\064\337\274\325\161\337\252\161\335\341  
\271\154\214\074\022\135\145\332\275\127\022\266\103\153\377\345  
\336\115\146\021\121\317\231\256\354\027\266\350\161\221\214\336  
\111\376\335\065\161\242\025\047\224\034\317\141\343\046\273\157  
\243\147\045\041\135\346\335\035\013\056\150\033\073\202\257\354  
\203\147\205\324\230\121\164\261\271\231\200\211\377\177\170\031  
\134\171\112\140\056\222\100\256\114\067\052\054\311\307\142\310  
\016\135\367\066\133\312\340\045\045\001\264\335\032\007\234\167  
\000\077\320\334\325\354\075\324\372\273\077\314\205\326\157\177  
\251\055\337\271\002\367\365\227\232\265\065\332\303\147\260\207  
\112\251\050\236\043\216\377\134\047\153\341\260\117\363\007\356  
\000\056\324\131\207\313\122\101\225\352\364\107\327\356\144\101  
\125\174\215\131\002\225\335\142\235\302\271\356\132\050\164\204  
\245\233\267\220\307\014\007\337\365\211\066\164\062\326\050\301  
\260\260\013\340\234\114\303\034\326\374\343\151\265\107\106\201  
\057\242\202\253\323\143\104\160\304\215\377\055\063\272\255\217  
\173\265\160\210\256\076\031\317\100\050\330\374\310\220\273\135  
\231\042\365\122\346\130\305\037\210\061\103\356\210\035\327\306  
\216\074\103\152\035\247\030\336\175\075\026\361\142\371\312\220  
\250\375

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "USERTrust RSA Certification Authority"  
# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New  
Jersey,C=US  
# Serial Number:01:fd:6d:30:fc:a3:ca:51:a8:1b:bc:64:0e:35:03:2d  
# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New  
Jersey,C=US  
# Not Valid Before: Mon Feb 01 00:00:00 2010  
# Not Valid After : Mon Jan 18 23:59:59 2038

```

# Fingerprint (SHA-256):
E7:93:C9:B0:2F:D8:AA:13:E2:1C:31:22:8A:CC:B0:81:19:64:3B:74:9C:89:89:64:B1:74:6D:46:C3:D4:CB:D2
# Fingerprint (SHA1): 2B:8F:1B:57:33:0D:BB:A2:D0:7A:6C:51:F7:0E:E9:0D:DA:B9:AD:8E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust RSA Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\053\217\033\127\063\015\273\242\320\172\154\121\367\016\351\015
\332\271\255\216
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\376\151\321\221\267\031\063\243\162\250\017\341\125\345\265
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\001\375\155\060\374\243\312\121\250\033\274\144\016\065
\003\055
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "USERTrust ECC Certification Authority"
#
# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26
# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New
Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A
# Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0

```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\217\060\202\002\025\240\003\002\001\002\002\020\134
\213\231\305\132\224\305\322\161\126\336\315\211\200\314\046\060
\012\006\010\052\206\110\316\075\004\003\003\060\201\210\061\013
\060\011\006\003\125\004\006\023\002\125\123\061\023\060\021\006
\003\125\004\010\023\012\116\145\167\040\112\145\162\163\145\171
\061\024\060\022\006\003\125\004\007\023\013\112\145\162\163\145
\171\040\103\151\164\171\061\036\060\034\006\003\125\004\012\023
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\040\116
\145\164\167\157\162\153\061\056\060\054\006\003\125\004\003\023
\045\125\123\105\122\124\162\165\163\164\040\105\103\103\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164
\150\157\162\151\164\171\060\036\027\015\061\060\060\062\060\061
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062
\063\065\071\065\071\132\060\201\210\061\013\060\011\006\003\125
```



\004\006\023\002\125\123\061\023\060\021\006\003\125\004\010\023  
\012\116\145\167\040\112\145\162\163\145\171\061\024\060\022\006  
\003\125\004\007\023\013\112\145\162\163\145\171\040\103\151\164  
\171\061\036\060\034\006\003\125\004\012\023\025\124\150\145\040  
\125\123\105\122\124\122\125\123\124\040\116\145\164\167\157\162  
\153\061\056\060\054\006\003\125\004\003\023\045\125\123\105\122  
\124\162\165\163\164\040\105\103\103\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005  
\053\201\004\000\042\003\142\000\004\032\254\124\132\251\371\150  
\043\347\172\325\044\157\123\306\132\330\113\253\306\325\266\321  
\346\163\161\256\335\234\326\014\141\375\333\240\211\003\270\005  
\024\354\127\316\356\135\077\342\041\263\316\367\324\212\171\340  
\243\203\176\055\227\320\141\304\361\231\334\045\221\143\253\177  
\060\243\264\160\342\307\241\063\234\363\277\056\134\123\261\137  
\263\175\062\177\212\064\343\171\171\243\102\060\100\060\035\006  
\003\125\035\016\004\026\004\024\072\341\011\206\324\317\031\302  
\226\166\164\111\166\334\340\065\306\143\143\232\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003  
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\012\006  
\010\052\206\110\316\075\004\003\003\003\150\000\060\145\002\060  
\066\147\241\026\010\334\344\227\000\101\035\116\276\341\143\001  
\317\073\252\102\021\144\240\235\224\071\002\021\171\134\173\035  
\372\144\271\356\026\102\263\277\212\302\011\304\354\344\261\115  
\002\061\000\351\052\141\107\214\122\112\113\116\030\160\366\326  
\104\326\156\365\203\272\155\130\275\044\331\126\110\352\357\304  
\242\106\201\210\152\072\106\321\251\233\115\311\141\332\321\135  
\127\152\030

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "USERTrust ECC Certification Authority"

# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Serial Number:5c:8b:99:c5:5a:94:c5:d2:71:56:de:cd:89:80:cc:26

# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US

# Not Valid Before: Mon Feb 01 00:00:00 2010

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

4F:F4:60:D5:4B:9C:86:DA:BF:BC:FC:57:12:E0:40:0D:2B:ED:3F:BC:4D:4F:BD:AA:86:E0:6A:DC:D2:A9:AD:7A

# Fingerprint (SHA1): D1:CB:CA:5D:B2:D5:2A:7F:69:3B:67:4D:E5:F0:5A:1D:0C:95:7D:F0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

```

CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\321\313\312\135\262\325\052\177\151\073\147\115\345\360\132\035
\014\225\175\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\372\150\274\331\265\177\255\375\311\035\006\203\050\314\044\301
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\105\103\103\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\134\213\231\305\132\224\305\322\161\126\336\315\211\200
\314\046
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign ECC Root CA - R4"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Serial Number:2a:38:a4:1c:96:0a:04:de:42:b2:28:a5:0b:e8:34:98:02
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
BE:C9:49:11:C2:95:56:76:DB:6C:0A:55:09:86:D7:6E:3B:A0:05:66:7C:44:2C:97:62:B4:FB:B7:73:DE:22:8C
# Fingerprint (SHA1): 69:69:56:2E:40:80:F4:24:A1:E7:19:9F:14:BA:F3:EE:58:AB:6A:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164

```

\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\052\070\244\034\226\012\004\336\102\262\050\245\013\350  
\064\230\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\001\341\060\202\001\207\240\003\002\001\002\002\021\052  
\070\244\034\226\012\004\336\102\262\050\245\013\350\064\230\002  
\060\012\006\010\052\206\110\316\075\004\003\002\060\120\061\044  
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123  
\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040  
\055\040\122\064\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156\060\036  
\027\015\061\062\061\061\061\063\060\060\060\060\060\132\027  
\015\063\070\060\061\061\071\060\063\061\064\060\067\132\060\120  
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141  
\154\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103  
\101\040\055\040\122\064\061\023\060\021\006\003\125\004\012\023  
\012\107\154\157\142\141\154\123\151\147\156\061\023\060\021\006  
\003\125\004\003\023\012\107\154\157\142\141\154\123\151\147\156  
\060\131\060\023\006\007\052\206\110\316\075\002\001\006\010\052  
\206\110\316\075\003\001\007\003\102\000\004\270\306\171\323\217  
\154\045\016\237\056\071\031\034\003\244\256\232\345\071\007\011  
\026\312\143\261\271\206\370\212\127\301\127\316\102\372\163\241  
\367\145\102\377\036\301\000\262\156\163\016\377\307\041\345\030  
\244\252\331\161\077\250\324\271\316\214\035\243\102\060\100\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\035\006\003\125\035\016\004\026\004\024\124\260\173\255\105  
\270\342\100\177\373\012\156\373\276\063\311\074\243\204\325\060  
\012\006\010\052\206\110\316\075\004\003\002\003\110\000\060\105  
\002\041\000\334\222\241\240\023\246\317\003\260\346\304\041\227  
\220\372\024\127\055\003\354\356\074\323\156\312\250\154\166\274  
\242\336\273\002\040\047\250\205\047\065\233\126\306\243\362\107

```
\322\267\156\033\002\000\027\252\147\246\025\221\336\372\224\354  
\173\013\370\237\204
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE  
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE  
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GlobalSign ECC Root CA - R4"
```

```
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
```

```
# Serial Number:2a:38:a4:1c:96:0a:04:de:42:b2:28:a5:0b:e8:34:98:02
```

```
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
```

```
# Not Valid Before: Tue Nov 13 00:00:00 2012
```

```
# Not Valid After : Tue Jan 19 03:14:07 2038
```

```
# Fingerprint (SHA-256):
```

```
BE:C9:49:11:C2:95:56:76:DB:6C:0A:55:09:86:D7:6E:3B:A0:05:66:7C:44:2C:97:62:B4:FB:B7:73:DE:22:8C
```

```
# Fingerprint (SHA1): 69:69:56:2E:40:80:F4:24:A1:E7:19:9F:14:BA:F3:EE:58:AB:6A:BB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\151\151\126\056\100\200\364\044\241\347\031\237\024\272\363\356  
\130\253\152\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\040\360\047\150\321\176\240\235\016\346\052\312\337\134\211\216
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\064\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\021\052\070\244\034\226\012\004\336\102\262\050\245\013\350  
\064\230\002
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
```

```
# Certificate "GlobalSign ECC Root CA - R5"
```

```
#
```

```
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24
# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371
\112\330\154
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\036\060\202\001\244\240\003\002\001\002\002\021\140
\131\111\340\046\056\273\125\371\012\167\212\161\371\112\330\154
\060\012\006\010\052\206\110\316\075\004\003\003\060\120\061\044
\060\042\006\003\125\004\013\023\033\107\154\157\142\141\154\123
\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040
\055\040\122\065\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156\060\036
\027\015\061\062\061\061\061\063\060\060\060\060\060\060\132\027
\015\063\070\060\061\061\071\060\063\061\064\060\067\132\060\120
\061\044\060\042\006\003\125\004\013\023\033\107\154\157\142\141
\154\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103
```

```
\101\040\055\040\122\065\061\023\060\021\006\003\125\004\012\023
\012\107\154\157\142\141\154\123\151\147\156\061\023\060\021\006
\003\125\004\003\023\012\107\154\157\142\141\154\123\151\147\156
\060\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053
\201\004\000\042\003\142\000\004\107\105\016\226\373\175\135\277
\351\071\321\041\370\237\013\266\325\173\036\222\072\110\131\034
\360\142\061\055\300\172\050\376\032\247\134\263\266\314\227\347
\105\324\130\372\321\167\155\103\242\300\207\145\064\012\037\172
\335\353\074\063\241\305\235\115\244\157\101\225\070\177\311\036
\204\353\321\236\111\222\207\224\207\014\072\205\112\146\237\235
\131\223\115\227\141\006\206\112\243\102\060\100\060\016\006\003
\125\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003
\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006
\003\125\035\016\004\026\004\024\075\346\051\110\233\352\007\312
\041\104\112\046\336\156\336\322\203\320\237\131\060\012\006\010
\052\206\110\316\075\004\003\003\003\150\000\060\145\002\061\000
\345\151\022\311\156\333\306\061\272\011\101\341\227\370\373\375
\232\342\175\022\311\355\174\144\323\313\005\045\213\126\331\240
\347\136\135\116\013\203\234\133\166\051\240\011\046\041\152\142
\002\060\161\322\265\217\134\352\073\341\170\011\205\250\165\222
\073\310\134\375\110\357\015\164\042\250\010\342\156\305\111\316
\307\014\274\247\141\151\361\367\073\341\052\313\371\053\363\146
\220\067
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GlobalSign ECC Root CA - R5"
```

```
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
```

```
# Serial Number:60:59:49:e0:26:2e:bb:55:f9:0a:77:8a:71:f9:4a:d8:6c
```

```
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
```

```
# Not Valid Before: Tue Nov 13 00:00:00 2012
```

```
# Not Valid After : Tue Jan 19 03:14:07 2038
```

```
# Fingerprint (SHA-256):
```

```
17:9F:BC:14:8A:3D:D0:0F:D2:4E:A1:34:58:CC:43:BF:A7:F5:9C:81:82:D7:83:A5:13:F6:EB:EC:10:0C:89:24
```

```
# Fingerprint (SHA1): 1F:24:C6:30:CD:A4:18:EF:20:69:FF:AD:4F:DD:5F:46:3A:1B:69:AA
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\037\044\306\060\315\244\030\357\040\151\377\255\117\335\137\106
\072\033\151\252
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\237\255\073\034\002\036\212\272\027\164\070\201\014\242\274\010
```

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157  
\142\141\154\123\151\147\156\040\105\103\103\040\122\157\157\164  
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004  
\012\023\012\107\154\157\142\141\154\123\151\147\156\061\023\060  
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151  
\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\140\131\111\340\046\056\273\125\371\012\167\212\161\371  
\112\330\154

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Staat der Nederlanden Root CA - G3"

#

# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL

# Serial Number: 10003001 (0x98a239)

# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL

# Not Valid Before: Thu Nov 14 11:28:42 2013

# Not Valid After : Mon Nov 13 23:00:00 2028

# Fingerprint (SHA-256):

3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28

# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Staat der Nederlanden Root CA - G3"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061  
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040  
\122\157\157\164\040\103\101\040\055\040\107\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061  
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061

\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040  
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040  
\122\157\157\164\040\103\101\040\055\040\107\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\000\230\242\071

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\164\060\202\003\134\240\003\002\001\002\002\004\000  
\230\242\071\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\132\061\013\060\011\006\003\125\004\006\023\002\116  
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141  
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\061\053\060\051\006\003\125\004\003\014\042\123\164\141\141  
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145  
\156\040\122\157\157\164\040\103\101\040\055\040\107\063\060\036  
\027\015\061\063\061\061\061\064\061\061\062\070\064\062\132\027  
\015\062\070\061\061\061\063\062\063\060\060\060\060\132\060\132  
\061\013\060\011\006\003\125\004\006\023\002\116\114\061\036\060  
\034\006\003\125\004\012\014\025\123\164\141\141\164\040\144\145  
\162\040\116\145\144\145\162\154\141\156\144\145\156\061\053\060  
\051\006\003\125\004\003\014\042\123\164\141\141\164\040\144\145  
\162\040\116\145\144\145\162\154\141\156\144\145\156\040\122\157  
\157\164\040\103\101\040\055\040\107\063\060\202\002\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\002  
\017\000\060\202\002\012\002\202\002\001\000\276\062\242\124\017  
\160\373\054\134\131\353\154\304\244\121\350\205\052\263\314\112  
\064\362\260\137\363\016\307\034\075\123\036\210\010\150\330\157  
\075\255\302\236\314\202\147\007\047\207\150\161\072\237\165\226  
\042\106\005\260\355\255\307\133\236\052\336\234\374\072\306\225  
\247\365\027\147\030\347\057\111\010\014\134\317\346\314\064\355  
\170\373\120\261\334\153\062\360\242\376\266\074\344\354\132\227  
\307\077\036\160\010\060\240\334\305\263\155\157\320\202\162\021  
\253\322\201\150\131\202\027\267\170\222\140\372\314\336\077\204  
\353\215\070\063\220\012\162\043\372\065\314\046\161\061\321\162  
\050\222\331\133\043\155\146\265\155\007\102\353\246\063\316\222  
\333\300\366\154\143\170\315\312\116\075\265\345\122\233\361\276  
\073\346\124\140\260\146\036\011\253\007\376\124\211\021\102\321  
\367\044\272\140\170\032\230\367\311\021\375\026\301\065\032\124  
\165\357\103\323\345\256\116\316\347\173\303\306\116\141\121\113  
\253\232\105\113\241\037\101\275\110\123\025\161\144\013\206\263  
\345\056\276\316\244\033\301\051\204\242\265\313\010\043\166\103  
\042\044\037\027\004\324\156\234\306\374\177\053\146\032\354\212  
\345\326\317\115\365\143\011\267\025\071\326\173\254\353\343\174  
\351\116\374\165\102\310\355\130\225\014\006\102\242\234\367\344  
\160\263\337\162\157\132\067\100\211\330\205\244\327\361\013\336  
\103\031\324\112\130\054\214\212\071\236\277\204\207\361\026\073  
\066\014\351\323\264\312\154\031\101\122\011\241\035\260\152\277



\202\357\160\121\041\062\334\005\166\214\313\367\144\344\003\120  
\257\214\221\147\253\305\362\356\130\330\336\276\367\347\061\317  
\154\311\073\161\301\325\210\265\145\274\300\350\027\027\007\022  
\265\134\322\253\040\223\264\346\202\203\160\066\305\315\243\215  
\255\213\354\243\301\103\207\346\103\342\064\276\225\213\065\355  
\007\071\332\250\035\172\237\066\236\022\260\014\145\022\220\025  
\140\331\046\100\104\343\126\140\245\020\324\152\074\375\101\334  
\016\132\107\266\357\227\141\165\117\331\376\307\262\035\324\355  
\135\111\263\251\152\313\146\204\023\325\134\240\334\337\156\167  
\006\321\161\165\310\127\157\257\017\167\133\002\003\001\000\001  
\243\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005  
\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024  
\124\255\372\307\222\127\256\312\065\234\056\022\373\344\272\135  
\040\334\224\127\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\002\001\000\060\231\235\005\062\310\136\016  
\073\230\001\072\212\244\347\007\367\172\370\347\232\337\120\103  
\123\227\052\075\312\074\107\230\056\341\025\173\361\222\363\141  
\332\220\045\026\145\300\237\124\135\016\003\073\133\167\002\234  
\204\266\015\230\137\064\335\073\143\302\303\050\201\302\234\051  
\056\051\342\310\303\001\362\063\352\052\252\314\011\010\367\145  
\147\306\315\337\323\266\053\247\275\314\321\016\160\137\270\043  
\321\313\221\116\012\364\310\172\345\331\143\066\301\324\337\374  
\042\227\367\140\135\352\051\057\130\262\275\130\275\215\226\117  
\020\165\277\110\173\075\121\207\241\074\164\042\302\374\007\177  
\200\334\304\254\376\152\301\160\060\260\351\216\151\342\054\151  
\201\224\011\272\335\376\115\300\203\214\224\130\300\106\040\257  
\234\037\002\370\065\125\111\057\106\324\300\360\240\226\002\017  
\063\305\161\363\236\043\175\224\267\375\072\323\011\203\006\041  
\375\140\075\256\062\300\322\356\215\246\360\347\264\202\174\012  
\314\160\311\171\200\370\376\114\367\065\204\031\212\061\373\012  
\331\327\177\233\360\242\232\153\303\005\112\355\101\140\024\060  
\321\252\021\102\156\323\043\002\004\013\306\145\335\335\122\167  
\332\201\153\262\250\372\001\070\271\226\352\052\154\147\227\211  
\224\236\274\341\124\325\344\152\170\357\112\275\053\232\075\100  
\176\306\300\165\322\156\373\150\060\354\354\213\235\371\111\065  
\232\032\054\331\263\225\071\325\036\222\367\246\271\145\057\345  
\075\155\072\110\114\010\334\344\050\022\050\276\175\065\134\352  
\340\026\176\023\033\152\327\076\327\236\374\055\165\262\301\024  
\325\043\003\333\133\157\013\076\170\057\015\336\063\215\026\267  
\110\347\203\232\201\017\173\301\103\115\125\004\027\070\112\121  
\325\131\242\211\164\323\237\276\036\113\327\306\155\267\210\044  
\157\140\221\244\202\205\133\126\101\274\320\104\253\152\023\276  
\321\054\130\267\022\063\130\262\067\143\334\023\365\224\035\077  
\100\121\365\117\365\072\355\310\305\353\302\036\035\026\225\172  
\307\176\102\161\223\156\113\025\267\060\337\252\355\127\205\110  
\254\035\152\335\071\151\344\341\171\170\276\316\005\277\241\014  
\367\200\173\041\147\047\060\131

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "Staat der Nederlanden Root CA - G3"
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
3C:4F:B0:B9:5A:B8:B3:00:32:F4:32:B8:6F:53:5F:E1:72:C1:85:D0:FD:39:86:58:37:CF:36:18:7F:A6:F4:28
# Fingerprint (SHA1): D8:EB:6B:41:51:92:59:E0:F3:E7:85:00:C0:3D:B6:88:97:C9:EE:FC
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\330\353\153\101\121\222\131\340\363\347\205\000\300\075\266\210
\227\311\356\374
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\013\106\147\007\333\020\057\031\214\065\120\140\321\013\364\067
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\242\071
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Staat der Nederlanden EV Root CA"
#
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL

```

```
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\105\126\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\226\215
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\160\060\202\003\130\240\003\002\001\002\002\004\000
\230\226\215\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\130\061\013\060\011\006\003\125\004\006\023\002\116
\114\061\036\060\034\006\003\125\004\012\014\025\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\061\051\060\047\006\003\125\004\003\014\040\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\040\105\126\040\122\157\157\164\040\103\101\060\036\027\015
\061\060\061\062\060\070\061\061\061\071\062\071\132\027\015\062
\062\061\062\060\070\061\061\061\060\062\070\132\060\130\061\013
\060\011\006\003\125\004\006\023\002\116\114\061\036\060\034\006
\003\125\004\012\014\025\123\164\141\141\164\040\144\145\162\040
\116\145\144\145\162\154\141\156\144\145\156\061\051\060\047\006
\003\125\004\003\014\040\123\164\141\141\164\040\144\145\162\040
\116\145\144\145\162\154\141\156\144\145\156\040\105\126\040\122
\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052\206
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\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\343\307\176\211\371\044\113\072\322  
\063\203\065\054\151\354\334\011\244\343\121\250\045\053\171\270  
\010\075\340\221\272\204\205\306\205\244\312\346\311\056\123\244  
\311\044\036\375\125\146\161\135\054\305\140\150\004\267\331\302  
\122\046\070\210\244\326\073\100\246\302\315\077\315\230\223\263  
\124\024\130\226\125\325\120\376\206\255\244\143\177\134\207\366  
\216\346\047\222\147\027\222\002\003\054\334\326\146\164\355\335  
\147\377\301\141\215\143\117\017\233\155\027\060\046\357\253\322  
\037\020\240\371\305\177\026\151\201\003\107\355\036\150\215\162  
\241\115\262\046\306\272\154\137\155\326\257\321\261\023\216\251  
\255\363\136\151\165\046\030\076\101\053\041\177\356\213\135\007  
\006\235\103\304\051\012\053\374\052\076\206\313\074\203\072\371  
\311\015\332\305\231\342\274\170\101\063\166\341\277\057\135\345  
\244\230\120\014\025\335\340\372\234\177\070\150\320\262\246\172  
\247\321\061\275\176\212\130\047\103\263\272\063\221\323\247\230  
\025\134\232\346\323\017\165\331\374\101\230\227\076\252\045\333  
\217\222\056\260\173\014\137\361\143\251\067\371\233\165\151\114  
\050\046\045\332\325\362\022\160\105\125\343\337\163\136\067\365  
\041\154\220\216\065\132\311\323\043\353\323\300\276\170\254\102  
\050\130\146\245\106\155\160\002\327\020\371\113\124\374\135\206  
\112\207\317\177\312\105\254\021\132\265\040\121\215\057\210\107  
\227\071\300\317\272\300\102\001\100\231\110\041\013\153\247\322  
\375\226\325\321\276\106\235\111\340\013\246\240\042\116\070\320  
\301\074\060\274\160\217\054\165\314\320\305\214\121\073\075\224  
\010\144\046\141\175\271\303\145\217\024\234\041\320\252\375\027  
\162\003\217\275\233\214\346\136\123\236\271\235\357\202\273\341  
\274\342\162\101\133\041\224\323\105\067\224\321\337\011\071\135  
\347\043\252\232\035\312\155\250\012\206\205\212\202\276\102\007  
\326\362\070\202\163\332\207\133\345\074\323\236\076\247\073\236  
\364\003\263\371\361\175\023\164\002\377\273\241\345\372\000\171  
\034\246\146\101\210\134\140\127\246\056\011\304\272\375\232\317  
\247\037\100\303\273\314\132\012\125\113\073\070\166\121\270\143  
\213\204\224\026\346\126\363\002\003\001\000\001\243\102\060\100  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001  
\006\060\035\006\003\125\035\016\004\026\004\024\376\253\000\220  
\230\236\044\374\251\314\032\212\373\047\270\277\060\156\250\073  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\317\167\054\156\126\276\116\263\266\204\000\224  
\253\107\311\015\322\166\307\206\237\035\007\323\266\264\273\010  
\170\257\151\322\013\111\336\063\305\254\255\302\210\002\175\006  
\267\065\002\301\140\311\277\304\350\224\336\324\323\251\023\045  
\132\376\156\242\256\175\005\334\175\363\154\360\176\246\215\356  
\331\327\316\130\027\350\251\051\256\163\110\207\347\233\312\156  
\051\241\144\137\031\023\367\256\006\020\377\121\306\233\115\125  
\045\117\223\231\020\001\123\165\361\023\316\307\246\101\101\322  
\277\210\245\177\105\374\254\270\245\265\063\014\202\304\373\007

```
\366\152\345\045\204\137\006\312\301\206\071\021\333\130\315\167
\073\054\302\114\017\136\232\343\360\253\076\141\033\120\044\302
\300\364\361\031\360\021\051\266\245\030\002\233\327\143\114\160
\214\107\243\003\103\134\271\135\106\240\015\157\377\131\216\276
\335\237\162\303\133\053\337\214\133\316\345\014\106\154\222\262
\012\243\114\124\102\030\025\022\030\275\332\374\272\164\156\377
\301\266\240\144\330\251\137\125\256\237\134\152\166\226\330\163
\147\207\373\115\177\134\356\151\312\163\020\373\212\251\375\236
\275\066\070\111\111\207\364\016\024\360\351\207\270\077\247\117
\172\132\216\171\324\223\344\273\150\122\204\254\154\351\363\230
\160\125\162\062\371\064\253\053\111\265\315\040\142\344\072\172
\147\143\253\226\334\155\256\227\354\374\237\166\126\210\056\146
\317\133\266\311\244\260\327\005\272\341\047\057\223\273\046\052
\242\223\260\033\363\216\276\035\100\243\271\066\217\076\202\032
\032\136\210\352\120\370\131\342\203\106\051\013\343\104\134\341
\225\266\151\220\232\024\157\227\256\201\317\150\357\231\232\276
\265\347\341\177\370\372\023\107\026\114\314\155\010\100\347\213
\170\157\120\202\104\120\077\146\006\212\253\103\204\126\112\017
\040\055\206\016\365\322\333\322\172\212\113\315\245\350\116\361
\136\046\045\001\131\043\240\176\322\366\176\041\127\327\047\274
\025\127\114\244\106\301\340\203\036\014\114\115\037\117\006\031
\342\371\250\364\072\202\241\262\171\103\171\326\255\157\172\047
\220\003\244\352\044\207\077\331\275\331\351\362\137\120\111\034
\356\354\327\056
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Staat der Nederlanden EV Root CA"
```

```
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
```

```
# Serial Number: 10000013 (0x98968d)
```

```
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
```

```
# Not Valid Before: Wed Dec 08 11:19:29 2010
```

```
# Not Valid After : Thu Dec 08 11:10:28 2022
```

```
# Fingerprint (SHA-256):
```

```
4D:24:91:41:4C:FE:95:67:46:EC:4C:EF:A6:CF:6F:72:E2:8A:13:29:43:2F:9D:8A:90:7A:C4:CB:5D:AD:C1:5A
```

```
# Fingerprint (SHA1): 76:E2:7E:C1:4F:DB:82:C1:C0:A6:75:B5:05:BE:3D:29:B4:ED:DB:BB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\166\342\176\301\117\333\202\301\300\246\165\265\005\276\075\051
\264\355\333\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

\374\006\257\173\350\032\361\232\264\350\322\160\037\300\365\272

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\130\061\013\060\011\006\003\125\004\006\023\002\116\114\061

\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040

\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061

\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040

\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040

\105\126\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\000\230\226\215

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "IdenTrust Commercial Root CA 1"

#

# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US

# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02

# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US

# Not Valid Before: Thu Jan 16 18:12:23 2014

# Not Valid After : Mon Jan 16 18:12:23 2034

# Fingerprint (SHA-256):

5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE

# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "IdenTrust Commercial Root CA 1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162

\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144

\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151

\141\154\040\122\157\157\164\040\103\101\040\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162

\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144

\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151

\141\154\040\122\157\157\164\040\103\101\040\061  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000  
\000\002  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\140\060\202\003\110\240\003\002\001\002\002\020\012  
\001\102\200\000\000\001\105\043\310\104\265\000\000\000\002\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\112  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060  
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163  
\164\061\047\060\045\006\003\125\004\003\023\036\111\144\145\156  
\124\162\165\163\164\040\103\157\155\155\145\162\143\151\141\154  
\040\122\157\157\164\040\103\101\040\061\060\036\027\015\061\064  
\060\061\061\066\061\070\061\062\062\063\132\027\015\063\064\060  
\061\061\066\061\070\061\062\062\063\132\060\112\061\013\060\011  
\006\003\125\004\006\023\002\125\123\061\022\060\020\006\003\125  
\004\012\023\011\111\144\145\156\124\162\165\163\164\061\047\060  
\045\006\003\125\004\003\023\036\111\144\145\156\124\162\165\163  
\164\040\103\157\155\155\145\162\143\151\141\154\040\122\157\157  
\164\040\103\101\040\061\060\202\002\042\060\015\006\011\052\206  
\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060\202  
\002\012\002\202\002\001\000\247\120\031\336\077\231\075\324\063  
\106\361\157\121\141\202\262\251\117\217\147\211\135\204\331\123  
\335\014\050\331\327\360\377\256\225\103\162\231\371\265\135\174  
\212\301\102\341\061\120\164\321\201\015\174\315\233\041\253\103  
\342\254\255\136\206\156\363\011\212\037\132\062\275\242\353\224  
\371\350\134\012\354\377\230\322\257\161\263\264\123\237\116\207  
\357\222\274\275\354\117\062\060\210\113\027\136\127\304\123\302  
\366\002\227\215\331\142\053\277\044\037\142\215\337\303\270\051  
\113\111\170\074\223\140\210\042\374\231\332\066\310\302\242\324  
\054\124\000\147\065\156\163\277\002\130\360\244\335\345\260\242  
\046\172\312\340\066\245\031\026\365\375\267\357\256\077\100\365  
\155\132\004\375\316\064\312\044\334\164\043\033\135\063\023\022  
\135\304\001\045\366\060\335\002\135\237\340\325\107\275\264\353  
\033\241\273\111\111\330\237\133\002\363\212\344\044\220\344\142  
\117\117\301\257\213\016\164\027\250\321\162\210\152\172\001\111  
\314\264\106\171\306\027\261\332\230\036\007\131\372\165\041\205  
\145\335\220\126\316\373\253\245\140\235\304\235\371\122\260\213  
\275\207\371\217\053\043\012\043\166\073\367\063\341\311\000\363  
\151\371\113\242\340\116\274\176\223\071\204\007\367\104\160\176  
\376\007\132\345\261\254\321\030\314\362\065\345\111\111\010\312  
\126\311\075\373\017\030\175\213\073\301\023\302\115\217\311\117  
\016\067\351\037\241\016\152\337\142\056\313\065\006\121\171\054  
\310\045\070\364\372\113\247\211\134\234\322\343\015\071\206\112  
\164\174\325\131\207\302\077\116\014\134\122\364\075\367\122\202  
\361\352\243\254\375\111\064\032\050\363\101\210\072\023\356\350

\336\377\231\035\137\272\313\350\036\362\271\120\140\300\061\323  
\163\345\357\276\240\355\063\013\164\276\040\040\304\147\154\360  
\010\003\172\125\200\177\106\116\226\247\364\036\076\341\366\330  
\011\341\063\144\053\143\327\062\136\237\371\300\173\017\170\157  
\227\274\223\232\371\234\022\220\170\172\200\207\025\327\162\164  
\234\125\164\170\261\272\341\156\160\004\272\117\240\272\150\303  
\173\377\061\360\163\075\075\224\052\261\013\101\016\240\376\115  
\210\145\153\171\063\264\327\002\003\001\000\001\243\102\060\100  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\035\006\003\125\035\016\004\026\004\024\355\104\031\300  
\323\360\006\213\356\244\173\276\102\347\046\124\310\216\066\166  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\002\001\000\015\256\220\062\366\246\113\174\104\166\031\141  
\036\047\050\315\136\124\357\045\274\343\010\220\371\051\327\256  
\150\010\341\224\000\130\357\056\056\176\123\122\214\266\134\007  
\352\210\272\231\213\120\224\327\202\200\337\141\011\000\223\255  
\015\024\346\316\301\362\067\224\170\260\137\234\263\242\163\270  
\217\005\223\070\315\215\076\260\270\373\300\317\261\362\354\055  
\055\033\314\354\252\232\263\252\140\202\033\055\073\303\204\075  
\127\212\226\036\234\165\270\323\060\315\140\010\203\220\323\216  
\124\361\115\146\300\135\164\003\100\243\356\205\176\302\037\167  
\234\006\350\301\247\030\135\122\225\355\311\335\045\236\155\372  
\251\355\243\072\064\320\131\173\332\355\120\363\065\277\355\353  
\024\115\061\307\140\364\332\361\207\234\342\110\342\306\305\067  
\373\006\020\372\165\131\146\061\107\051\332\166\232\034\351\202  
\256\357\232\271\121\367\210\043\232\151\225\142\074\345\125\200  
\066\327\124\002\377\361\271\135\316\324\043\157\330\105\204\112  
\133\145\357\211\014\335\024\247\040\313\030\245\045\264\015\371  
\001\360\242\322\364\000\310\164\216\241\052\110\216\145\333\023  
\304\342\045\027\175\353\276\207\133\027\040\124\121\223\112\123  
\003\013\354\135\312\063\355\142\375\105\307\057\133\334\130\240  
\200\071\346\372\327\376\023\024\246\355\075\224\112\102\164\324  
\303\167\131\163\315\217\106\276\125\070\357\372\350\221\062\352  
\227\130\004\042\336\070\303\314\274\155\311\063\072\152\012\151  
\077\240\310\352\162\217\214\143\206\043\275\155\074\226\236\225  
\340\111\114\252\242\271\052\033\234\066\201\170\355\303\350\106  
\342\046\131\104\165\036\331\165\211\121\315\020\204\235\141\140  
\313\135\371\227\042\115\216\230\346\343\177\366\133\273\256\315  
\312\112\201\153\136\013\363\121\341\164\053\351\176\047\247\331  
\231\111\116\370\245\200\333\045\017\034\143\142\212\311\063\147  
\153\074\020\203\306\255\336\250\315\026\216\215\360\007\067\161  
\237\362\253\374\101\365\301\213\354\000\067\135\011\345\116\200  
\357\372\261\134\070\006\245\033\112\341\334\070\055\074\334\253  
\037\220\032\325\112\234\356\321\160\154\314\356\364\127\370\030  
\272\204\156\207

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE



CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "IdenTrust Commercial Root CA 1"

# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US

# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02

# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US

# Not Valid Before: Thu Jan 16 18:12:23 2014

# Not Valid After : Mon Jan 16 18:12:23 2034

# Fingerprint (SHA-256):

5D:56:49:9B:E4:D2:E0:8B:CF:CA:D0:8A:3E:38:72:3D:50:50:3B:DE:70:69:48:E4:2F:55:60:30:19:E5:28:AE

# Fingerprint (SHA1): DF:71:7E:AA:4A:D9:4E:C9:55:84:99:60:2D:48:DE:5F:BC:F0:3A:25

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "IdenTrust Commercial Root CA 1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\337\161\176\252\112\331\116\311\125\204\231\140\055\110\336\137

\274\360\072\045

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\263\076\167\163\165\356\240\323\343\176\111\143\111\131\273\307

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\112\061\013\060\011\006\003\125\004\006\023\002\125\123\061

\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162

\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144

\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151

\141\154\040\122\157\157\164\040\103\101\040\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000

\000\002

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "IdenTrust Public Sector Root CA 1"

#

# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US

# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02

# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US

# Not Valid Before: Thu Jan 16 17:53:32 2014

# Not Valid After : Mon Jan 16 17:53:32 2034

```
# Fingerprint (SHA-256):
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\146\060\202\003\116\240\003\002\001\002\002\020\012
\001\102\200\000\000\001\105\043\317\106\174\000\000\000\002\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\115
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060
\020\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163
\164\061\052\060\050\006\003\125\004\003\023\041\111\144\145\156
\124\162\165\163\164\040\120\165\142\154\151\143\040\123\145\143
\164\157\162\040\122\157\157\164\040\103\101\040\061\060\036\027
\015\061\064\060\061\061\066\061\067\065\063\063\062\132\027\015
\063\064\060\061\061\066\061\067\065\063\063\062\132\060\115\061
\013\060\011\006\003\125\004\006\023\002\125\123\061\022\060\020
\006\003\125\004\012\023\011\111\144\145\156\124\162\165\163\164
\061\052\060\050\006\003\125\004\003\023\041\111\144\145\156\124
\162\165\163\164\040\120\165\142\154\151\143\040\123\145\143\164
\157\162\040\122\157\157\164\040\103\101\040\061\060\202\002\042
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003
\202\002\017\000\060\202\002\012\002\202\002\001\000\266\042\224
\374\244\110\257\350\107\153\012\373\047\166\344\362\077\212\073
\172\112\054\061\052\214\215\260\251\303\061\153\250\167\166\204
```

\046\266\254\201\102\015\010\353\125\130\273\172\370\274\145\175  
\362\240\155\213\250\107\351\142\166\036\021\356\010\024\321\262  
\104\026\364\352\320\372\036\057\136\333\313\163\101\256\274\000  
\260\112\053\100\262\254\341\073\113\302\055\235\344\241\233\354  
\032\072\036\360\010\263\320\344\044\065\007\237\234\264\311\122  
\155\333\007\312\217\265\133\360\203\363\117\307\055\245\310\255  
\313\225\040\244\061\050\127\130\132\344\215\033\232\253\236\015  
\014\362\012\063\071\042\071\012\227\056\363\123\167\271\104\105  
\375\204\313\066\040\201\131\055\232\157\155\110\110\141\312\114  
\337\123\321\257\122\274\104\237\253\057\153\203\162\357\165\200  
\332\006\063\033\135\310\332\143\306\115\315\254\146\061\315\321  
\336\076\207\020\066\341\271\244\172\357\140\120\262\313\312\246  
\126\340\067\257\253\064\023\071\045\350\071\146\344\230\172\252  
\022\230\234\131\146\206\076\255\361\260\312\076\006\017\173\360  
\021\113\067\240\104\155\173\313\250\214\161\364\325\265\221\066  
\314\360\025\306\053\336\121\027\261\227\114\120\075\261\225\131  
\174\005\175\055\041\325\000\277\001\147\242\136\173\246\134\362  
\367\042\361\220\015\223\333\252\104\121\146\314\175\166\003\353  
\152\250\052\070\031\227\166\015\153\212\141\371\274\366\356\166  
\375\160\053\335\051\074\370\012\036\133\102\034\213\126\057\125  
\033\034\241\056\265\307\026\346\370\252\074\222\216\151\266\001  
\301\265\206\235\211\017\013\070\224\124\350\352\334\236\075\045  
\274\123\046\355\325\253\071\252\305\100\114\124\253\262\264\331  
\331\370\327\162\333\034\274\155\275\145\137\357\210\065\052\146  
\057\356\366\263\145\360\063\215\174\230\101\151\106\017\103\034  
\151\372\233\265\320\141\152\315\312\113\331\114\220\106\253\025  
\131\241\107\124\051\056\203\050\137\034\302\242\253\162\027\000  
\006\216\105\354\213\342\063\075\177\332\031\104\344\142\162\303  
\337\042\306\362\126\324\335\137\225\162\355\155\137\367\110\003  
\133\375\305\052\240\366\163\043\204\020\033\001\347\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\343\161\340\236\330\247\102\331\333\161\221\153\224\223  
\353\303\243\321\024\243\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\002\001\000\107\372\335\012\260\021  
\221\070\255\115\135\367\345\016\227\124\031\202\110\207\124\214  
\252\144\231\330\132\376\210\001\305\130\245\231\261\043\124\043  
\267\152\035\040\127\345\001\142\101\027\323\011\333\165\313\156  
\124\220\165\376\032\237\201\012\302\335\327\367\011\320\133\162  
\025\344\036\011\152\075\063\363\041\232\346\025\176\255\121\325  
\015\020\355\175\102\300\217\356\300\232\010\325\101\326\134\016  
\041\151\156\200\141\016\025\300\270\317\305\111\022\122\314\276  
\072\314\324\056\070\005\336\065\375\037\157\270\200\150\230\075  
\115\240\312\100\145\322\163\174\365\213\331\012\225\077\330\077  
\043\155\032\321\052\044\031\331\205\263\027\357\170\156\251\130  
\321\043\323\307\023\355\162\045\177\135\261\163\160\320\177\006  
\227\011\204\051\200\141\035\372\136\377\163\254\240\343\211\270

```
\034\161\025\306\336\061\177\022\334\341\155\233\257\347\350\237
\165\170\114\253\106\073\232\316\277\005\030\135\115\025\074\026
\232\031\120\004\232\262\232\157\145\213\122\137\074\130\004\050
\045\300\146\141\061\176\271\340\165\271\032\250\201\326\162\027
\263\305\003\061\065\021\170\170\242\340\351\060\214\177\200\337
\130\337\074\272\047\226\342\200\064\155\343\230\323\144\047\254
\110\176\050\167\134\306\045\141\045\370\205\014\145\372\304\062
\057\245\230\005\344\370\013\147\026\026\306\202\270\062\031\371
\371\271\171\334\037\315\353\257\253\016\335\033\333\105\344\172
\347\002\342\225\135\374\151\360\123\151\141\225\165\171\013\136
\125\346\070\034\224\251\131\063\236\310\161\164\171\177\121\211
\266\310\152\270\060\310\152\070\303\156\236\341\067\026\352\005
\142\114\133\022\107\355\247\264\263\130\126\307\111\363\177\022
\150\011\061\161\360\155\370\116\107\373\326\205\356\305\130\100
\031\244\035\247\371\113\103\067\334\150\132\117\317\353\302\144
\164\336\264\025\331\364\124\124\032\057\034\327\227\161\124\220
\216\331\040\235\123\053\177\253\217\342\352\060\274\120\067\357
\361\107\265\175\174\054\004\354\150\235\264\111\104\020\364\162
\113\034\144\347\374\346\153\220\335\151\175\151\375\000\126\245
\267\254\266\255\267\312\076\001\357\234
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "IdenTrust Public Sector Root CA 1"
```

```
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
```

```
# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
```

```
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
```

```
# Not Valid Before: Thu Jan 16 17:53:32 2014
```

```
# Not Valid After : Mon Jan 16 17:53:32 2034
```

```
# Fingerprint (SHA-256):
```

```
30:D0:89:5A:9A:44:8A:26:20:91:63:55:22:D1:F5:20:10:B5:86:7A:CA:E1:2C:78:EF:95:8F:D4:F4:38:9F:2F
```

```
# Fingerprint (SHA1): BA:29:41:60:77:98:3F:F4:F3:EF:F2:31:05:3B:2E:EA:6D:4D:45:FD
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\272\051\101\140\167\230\077\364\363\357\362\061\005\073\056\352
\155\115\105\375
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\067\006\245\260\374\211\235\272\364\153\214\032\144\315\325\272
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\115\061\013\060\011\006\003\125\004\006\023\002\125\123\061
```

```
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Entrust Root Certification Authority - G2"

#

# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number: 1246989352 (0x4a538c28)

# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Tue Jul 07 17:25:54 2009

# Not Valid After : Sat Dec 07 17:55:54 2030

# Fingerprint (SHA-256):

43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39

# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - G2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\112\123\214\050

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\076\060\202\003\046\240\003\002\001\002\002\004\112  
\123\214\050\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\201\276\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156\164  
\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006\003  
\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156\164  
\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055\164  
\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060\050  
\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164\054  
\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164\150  
\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171\061  
\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165\163  
\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055  
\040\107\062\060\036\027\015\060\071\060\067\060\067\061\067\062  
\065\065\064\132\027\015\063\060\061\062\060\067\061\067\065\065  
\065\064\132\060\201\276\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\026\060\024\006\003\125\004\012\023\015\105\156  
\164\162\165\163\164\054\040\111\156\143\056\061\050\060\046\006  
\003\125\004\013\023\037\123\145\145\040\167\167\167\056\145\156  
\164\162\165\163\164\056\156\145\164\057\154\145\147\141\154\055  
\164\145\162\155\163\061\071\060\067\006\003\125\004\013\023\060  
\050\143\051\040\062\060\060\071\040\105\156\164\162\165\163\164  
\054\040\111\156\143\056\040\055\040\146\157\162\040\141\165\164  
\150\157\162\151\172\145\144\040\165\163\145\040\157\156\154\171  
\061\062\060\060\006\003\125\004\003\023\051\105\156\164\162\165  
\163\164\040\122\157\157\164\040\103\145\162\164\151\146\151\143  
\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040

\055\040\107\062\060\202\001\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001\012  
\002\202\001\001\000\272\204\266\162\333\236\014\153\342\231\351  
\060\001\247\166\352\062\270\225\101\032\311\332\141\116\130\162  
\317\376\366\202\171\277\163\141\006\012\245\047\330\263\137\323  
\105\116\034\162\326\116\062\362\162\212\017\367\203\031\320\152  
\200\200\000\105\036\260\307\347\232\277\022\127\047\034\243\150  
\057\012\207\275\152\153\016\136\145\363\034\167\325\324\205\215  
\160\041\264\263\062\347\213\242\325\206\071\002\261\270\322\107  
\316\344\311\111\304\073\247\336\373\124\175\127\276\360\350\156  
\302\171\262\072\013\125\342\120\230\026\062\023\134\057\170\126  
\301\302\224\263\362\132\344\047\232\237\044\327\306\354\320\233  
\045\202\343\314\302\304\105\305\214\227\172\006\153\052\021\237  
\251\012\156\110\073\157\333\324\021\031\102\367\217\007\277\365  
\123\137\234\076\364\027\054\346\151\254\116\062\114\142\167\352  
\267\350\345\273\064\274\031\213\256\234\121\347\267\176\265\123  
\261\063\042\345\155\317\160\074\032\372\342\233\147\266\203\364  
\215\245\257\142\114\115\340\130\254\144\064\022\003\370\266\215  
\224\143\044\244\161\002\003\001\000\001\243\102\060\100\060\016  
\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\035\006\003\125\035\016\004\026\004\024\152\162\046\172\320\036  
\357\175\347\073\151\121\324\154\215\237\220\022\146\253\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\171\237\035\226\306\266\171\077\042\215\207\323\207\003  
\004\140\152\153\232\056\131\211\163\021\254\103\321\365\023\377  
\215\071\053\300\362\275\117\160\214\251\057\352\027\304\013\124  
\236\324\033\226\230\063\074\250\255\142\242\000\166\253\131\151  
\156\006\035\176\304\271\104\215\230\257\022\324\141\333\012\031  
\106\107\363\353\367\143\301\100\005\100\245\322\267\364\265\232  
\066\277\251\210\166\210\004\125\004\053\234\207\177\032\067\074  
\176\055\245\032\330\324\211\136\312\275\254\075\154\330\155\257  
\325\363\166\017\315\073\210\070\042\235\154\223\232\304\075\277  
\202\033\145\077\246\017\135\252\374\345\262\025\312\265\255\306  
\274\075\320\204\350\352\006\162\260\115\071\062\170\277\076\021  
\234\013\244\235\232\041\363\360\233\013\060\170\333\301\334\207  
\103\376\274\143\232\312\305\302\034\311\307\215\377\073\022\130  
\010\346\266\075\354\172\054\116\373\203\226\316\014\074\151\207  
\124\163\244\163\302\223\377\121\020\254\025\124\001\330\374\005  
\261\211\241\177\164\203\232\111\327\334\116\173\212\110\157\213  
\105\366

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Entrust Root Certification Authority - G2"

# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use

```
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number: 1246989352 (0x4a538c28)
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Jul 07 17:25:54 2009
# Not Valid After : Sat Dec 07 17:55:54 2030
# Fingerprint (SHA-256):
43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41:10:3D:3A:A7:F3:39
# Fingerprint (SHA1): 8C:F4:27:FD:79:0C:3A:D1:66:06:8D:E8:1E:57:EF:BB:93:22:72:D4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\214\364\047\375\171\014\072\321\146\006\215\350\036\127\357\273
\223\042\162\324
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\113\342\311\221\226\145\014\364\016\132\223\222\240\012\376\262
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\112\123\214\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Entrust Root Certification Authority - EC1"
#
# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
```



```
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:a6:8b:79:29:00:00:00:50:d0:91:f9
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use
only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Dec 18 15:25:36 2012
# Not Valid After : Fri Dec 18 15:55:36 2037
# Fingerprint (SHA-256):
02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5
# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - EC1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105
\103\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371
```

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\371\060\202\002\200\240\003\002\001\002\002\015\000  
\246\213\171\051\000\000\000\000\120\320\221\371\060\012\006\010  
\052\206\110\316\075\004\003\003\060\201\277\061\013\060\011\006  
\003\125\004\006\023\002\125\123\061\026\060\024\006\003\125\004  
\012\023\015\105\156\164\162\165\163\164\054\040\111\156\143\056  
\061\050\060\046\006\003\125\004\013\023\037\123\145\145\040\167  
\167\167\056\145\156\164\162\165\163\164\056\156\145\164\057\154  
\145\147\141\154\055\164\145\162\155\163\061\071\060\067\006\003  
\125\004\013\023\060\050\143\051\040\062\060\061\062\040\105\156  
\164\162\165\163\164\054\040\111\156\143\056\040\055\040\146\157  
\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163\145  
\040\157\156\154\171\061\063\060\061\006\003\125\004\003\023\052  
\105\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\105\103\061\060\036\027\015\061\062  
\061\062\061\070\061\065\062\065\063\066\132\027\015\063\067\061  
\062\061\070\061\065\065\065\063\066\132\060\201\277\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\026\060\024\006\003  
\125\004\012\023\015\105\156\164\162\165\163\164\054\040\111\156  
\143\056\061\050\060\046\006\003\125\004\013\023\037\123\145\145  
\040\167\167\167\056\145\156\164\162\165\163\164\056\156\145\164  
\057\154\145\147\141\154\055\164\145\162\155\163\061\071\060\067  
\006\003\125\004\013\023\060\050\143\051\040\062\060\061\062\040  
\105\156\164\162\165\163\164\054\040\111\156\143\056\040\055\040  
\146\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165  
\163\145\040\157\156\154\171\061\063\060\061\006\003\125\004\003  
\023\052\105\156\164\162\165\163\164\040\122\157\157\164\040\103  
\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164  
\150\157\162\151\164\171\040\055\040\105\103\061\060\166\060\020  
\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042  
\003\142\000\004\204\023\311\320\272\155\101\173\342\154\320\353  
\125\137\146\002\032\044\364\133\211\151\107\343\270\302\175\361  
\362\002\305\237\240\366\133\325\213\006\031\206\117\123\020\155  
\007\044\047\241\240\370\325\107\031\141\114\175\312\223\047\352  
\164\014\357\157\226\011\376\143\354\160\135\066\255\147\167\256  
\311\235\174\125\104\072\242\143\121\037\365\343\142\324\251\107  
\007\076\314\040\243\102\060\100\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035\016  
\004\026\004\024\267\143\347\032\335\215\351\010\246\125\203\244  
\340\152\120\101\145\021\102\111\060\012\006\010\052\206\110\316  
\075\004\003\003\003\147\000\060\144\002\060\141\171\330\345\102  
\107\337\034\256\123\231\027\266\157\034\175\341\277\021\224\321  
\003\210\165\344\215\211\244\212\167\106\336\155\141\357\002\365  
\373\265\337\314\376\116\377\376\251\346\247\002\060\133\231\327  
\205\067\006\265\173\010\375\353\047\213\112\224\371\341\372\247

\216\046\010\350\174\222\150\155\163\330\157\046\254\041\002\270

\231\267\046\101\133\045\140\256\320\110\032\356\006

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Entrust Root Certification Authority - EC1"

# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:a6:8b:79:29:00:00:00:50:d0:91:f9

# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Tue Dec 18 15:25:36 2012

# Not Valid After : Fri Dec 18 15:55:36 2037

# Fingerprint (SHA-256):

02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E:B0:70:E5:6E:DF:F5

# Fingerprint (SHA1): 20:D8:06:40:DF:9B:25:F5:12:25:3A:11:EA:F7:59:8A:EB:14:B5:47

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - EC1"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\040\330\006\100\337\233\045\365\022\045\072\021\352\367\131\212  
\353\024\265\107

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\266\176\035\360\130\305\111\154\044\073\075\355\230\030\355\274

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\277\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\062\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\063\060  
\061\006\003\125\004\003\023\052\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\105  
\103\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\015\000\246\213\171\051\000\000\000\000\120\320\221\371

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "CFCA EV ROOT"

#

# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Serial Number: 407555286 (0x184acd6)

# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Not Valid Before: Wed Aug 08 03:07:01 2012

# Not Valid After : Mon Dec 31 03:07:01 2029

# Fingerprint (SHA-256):

5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD

# Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "CFCA EV ROOT"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040  
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101  
\040\105\126\040\122\117\117\124

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040  
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101  
\040\105\126\040\122\117\117\124

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\004\030\112\314\326

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\215\060\202\003\165\240\003\002\001\002\002\004\030  
\112\314\326\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\126\061\013\060\011\006\003\125\004\006\023\002\103  
\116\061\060\060\056\006\003\125\004\012\014\047\103\150\151\156  
\141\040\106\151\156\141\156\143\151\141\154\040\103\145\162\164

\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162  
\151\164\171\061\025\060\023\006\003\125\004\003\014\014\103\106  
\103\101\040\105\126\040\122\117\117\124\060\036\027\015\061\062  
\060\070\060\070\060\063\060\067\060\061\132\027\015\062\071\061  
\062\063\061\060\063\060\067\060\061\132\060\126\061\013\060\011  
\006\003\125\004\006\023\002\103\116\061\060\060\056\006\003\125  
\004\012\014\047\103\150\151\156\141\040\106\151\156\141\156\143  
\151\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\025\060\023\006  
\003\125\004\003\014\014\103\106\103\101\040\105\126\040\122\117  
\117\124\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\327\135\153\315\020\077\037\005\131\325\005\115\067  
\261\016\354\230\053\216\025\035\372\223\113\027\202\041\161\020  
\122\327\121\144\160\026\302\125\151\115\216\025\155\237\277\014  
\033\302\340\243\147\326\014\254\317\042\256\257\167\124\052\113  
\114\212\123\122\172\303\356\056\336\263\161\045\301\351\135\075  
\356\241\057\243\367\052\074\311\043\035\152\253\035\241\247\361  
\363\354\240\325\104\317\025\317\162\057\035\143\227\350\231\371  
\375\223\244\124\200\114\122\324\122\253\056\111\337\220\315\270  
\137\276\077\336\241\312\115\040\324\045\350\204\051\123\267\261  
\210\037\377\372\332\220\237\012\251\055\101\077\261\361\030\051  
\356\026\131\054\064\111\032\250\006\327\250\210\322\003\162\172  
\062\342\352\150\115\156\054\226\145\173\312\131\372\362\342\335  
\356\060\054\373\314\106\254\304\143\353\157\177\066\053\064\163  
\022\224\177\337\314\046\236\361\162\135\120\145\131\217\151\263  
\207\136\062\157\303\030\212\265\225\217\260\172\067\336\132\105  
\073\307\066\341\357\147\321\071\323\227\133\163\142\031\110\055  
\207\034\006\373\164\230\040\111\163\360\005\322\033\261\240\243  
\267\033\160\323\210\151\271\132\326\070\364\142\334\045\213\170  
\277\370\350\176\270\134\311\225\117\137\247\055\271\040\153\317  
\153\335\365\015\364\202\267\364\262\146\056\020\050\366\227\132  
\173\226\026\217\001\031\055\154\156\177\071\130\006\144\203\001  
\203\203\303\115\222\335\062\306\207\244\067\351\026\316\252\055  
\150\257\012\201\145\072\160\301\233\255\115\155\124\312\052\055  
\113\205\033\263\200\346\160\105\015\153\136\065\360\177\073\270  
\234\344\004\160\211\022\045\223\332\012\231\042\140\152\143\140  
\116\166\006\230\116\275\203\255\035\130\212\045\205\322\307\145  
\036\055\216\306\337\266\306\341\177\212\004\041\025\051\164\360  
\076\234\220\235\014\056\361\212\076\132\252\014\011\036\307\325  
\074\243\355\227\303\036\064\372\070\371\010\016\343\300\135\053  
\203\321\126\152\311\266\250\124\123\056\170\062\147\075\202\177  
\164\320\373\341\266\005\140\271\160\333\216\013\371\023\130\157  
\161\140\020\122\020\271\301\101\011\357\162\037\147\061\170\377  
\226\005\215\002\003\001\000\001\243\143\060\141\060\037\006\003  
\125\035\043\004\030\060\026\200\024\343\376\055\375\050\320\013  
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\016

\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060\035  
\006\003\125\035\016\004\026\004\024\343\376\055\375\050\320\013  
\265\272\266\242\304\277\006\252\005\214\223\373\057\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001  
\000\045\306\272\153\353\207\313\336\202\071\226\075\360\104\247  
\153\204\163\003\336\235\053\117\272\040\177\274\170\262\317\227  
\260\033\234\363\327\171\056\365\110\266\322\373\027\210\346\323  
\172\077\355\123\023\320\342\057\152\171\313\000\043\050\346\036  
\067\127\065\211\204\302\166\117\064\066\255\147\303\316\101\006  
\210\305\367\356\330\032\270\326\013\177\120\377\223\252\027\113  
\214\354\355\122\140\262\244\006\352\116\353\364\153\031\375\353  
\365\032\340\045\052\232\334\307\101\066\367\310\164\005\204\071  
\225\071\326\013\073\244\047\372\010\330\134\036\370\004\140\122  
\021\050\050\003\377\357\123\146\000\245\112\064\026\146\174\375  
\011\244\256\236\147\032\157\101\013\153\006\023\233\217\206\161  
\005\264\057\215\211\146\063\051\166\124\232\021\370\047\372\262  
\077\221\340\316\015\033\363\060\032\255\277\042\135\033\323\277  
\045\005\115\341\222\032\177\231\237\074\104\223\312\324\100\111  
\154\200\207\327\004\072\303\062\122\065\016\126\370\245\335\175  
\304\213\015\021\037\123\313\036\262\027\266\150\167\132\340\324  
\313\310\007\256\365\072\056\216\067\267\320\001\113\103\051\167  
\214\071\227\217\202\132\370\121\345\211\240\030\347\150\177\135  
\012\056\373\243\107\016\075\246\043\172\306\001\307\217\310\136  
\277\155\200\126\276\212\044\272\063\352\237\341\062\021\236\361  
\322\117\200\366\033\100\257\070\236\021\120\171\163\022\022\315  
\346\154\235\054\210\162\074\060\201\006\221\042\352\131\255\332  
\031\056\042\302\215\271\214\207\340\146\274\163\043\137\041\144  
\143\200\110\365\240\074\030\075\224\310\110\101\035\100\272\136  
\376\376\126\071\241\310\317\136\236\031\144\106\020\332\027\221  
\267\005\200\254\213\231\222\175\347\242\330\007\013\066\047\347  
\110\171\140\212\303\327\023\134\370\162\100\337\112\313\317\231  
\000\012\000\013\021\225\332\126\105\003\210\012\237\147\320\325  
\171\261\250\215\100\155\015\302\172\100\372\363\137\144\107\222  
\313\123\271\273\131\316\117\375\320\025\123\001\330\337\353\331  
\346\166\357\320\043\273\073\251\171\263\325\002\051\315\211\243  
\226\017\112\065\347\116\102\300\165\315\007\317\346\054\353\173  
\056

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "CFCA EV ROOT"

# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Serial Number: 407555286 (0x184accd6)

# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN

# Not Valid Before: Wed Aug 08 03:07:01 2012

# Not Valid After : Mon Dec 31 03:07:01 2029

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# Fingerprint (SHA-256):
5C:C3:D7:8E:4E:1D:5E:45:54:7A:04:E6:87:3E:64:F9:0C:F9:53:6D:1C:CC:2E:F8:00:F3:55:C4:C5:FD:70:FD
# Fingerprint (SHA1): E2:B8:29:4B:55:84:AB:6B:58:C2:90:46:6C:AC:3F:B8:39:8F:84:83
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CFCA EV ROOT"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\342\270\051\113\125\204\253\153\130\302\220\106\154\254\077\270
\071\217\204\203
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\164\341\266\355\046\172\172\104\060\063\224\253\173\047\201\060
END
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\060\060\056\006\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\103\106\103\101
\040\105\126\040\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\030\112\314\326
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GB CA"
#
# Issuer: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number: 76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0
# Subject: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Mon Dec 01 15:00:32 2014
# Not Valid After : Thu Dec 01 15:10:31 2039
# Fingerprint (SHA-256):
6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6
# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GB CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

```

CKA\_SUBJECT MULTILINE\_OCTAL

\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061  
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145  
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124  
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144  
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037  
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154  
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366  
\302\300

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\265\060\202\002\235\240\003\002\001\002\002\020\166  
\261\040\122\164\360\205\207\106\263\370\043\032\366\302\300\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\155  
\061\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060  
\016\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061  
\042\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040  
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162  
\163\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111  
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142  
\141\154\040\122\157\157\164\040\107\102\040\103\101\060\036\027  
\015\061\064\061\062\060\061\061\065\061\060\063\062\132\027\015  
\063\071\061\062\060\061\061\065\061\060\063\061\132\060\155\061  
\013\060\011\006\003\125\004\006\023\002\103\110\061\020\060\016  
\006\003\125\004\012\023\007\127\111\123\145\113\145\171\061\042  
\060\040\006\003\125\004\013\023\031\117\111\123\124\105\040\106  
\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162\163  
\145\144\061\050\060\046\006\003\125\004\003\023\037\117\111\123  
\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142\141  
\154\040\122\157\157\164\040\107\102\040\103\101\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\330\027\267  
\034\112\044\052\326\227\261\312\342\036\373\175\070\357\230\365  
\262\071\230\116\047\270\021\135\173\322\045\224\210\202\025\046  
\152\033\061\273\250\133\041\041\053\330\017\116\237\132\361\261



\132\344\171\326\062\043\053\341\123\314\231\105\134\173\117\255  
\274\277\207\112\013\113\227\132\250\366\110\354\175\173\015\315  
\041\006\337\236\025\375\101\212\110\267\040\364\241\172\033\127  
\324\135\120\377\272\147\330\043\231\037\310\077\343\336\377\157  
\133\167\261\153\156\270\311\144\367\341\312\101\106\016\051\161  
\320\271\043\374\311\201\137\116\367\157\337\277\204\255\163\144  
\273\267\102\216\151\366\324\166\035\176\235\247\270\127\212\121  
\147\162\327\324\250\270\225\124\100\163\003\366\352\364\353\376  
\050\102\167\077\235\043\033\262\266\075\200\024\007\114\056\117  
\367\325\012\026\015\275\146\103\067\176\043\103\171\303\100\206  
\365\114\051\332\216\232\255\015\245\004\207\210\036\205\343\351  
\123\325\233\310\213\003\143\170\353\340\031\112\156\273\057\153  
\063\144\130\223\255\151\277\217\033\357\202\110\307\002\003\001  
\000\001\243\121\060\117\060\013\006\003\125\035\017\004\004\003  
\002\001\206\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\035\006\003\125\035\016\004\026\004\024\065  
\017\310\066\143\136\342\243\354\371\073\146\025\316\121\122\343  
\221\232\075\060\020\006\011\053\006\001\004\001\202\067\025\001  
\004\003\002\001\000\060\015\006\011\052\206\110\206\367\015\001  
\001\013\005\000\003\202\001\001\000\100\114\373\207\262\231\201  
\220\176\235\305\260\260\046\315\210\173\053\062\215\156\270\041  
\161\130\227\175\256\067\024\257\076\347\367\232\342\175\366\161  
\230\231\004\252\103\164\170\243\343\111\141\076\163\214\115\224  
\340\371\161\304\266\026\016\123\170\037\326\242\207\057\002\071  
\201\051\074\257\025\230\041\060\376\050\220\000\214\321\341\313  
\372\136\310\375\370\020\106\073\242\170\102\221\027\164\125\012  
\336\120\147\115\146\321\247\377\375\331\300\265\250\243\212\316  
\146\365\017\103\315\247\053\127\173\143\106\152\252\056\122\330  
\364\355\341\155\255\051\220\170\110\272\341\043\252\243\211\354  
\265\253\226\300\264\113\242\035\227\236\172\362\156\100\161\337  
\150\361\145\115\316\174\005\337\123\145\251\245\360\261\227\004  
\160\025\106\003\230\324\322\277\124\264\240\130\175\122\157\332  
\126\046\142\324\330\333\211\061\157\034\360\042\302\323\142\034  
\065\315\114\151\025\124\032\220\230\336\353\036\137\312\167\307  
\313\216\075\103\151\234\232\130\320\044\073\337\033\100\226\176  
\065\255\201\307\116\161\272\210\023

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "OISTE WISEKey Global Root GB CA"

# Issuer: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Serial Number: 76:b1:20:52:74:f0:85:87:46:b3:f8:23:1a:f6:c2:c0

# Subject: CN=OISTE WISEKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Not Valid Before: Mon Dec 01 15:00:32 2014

# Not Valid After : Thu Dec 01 15:10:31 2039

# Fingerprint (SHA-256):

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6B:9C:08:E8:6E:B0:F7:67:CF:AD:65:CD:98:B6:21:49:E5:49:4A:67:F5:84:5E:7B:D1:ED:01:9F:27:B8:6B:D6
# Fingerprint (SHA1): 0F:F9:40:76:18:D3:D7:6A:4B:98:F0:A8:35:9E:0C:FD:27:AC:CC:ED
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GB CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\371\100\166\030\323\327\152\113\230\360\250\065\236\014\375
\047\254\314\355
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\244\353\271\141\050\056\267\057\230\260\065\046\220\231\121\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\102\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\261\040\122\164\360\205\207\106\263\370\043\032\366
\302\300
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "SZAFIR ROOT CA2"
#
# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4
# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# Not Valid Before: Mon Oct 19 07:43:30 2015
# Not Valid After : Fri Oct 19 07:43:30 2035
# Fingerprint (SHA-256):
A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE
# Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SZAFIR ROOT CA2"

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CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167  
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156  
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125  
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040  
\103\101\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061  
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167  
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156  
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125  
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040  
\103\101\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001  
\353\055\334\344\326\344

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\162\060\202\002\132\240\003\002\001\002\002\024\076  
\212\135\007\354\125\322\062\325\267\343\266\137\001\353\055\334  
\344\326\344\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\121\061\013\060\011\006\003\125\004\006\023\002\120  
\114\061\050\060\046\006\003\125\004\012\014\037\113\162\141\152  
\157\167\141\040\111\172\142\141\040\122\157\172\154\151\143\172  
\145\156\151\157\167\141\040\123\056\101\056\061\030\060\026\006  
\003\125\004\003\014\017\123\132\101\106\111\122\040\122\117\117  
\124\040\103\101\062\060\036\027\015\061\065\061\060\061\071\060  
\067\064\063\063\060\132\027\015\063\065\061\060\061\071\060\067  
\064\063\063\060\132\060\121\061\013\060\011\006\003\125\004\006  
\023\002\120\114\061\050\060\046\006\003\125\004\012\014\037\113  
\162\141\152\157\167\141\040\111\172\142\141\040\122\157\172\154  
\151\143\172\145\156\151\157\167\141\040\123\056\101\056\061\030  
\060\026\006\003\125\004\003\014\017\123\132\101\106\111\122\040  
\122\117\117\124\040\103\101\062\060\202\001\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000  
\060\202\001\012\002\202\001\001\000\267\274\076\120\250\113\315  
\100\265\316\141\347\226\312\264\241\332\014\042\260\372\265\173  
\166\000\167\214\013\317\175\250\206\314\046\121\344\040\075\205  
\014\326\130\343\347\364\052\030\235\332\321\256\046\356\353\123  
\334\364\220\326\023\112\014\220\074\303\364\332\322\216\015\222  
\072\334\261\261\377\070\336\303\272\055\137\200\271\002\275\112  
\235\033\017\264\303\302\301\147\003\335\334\033\234\075\263\260  
\336\000\036\250\064\107\273\232\353\376\013\024\275\066\204\332

\015\040\277\372\133\313\251\026\040\255\071\140\356\057\165\266  
\347\227\234\371\076\375\176\115\157\115\057\357\210\015\152\372  
\335\361\075\156\040\245\240\022\264\115\160\271\316\327\162\073  
\211\223\247\200\204\034\047\111\162\111\265\377\073\225\236\301  
\314\310\001\354\350\016\212\012\226\347\263\246\207\345\326\371  
\005\053\015\227\100\160\074\272\254\165\132\234\325\115\235\002  
\012\322\113\233\146\113\106\007\027\145\255\237\154\210\000\334  
\042\211\340\341\144\324\147\274\061\171\141\074\273\312\101\315  
\134\152\000\310\074\070\216\130\257\002\003\001\000\001\243\102  
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\056\026  
\251\112\030\265\313\314\365\157\120\363\043\137\370\135\347\254  
\360\310\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\003\202\001\001\000\265\163\370\003\334\131\133\035\166\351  
\243\052\173\220\050\262\115\300\063\117\252\232\261\324\270\344  
\047\377\251\226\231\316\106\340\155\174\114\242\070\244\006\160  
\360\364\101\021\354\077\107\215\077\162\207\371\073\375\244\157  
\053\123\000\340\377\071\271\152\007\016\353\035\034\366\242\162  
\220\313\202\075\021\202\213\322\273\237\052\257\041\346\143\206  
\235\171\031\357\367\273\014\065\220\303\212\355\117\017\365\314  
\022\331\244\076\273\240\374\040\225\137\117\046\057\021\043\203  
\116\165\007\017\277\233\321\264\035\351\020\004\376\312\140\217  
\242\114\270\255\317\341\220\017\315\256\012\307\135\173\267\120  
\322\324\141\372\325\025\333\327\237\207\121\124\353\245\343\353  
\311\205\240\045\040\067\373\216\316\014\064\204\341\074\201\262  
\167\116\103\245\210\137\206\147\241\075\346\264\134\141\266\076  
\333\376\267\050\305\242\007\256\265\312\312\215\052\022\357\227  
\355\302\060\244\311\052\172\373\363\115\043\033\231\063\064\240  
\056\365\251\013\077\324\135\341\317\204\237\342\031\302\137\212  
\326\040\036\343\163\267

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SZAFIR ROOT CA2"

# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

# Serial Number:3e:8a:5d:07:ec:55:d2:32:d5:b7:e3:b6:5f:01:eb:2d:dc:e4:d6:e4

# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL

# Not Valid Before: Mon Oct 19 07:43:30 2015

# Not Valid After : Fri Oct 19 07:43:30 2035

# Fingerprint (SHA-256):

A1:33:9D:33:28:1A:0B:56:E5:57:D3:D3:2B:1C:E7:F9:36:7E:B0:94:BD:5F:A7:2A:7E:50:04:C8:DE:D7:CA:FE

# Fingerprint (SHA1): E2:52:FA:95:3F:ED:DB:24:60:BD:6E:28:F3:9C:CC:CF:5E:B3:3F:DE

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

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CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SZAFIR ROOT CA2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\342\122\372\225\077\355\333\044\140\275\156\050\363\234\314\317
\136\263\077\336
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\076\212\135\007\354\125\322\062\325\267\343\266\137\001
\353\055\334\344\326\344
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Certum Trusted Network CA 2"
#
# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9
# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies
S.A.,C=PL
# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
# Fingerprint (SHA-256):
B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04
# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145

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\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060  
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\040\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114  
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\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060  
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\040\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\041\326\320\112\117\045\017\311\062\067\374\252\136\022  
\215\351

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\322\060\202\003\272\240\003\002\001\002\002\020\041  
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\015\006\011\052\206\110\206\367\015\001\001\015\005\000\060\201  
\200\061\013\060\011\006\003\125\004\006\023\002\120\114\061\042  
\060\040\006\003\125\004\012\023\031\125\156\151\172\145\164\157  
\040\124\145\143\150\156\157\154\157\147\151\145\163\040\123\056  
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162  
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\061\044\060\042\006  
\003\125\004\003\023\033\103\145\162\164\165\155\040\124\162\165  
\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101\040  
\062\060\042\030\017\062\060\061\061\061\060\060\066\060\070\063  
\071\065\066\132\030\017\062\060\064\066\061\060\060\066\060\070  
\063\071\065\066\132\060\201\200\061\013\060\011\006\003\125\004  
\006\023\002\120\114\061\042\060\040\006\003\125\004\012\023\031  
\125\156\151\172\145\164\157\040\124\145\143\150\156\157\154\157  
\147\151\145\163\040\123\056\101\056\061\047\060\045\006\003\125  
\004\013\023\036\103\145\162\164\165\155\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\061\044\060\042\006\003\125\004\003\023\033\103\145\162  
\164\165\155\040\124\162\165\163\164\145\144\040\116\145\164\167  
\157\162\153\040\103\101\040\062\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000

\060\202\002\012\002\202\002\001\000\275\371\170\370\346\325\200  
\014\144\235\206\033\226\144\147\077\042\072\036\165\001\175\357  
\373\134\147\214\311\314\134\153\251\221\346\271\102\345\040\113  
\233\332\233\173\271\231\135\331\233\200\113\327\204\100\053\047  
\323\350\272\060\273\076\011\032\247\111\225\357\053\100\044\302  
\227\307\247\356\233\045\357\250\012\000\227\205\132\252\235\334  
\051\311\342\065\007\353\160\115\112\326\301\263\126\270\241\101  
\070\233\321\373\061\177\217\340\137\341\261\077\017\216\026\111  
\140\327\006\215\030\371\252\046\020\253\052\323\320\321\147\215  
\033\106\276\107\060\325\056\162\321\305\143\332\347\143\171\104  
\176\113\143\044\211\206\056\064\077\051\114\122\213\052\247\300  
\342\221\050\211\271\300\133\371\035\331\347\047\255\377\232\002  
\227\301\306\120\222\233\002\054\275\251\271\064\131\012\277\204  
\112\377\337\376\263\237\353\331\236\340\230\043\354\246\153\167  
\026\052\333\314\255\073\034\244\207\334\106\163\136\031\142\150  
\105\127\344\220\202\102\273\102\326\360\141\340\301\243\075\146  
\243\135\364\030\356\210\311\215\027\105\051\231\062\165\002\061  
\356\051\046\310\153\002\346\265\142\105\177\067\025\132\043\150  
\211\324\076\336\116\047\260\360\100\014\274\115\027\313\115\242  
\263\036\320\006\132\335\366\223\317\127\165\231\365\372\206\032  
\147\170\263\277\226\376\064\334\275\347\122\126\345\263\345\165  
\173\327\101\221\005\334\135\151\343\225\015\103\271\374\203\226  
\071\225\173\154\200\132\117\023\162\306\327\175\051\172\104\272  
\122\244\052\325\101\106\011\040\376\042\240\266\133\060\215\274  
\211\014\325\327\160\370\207\122\375\332\357\254\121\056\007\263  
\116\376\320\011\332\160\357\230\372\126\346\155\333\265\127\113  
\334\345\054\045\025\310\236\056\170\116\370\332\234\236\206\054  
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\336\107\354\231\110\361\244\241\025\376\255\214\142\216\071\125  
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\001\001\377\060\035\006\003\125\035\016\004\026\004\024\266\241  
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\001\006\060\015\006\011\052\206\110\206\367\015\001\001\015\005  
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\027\374\145\204\307\020\111\220\336\333\307\046\223\210\046\157  
\160\326\002\136\071\240\367\217\253\226\265\245\023\134\201\024  
\155\016\201\202\021\033\212\116\306\117\245\335\142\036\104\337  
\011\131\364\133\167\013\067\351\213\040\306\370\012\116\056\130  
\034\353\063\320\317\206\140\311\332\373\200\057\236\114\140\204  
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\134\336\064\207\076\101\260\016\366\271\326\077\011\023\226\024  
\057\336\232\035\132\271\126\316\065\072\260\137\160\115\136\343

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\132\074\306\035\144\330\265\061\344\246\074\172\250\127\013\333  
\355\141\032\313\361\316\163\167\143\244\207\157\114\121\070\326  
\344\137\307\237\266\201\052\344\205\110\171\130\136\073\370\333  
\002\202\147\301\071\333\303\164\113\075\066\036\371\051\223\210  
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\067\262\312\260\033\046\172\232\045\037\232\232\200\236\113\052  
\077\373\243\232\376\163\062\161\302\236\306\162\341\212\150\047  
\361\344\017\264\304\114\245\141\223\370\227\020\007\052\060\045  
\251\271\310\161\270\357\150\314\055\176\365\340\176\017\202\250  
\157\266\272\154\203\103\167\315\212\222\027\241\236\133\170\026  
\075\105\342\063\162\335\341\146\312\231\323\311\305\046\375\015  
\150\004\106\256\266\331\233\214\276\031\276\261\306\362\031\343  
\134\002\312\054\330\157\112\007\331\311\065\332\100\165\362\304  
\247\031\157\236\102\020\230\165\346\225\213\140\274\355\305\022  
\327\212\316\325\230\134\126\226\003\305\356\167\006\065\377\317  
\344\356\077\023\141\356\333\332\055\205\360\315\256\235\262\030  
\011\105\303\222\241\162\027\374\107\266\240\013\054\361\304\336  
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\016\265\271\276\044\217

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Certum Trusted Network CA 2"

# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Serial Number:21:d6:d0:4a:4f:25:0f:c9:32:37:fc:aa:5e:12:8d:e9

# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies  
S.A.,C=PL

# Not Valid Before: Thu Oct 06 08:39:56 2011

# Not Valid After : Sat Oct 06 08:39:56 2046

# Fingerprint (SHA-256):

B6:76:F2:ED:DA:E8:77:5C:D3:6C:B0:F6:3C:D1:D4:60:39:61:F4:9E:62:65:BA:01:3A:2F:03:07:B6:D0:B8:04

# Fingerprint (SHA1): D3:DD:48:3E:2B:BF:4C:05:E8:AF:10:F5:FA:76:26:CF:D3:DC:30:92

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certum Trusted Network CA 2"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\323\335\110\076\053\277\114\005\350\257\020\365\372\166\046\317

\323\334\060\222

END



CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\155\106\236\331\045\155\010\043\133\136\164\175\036\047\333\362  
END

CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114  
\061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145  
\164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040  
\123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103  
\145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060  
\042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124  
\162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103  
\101\040\062  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\020\041\326\320\112\117\045\017\311\062\067\374\252\136\022  
\215\351  
END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#  
# Certificate "Hellenic Academic and Research Institutions RootCA 2015"  
#  
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR  
# Serial Number: 0 (0x0)  
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR  
# Not Valid Before: Tue Jul 07 10:11:21 2015  
# Not Valid After : Sat Jun 30 10:11:21 2040  
# Fingerprint (SHA-256):  
A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36  
# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"  
CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509  
CKA\_SUBJECT MULTILINE\_OCTAL  
\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151

\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003  
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157  
\157\164\103\101\040\062\060\061\065

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003  
\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157  
\157\164\103\101\040\062\060\061\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\013\060\202\003\363\240\003\002\001\002\002\001\000  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122\061  
\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156\163  
\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154\145  
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144  
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164  
\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164  
\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023  
\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155  
\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040  
\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157\157  
\164\103\101\040\062\060\061\065\060\036\027\015\061\065\060\067  
\060\067\061\060\061\061\062\061\132\027\015\064\060\060\066\063  
\060\061\060\061\061\062\061\132\060\201\246\061\013\060\011\006  
\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125\004  
\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003\125  
\004\012\023\073\110\145\154\154\145\156\151\143\040\101\143\141  
\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141\162  
\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163\040  
\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171\061  
\100\060\076\006\003\125\004\003\023\067\110\145\154\154\145\156  
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040

\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165  
\164\151\157\156\163\040\122\157\157\164\103\101\040\062\060\061  
\065\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\302\370\251\077\033\211\374\074\074\004\135\075\220\066  
\260\221\072\171\074\146\132\357\155\071\001\111\032\264\267\317  
\177\115\043\123\267\220\000\343\023\052\050\246\061\361\221\000  
\343\050\354\256\041\101\316\037\332\375\175\022\133\001\203\017  
\271\260\137\231\341\362\022\203\200\115\006\076\337\254\257\347  
\241\210\153\061\257\360\213\320\030\063\270\333\105\152\064\364  
\002\200\044\050\012\002\025\225\136\166\052\015\231\072\024\133  
\366\313\313\123\274\023\115\001\210\067\224\045\033\102\274\042  
\330\216\243\226\136\072\331\062\333\076\350\360\020\145\355\164  
\341\057\247\174\257\047\064\273\051\175\233\266\317\011\310\345  
\323\012\374\210\145\145\164\012\334\163\034\134\315\100\261\034  
\324\266\204\214\114\120\317\150\216\250\131\256\302\047\116\202  
\242\065\335\024\364\037\377\262\167\325\207\057\252\156\175\044  
\047\347\306\313\046\346\345\376\147\007\143\330\105\015\335\072  
\131\145\071\130\172\222\231\162\075\234\204\136\210\041\270\325  
\364\054\374\331\160\122\117\170\270\275\074\053\213\225\230\365  
\263\321\150\317\040\024\176\114\134\137\347\213\345\365\065\201  
\031\067\327\021\010\267\146\276\323\112\316\203\127\000\072\303  
\201\370\027\313\222\066\135\321\243\330\165\033\341\213\047\352  
\172\110\101\375\105\031\006\255\047\231\116\301\160\107\335\265  
\237\201\123\022\345\261\214\110\135\061\103\027\343\214\306\172  
\143\226\113\051\060\116\204\116\142\031\136\074\316\227\220\245  
\177\001\353\235\340\370\213\211\335\045\230\075\222\266\176\357  
\331\361\121\121\175\055\046\310\151\131\141\340\254\152\270\052  
\066\021\004\172\120\275\062\204\276\057\334\162\325\327\035\026  
\107\344\107\146\040\077\364\226\305\257\216\001\172\245\017\172  
\144\365\015\030\207\331\256\210\325\372\204\301\072\300\151\050  
\055\362\015\150\121\252\343\245\167\306\244\220\016\241\067\213  
\061\043\107\301\011\010\353\156\367\170\233\327\202\374\204\040  
\231\111\031\266\022\106\261\373\105\125\026\251\243\145\254\234  
\007\017\352\153\334\037\056\006\162\354\206\210\022\344\055\333  
\137\005\057\344\360\003\323\046\063\347\200\302\315\102\241\027  
\064\013\002\003\001\000\001\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\161\025\147\310\310\311\275\165\135  
\162\320\070\030\152\235\363\161\044\124\013\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\165  
\273\155\124\113\252\020\130\106\064\362\142\327\026\066\135\010  
\136\325\154\310\207\275\264\056\106\362\061\370\174\352\102\265  
\223\026\125\334\241\014\022\240\332\141\176\017\130\130\163\144  
\162\307\350\105\216\334\251\362\046\077\306\171\214\261\123\010  
\063\201\260\126\023\276\346\121\134\330\233\012\117\113\234\126  
\123\002\351\117\366\015\140\352\115\102\125\350\174\033\041\041

\323\033\072\314\167\362\270\220\361\150\307\371\132\376\372\055  
\364\277\311\365\105\033\316\070\020\052\067\212\171\243\264\343  
\011\154\205\206\223\377\211\226\047\170\201\217\147\343\106\164  
\124\216\331\015\151\342\112\364\115\164\003\377\262\167\355\225  
\147\227\344\261\305\253\277\152\043\350\324\224\342\104\050\142  
\304\113\342\360\330\342\051\153\032\160\176\044\141\223\173\117  
\003\062\045\015\105\044\053\226\264\106\152\277\112\013\367\232  
\217\301\254\032\305\147\363\157\064\322\372\163\143\214\357\026  
\260\250\244\106\052\370\353\022\354\162\264\357\370\053\176\214  
\122\300\213\204\124\371\057\076\343\125\250\334\146\261\331\341  
\137\330\263\214\131\064\131\244\253\117\154\273\037\030\333\165  
\253\330\313\222\315\224\070\141\016\007\006\037\113\106\020\361  
\025\276\215\205\134\073\112\053\201\171\017\264\151\237\111\120  
\227\115\367\016\126\135\300\225\152\302\066\303\033\150\311\365  
\052\334\107\232\276\262\316\305\045\350\372\003\271\332\371\026  
\156\221\204\365\034\050\310\374\046\314\327\034\220\126\247\137  
\157\072\004\274\315\170\211\013\216\017\057\243\252\117\242\033  
\022\075\026\010\100\017\361\106\114\327\252\173\010\301\012\365  
\155\047\336\002\217\312\303\265\053\312\351\353\310\041\123\070  
\245\314\073\330\167\067\060\242\117\331\157\321\362\100\255\101  
\172\027\305\326\112\065\211\267\101\325\174\206\177\125\115\203  
\112\245\163\040\300\072\257\220\361\232\044\216\331\216\161\312  
\173\270\206\332\262\217\231\076\035\023\015\022\021\356\324\253  
\360\351\025\166\002\344\340\337\252\040\036\133\141\205\144\100  
\251\220\227\015\255\123\322\132\035\207\152\000\227\145\142\264  
\276\157\152\247\365\054\102\355\062\255\266\041\236\276\274

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Hellenic Academic and Research Institutions RootCA 2015"

# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

# Not Valid Before: Tue Jul 07 10:11:21 2015

# Not Valid After : Sat Jun 30 10:11:21 2040

# Fingerprint (SHA-256):

A0:40:92:9A:02:CE:53:B4:AC:F4:F2:FF:C6:98:1C:E4:49:6F:75:5E:6D:45:FE:0B:2A:69:2B:CD:52:52:3F:36

# Fingerprint (SHA1): 01:0C:06:95:A6:98:19:14:FF:BF:5F:C6:B0:B6:95:EA:29:E9:12:A6

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\001\014\006\225\246\230\031\024\377\277\137\306\260\266\225\352

\051\351\022\246

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\312\377\342\333\003\331\313\113\351\017\255\204\375\173\030\316

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\246\061\013\060\011\006\003\125\004\006\023\002\107\122

\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156

\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154

\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156

\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151

\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165

\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003

\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145

\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150

\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157

\157\164\103\101\040\062\060\061\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Hellenic Academic and Research Institutions ECC RootCA 2015"

#

# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR

# Not Valid Before: Tue Jul 07 10:37:12 2015

# Not Valid After : Sat Jun 30 10:37:12 2040

# Fingerprint (SHA-256):

44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33

# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122

\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\303\060\202\002\112\240\003\002\001\002\002\001\000  
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\013\060\011\006\003\125\004\006\023\002\107\122\061\017\060\015  
\006\003\125\004\007\023\006\101\164\150\145\156\163\061\104\060  
\102\006\003\125\004\012\023\073\110\145\154\154\145\156\151\143  
\040\101\143\141\144\145\155\151\143\040\141\156\144\040\122\145  
\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151  
\157\156\163\040\103\145\162\164\056\040\101\165\164\150\157\162  
\151\164\171\061\104\060\102\006\003\125\004\003\023\073\110\145  
\154\154\145\156\151\143\040\101\143\141\144\145\155\151\143\040  
\141\156\144\040\122\145\163\145\141\162\143\150\040\111\156\163  
\164\151\164\165\164\151\157\156\163\040\105\103\103\040\122\157  
\157\164\103\101\040\062\060\061\065\060\036\027\015\061\065\060  
\067\060\067\061\060\063\067\061\062\132\027\015\064\060\060\066  
\063\060\061\060\063\067\061\062\132\060\201\252\061\013\060\011  
\006\003\125\004\006\023\002\107\122\061\017\060\015\006\003\125  
\004\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003  
\125\004\012\023\073\110\145\154\154\145\156\151\143\040\101\143  
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141

\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163  
\040\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171  
\061\104\060\102\006\003\125\004\003\023\073\110\145\154\154\145  
\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144  
\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164  
\165\164\151\157\156\163\040\105\103\103\040\122\157\157\164\103  
\101\040\062\060\061\065\060\166\060\020\006\007\052\206\110\316  
\075\002\001\006\005\053\201\004\000\042\003\142\000\004\222\240  
\101\350\113\202\204\134\342\370\061\021\231\206\144\116\011\045  
\057\235\101\057\012\256\065\117\164\225\262\121\144\153\215\153  
\346\077\160\225\360\005\104\107\246\162\070\120\166\225\002\132  
\216\256\050\236\371\055\116\231\357\054\110\157\114\045\051\350  
\321\161\133\337\035\301\165\067\264\327\372\173\172\102\234\152  
\012\126\132\174\151\013\252\200\011\044\154\176\301\106\243\102  
\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\035\006\003\125\035\016\004\026\004\024\264\042  
\013\202\231\044\001\016\234\273\344\016\375\277\373\227\040\223  
\231\052\060\012\006\010\052\206\110\316\075\004\003\002\003\147  
\000\060\144\002\060\147\316\026\142\070\242\254\142\105\247\251  
\225\044\300\032\047\234\062\073\300\300\325\272\251\347\370\004  
\103\123\205\356\122\041\336\235\365\045\203\076\236\130\113\057  
\327\147\023\016\041\002\060\005\341\165\001\336\150\355\052\037  
\115\114\011\010\015\354\113\255\144\027\050\347\165\316\105\145  
\162\041\027\313\042\101\016\214\023\230\070\232\124\155\233\312  
\342\174\352\002\130\042\221

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Hellenic Academic and Research Institutions ECC RootCA 2015"

# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research  
Institutions Cert. Authority,L=Athens,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and  
Research Institutions Cert. Authority,L=Athens,C=GR

# Not Valid Before: Tue Jul 07 10:37:12 2015

# Not Valid After : Sat Jun 30 10:37:12 2040

# Fingerprint (SHA-256):

44:B5:45:AA:8A:25:E6:5A:73:CA:15:DC:27:FC:36:D2:4C:1C:B9:95:3A:06:65:39:B1:15:82:DC:48:7B:48:33

# Fingerprint (SHA1): 9F:F1:71:8D:92:D5:9A:F3:7D:74:97:B4:BC:6F:84:68:0B:BA:B6:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"

CKA\_CERT\_SHA1\_HASH MULTILINE OCTAL

\237\361\161\215\222\325\232\363\175\164\227\264\274\157\204\150  
\013\272\266\146

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\201\345\264\027\353\302\365\341\113\015\101\173\111\222\376\357  
END

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\252\061\013\060\011\006\003\125\004\006\023\002\107\122  
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156  
\163\061\104\060\102\006\003\125\004\012\023\073\110\145\154\154  
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156  
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151  
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165  
\164\150\157\162\151\164\171\061\104\060\102\006\003\125\004\003  
\023\073\110\145\154\154\145\156\151\143\040\101\143\141\144\145  
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150  
\040\111\156\163\164\151\164\165\164\151\157\156\163\040\105\103  
\103\040\122\157\157\164\103\101\040\062\060\061\065

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\000

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "ISRG Root X1"

#

# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US

# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00

# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US

# Not Valid Before: Thu Jun 04 11:04:38 2015

# Not Valid After : Mon Jun 04 11:04:38 2035

# Fingerprint (SHA-256):

96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6

# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "ISRG Root X1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156  
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145



```
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\153\060\202\003\123\240\003\002\001\002\002\021\000
\202\020\317\260\322\100\343\131\104\143\340\273\143\202\213\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061\051
\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156\145
\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145\141
\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003\125
\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130\061
\060\036\027\015\061\065\060\066\060\064\061\061\060\064\063\070
\132\027\015\063\065\060\066\060\064\061\061\060\064\063\070\132
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002
\001\000\255\350\044\163\364\024\067\363\233\236\053\127\050\034
\207\276\334\267\337\070\220\214\156\074\346\127\240\170\367\165
\302\242\376\365\152\156\366\000\117\050\333\336\150\206\154\104
\223\266\261\143\375\024\022\153\277\037\322\352\061\233\041\176
\321\063\074\272\110\365\335\171\337\263\270\377\022\361\041\232
\113\301\212\206\161\151\112\146\146\154\217\176\074\160\277\255
\051\042\006\363\344\300\346\200\256\342\113\217\267\231\176\224
\003\237\323\107\227\174\231\110\043\123\350\070\256\117\012\157
\203\056\321\111\127\214\200\164\266\332\057\320\070\215\173\003
\160\041\033\165\362\060\074\372\217\256\335\332\143\253\353\026
\117\302\216\021\113\176\317\013\350\377\265\167\056\364\262\173
\112\340\114\022\045\014\160\215\003\051\240\341\123\044\354\023
\331\356\031\277\020\263\112\214\077\211\243\141\121\336\254\207
```

\007\224\364\143\161\354\056\342\157\133\230\201\341\211\134\064  
\171\154\166\357\073\220\142\171\346\333\244\232\057\046\305\320  
\020\341\016\336\331\020\216\026\373\267\367\250\367\307\345\002  
\007\230\217\066\010\225\347\342\067\226\015\066\165\236\373\016  
\162\261\035\233\274\003\371\111\005\330\201\335\005\264\052\326  
\101\351\254\001\166\225\012\017\330\337\325\275\022\037\065\057  
\050\027\154\322\230\301\250\011\144\167\156\107\067\272\316\254  
\131\136\150\235\177\162\326\211\305\006\101\051\076\131\076\335  
\046\365\044\311\021\247\132\243\114\100\037\106\241\231\265\247  
\072\121\156\206\073\236\175\162\247\022\005\170\131\355\076\121  
\170\025\013\003\217\215\320\057\005\262\076\173\112\034\113\163  
\005\022\374\306\352\340\120\023\174\103\223\164\263\312\164\347  
\216\037\001\010\320\060\324\133\161\066\264\007\272\301\060\060  
\134\110\267\202\073\230\246\175\140\212\242\243\051\202\314\272  
\275\203\004\033\242\203\003\101\241\326\005\361\033\302\266\360  
\250\174\206\073\106\250\110\052\210\334\166\232\166\277\037\152  
\245\075\031\217\353\070\363\144\336\310\053\015\012\050\377\367  
\333\342\025\102\324\042\320\047\135\341\171\376\030\347\160\210  
\255\116\346\331\213\072\306\335\047\121\156\377\274\144\365\063  
\103\117\002\003\001\000\001\243\102\060\100\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003  
\125\035\016\004\026\004\024\171\264\131\346\173\266\345\344\001  
\163\200\010\210\310\032\130\366\351\233\156\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\125  
\037\130\251\274\262\250\120\320\014\261\330\032\151\040\047\051  
\010\254\141\165\134\212\156\370\202\345\151\057\325\366\126\113  
\271\270\163\020\131\323\041\227\176\347\114\161\373\262\322\140  
\255\071\250\013\352\027\041\126\205\361\120\016\131\353\316\340  
\131\351\272\311\025\357\206\235\217\204\200\366\344\351\221\220  
\334\027\233\142\033\105\360\146\225\322\174\157\302\352\073\357  
\037\317\313\326\256\047\361\251\260\310\256\375\175\176\232\372  
\042\004\353\377\331\177\352\221\053\042\261\027\016\217\362\212  
\064\133\130\330\374\001\311\124\271\270\046\314\212\210\063\211  
\114\055\204\074\202\337\356\226\127\005\272\054\273\367\304\267  
\307\116\073\202\276\061\310\042\163\163\222\321\302\200\244\071  
\071\020\063\043\202\114\074\237\206\262\125\230\035\276\051\206  
\214\042\233\236\342\153\073\127\072\202\160\115\334\011\307\211  
\313\012\007\115\154\350\135\216\311\357\316\253\307\273\265\053  
\116\105\326\112\320\046\314\345\162\312\010\152\245\225\343\025  
\241\367\244\355\311\054\137\245\373\377\254\050\002\056\276\327  
\173\273\343\161\173\220\026\323\007\136\106\123\174\067\007\102  
\214\323\304\226\234\325\231\265\052\340\225\032\200\110\256\114  
\071\007\316\314\107\244\122\225\053\272\270\373\255\322\063\123  
\175\345\035\115\155\325\241\261\307\102\157\346\100\047\065\134  
\243\050\267\007\215\347\215\063\220\347\043\237\373\120\234\171  
\154\106\325\264\025\263\226\156\176\233\014\226\072\270\122\055  
\077\326\133\341\373\010\302\204\376\044\250\243\211\332\254\152

```
\341\030\052\261\250\103\141\133\323\037\334\073\215\166\362\055
\350\215\165\337\027\063\154\075\123\373\173\313\101\137\377\334
\242\320\141\070\341\226\270\254\135\213\067\327\165\325\063\300
\231\021\256\235\101\301\162\165\204\276\002\101\102\137\147\044
\110\224\321\233\047\276\007\077\271\270\117\201\164\121\341\172
\267\355\235\043\342\276\340\325\050\004\023\074\061\003\236\335
\172\154\217\306\007\030\306\177\336\107\216\077\050\236\004\006
\317\245\124\064\167\275\354\211\233\351\027\103\337\133\333\137
\376\216\036\127\242\315\100\235\176\142\042\332\336\030\047
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "ISRG Root X1"
```

```
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
```

```
# Serial Number:00:82:10:cf:b0:d2:40:e3:59:44:63:e0:bb:63:82:8b:00
```

```
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
```

```
# Not Valid Before: Thu Jun 04 11:04:38 2015
```

```
# Not Valid After : Mon Jun 04 11:04:38 2035
```

```
# Fingerprint (SHA-256):
```

```
96:BC:EC:06:26:49:76:F3:74:60:77:9A:CF:28:C5:A7:CF:E8:A3:C0:AA:E1:1A:8F:FC:EE:05:C0:BD:DF:08:C6
```

```
# Fingerprint (SHA1): CA:BD:2A:79:A1:07:6A:31:F2:1D:25:36:35:CB:03:9D:43:29:A5:E8
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "ISRG Root X1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\312\275\052\171\241\007\152\061\362\035\045\066\065\313\003\235
\103\051\245\350
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\014\322\371\340\332\027\163\351\355\206\115\245\343\160\347\116
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\021\000\202\020\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "AC RAIZ FNMT-RCM"

#

# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07

# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Not Valid Before: Wed Oct 29 15:59:56 2008

# Not Valid After : Tue Jan 01 00:00:00 2030

# Fingerprint (SHA-256):

EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA

# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "AC RAIZ FNMT-RCM"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122

\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040

\122\101\111\132\040\106\116\115\124\055\122\103\115

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061

\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122

\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040

\122\101\111\132\040\106\116\115\124\055\122\103\115

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151

\007

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\203\060\202\003\153\240\003\002\001\002\002\017\135

\223\215\060\147\066\310\006\035\032\307\124\204\151\007\060\015

\006\011\052\206\110\206\367\015\001\001\013\005\000\060\073\061

\013\060\011\006\003\125\004\006\023\002\105\123\061\021\060\017

\006\003\125\004\012\014\010\106\116\115\124\055\122\103\115\061

\031\060\027\006\003\125\004\013\014\020\101\103\040\122\101\111

\132\040\106\116\115\124\055\122\103\115\060\036\027\015\060\070

\061\060\062\071\061\065\065\071\065\066\132\027\015\063\060\060

\061\060\061\060\060\060\060\060\132\060\073\061\013\060\011

\006\003\125\004\006\023\002\105\123\061\021\060\017\006\003\125  
\004\012\014\010\106\116\115\124\055\122\103\115\061\031\060\027  
\006\003\125\004\013\014\020\101\103\040\122\101\111\132\040\106  
\116\115\124\055\122\103\115\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\272\161\200\172\114\206\156\177  
\310\023\155\300\306\175\034\000\227\217\054\014\043\273\020\232  
\100\251\032\267\207\210\370\233\126\152\373\346\173\216\213\222  
\216\247\045\135\131\021\333\066\056\267\121\027\037\251\010\037  
\004\027\044\130\252\067\112\030\337\345\071\324\127\375\327\301  
\054\221\001\221\342\042\324\003\300\130\374\167\107\354\217\076  
\164\103\272\254\064\215\115\070\166\147\216\260\310\157\060\063  
\130\161\134\264\365\153\156\324\001\120\270\023\176\154\112\243  
\111\321\040\031\356\274\300\051\030\145\247\336\376\357\335\012  
\220\041\347\032\147\222\102\020\230\137\117\060\274\076\034\105  
\264\020\327\150\100\024\300\100\372\347\167\027\172\346\013\217  
\145\133\074\331\232\122\333\265\275\236\106\317\075\353\221\005  
\002\300\226\262\166\114\115\020\226\073\222\372\234\177\017\231  
\337\276\043\065\105\036\002\134\376\265\250\233\231\045\332\136  
\363\042\303\071\365\344\052\056\323\306\037\304\154\252\305\034  
\152\001\005\112\057\322\305\301\250\064\046\135\146\245\322\002  
\041\371\030\267\006\365\116\231\157\250\253\114\121\350\317\120  
\030\305\167\310\071\011\054\111\222\062\231\250\273\027\027\171  
\260\132\305\346\243\304\131\145\107\065\203\136\251\350\065\013  
\231\273\344\315\040\306\233\112\006\071\265\150\374\042\272\356  
\125\214\053\116\352\363\261\343\374\266\231\232\325\102\372\161  
\115\010\317\207\036\152\161\175\371\323\264\351\245\161\201\173  
\302\116\107\226\245\366\166\205\243\050\217\351\200\156\201\123  
\245\155\137\270\110\371\302\371\066\246\056\111\377\270\226\302  
\214\007\263\233\210\130\374\353\033\034\336\055\160\342\227\222  
\060\241\211\343\274\125\250\047\326\113\355\220\255\213\372\143  
\045\131\055\250\065\335\312\227\063\274\345\315\307\235\321\354  
\357\136\016\112\220\006\046\143\255\271\331\065\055\007\272\166  
\145\054\254\127\217\175\364\007\224\327\201\002\226\135\243\007  
\111\325\172\320\127\371\033\347\123\106\165\252\260\171\102\313  
\150\161\010\351\140\275\071\151\316\364\257\303\126\100\307\255  
\122\242\011\344\157\206\107\212\037\353\050\047\135\203\040\257  
\004\311\154\126\232\213\106\365\002\003\001\000\001\243\201\203  
\060\201\200\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004  
\003\002\001\006\060\035\006\003\125\035\016\004\026\004\024\367  
\175\305\375\304\350\232\033\167\144\247\365\035\240\314\277\207  
\140\232\155\060\076\006\003\125\035\040\004\067\060\065\060\063  
\006\004\125\035\040\000\060\053\060\051\006\010\053\006\001\005  
\005\007\002\001\026\035\150\164\164\160\072\057\057\167\167\167  
\056\143\145\162\164\056\146\156\155\164\056\145\163\057\144\160  
\143\163\057\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\002\001\000\007\220\112\337\363\043\116\360\303

\234\121\145\233\234\042\242\212\014\205\363\163\051\153\115\376  
\001\342\251\014\143\001\277\004\147\245\235\230\137\375\001\023  
\372\354\232\142\351\206\376\266\142\322\156\114\224\373\300\165  
\105\174\145\014\370\262\067\317\254\017\317\215\157\371\031\367  
\217\354\036\362\160\236\360\312\270\357\267\377\166\067\166\133  
\366\156\210\363\257\142\062\042\223\015\072\152\216\024\146\014  
\055\123\164\127\145\036\325\262\335\043\201\073\245\146\043\047  
\147\011\217\341\167\252\103\315\145\121\010\355\121\130\376\346  
\071\371\313\107\204\244\025\361\166\273\244\356\244\073\304\137  
\357\262\063\226\021\030\267\311\145\276\030\341\243\244\334\372  
\030\371\323\274\023\233\071\172\064\272\323\101\373\372\062\212  
\052\267\053\206\013\151\203\070\276\315\212\056\013\160\255\215  
\046\222\356\036\365\001\053\012\331\326\227\233\156\340\250\031  
\034\072\041\213\014\036\100\255\003\347\335\146\176\365\271\040  
\015\003\350\226\371\202\105\324\071\340\240\000\135\327\230\346  
\175\236\147\163\303\232\052\367\253\213\241\072\024\357\064\274  
\122\016\211\230\232\004\100\204\035\176\105\151\223\127\316\353  
\316\370\120\174\117\034\156\004\103\233\371\326\073\043\030\351  
\352\216\321\115\106\215\361\073\344\152\312\272\373\043\267\233  
\372\231\001\051\132\130\132\055\343\371\324\155\016\046\255\301  
\156\064\274\062\370\014\005\372\145\243\333\073\067\203\042\351  
\326\334\162\063\375\135\362\040\275\166\074\043\332\050\367\371  
\033\353\131\144\325\334\137\162\176\040\374\315\211\265\220\147  
\115\142\172\077\116\255\035\303\071\376\172\364\050\026\337\101  
\366\110\200\005\327\017\121\171\254\020\253\324\354\003\146\346  
\152\260\272\061\222\102\100\152\276\072\323\162\341\152\067\125  
\274\254\035\225\267\151\141\362\103\221\164\346\240\323\012\044  
\106\241\010\257\326\332\105\031\226\324\123\035\133\204\171\360  
\300\367\107\357\213\217\305\006\256\235\114\142\235\377\106\004  
\370\323\311\266\020\045\100\165\376\026\252\311\112\140\206\057  
\272\357\060\167\344\124\342\270\204\231\130\200\252\023\213\121  
\072\117\110\366\213\266\263

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "AC RAIZ FNMT-RCM"

# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Serial Number:5d:93:8d:30:67:36:c8:06:1d:1a:c7:54:84:69:07

# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES

# Not Valid Before: Wed Oct 29 15:59:56 2008

# Not Valid After : Tue Jan 01 00:00:00 2030

# Fingerprint (SHA-256):

EB:C5:57:0C:29:01:8C:4D:67:B1:AA:12:7B:AF:12:F7:03:B4:61:1E:BC:17:B7:DA:B5:57:38:94:17:9B:93:FA

# Fingerprint (SHA1): EC:50:35:07:B2:15:C4:95:62:19:E2:A8:9A:5B:42:99:2C:4C:2C:20

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\354\120\065\007\262\025\304\225\142\031\342\250\232\133\102\231
\054\114\054\040
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\342\011\004\264\323\275\321\240\024\375\032\322\107\304\127\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\021\060\017\006\003\125\004\012\014\010\106\116\115\124\055\122
\103\115\061\031\060\027\006\003\125\004\013\014\020\101\103\040
\122\101\111\132\040\106\116\115\124\055\122\103\115
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\017\135\223\215\060\147\066\310\006\035\032\307\124\204\151
\007
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 1"
#
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sun Jan 17 00:00:00 2038
# Fingerprint (SHA-256):
8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E
# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END

```

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156  
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157  
\156\040\122\157\157\164\040\103\101\040\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103  
\346\226\066\133\312

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\101\060\202\002\051\240\003\002\001\002\002\023\006  
\154\237\317\231\277\214\012\071\342\360\170\212\103\346\226\066  
\133\312\060\015\006\011\052\206\110\206\367\015\001\001\013\005  
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157  
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172  
\157\156\040\122\157\157\164\040\103\101\040\061\060\036\027\015  
\061\065\060\065\062\066\060\060\060\060\060\132\027\015\063  
\070\060\061\061\067\060\060\060\060\060\132\060\071\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006  
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027  
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157  
\157\164\040\103\101\040\061\060\202\001\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\001\017\000\060  
\202\001\012\002\202\001\001\000\262\170\200\161\312\170\325\343  
\161\257\107\200\120\164\175\156\330\327\210\166\364\231\150\367  
\130\041\140\371\164\204\001\057\254\002\055\206\323\240\103\172  
\116\262\244\320\066\272\001\276\215\333\110\310\007\027\066\114  
\364\356\210\043\307\076\353\067\365\265\031\370\111\150\260\336  
\327\271\166\070\035\141\236\244\376\202\066\245\345\112\126\344  
\105\341\371\375\264\026\372\164\332\234\233\065\071\057\372\260  
\040\120\006\154\172\320\200\262\246\371\257\354\107\031\217\120  
\070\007\334\242\207\071\130\370\272\325\251\371\110\147\060\226  
\356\224\170\136\157\211\243\121\300\060\206\146\241\105\146\272  
\124\353\243\303\221\371\110\334\377\321\350\060\055\175\055\164  
\160\065\327\210\044\367\236\304\131\156\273\163\207\027\362\062  
\106\050\270\103\372\267\035\252\312\264\362\237\044\016\055\113  
\367\161\134\136\151\377\352\225\002\313\070\212\256\120\070\157  
\333\373\055\142\033\305\307\036\124\341\167\340\147\310\017\234  
\207\043\326\077\100\040\177\040\200\304\200\114\076\073\044\046  
\216\004\256\154\232\310\252\015\002\003\001\000\001\243\102\060  
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\035\006\003\125\035\016\004\026\004\024\204\030\314  
\205\064\354\274\014\224\224\056\010\131\234\307\262\020\116\012  
\010\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000



```
\003\202\001\001\000\230\362\067\132\101\220\241\032\305\166\121
\050\040\066\043\016\256\346\050\273\252\370\224\256\110\244\060
\177\033\374\044\215\113\264\310\241\227\366\266\361\172\160\310
\123\223\314\010\050\343\230\045\317\043\244\371\336\041\323\174
\205\011\255\116\232\165\072\302\013\152\211\170\166\104\107\030
\145\154\215\101\216\073\177\232\313\364\265\247\120\327\005\054
\067\350\003\113\255\351\141\240\002\156\365\362\360\305\262\355
\133\267\334\372\224\134\167\236\023\245\177\122\255\225\362\370
\223\073\336\213\134\133\312\132\122\133\140\257\024\367\113\357
\243\373\237\100\225\155\061\124\374\102\323\307\106\037\043\255
\331\017\110\160\232\331\165\170\161\321\162\103\064\165\156\127
\131\302\002\134\046\140\051\317\043\031\026\216\210\103\245\324
\344\313\010\373\043\021\103\350\103\051\162\142\241\251\135\136
\010\324\220\256\270\330\316\024\302\320\125\362\206\366\304\223
\103\167\146\141\300\271\350\101\327\227\170\140\003\156\112\162
\256\245\321\175\272\020\236\206\154\033\212\271\131\063\370\353
\304\220\276\361\271
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Amazon Root CA 1"
```

```
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
```

```
# Serial Number:06:6c:9f:cf:99:bf:8c:0a:39:e2:f0:78:8a:43:e6:96:36:5b:ca
```

```
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
```

```
# Not Valid Before: Tue May 26 00:00:00 2015
```

```
# Not Valid After : Sun Jan 17 00:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E
```

```
# Fingerprint (SHA1): 8D:A7:F9:65:EC:5E:FC:37:91:0F:1C:6E:59:FD:C1:CC:6A:6E:DE:16
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Amazon Root CA 1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\215\247\371\145\354\136\374\067\221\017\034\156\131\375\301\314
\152\156\336\026
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\103\306\277\256\354\376\255\057\030\306\210\150\060\374\310\346
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 2"
#
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37
# Subject: CN=Amazon Root CA 2,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4
# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\101\060\202\003\051\240\003\002\001\002\002\023\006
\154\237\322\226\065\206\237\012\017\345\206\170\370\133\046\273
\212\067\060\015\006\011\052\206\110\206\367\015\001\001\014\005

```

\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157  
\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172  
\157\156\040\122\157\157\164\040\103\101\040\062\060\036\027\015  
\061\065\060\065\062\066\060\060\060\060\060\132\027\015\064  
\060\060\065\062\066\060\060\060\060\060\132\060\071\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\017\060\015\006  
\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027  
\006\003\125\004\003\023\020\101\155\141\172\157\156\040\122\157  
\157\164\040\103\101\040\062\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\255\226\237\055\234\112\114\112  
\201\171\121\231\354\212\313\153\140\121\023\274\115\155\006\374  
\260\010\215\335\031\020\152\307\046\014\065\330\300\157\040\204  
\351\224\261\233\205\003\303\133\333\112\350\310\370\220\166\331  
\133\117\343\114\350\006\066\115\314\232\254\075\014\220\053\222  
\324\006\031\140\254\067\104\171\205\201\202\255\132\067\340\015  
\314\235\246\114\122\166\352\103\235\267\004\321\120\366\125\340  
\325\322\246\111\205\351\067\351\312\176\256\134\225\115\110\232  
\077\256\040\132\155\210\225\331\064\270\122\032\103\220\260\277  
\154\005\271\266\170\267\352\320\344\072\074\022\123\142\377\112  
\362\173\276\065\005\251\022\064\343\363\144\164\142\054\075\000  
\111\132\050\376\062\104\273\207\335\145\047\002\161\073\332\112  
\367\037\332\315\367\041\125\220\117\017\354\256\202\341\237\153  
\331\105\323\273\360\137\207\355\074\054\071\206\332\077\336\354  
\162\125\353\171\243\255\333\335\174\260\272\034\316\374\336\117  
\065\166\317\017\370\170\037\152\066\121\106\047\141\133\351\236  
\317\360\242\125\175\174\045\212\157\057\264\305\317\204\056\053  
\375\015\121\020\154\373\137\033\274\033\176\305\256\073\230\001  
\061\222\377\013\127\364\232\262\271\127\351\253\357\015\166\321  
\360\356\364\316\206\247\340\156\351\264\151\241\337\151\366\063  
\306\151\056\227\023\236\245\207\260\127\020\201\067\311\123\263  
\273\177\366\222\321\234\320\030\364\222\156\332\203\117\246\143  
\231\114\245\373\136\357\041\144\172\040\137\154\144\205\025\313  
\067\351\142\014\013\052\026\334\001\056\062\332\076\113\365\236  
\072\366\027\100\224\357\236\221\010\206\372\276\143\250\132\063  
\354\313\164\103\225\371\154\151\122\066\307\051\157\374\125\003  
\134\037\373\237\275\107\353\347\111\107\225\013\116\211\042\011  
\111\340\365\141\036\361\277\056\212\162\156\200\131\377\127\072  
\371\165\062\243\116\137\354\355\050\142\331\115\163\362\314\201  
\027\140\355\315\353\334\333\247\312\305\176\002\275\362\124\010  
\124\375\264\055\011\054\027\124\112\230\321\124\341\121\147\010  
\322\355\156\176\157\077\322\055\201\131\051\146\313\220\071\225  
\021\036\164\047\376\335\353\257\002\003\001\000\001\243\102\060  
\100\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001  
\001\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\035\006\003\125\035\016\004\026\004\024\260\014\360  
\114\060\364\005\130\002\110\375\063\345\122\257\113\204\343\146

\122\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000  
\003\202\002\001\000\252\250\200\217\016\170\243\340\242\324\315  
\346\365\230\172\073\352\000\003\260\227\016\223\274\132\250\366  
\054\214\162\207\251\261\374\177\163\375\143\161\170\245\207\131  
\317\060\341\015\020\262\023\132\155\202\365\152\346\200\237\240  
\005\013\150\344\107\153\307\152\337\266\375\167\062\162\345\030  
\372\011\364\240\223\054\135\322\214\165\205\166\145\220\014\003  
\171\267\061\043\143\255\170\203\011\206\150\204\312\377\371\317  
\046\232\222\171\347\315\113\305\347\141\247\027\313\363\251\022  
\223\223\153\247\350\057\123\222\304\140\130\260\314\002\121\030  
\133\205\215\142\131\143\266\255\264\336\232\373\046\367\000\047  
\300\135\125\067\164\231\311\120\177\343\131\056\104\343\054\045  
\356\354\114\062\167\264\237\032\351\113\135\040\305\332\375\034  
\207\026\306\103\350\324\273\046\232\105\160\136\251\013\067\123  
\342\106\173\047\375\340\106\362\211\267\314\102\266\313\050\046  
\156\331\245\311\072\310\101\023\140\367\120\214\025\256\262\155  
\032\025\032\127\170\346\222\052\331\145\220\202\077\154\002\257  
\256\022\072\047\226\066\004\327\035\242\200\143\251\233\361\345  
\272\264\174\024\260\116\311\261\037\164\137\070\366\121\352\233  
\372\054\242\021\324\251\055\047\032\105\261\257\262\116\161\015  
\300\130\106\326\151\006\313\123\313\263\376\153\101\315\101\176  
\175\114\017\174\162\171\172\131\315\136\112\016\254\233\251\230  
\163\171\174\264\364\314\271\270\007\014\262\164\134\270\307\157  
\210\241\220\247\364\252\371\277\147\072\364\032\025\142\036\267  
\237\276\075\261\051\257\147\241\022\362\130\020\031\123\003\060  
\033\270\032\211\366\234\275\227\003\216\243\011\363\035\213\041  
\361\264\337\344\034\321\237\145\002\006\352\134\326\023\263\204  
\357\242\245\134\214\167\051\247\150\300\153\256\100\322\250\264  
\352\315\360\215\113\070\234\031\232\033\050\124\270\211\220\357  
\312\165\201\076\036\362\144\044\307\030\257\116\377\107\236\007  
\366\065\145\244\323\012\126\377\365\027\144\154\357\250\042\045  
\111\223\266\337\000\027\332\130\176\135\356\305\033\260\321\321  
\137\041\020\307\371\363\272\002\012\047\007\305\361\326\307\323  
\340\373\011\140\154

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Amazon Root CA 2"

# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US

# Serial Number:06:6c:9f:d2:96:35:86:9f:0a:0f:e5:86:78:f8:5b:26:bb:8a:37

# Subject: CN=Amazon Root CA 2,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sat May 26 00:00:00 2040

# Fingerprint (SHA-256):

1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4

# Fingerprint (SHA1): 5A:8C:EF:45:D7:A6:98:59:76:7A:8C:8B:44:96:B5:78:CF:47:4B:1A

```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\132\214\357\105\327\246\230\131\166\172\214\213\104\226\265\170
\317\107\113\032
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\345\215\316\250\102\342\172\300\052\134\174\236\046\277\146
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 3"
#
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157

```

```
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\266\060\202\001\133\240\003\002\001\002\002\023\006
\154\237\325\164\227\066\146\077\073\013\232\331\350\236\166\003
\362\112\060\012\006\010\052\206\110\316\075\004\003\002\060\071
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040
\122\157\157\164\040\103\101\040\063\060\036\027\015\061\065\060
\065\062\066\060\060\060\060\060\132\027\015\064\060\060\065
\062\066\060\060\060\060\060\132\060\071\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040
\103\101\040\063\060\131\060\023\006\007\052\206\110\316\075\002
\001\006\010\052\206\110\316\075\003\001\007\003\102\000\004\051
\227\247\306\101\177\300\015\233\350\001\033\126\306\362\122\245
\272\055\262\022\350\322\056\327\372\311\305\330\252\155\037\163
\201\073\073\230\153\071\174\063\245\305\116\206\216\200\027\150
\142\105\127\175\104\130\035\263\067\345\147\010\353\146\336\243
\102\060\100\060\017\006\003\125\035\023\001\001\377\004\005\060
\003\001\001\377\060\016\006\003\125\035\017\001\001\377\004\004
\003\002\001\206\060\035\006\003\125\035\016\004\026\004\024\253
\266\333\327\006\236\067\254\060\206\007\221\160\307\234\304\031
\261\170\300\060\012\006\010\052\206\110\316\075\004\003\002\003
\111\000\060\106\002\041\000\340\205\222\243\027\267\215\371\053
\006\245\223\254\032\230\150\141\162\372\341\241\320\373\034\170
\140\246\103\231\305\270\304\002\041\000\234\002\357\361\224\234
\263\226\371\353\306\052\370\266\054\376\072\220\024\026\327\214
\143\044\110\034\337\060\175\325\150\073
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Amazon Root CA 3"
```

```
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Serial Number:06:6c:9f:d5:74:97:36:66:3f:3b:0b:9a:d9:e8:9e:76:03:f2:4a
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
# Fingerprint (SHA1): 0D:44:DD:8C:3C:8C:1A:1A:58:75:64:81:E9:0F:2E:2A:FF:B3:D2:6E
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\015\104\335\214\074\214\032\032\130\165\144\201\351\017\056\052
\377\263\322\156
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\240\324\357\013\367\265\330\111\225\052\354\365\304\374\201\207
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```
#
# Certificate "Amazon Root CA 4"
#
# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92
# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173
\054\310\032\301\016
END
CKA_VALUE MULTILINE_OCTAL
\060\202\001\362\060\202\001\170\240\003\002\001\002\002\023\006
\154\237\327\301\273\020\114\051\103\345\161\173\173\054\310\032
\301\016\060\012\006\010\052\206\110\316\075\004\003\003\060\071
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\017\060
\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031
\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\040
\122\157\157\164\040\103\101\040\064\060\036\027\015\061\065\060
\065\062\066\060\060\060\060\060\132\027\015\064\060\060\065
\062\066\060\060\060\060\060\060\132\060\071\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\017\060\015\006\003\125\004
\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125
\004\003\023\020\101\155\141\172\157\156\040\122\157\157\164\040
\103\101\040\064\060\166\060\020\006\007\052\206\110\316\075\002
\001\006\005\053\201\004\000\042\003\142\000\004\322\253\212\067
\117\243\123\015\376\301\212\173\113\250\173\106\113\143\260\142
\366\055\033\333\010\161\041\322\000\350\143\275\232\047\373\360
\071\156\135\352\075\245\311\201\252\243\133\040\230\105\135\026
\333\375\350\020\155\343\234\340\343\275\137\204\142\363\160\144
\063\240\313\044\057\160\272\210\241\052\240\165\370\201\256\142
\006\304\201\333\071\156\051\260\036\372\056\134\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001
\377\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001
\206\060\035\006\003\125\035\016\004\026\004\024\323\354\307\072
\145\156\314\341\332\166\232\126\373\234\363\206\155\127\345\201
\060\012\006\010\052\206\110\316\075\004\003\003\003\150\000\060
\145\002\060\072\213\041\361\275\176\021\255\320\357\130\226\057
```



```
\326\353\235\176\220\215\053\317\146\125\303\054\343\050\251\160
\012\107\016\360\067\131\022\377\055\231\224\050\116\052\117\065
\115\063\132\002\061\000\352\165\000\116\073\304\072\224\022\221
\311\130\106\235\041\023\162\247\210\234\212\344\114\112\333\226
\324\254\213\153\153\111\022\123\063\255\327\344\276\044\374\265
\012\166\324\245\274\020
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "Amazon Root CA 4"

# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US

# Serial Number:06:6c:9f:d7:c1:bb:10:4c:29:43:e5:71:7b:7b:2c:c8:1a:c1:0e

# Subject: CN=Amazon Root CA 4,O=Amazon,C=US

# Not Valid Before: Tue May 26 00:00:00 2015

# Not Valid After : Sat May 26 00:00:00 2040

# Fingerprint (SHA-256):

E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92

# Fingerprint (SHA1): F6:10:84:07:D6:F8:BB:67:98:0C:C2:E2:44:C2:EB:AE:1C:EF:63:BE

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Amazon Root CA 4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\366\020\204\007\326\370\273\147\230\014\302\342\104\302\353\256
\034\357\143\276
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\211\274\047\325\353\027\215\006\152\151\325\375\211\107\264\315
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173
\054\310\032\301\016
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

#

```

# Certificate "LuxTrust Global Root 2"
#
# Issuer: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Serial Number:0a:7e:a6:df:4b:44:9e:da:6a:24:85:9e:e6:b8:15:d3:16:7f:bb:b1
# Subject: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU
# Not Valid Before: Thu Mar 05 13:21:57 2015
# Not Valid After : Mon Mar 05 13:21:57 2035
# Fingerprint (SHA-256):
54:45:5F:71:29:C2:0B:14:47:C4:18:F9:97:16:8F:24:C5:8F:C5:02:3B:F5:DA:5B:E2:EB:6E:1D:D8:90:2E:D5
# Fingerprint (SHA1): 1E:0E:56:19:0A:D1:8B:25:98:B2:04:44:FF:66:8A:04:17:99:5F:3F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "LuxTrust Global Root 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\040\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\012\176\246\337\113\104\236\332\152\044\205\236\346\270
\025\323\026\177\273\261
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\303\060\202\003\253\240\003\002\001\002\002\024\012
\176\246\337\113\104\236\332\152\044\205\236\346\270\025\323\026
\177\273\261\060\015\006\011\052\206\110\206\367\015\001\001\013
\005\000\060\106\061\013\060\011\006\003\125\004\006\023\002\114
\125\061\026\060\024\006\003\125\004\012\014\015\114\165\170\124
\162\165\163\164\040\123\056\101\056\061\037\060\035\006\003\125
\004\003\014\026\114\165\170\124\162\165\163\164\040\107\154\157
\142\141\154\040\122\157\157\164\040\062\060\036\027\015\061\065
\060\063\060\065\061\063\062\061\065\067\132\027\015\063\065\060
\063\060\065\061\063\062\061\065\067\132\060\106\061\013\060\011
\006\003\125\004\006\023\002\114\125\061\026\060\024\006\003\125
\004\012\014\015\114\165\170\124\162\165\163\164\040\123\056\101

```

\056\061\037\060\035\006\003\125\004\003\014\026\114\165\170\124  
\162\165\163\164\040\107\154\157\142\141\154\040\122\157\157\164  
\040\062\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\327\205\227\277\021\230\351\360\142\203\114\074\207  
\371\123\152\067\013\362\017\074\207\316\157\334\046\051\275\305  
\211\272\311\203\075\367\356\312\133\306\155\111\163\264\311\106  
\243\033\064\023\077\301\211\105\127\364\331\261\373\066\145\113  
\373\010\342\110\161\021\310\156\073\236\235\337\211\145\067\246  
\205\366\073\104\030\266\306\067\060\142\104\222\227\151\175\102  
\060\044\344\015\014\211\153\143\336\305\341\337\116\251\024\154  
\123\340\141\316\366\027\057\035\074\275\346\042\114\035\223\365  
\020\304\241\166\354\152\336\305\154\337\226\264\126\100\102\300  
\142\222\060\241\055\025\224\240\322\040\006\011\156\152\155\345  
\353\267\276\324\360\361\025\174\213\346\116\272\023\314\113\047  
\136\231\074\027\135\217\201\177\063\075\117\323\077\033\354\134  
\077\360\074\114\165\156\362\246\325\235\332\055\007\143\002\306  
\162\351\224\274\114\111\225\117\210\122\310\333\350\151\202\370  
\314\064\133\042\360\206\247\211\275\110\012\155\146\201\155\310  
\310\144\373\001\341\364\341\336\331\236\335\333\133\324\052\231  
\046\025\033\036\114\222\051\202\236\325\222\201\222\101\160\031  
\367\244\345\223\113\274\167\147\061\335\034\375\061\160\015\027  
\231\014\371\014\071\031\052\027\265\060\161\125\325\017\256\130  
\341\075\057\064\233\317\237\366\170\205\302\223\172\162\076\146  
\217\234\026\021\140\217\236\211\157\147\276\340\107\132\073\014  
\232\147\213\317\106\306\256\070\243\362\247\274\346\326\205\153  
\063\044\160\042\113\313\010\233\273\310\370\002\051\035\276\040  
\014\106\277\153\207\233\263\052\146\102\065\106\154\252\272\255  
\371\230\173\351\120\125\024\061\277\261\332\055\355\200\255\150  
\044\373\151\253\330\161\023\060\346\147\263\207\100\375\211\176  
\362\103\321\021\337\057\145\057\144\316\137\024\271\261\277\061  
\275\207\170\132\131\145\210\252\374\131\062\110\206\326\114\271  
\051\113\225\323\166\363\167\045\155\102\034\070\203\115\375\243  
\137\233\177\055\254\171\033\016\102\061\227\143\244\373\212\151  
\325\042\015\064\220\060\056\250\264\340\155\266\224\254\274\213  
\116\327\160\374\305\070\216\144\045\341\115\071\220\316\311\207  
\204\130\161\002\003\001\000\001\243\201\250\060\201\245\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\102\006\003\125\035\040\004\073\060\071\060\067\006\007\053\201  
\053\001\001\001\012\060\054\060\052\006\010\053\006\001\005\005  
\007\002\001\026\036\150\164\164\160\163\072\057\057\162\145\160  
\157\163\151\164\157\162\171\056\154\165\170\164\162\165\163\164  
\056\154\165\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\037\006\003\125\035\043\004\030\060\026\200\024  
\377\030\050\166\371\110\005\054\241\256\361\053\033\053\262\123  
\370\113\174\263\060\035\006\003\125\035\016\004\026\004\024\377  
\030\050\166\371\110\005\054\241\256\361\053\033\053\262\123\370  
\113\174\263\060\015\006\011\052\206\110\206\367\015\001\001\013

\005\000\003\202\002\001\000\152\031\024\355\156\171\301\054\207  
\324\015\160\176\327\366\170\311\013\004\116\304\261\316\223\160  
\376\260\124\300\062\315\231\060\144\027\277\017\345\342\063\375  
\007\066\100\162\016\032\266\152\131\326\000\345\150\040\335\056  
\162\015\037\152\144\061\040\204\175\111\246\132\067\353\105\311  
\205\365\324\307\027\231\007\346\233\125\344\014\350\251\264\316  
\214\133\265\021\134\317\212\016\015\326\254\167\201\376\062\234  
\044\236\162\316\124\363\320\157\242\126\326\354\303\067\054\145  
\130\276\127\000\032\362\065\372\353\173\061\135\302\301\022\075  
\226\201\210\226\211\301\131\134\172\346\177\160\064\347\203\342  
\261\341\341\270\130\357\324\225\344\140\234\360\226\227\162\214  
\353\204\002\056\145\217\244\267\322\177\147\335\310\323\236\134  
\252\251\244\240\045\024\006\233\354\117\176\055\013\177\035\165  
\361\063\330\355\316\270\165\155\076\133\271\230\035\061\015\126  
\330\103\017\060\221\262\004\153\335\126\276\225\200\125\147\276  
\330\315\203\331\030\356\056\017\206\055\222\236\160\023\354\336  
\121\311\103\170\002\245\115\310\371\137\304\221\130\106\026\167  
\132\164\252\100\274\007\237\060\271\261\367\022\027\335\343\377  
\044\100\035\172\152\321\117\030\012\252\220\035\353\100\036\337  
\241\036\104\222\020\232\362\215\341\321\113\106\236\350\105\102  
\227\352\105\231\363\354\146\325\002\372\362\246\112\044\252\336  
\316\271\312\371\077\223\157\371\243\272\352\245\076\231\255\375  
\377\173\231\365\145\356\360\131\050\147\327\220\225\244\023\204  
\251\204\301\350\316\316\165\223\143\032\274\074\352\325\144\037  
\055\052\022\071\306\303\132\062\355\107\221\026\016\274\070\301  
\120\336\217\312\052\220\064\034\356\101\224\234\136\031\056\370  
\105\111\231\164\221\260\004\157\343\004\132\261\253\052\253\376  
\307\320\226\266\332\341\112\144\006\156\140\115\275\102\116\377  
\170\332\044\312\033\264\327\226\071\154\256\361\016\252\247\175  
\110\213\040\114\317\144\326\270\227\106\260\116\321\052\126\072  
\240\223\275\257\200\044\340\012\176\347\312\325\312\350\205\125  
\334\066\052\341\224\150\223\307\146\162\104\017\200\041\062\154  
\045\307\043\200\203\012\353

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "LuxTrust Global Root 2"

# Issuer: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU

# Serial Number:0a:7e:a6:df:4b:44:9e:da:6a:24:85:9e:e6:b8:15:d3:16:7f:bb:b1

# Subject: CN=LuxTrust Global Root 2,O=LuxTrust S.A.,C=LU

# Not Valid Before: Thu Mar 05 13:21:57 2015

# Not Valid After : Mon Mar 05 13:21:57 2035

# Fingerprint (SHA-256):

54:45:5F:71:29:C2:0B:14:47:C4:18:F9:97:16:8F:24:C5:8F:C5:02:3B:F5:DA:5B:E2:EB:6E:1D:D8:90:2E:D5

# Fingerprint (SHA1): 1E:0E:56:19:0A:D1:8B:25:98:B2:04:44:FF:66:8A:04:17:99:5F:3F

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "LuxTrust Global Root 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\036\016\126\031\012\321\213\045\230\262\004\104\377\146\212\004
\027\231\137\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\262\341\011\000\141\257\367\361\221\157\304\255\215\136\073\174
END
CKA_ISSUER MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\114\125\061
\026\060\024\006\003\125\004\012\014\015\114\165\170\124\162\165
\163\164\040\123\056\101\056\061\037\060\035\006\003\125\004\003
\014\026\114\165\170\124\162\165\163\164\040\107\154\157\142\141
\154\040\122\157\157\164\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\012\176\246\337\113\104\236\332\152\044\205\236\346\270
\025\323\026\177\273\261
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Symantec Class 1 Public Primary Certification Authority - G6"
#
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9
# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123

```

\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156  
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\066

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156  
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\066

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320  
\363\230

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\044  
\062\165\362\035\057\322\011\063\367\264\152\312\320\363\230\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035  
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145  
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060  
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143  
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105  
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145  
\143\040\103\154\141\163\163\040\061\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060  
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063  
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024  
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141  
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123  
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074

\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\061  
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165  
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\307\071\327  
\111\144\251\231\202\042\114\352\105\331\007\026\343\173\364\203  
\350\231\163\372\153\261\066\340\232\167\240\100\302\201\215\001  
\307\314\214\275\217\175\367\171\343\172\114\003\115\331\373\375  
\207\070\050\054\335\232\213\124\010\333\147\373\033\214\376\050  
\222\057\276\267\262\110\247\201\241\330\136\210\303\314\071\100  
\101\132\321\334\345\332\020\237\057\332\001\115\375\056\106\174  
\371\056\047\012\151\067\356\221\243\033\152\314\104\277\033\307  
\303\324\021\262\120\140\227\011\275\056\042\365\101\204\146\237  
\315\100\246\251\000\200\301\037\225\222\237\336\363\110\357\333  
\035\167\141\374\177\337\356\226\244\162\320\266\076\377\170\047  
\257\313\222\025\151\010\333\143\020\342\346\227\254\156\334\254  
\366\242\316\036\107\231\271\211\267\022\346\241\324\315\131\021  
\147\303\157\205\330\102\116\050\276\131\125\131\004\225\253\217  
\067\200\277\015\360\374\037\072\144\061\130\201\170\327\342\065  
\366\040\077\051\270\217\026\156\076\110\334\265\114\007\341\362  
\032\352\176\012\171\326\250\275\353\135\206\053\115\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\063\101\350\310\071\022\025\223\110\362\226\062\056\132  
\365\332\224\137\123\140\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\025\343\163\127\261\027  
\266\137\111\151\104\246\366\136\172\147\254\322\336\165\111\253  
\376\045\125\307\072\311\104\025\020\156\277\061\153\313\331\007  
\223\177\034\205\143\000\343\062\022\340\314\313\373\071\154\217  
\342\123\342\074\100\063\331\244\214\107\346\255\130\373\211\257  
\343\336\206\051\126\064\054\105\270\022\372\104\211\156\055\024  
\045\050\044\001\145\326\352\122\254\005\156\126\022\011\075\320  
\164\364\327\275\006\312\250\072\215\126\102\372\215\162\076\164  
\361\003\162\337\207\033\136\016\172\125\226\054\070\267\230\205  
\315\115\063\104\311\224\217\132\061\060\067\113\243\072\022\263  
\347\066\321\041\150\113\055\070\346\123\256\034\045\126\010\126  
\003\147\204\235\306\303\316\044\142\307\114\066\317\260\006\104  
\267\365\137\002\335\331\124\351\057\220\116\172\310\116\203\100  
\014\232\227\074\067\277\277\354\366\360\264\205\167\050\301\013  
\310\147\202\020\027\070\242\267\006\352\233\277\072\370\351\043  
\007\277\164\340\230\070\025\125\170\356\162\000\134\031\243\364  
\322\063\340\377\275\321\124\071\051\017

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

```

# Trust for "Symantec Class 1 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:24:32:75:f2:1d:2f:d2:09:33:f7:b4:6a:ca:d0:f3:98
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
9D:19:0B:2E:31:45:66:68:5B:E8:A8:89:E2:7A:A8:C7:D7:AE:1D:8A:AD:DB:A3:C1:EC:F9:D2:48:63:CD:34:B9
# Fingerprint (SHA1): 51:7F:61:1E:29:91:6B:53:82:FB:72:E7:44:D9:8D:C3:CC:53:6D:64
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\177\141\036\051\221\153\123\202\373\162\347\104\331\215\303
\314\123\155\144
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\057\250\264\332\366\144\113\036\202\371\106\075\124\032\174\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Symantec Class 2 Public Primary Certification Authority - G6"
#

```



```

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0
# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\366\060\202\002\336\240\003\002\001\002\002\020\144
\202\236\374\067\036\164\135\374\227\377\227\310\261\377\101\060

```

\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\201  
\224\061\013\060\011\006\003\125\004\006\023\002\125\123\061\035  
\060\033\006\003\125\004\012\023\024\123\171\155\141\156\164\145  
\143\040\103\157\162\160\157\162\141\164\151\157\156\061\037\060  
\035\006\003\125\004\013\023\026\123\171\155\141\156\164\145\143  
\040\124\162\165\163\164\040\116\145\164\167\157\162\153\061\105  
\060\103\006\003\125\004\003\023\074\123\171\155\141\156\164\145  
\143\040\103\154\141\163\163\040\062\040\120\165\142\154\151\143  
\040\120\162\151\155\141\162\171\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\055\040\107\066\060\036\027\015\061\061\061\060\061\070\060  
\060\060\060\060\060\132\027\015\063\067\061\062\060\061\062\063  
\065\071\065\071\132\060\201\224\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\035\060\033\006\003\125\004\012\023\024  
\123\171\155\141\156\164\145\143\040\103\157\162\160\157\162\141  
\164\151\157\156\061\037\060\035\006\003\125\004\013\023\026\123  
\171\155\141\156\164\145\143\040\124\162\165\163\164\040\116\145  
\164\167\157\162\153\061\105\060\103\006\003\125\004\003\023\074  
\123\171\155\141\156\164\145\143\040\103\154\141\163\163\040\062  
\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171\040  
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101\165  
\164\150\157\162\151\164\171\040\055\040\107\066\060\202\001\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\001\017\000\060\202\001\012\002\202\001\001\000\315\314\351  
\005\310\143\205\313\077\100\143\027\275\030\372\065\346\004\147  
\127\145\230\051\244\117\311\134\217\017\064\322\370\332\250\023  
\142\252\270\036\120\147\170\260\026\114\240\071\251\025\172\256  
\355\322\242\300\360\220\067\051\030\046\134\350\015\074\266\154  
\111\077\301\340\334\331\113\266\024\031\013\246\323\226\341\326  
\011\343\031\046\034\371\037\145\113\371\032\103\034\000\203\326  
\320\252\111\242\324\333\346\142\070\272\120\024\103\155\371\061  
\370\126\026\331\070\002\221\317\353\154\335\273\071\116\231\341  
\060\147\105\361\324\360\215\303\337\376\362\070\007\041\175\000  
\136\126\104\263\344\140\275\221\053\234\253\133\004\162\017\262  
\050\331\162\253\005\040\102\045\251\133\003\152\040\020\314\061  
\360\053\332\065\054\320\373\232\227\116\360\202\113\053\330\137  
\066\243\013\055\257\143\015\035\045\177\241\156\134\142\241\215  
\050\076\241\374\034\040\370\001\057\272\125\232\021\260\031\322  
\310\120\171\153\016\152\005\327\252\004\066\262\243\362\341\137  
\167\247\167\234\345\036\334\351\337\152\301\145\135\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\207\214\040\225\310\230\112\321\326\200\006\112\220\064  
\104\337\034\115\277\260\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\001\001\000\201\216\262\245\146\226  
\267\041\245\266\357\157\043\132\137\333\201\305\102\245\170\301  
\151\375\364\074\327\371\134\153\160\162\032\374\132\227\115\000

```
\200\210\210\202\212\303\161\015\216\305\211\233\054\355\215\013
\322\162\124\365\175\324\134\103\127\351\363\256\245\002\021\366
\166\053\201\127\335\175\332\164\060\375\124\107\366\340\026\156
\246\264\012\110\346\347\165\007\017\051\031\071\316\171\364\266
\154\305\137\231\325\037\113\372\337\155\054\074\015\124\200\160
\360\210\013\200\317\306\150\242\270\035\160\331\166\214\374\356
\245\311\317\255\035\317\231\045\127\132\142\105\313\026\153\275
\111\315\245\243\214\151\171\045\256\270\114\154\213\100\146\113
\026\077\317\002\032\335\341\154\153\007\141\152\166\025\051\231
\177\033\335\210\200\301\277\265\217\163\305\246\226\043\204\246
\050\206\044\063\152\001\056\127\163\045\266\136\277\217\346\035
\141\250\100\051\147\035\207\233\035\177\233\237\231\315\061\326
\124\276\142\273\071\254\150\022\110\221\040\245\313\261\335\376
\157\374\132\344\202\125\131\257\061\251
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Symantec Class 2 Public Primary Certification Authority - G6"
```

```
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
```

```
# Serial Number:64:82:9e:fc:37:1e:74:5d:fc:97:ff:97:c8:b1:ff:41
```

```
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
```

```
# Not Valid Before: Tue Oct 18 00:00:00 2011
```

```
# Not Valid After : Tue Dec 01 23:59:59 2037
```

```
# Fingerprint (SHA-256):
```

```
CB:62:7D:18:B5:8A:D5:6D:DE:33:1A:30:45:6B:C6:5C:60:1A:4E:9B:18:DE:DC:EA:08:E7:DA:AA:07:81:5F:F0
```

```
# Fingerprint (SHA1): 40:B3:31:A0:E9:BF:E8:55:BC:39:93:CA:70:4F:4E:C2:51:D4:1D:8F
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\100\263\061\240\351\277\350\125\274\071\223\312\160\117\116\302
\121\324\035\217
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\175\013\203\345\373\174\255\007\117\040\251\265\337\143\355\171
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
```

```

\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\144\202\236\374\067\036\164\135\374\227\377\227\310\261
\377\101
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Symantec Class 1 Public Primary Certification Authority - G4"
#
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Serial Number:21:6e:33:a5:cb:d3:88:a4:6f:29:07:b4:27:3c:c4:d8
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Wed Oct 05 00:00:00 2011
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
36:3F:3C:84:9E:AB:03:B0:A2:A0:F6:36:D7:B8:6D:04:D3:AC:7F:CF:E2:6A:0A:91:21:AB:97:95:F6:E1:76:DF
# Fingerprint (SHA1): 84:F2:E3:DD:83:13:3E:A9:1D:19:52:7F:02:D7:29:BF:C1:5F:E6:67
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

```

\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156  
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061  
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\041\156\063\245\313\323\210\244\157\051\007\264\047\074  
\304\330

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\250\060\202\002\055\240\003\002\001\002\002\020\041  
\156\063\245\313\323\210\244\157\051\007\264\047\074\304\330\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\224\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\035\060\033\006  
\003\125\004\012\023\024\123\171\155\141\156\164\145\143\040\103  
\157\162\160\157\162\141\164\151\157\156\061\037\060\035\006\003  
\125\004\013\023\026\123\171\155\141\156\164\145\143\040\124\162  
\165\163\164\040\116\145\164\167\157\162\153\061\105\060\103\006  
\003\125\004\003\023\074\123\171\155\141\156\164\145\143\040\103  
\154\141\163\163\040\061\040\120\165\142\154\151\143\040\120\162  
\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040  
\107\064\060\036\027\015\061\061\061\060\060\065\060\060\060\060  
\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071\065  
\071\132\060\201\224\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\035\060\033\006\003\125\004\012\023\024\123\171\155  
\141\156\164\145\143\040\103\157\162\160\157\162\141\164\151\157  
\156\061\037\060\035\006\003\125\004\013\023\026\123\171\155\141  
\156\164\145\143\040\124\162\165\163\164\040\116\145\164\167\157  
\162\153\061\105\060\103\006\003\125\004\003\023\074\123\171\155  
\141\156\164\145\143\040\103\154\141\163\163\040\061\040\120\165  
\142\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\107\064\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\327\146\265\033\333\256\263\140\356\106\352\210\143\165\073  
\052\224\155\363\137\022\366\343\017\236\266\012\024\123\110\122  
\310\334\072\263\313\110\040\046\022\116\372\211\204\324\337\221  
\344\051\175\050\001\331\333\030\103\151\241\037\265\323\206\026  
\334\307\177\147\043\337\337\061\061\203\003\065\160\261\113\267  
\310\027\273\121\313\334\224\027\333\352\011\073\166\022\336\252  
\265\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004

```
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004
\024\145\300\215\045\365\014\272\227\167\220\077\236\056\340\132
\365\316\325\341\344\060\012\006\010\052\206\110\316\075\004\003
\003\003\151\000\060\146\002\061\000\245\256\343\106\123\370\230
\066\343\042\372\056\050\111\015\356\060\176\063\363\354\077\161
\136\314\125\211\170\231\254\262\375\334\034\134\063\216\051\271
\153\027\310\021\150\265\334\203\007\002\061\000\234\310\104\332
\151\302\066\303\124\031\020\205\002\332\235\107\357\101\347\154
\046\235\011\075\367\155\220\321\005\104\057\260\274\203\223\150
\362\014\105\111\071\277\231\004\034\323\020\240
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Symantec Class 1 Public Primary Certification Authority - G4"
```

```
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
```

```
# Serial Number:21:6e:33:a5:cb:d3:88:a4:6f:29:07:b4:27:3c:c4:d8
```

```
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G4,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
```

```
# Not Valid Before: Wed Oct 05 00:00:00 2011
```

```
# Not Valid After : Mon Jan 18 23:59:59 2038
```

```
# Fingerprint (SHA-256):
```

```
36:3F:3C:84:9E:AB:03:B0:A2:A0:F6:36:D7:B8:6D:04:D3:AC:7F:CF:E2:6A:0A:91:21:AB:97:95:F6:E1:76:DF
```

```
# Fingerprint (SHA1): 84:F2:E3:DD:83:13:3E:A9:1D:19:52:7F:02:D7:29:BF:C1:5F:E6:67
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\204\362\343\335\203\023\076\251\035\031\122\177\002\327\051\277
\301\137\346\147
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\004\345\200\077\125\377\131\207\244\062\322\025\245\345\252\346
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
```

```
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\020\041\156\063\245\313\323\210\244\157\051\007\264\047\074
\304\330
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Symantec Class 2 Public Primary Certification Authority - G4"

#

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Serial Number:34:17:65:12:40:3b:b7:56:80:2d:80:cb:79:55:a6:1e

# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Not Valid Before: Wed Oct 05 00:00:00 2011

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

FE:86:3D:08:22:FE:7A:23:53:FA:48:4D:59:24:E8:75:65:6D:3D:C9:FB:58:77:1F:6F:61:6F:9D:57:1B:C5:92

# Fingerprint (SHA1): 67:24:90:2E:48:01:B0:22:96:40:10:46:B4:B1:67:2C:A9:75:FD:2B

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
```

\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164  
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153  
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156  
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154  
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151  
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151  
\164\171\040\055\040\107\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\064\027\145\022\100\073\267\126\200\055\200\313\171\125  
\246\036

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\250\060\202\002\055\240\003\002\001\002\002\020\064  
\027\145\022\100\073\267\126\200\055\200\313\171\125\246\036\060  
\012\006\010\052\206\110\316\075\004\003\003\060\201\224\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\035\060\033\006  
\003\125\004\012\023\024\123\171\155\141\156\164\145\143\040\103  
\157\162\160\157\162\141\164\151\157\156\061\037\060\035\006\003  
\125\004\013\023\026\123\171\155\141\156\164\145\143\040\124\162  
\165\163\164\040\116\145\164\167\157\162\153\061\105\060\103\006  
\003\125\004\003\023\074\123\171\155\141\156\164\145\143\040\103  
\154\141\163\163\040\062\040\120\165\142\154\151\143\040\120\162  
\151\155\141\162\171\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040  
\107\064\060\036\027\015\061\061\061\060\060\065\060\060\060\060  
\060\060\132\027\015\063\070\060\061\061\070\062\063\065\071\065  
\071\132\060\201\224\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\035\060\033\006\003\125\004\012\023\024\123\171\155  
\141\156\164\145\143\040\103\157\162\160\157\162\141\164\151\157  
\156\061\037\060\035\006\003\125\004\013\023\026\123\171\155\141  
\156\164\145\143\040\124\162\165\163\164\040\116\145\164\167\157  
\162\153\061\105\060\103\006\003\125\004\003\023\074\123\171\155  
\141\156\164\145\143\040\103\154\141\163\163\040\062\040\120\165  
\142\154\151\143\040\120\162\151\155\141\162\171\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\055\040\107\064\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\321\331\112\216\114\015\204\112\121\272\174\357\323\314\372  
\072\232\265\247\143\023\075\001\340\111\076\372\301\107\311\222  
\263\072\327\376\157\234\367\232\072\017\365\016\012\012\303\077  
\310\347\022\024\216\325\325\155\230\054\263\161\062\012\353\052  
\275\366\327\152\040\013\147\105\234\322\262\277\123\042\146\011  
\135\333\021\363\361\005\063\130\243\342\270\317\174\315\202\233  
\275\243\102\060\100\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004  
\024\075\062\363\072\251\014\220\204\371\242\214\151\006\141\124



```
\057\207\162\376\005\060\012\006\010\052\206\110\316\075\004\003
\003\003\151\000\060\146\002\061\000\310\246\251\257\101\177\265
\311\021\102\026\150\151\114\134\270\047\030\266\230\361\300\177
\220\155\207\323\214\106\027\360\076\117\374\352\260\010\304\172
\113\274\010\057\307\342\247\157\145\002\061\000\326\131\336\206
\316\137\016\312\124\325\306\320\025\016\374\213\224\162\324\216
\000\130\123\317\176\261\113\015\345\120\206\353\236\153\337\377
\051\246\330\107\331\240\226\030\333\362\105\263
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "Symantec Class 2 Public Primary Certification Authority - G4"

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Serial Number:34:17:65:12:40:3b:b7:56:80:2d:80:cb:79:55:a6:1e

# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G4,OU=Symantec Trust  
Network,O=Symantec Corporation,C=US

# Not Valid Before: Wed Oct 05 00:00:00 2011

# Not Valid After : Mon Jan 18 23:59:59 2038

# Fingerprint (SHA-256):

FE:86:3D:08:22:FE:7A:23:53:FA:48:4D:59:24:E8:75:65:6D:3D:C9:FB:58:77:1F:6F:61:6F:9D:57:1B:C5:92

# Fingerprint (SHA1): 67:24:90:2E:48:01:B0:22:96:40:10:46:B4:B1:67:2C:A9:75:FD:2B

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\147\044\220\056\110\001\260\042\226\100\020\106\264\261\147\054
\251\165\375\053
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\160\325\060\361\332\224\227\324\327\164\337\276\355\150\336\226
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\224\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\103\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\062\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\055\040\107\064
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\064\027\145\022\100\073\267\126\200\055\200\313\171\125
\246\036
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "D-TRUST Root CA 3 2013"
#
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Serial Number: 1039788 (0xfddac)
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_VALUE MULTILINE_OCTAL
\060\202\004\016\060\202\002\366\240\003\002\001\002\002\003\017
\335\254\060\015\006\011\052\206\110\206\367\015\001\001\013\005
\000\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105

```

\061\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165  
\163\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003  
\014\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103  
\101\040\063\040\062\060\061\063\060\036\027\015\061\063\060\071  
\062\060\060\070\062\065\065\061\132\027\015\062\070\060\071\062  
\060\060\070\062\065\065\061\132\060\105\061\013\060\011\006\003  
\125\004\006\023\002\104\105\061\025\060\023\006\003\125\004\012  
\014\014\104\055\124\162\165\163\164\040\107\155\142\110\061\037  
\060\035\006\003\125\004\003\014\026\104\055\124\122\125\123\124  
\040\122\157\157\164\040\103\101\040\063\040\062\060\061\063\060  
\202\001\042\060\015\006\011\052\206\110\206\367\015\001\001\001  
\005\000\003\202\001\017\000\060\202\001\012\002\202\001\001\000  
\304\173\102\222\202\037\354\355\124\230\216\022\300\312\011\337  
\223\156\072\223\134\033\344\020\167\236\116\151\210\154\366\341  
\151\362\366\233\242\141\261\275\007\040\164\230\145\361\214\046  
\010\315\250\065\312\200\066\321\143\155\350\104\172\202\303\154  
\136\336\273\350\066\322\304\150\066\214\237\062\275\204\042\340  
\334\302\356\020\106\071\155\257\223\071\256\207\346\303\274\011  
\311\054\153\147\133\331\233\166\165\114\013\340\273\305\327\274  
\076\171\362\137\276\321\220\127\371\256\366\146\137\061\277\323  
\155\217\247\272\112\363\043\145\273\267\357\243\045\327\012\352  
\130\266\357\210\372\372\171\262\122\130\325\360\254\214\241\121  
\164\051\225\252\121\073\220\062\003\237\034\162\164\220\336\075  
\355\141\322\345\343\375\144\107\345\271\267\112\251\367\037\256  
\226\206\004\254\057\343\244\201\167\267\132\026\377\330\017\077  
\366\267\170\314\244\257\372\133\074\022\133\250\122\211\162\357  
\210\363\325\104\201\206\225\043\237\173\335\274\331\064\357\174  
\224\074\252\300\101\302\343\235\120\032\300\344\031\042\374\263  
\002\003\001\000\001\243\202\001\005\060\202\001\001\060\017\006  
\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060\035  
\006\003\125\035\016\004\026\004\024\077\220\310\175\307\025\157  
\363\044\217\251\303\057\113\242\017\041\262\057\347\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\006\060\201\276  
\006\003\125\035\037\004\201\266\060\201\263\060\164\240\162\240  
\160\206\156\154\144\141\160\072\057\057\144\151\162\145\143\164  
\157\162\171\056\144\055\164\162\165\163\164\056\156\145\164\057  
\103\116\075\104\055\124\122\125\123\124\045\062\060\122\157\157  
\164\045\062\060\103\101\045\062\060\063\045\062\060\062\060\061  
\063\054\117\075\104\055\124\162\165\163\164\045\062\060\107\155  
\142\110\054\103\075\104\105\077\143\145\162\164\151\146\151\143  
\141\164\145\162\145\166\157\143\141\164\151\157\156\154\151\163  
\164\060\073\240\071\240\067\206\065\150\164\164\160\072\057\057  
\143\162\154\056\144\055\164\162\165\163\164\056\156\145\164\057  
\143\162\154\057\144\055\164\162\165\163\164\137\162\157\157\164  
\137\143\141\137\063\137\062\060\061\063\056\143\162\154\060\015  
\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202\001  
\001\000\016\131\016\130\344\164\110\043\104\317\064\041\265\234  
\024\032\255\232\113\267\263\210\155\134\251\027\160\360\052\237

```
\215\173\371\173\205\372\307\071\350\020\010\260\065\053\137\317
\002\322\323\234\310\013\036\356\005\124\256\067\223\004\011\175
\154\217\302\164\274\370\034\224\276\061\001\100\055\363\044\040
\267\204\125\054\134\310\365\164\112\020\031\213\243\307\355\065
\326\011\110\323\016\300\272\071\250\260\106\002\260\333\306\210
\131\302\276\374\173\261\053\317\176\142\207\125\226\314\001\157
\233\147\041\225\065\213\370\020\374\161\033\267\113\067\151\246
\073\326\354\213\356\301\260\363\045\311\217\222\175\241\352\303
\312\104\277\046\245\164\222\234\343\164\353\235\164\331\313\115
\207\330\374\264\151\154\213\240\103\007\140\170\227\351\331\223
\174\302\106\274\233\067\122\243\355\212\074\023\251\173\123\113
\111\232\021\005\054\013\156\126\254\037\056\202\154\340\151\147
\265\016\155\055\331\344\300\025\361\077\372\030\162\341\025\155
\047\133\055\060\050\053\237\110\232\144\053\231\357\362\165\111
\137\134
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "D-TRUST Root CA 3 2013"
```

```
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
```

```
# Serial Number: 1039788 (0xfddac)
```

```
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
```

```
# Not Valid Before: Fri Sep 20 08:25:51 2013
```

```
# Not Valid After : Wed Sep 20 08:25:51 2028
```

```
# Fingerprint (SHA-256):
```

```
A1:A8:6D:04:12:1E:B8:7F:02:7C:66:F5:33:03:C2:8E:57:39:F9:43:FC:84:B3:8A:D6:AF:00:90:35:DD:94:57
```

```
# Fingerprint (SHA1): 6C:7C:CC:E7:D4:AE:51:5F:99:08:CD:3F:F6:E8:C3:78:DF:6F:EF:97
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\154\174\314\347\324\256\121\137\231\010\315\077\366\350\303\170
\337\157\357\227
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\267\042\146\230\176\326\003\340\301\161\346\165\315\126\105\277
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
```

END

```

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
#
# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Serial Number: 1 (0x1)
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003

```

\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154  
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157  
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165  
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055  
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145  
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153  
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060  
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040  
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040  
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165  
\162\165\155\040\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\001\001

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\143\060\202\003\113\240\003\002\001\002\002\001\001  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122\061  
\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145\040  
\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003\125  
\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154\151  
\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157\152  
\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165\162  
\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055\060  
\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145\162  
\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153\145  
\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060\064  
\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040\113  
\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040\123  
\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165\162  
\165\155\040\061\060\036\027\015\061\063\061\061\062\065\060\070  
\062\065\065\065\132\027\015\064\063\061\060\062\065\060\070\062  
\065\065\065\132\060\201\322\061\013\060\011\006\003\125\004\006  
\023\002\124\122\061\030\060\026\006\003\125\004\007\023\017\107  
\145\142\172\145\040\055\040\113\157\143\141\145\154\151\061\102  
\060\100\006\003\125\004\012\023\071\124\165\162\153\151\171\145  
\040\102\151\154\151\155\163\145\154\040\166\145\040\124\145\153  
\156\157\154\157\152\151\153\040\101\162\141\163\164\151\162\155  
\141\040\113\165\162\165\155\165\040\055\040\124\125\102\111\124  
\101\113\061\055\060\053\006\003\125\004\013\023\044\113\141\155  
\165\040\123\145\162\164\151\146\151\153\141\163\171\157\156\040  
\115\145\162\153\145\172\151\040\055\040\113\141\155\165\040\123  
\115\061\066\060\064\006\003\125\004\003\023\055\124\125\102\111  
\124\101\113\040\113\141\155\165\040\123\115\040\123\123\114\040  
\113\157\153\040\123\145\162\164\151\146\151\153\141\163\151\040  
\055\040\123\165\162\165\155\040\061\060\202\001\042\060\015\006  
\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001\017

\000\060\202\001\012\002\202\001\001\000\257\165\060\063\252\273  
\153\323\231\054\022\067\204\331\215\173\227\200\323\156\347\377  
\233\120\225\076\220\225\126\102\327\031\174\046\204\215\222\372  
\001\035\072\017\342\144\070\267\214\274\350\210\371\213\044\253  
\056\243\365\067\344\100\216\030\045\171\203\165\037\073\377\154  
\250\305\306\126\370\264\355\212\104\243\253\154\114\374\035\320  
\334\357\150\275\317\344\252\316\360\125\367\242\064\324\203\153  
\067\174\034\302\376\265\003\354\127\316\274\264\265\305\355\000  
\017\123\067\052\115\364\117\014\203\373\206\317\313\376\214\116  
\275\207\371\247\213\041\127\234\172\337\003\147\211\054\235\227  
\141\247\020\270\125\220\177\016\055\047\070\164\337\347\375\332  
\116\022\343\115\025\042\002\310\340\340\374\017\255\212\327\311  
\124\120\314\073\017\312\026\200\204\320\121\126\303\216\126\177  
\211\042\063\057\346\205\012\275\245\250\033\066\336\323\334\054  
\155\073\307\023\275\131\043\054\346\345\244\367\330\013\355\352  
\220\100\104\250\225\273\223\325\320\200\064\266\106\170\016\037  
\000\223\106\341\356\351\371\354\117\027\002\003\001\000\001\243  
\102\060\100\060\035\006\003\125\035\016\004\026\004\024\145\077  
\307\212\206\306\074\335\074\124\134\065\370\072\355\122\014\107  
\127\310\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\003\202\001\001\000\052\077\341\361\062\216\256\341\230  
\134\113\136\317\153\036\152\011\322\042\251\022\307\136\127\175  
\163\126\144\200\204\172\223\344\011\271\020\315\237\052\047\341  
\000\167\276\110\310\065\250\201\237\344\270\054\311\177\016\260  
\322\113\067\135\352\271\325\013\136\064\275\364\163\051\303\355  
\046\025\234\176\010\123\212\130\215\320\113\050\337\301\263\337  
\040\363\371\343\343\072\337\314\234\224\330\116\117\303\153\027  
\267\367\162\350\255\146\063\265\045\123\253\340\370\114\251\235  
\375\362\015\272\256\271\331\252\306\153\371\223\273\256\253\270  
\227\074\003\032\272\103\306\226\271\105\162\070\263\247\241\226  
\075\221\173\176\300\041\123\114\207\355\362\013\124\225\121\223  
\325\042\245\015\212\361\223\016\076\124\016\260\330\311\116\334  
\362\061\062\126\352\144\371\352\265\235\026\146\102\162\363\177  
\323\261\061\103\374\244\216\027\361\155\043\253\224\146\370\255  
\373\017\010\156\046\055\177\027\007\011\262\214\373\120\300\237  
\226\215\317\266\375\000\235\132\024\232\277\002\104\365\301\302  
\237\042\136\242\017\241\343

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"

# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu  
SM,O=Türkiye Bilimsel ve Teknolojik Arastırma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR

# Serial Number: 1 (0x1)

```
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu
SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
46:ED:C3:68:90:46:D5:3A:45:3F:B3:10:4A:B8:0D:CA:EC:65:8B:26:60:EA:16:29:DD:7E:86:79:90:64:87:16
# Fingerprint (SHA1): 31:43:64:9B:EC:CE:27:EC:ED:3A:3F:0B:8F:0D:E4:E8:91:DD:EE:CA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\061\103\144\233\354\316\047\354\355\072\077\013\217\015\344\350
\221\335\356\312
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\000\201\334\151\057\076\057\260\073\366\075\132\221\216\111
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\040\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\115\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\040
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165
\162\165\155\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GDCA TrustAUTH R5 ROOT"
#
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN
```



```
# Serial Number:7d:09:97:fe:f0:47:ea:7a
# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
CO.,LTD.",C=CN
# Not Valid Before: Wed Nov 26 05:13:15 2014
# Not Valid After : Mon Dec 31 15:59:59 2040
# Fingerprint (SHA-256):
BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93
# Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\210\060\202\003\160\240\003\002\001\002\002\010\175
\011\227\376\360\107\352\172\060\015\006\011\052\206\110\206\367
\015\001\001\013\005\000\060\142\061\013\060\011\006\003\125\004
\006\023\002\103\116\061\062\060\060\006\003\125\004\012\014\051
\107\125\101\116\107\040\104\117\116\107\040\103\105\122\124\111
\106\111\103\101\124\105\040\101\125\124\110\117\122\111\124\131
\040\103\117\056\054\114\124\104\056\061\037\060\035\006\003\125
\004\003\014\026\107\104\103\101\040\124\162\165\163\164\101\125
\124\110\040\122\065\040\122\117\117\124\060\036\027\015\061\064
\061\061\062\066\060\065\061\063\061\065\132\027\015\064\060\061
\062\063\061\061\065\065\071\065\071\132\060\142\061\013\060\011
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\006\003\125\004\006\023\002\103\116\061\062\060\060\006\003\125  
\004\012\014\051\107\125\101\116\107\040\104\117\116\107\040\103  
\105\122\124\111\106\111\103\101\124\105\040\101\125\124\110\117  
\122\111\124\131\040\103\117\056\054\114\124\104\056\061\037\060  
\035\006\003\125\004\003\014\026\107\104\103\101\040\124\162\165  
\163\164\101\125\124\110\040\122\065\040\122\117\117\124\060\202  
\002\042\060\015\006\011\052\206\110\206\367\015\001\001\001\005  
\000\003\202\002\017\000\060\202\002\012\002\202\002\001\000\331  
\243\026\360\310\164\164\167\233\357\063\015\073\006\176\125\374  
\265\140\217\166\206\022\102\175\126\146\076\210\202\355\162\143  
\016\236\213\335\064\054\002\121\121\303\031\375\131\124\204\311  
\361\153\263\114\260\351\350\106\135\070\306\242\247\056\021\127  
\272\202\025\242\234\217\155\260\231\112\012\362\353\211\160\143  
\116\171\304\267\133\275\242\135\261\362\101\002\053\255\251\072  
\243\354\171\012\354\137\072\343\375\357\200\074\255\064\233\032  
\253\210\046\173\126\242\202\206\037\353\065\211\203\177\137\256  
\051\116\075\266\156\354\256\301\360\047\233\256\343\364\354\357  
\256\177\367\206\075\162\172\353\245\373\131\116\247\353\225\214  
\042\071\171\341\055\010\217\314\274\221\270\101\367\024\301\043  
\251\303\255\232\105\104\263\262\327\054\315\306\051\342\120\020  
\256\134\313\202\216\027\030\066\175\227\346\210\232\260\115\064  
\011\364\054\271\132\146\052\260\027\233\236\036\166\235\112\146  
\061\101\337\077\373\305\006\357\033\266\176\032\106\066\367\144  
\143\073\343\071\030\043\347\147\165\024\325\165\127\222\067\275  
\276\152\033\046\120\362\066\046\006\220\305\160\001\144\155\166  
\146\341\221\333\156\007\300\141\200\056\262\056\057\214\160\247  
\321\073\074\263\221\344\156\266\304\073\160\362\154\222\227\011  
\315\107\175\030\300\363\273\236\017\326\213\256\007\266\132\017  
\316\013\014\107\247\345\076\270\275\175\307\233\065\240\141\227  
\072\101\165\027\314\053\226\167\052\222\041\036\331\225\166\040  
\147\150\317\015\275\337\326\037\011\152\232\342\314\163\161\244  
\057\175\022\200\267\123\060\106\136\113\124\231\017\147\311\245  
\310\362\040\301\202\354\235\021\337\302\002\373\032\073\321\355  
\040\232\357\145\144\222\020\015\052\342\336\160\361\030\147\202  
\214\141\336\270\274\321\057\234\373\017\320\053\355\033\166\271  
\344\071\125\370\370\241\035\270\252\200\000\114\202\347\262\177  
\011\270\274\060\240\057\015\365\122\236\216\367\222\263\012\000  
\035\000\124\227\006\340\261\007\331\307\017\134\145\175\074\155  
\131\127\344\355\245\215\351\100\123\237\025\113\240\161\366\032  
\041\343\332\160\006\041\130\024\207\205\167\171\252\202\171\002  
\003\001\000\001\243\102\060\100\060\035\006\003\125\035\016\004  
\026\004\024\342\311\100\237\115\316\350\232\241\174\317\016\077  
\145\305\051\210\152\031\121\060\017\006\003\125\035\023\001\001  
\377\004\005\060\003\001\001\377\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\206\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\003\202\002\001\000\321\111\127\340  
\247\314\150\130\272\001\017\053\031\315\215\260\141\105\254\021  
\355\143\120\151\370\037\177\276\026\217\375\235\353\013\252\062

\107\166\322\147\044\355\275\174\063\062\227\052\307\005\206\146  
\015\027\175\024\025\033\324\353\375\037\232\366\136\227\151\267  
\032\045\244\012\263\221\077\137\066\254\213\354\127\250\076\347  
\201\212\030\127\071\205\164\032\102\307\351\133\023\137\217\371  
\010\351\222\164\215\365\107\322\253\073\326\373\170\146\116\066  
\175\371\351\222\351\004\336\375\111\143\374\155\373\024\161\223  
\147\057\107\112\267\271\377\036\052\163\160\106\060\277\132\362  
\057\171\245\341\215\014\331\371\262\143\067\214\067\145\205\160  
\152\134\133\011\162\271\255\143\074\261\335\370\374\062\277\067  
\206\344\273\216\230\047\176\272\037\026\341\160\021\362\003\337  
\045\142\062\047\046\030\062\204\237\377\000\072\023\272\232\115  
\364\117\270\024\160\042\261\312\053\220\316\051\301\160\364\057  
\235\177\362\220\036\326\132\337\267\106\374\346\206\372\313\340  
\040\166\172\272\246\313\365\174\336\142\245\261\213\356\336\202  
\146\212\116\072\060\037\077\200\313\255\047\272\014\136\327\320  
\261\126\312\167\161\262\265\165\241\120\251\100\103\027\302\050  
\331\317\122\213\133\310\143\324\102\076\240\063\172\106\056\367  
\012\040\106\124\176\152\117\061\361\201\176\102\164\070\145\163  
\047\356\306\174\270\216\327\245\072\327\230\241\234\214\020\125  
\323\333\113\354\100\220\362\315\156\127\322\142\016\174\127\223  
\261\247\155\315\235\203\273\052\347\345\266\073\161\130\255\375  
\321\105\274\132\221\356\123\025\157\323\105\011\165\156\272\220  
\135\036\004\317\067\337\036\250\146\261\214\346\040\152\357\374  
\110\116\164\230\102\257\051\157\056\152\307\373\175\321\146\061  
\042\314\206\000\176\146\203\014\102\364\275\064\222\303\032\352  
\117\312\176\162\115\013\160\214\246\110\273\246\241\024\366\373  
\130\104\231\024\256\252\013\223\151\240\051\045\112\245\313\053  
\335\212\146\007\026\170\025\127\161\033\354\365\107\204\363\236  
\061\067\172\325\177\044\255\344\274\375\375\314\156\203\350\014  
\250\267\101\154\007\335\275\074\206\227\057\322

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRUST\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GDCA TrustAUTH R5 ROOT"

# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Serial Number:7d:09:97:fe:f0:47:ea:7a

# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY  
CO.,LTD.",C=CN

# Not Valid Before: Wed Nov 26 05:13:15 2014

# Not Valid After : Mon Dec 31 15:59:59 2040

# Fingerprint (SHA-256):

BF:FF:8F:D0:44:33:48:7D:6A:8A:A6:0C:1A:29:76:7A:9F:C2:BB:B0:5E:42:0F:71:3A:13:B9:92:89:1D:38:93

# Fingerprint (SHA1): 0F:36:38:5B:81:1A:25:C3:9B:31:4E:83:CA:E9:34:66:70:CC:74:B4

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\066\070\133\201\032\045\303\233\061\116\203\312\351\064\146
\160\314\164\264
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\143\314\331\075\064\065\134\157\123\243\342\010\160\110\037\264
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\062\060\060\006\003\125\004\012\014\051\107\125\101\116\107\040
\104\117\116\107\040\103\105\122\124\111\106\111\103\101\124\105
\040\101\125\124\110\117\122\111\124\131\040\103\117\056\054\114
\124\104\056\061\037\060\035\006\003\125\004\003\014\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor RootCert CA-1"
#
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
# Fingerprint (SHA-256):
D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C
# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101

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\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\332\233\354\161\363\003\260\031

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\060\060\202\003\030\240\003\002\001\002\002\011\000  
\332\233\354\161\363\003\260\031\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003  
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010  
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004  
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044  
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157  
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040  
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124  
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060  
\035\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162  
\040\122\157\157\164\103\145\162\164\040\103\101\055\061\060\036  
\027\015\061\066\060\062\060\064\061\062\063\062\061\066\132\027  
\015\062\071\061\062\063\061\061\067\062\063\061\066\132\060\201  
\244\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017  
\060\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061  
\024\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141  
\040\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033

\124\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163  
\040\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006  
\003\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103  
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157  
\162\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124  
\162\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164  
\040\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\277\216\267\225\342\302\046\022\153\063  
\031\307\100\130\012\253\131\252\215\000\243\374\200\307\120\173  
\216\324\040\046\272\062\022\330\043\124\111\045\020\042\230\235  
\106\322\301\311\236\116\033\056\054\016\070\363\032\045\150\034  
\246\132\005\346\036\213\110\277\230\226\164\076\151\312\351\265  
\170\245\006\274\325\000\136\011\012\362\047\172\122\374\055\325  
\261\352\264\211\141\044\363\032\023\333\251\317\122\355\014\044  
\272\271\236\354\176\000\164\372\223\255\154\051\222\256\121\264  
\273\323\127\277\263\363\250\215\234\364\044\113\052\326\231\236  
\364\236\376\300\176\102\072\347\013\225\123\332\267\150\016\220  
\114\373\160\077\217\112\054\224\363\046\335\143\151\251\224\330  
\020\116\305\107\010\220\231\033\027\115\271\154\156\357\140\225  
\021\216\041\200\265\275\240\163\330\320\262\167\304\105\352\132  
\046\373\146\166\166\370\006\037\141\155\017\125\305\203\267\020  
\126\162\006\007\245\363\261\032\003\005\144\016\235\132\212\326  
\206\160\033\044\336\376\050\212\053\320\152\260\374\172\242\334  
\262\171\016\213\145\017\002\003\001\000\001\243\143\060\141\060  
\035\006\003\125\035\016\004\026\004\024\356\153\111\074\172\077  
\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060\037  
\006\003\125\035\043\004\030\060\026\200\024\356\153\111\074\172  
\077\015\343\261\011\267\212\310\253\031\237\163\063\120\347\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\001\001\000\045\030\324\221\217\023\356\217\036\035\021\123  
\332\055\104\051\031\240\036\153\061\236\115\016\236\255\075\134  
\101\157\225\053\044\241\171\230\072\070\066\373\273\146\236\110  
\377\220\220\357\075\324\270\233\264\207\165\077\040\233\316\162  
\317\241\125\301\115\144\242\031\006\241\007\063\014\013\051\345  
\361\352\253\243\354\265\012\164\220\307\175\162\362\327\134\237  
\221\357\221\213\267\334\355\146\242\317\216\146\073\274\237\072  
\002\340\047\335\026\230\300\225\324\012\244\344\201\232\165\224  
\065\234\220\137\210\067\006\255\131\225\012\260\321\147\323\031  
\312\211\347\062\132\066\034\076\202\250\132\223\276\306\320\144  
\221\266\317\331\266\030\317\333\176\322\145\243\246\304\216\027  
\061\301\373\176\166\333\323\205\343\130\262\167\172\166\073\154  
\057\120\034\347\333\366\147\171\037\365\202\225\232\007\247\024  
\257\217\334\050\041\147\011\322\326\115\132\034\031\034\216\167  
\134\303\224\044\075\062\153\113\176\324\170\224\203\276\067\115  
\316\137\307\036\116\074\340\211\063\225\013\017\245\062\326\074

```

\132\171\054\031
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "TrustCor RootCert CA-1"
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
# Fingerprint (SHA-256):
D4:0E:9C:86:CD:8F:E4:68:C1:77:69:59:F4:9E:A7:74:FA:54:86:84:B6:C4:06:F3:90:92:61:F4:DC:E2:57:5C
# Fingerprint (SHA1): FF:BD:CD:E7:82:C8:43:5E:3C:6F:26:86:5C:CA:A8:3A:45:5B:C3:0A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\377\275\315\347\202\310\103\136\074\157\046\206\134\312\250\072
\105\133\303\012
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\156\205\361\334\032\000\323\042\325\262\262\254\153\067\005\105
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\332\233\354\161\363\003\260\031
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

```

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "TrustCor RootCert CA-2"

#

# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Serial Number:25:a1:df:ca:33:cb:59:02

# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:23 2016

# Not Valid After : Sun Dec 31 17:26:39 2034

# Fingerprint (SHA-256):

07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65

# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor RootCert CA-2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014  
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145  
\162\164\040\103\101\055\062

END



CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\045\241\337\312\063\313\131\002

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\057\060\202\004\027\240\003\002\001\002\002\010\045  
\241\337\312\063\313\131\002\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\201\244\061\013\060\011\006\003\125  
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014  
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007  
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060  
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162  
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122  
\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162  
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\061\037\060\035  
\006\003\125\004\003\014\026\124\162\165\163\164\103\157\162\040  
\122\157\157\164\103\145\162\164\040\103\101\055\062\060\036\027  
\015\061\066\060\062\060\064\061\062\063\062\062\063\132\027\015  
\063\064\061\062\063\061\061\067\062\066\063\071\132\060\201\244  
\061\013\060\011\006\003\125\004\006\023\002\120\101\061\017\060  
\015\006\003\125\004\010\014\006\120\141\156\141\155\141\061\024  
\060\022\006\003\125\004\007\014\013\120\141\156\141\155\141\040  
\103\151\164\171\061\044\060\042\006\003\125\004\012\014\033\124  
\162\165\163\164\103\157\162\040\123\171\163\164\145\155\163\040  
\123\056\040\144\145\040\122\056\114\056\061\047\060\045\006\003  
\125\004\013\014\036\124\162\165\163\164\103\157\162\040\103\145  
\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162  
\151\164\171\061\037\060\035\006\003\125\004\003\014\026\124\162  
\165\163\164\103\157\162\040\122\157\157\164\103\145\162\164\040  
\103\101\055\062\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\247\040\156\302\052\242\142\044\225\220\166  
\310\070\176\200\322\253\301\233\145\005\224\364\301\012\020\325  
\002\254\355\237\223\307\207\310\260\047\053\102\014\075\012\076  
\101\132\236\165\335\215\312\340\233\354\150\062\244\151\222\150  
\214\013\201\016\126\240\076\032\335\054\045\024\202\057\227\323  
\144\106\364\124\251\334\072\124\055\061\053\231\202\362\331\052  
\327\357\161\000\270\061\244\276\172\044\007\303\102\040\362\212  
\324\222\004\033\145\126\114\154\324\373\266\141\132\107\043\264  
\330\151\264\267\072\320\164\074\014\165\241\214\116\166\241\351  
\333\052\245\073\372\316\260\377\176\152\050\375\047\034\310\261  
\351\051\361\127\156\144\264\320\301\025\155\016\276\056\016\106  
\310\136\364\121\376\357\016\143\072\073\161\272\317\157\131\312  
\014\343\233\135\111\270\114\342\127\261\230\212\102\127\234\166  
\357\357\275\321\150\250\322\364\011\273\167\065\276\045\202\010  
\304\026\054\104\040\126\251\104\021\167\357\135\264\035\252\136  
\153\076\213\062\366\007\057\127\004\222\312\365\376\235\302\351  
\350\263\216\114\113\002\061\331\344\074\110\202\047\367\030\202

\166\110\072\161\261\023\241\071\325\056\305\064\302\035\142\205  
\337\003\376\115\364\257\075\337\134\133\215\372\160\341\245\176  
\047\307\206\056\152\217\022\306\204\136\103\121\120\234\031\233  
\170\346\374\366\355\107\176\173\075\146\357\023\023\210\137\074  
\241\143\373\371\254\207\065\237\363\202\236\244\077\012\234\061  
\151\213\231\244\210\112\216\156\146\115\357\026\304\017\171\050  
\041\140\015\205\026\175\327\124\070\361\222\126\375\265\063\114  
\203\334\327\020\237\113\375\306\370\102\275\272\174\163\002\340  
\377\175\315\133\341\324\254\141\173\127\325\112\173\133\324\205  
\130\047\135\277\370\053\140\254\240\046\256\024\041\047\306\167  
\232\063\200\074\136\106\077\367\303\261\243\206\063\306\350\136  
\015\271\065\054\252\106\301\205\002\165\200\240\353\044\373\025  
\252\344\147\177\156\167\077\364\004\212\057\174\173\343\027\141  
\360\335\011\251\040\310\276\011\244\320\176\104\303\262\060\112  
\070\252\251\354\030\232\007\202\053\333\270\234\030\255\332\340  
\106\027\254\317\135\002\003\001\000\001\243\143\060\141\060\035  
\006\003\125\035\016\004\026\004\024\331\376\041\100\156\224\236  
\274\233\075\234\175\230\040\031\345\214\060\142\262\060\037\006  
\003\125\035\043\004\030\060\026\200\024\331\376\041\100\156\224  
\236\274\233\075\234\175\230\040\031\345\214\060\142\262\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\002\001\000\236\105\236\014\073\266\357\341\072\310\174\321\000  
\075\317\342\352\006\265\262\072\273\006\113\150\172\320\043\227  
\164\247\054\360\010\330\171\132\327\132\204\212\330\022\232\033  
\331\175\134\115\160\305\245\371\253\345\243\211\211\335\001\372  
\354\335\371\351\222\227\333\260\106\102\363\323\142\252\225\376  
\061\147\024\151\130\220\012\252\013\356\067\043\307\120\121\264  
\365\176\236\343\173\367\344\314\102\062\055\111\014\313\377\111  
\014\233\036\064\375\156\156\226\212\171\003\266\157\333\011\313  
\375\137\145\024\067\341\070\365\363\141\026\130\344\265\155\015  
\013\004\033\077\120\055\177\263\307\172\032\026\200\140\370\212  
\037\351\033\052\306\371\272\001\032\151\277\322\130\307\124\127  
\010\217\341\071\140\167\113\254\131\204\032\210\361\335\313\117  
\170\327\347\341\063\055\374\356\101\372\040\260\276\313\367\070  
\224\300\341\320\205\017\273\355\054\163\253\355\376\222\166\032  
\144\177\133\015\063\011\007\063\173\006\077\021\244\134\160\074  
\205\300\317\343\220\250\203\167\372\333\346\305\214\150\147\020  
\147\245\122\055\360\304\231\217\177\277\321\153\342\265\107\326  
\331\320\205\231\115\224\233\017\113\215\356\000\132\107\035\021  
\003\254\101\030\257\207\267\157\014\072\217\312\317\334\003\301  
\242\011\310\345\375\200\136\310\140\102\001\033\032\123\132\273  
\067\246\267\274\272\204\351\036\154\032\324\144\332\324\103\376  
\223\213\113\362\054\171\026\020\324\223\013\210\217\241\330\206  
\024\106\221\107\233\050\044\357\127\122\116\134\102\234\252\367  
\111\354\047\350\100\036\263\246\211\042\162\234\365\015\063\264  
\130\243\060\073\335\324\152\124\223\276\032\115\363\223\224\367

```
\374\204\013\077\204\040\134\064\003\104\305\332\255\274\012\301
\002\317\036\345\224\331\363\216\133\330\114\360\235\354\141\027
\273\024\062\124\014\002\051\223\036\222\206\366\177\357\347\222
\005\016\131\335\231\010\056\056\372\234\000\122\323\305\146\051
\344\247\227\104\244\016\050\201\023\065\305\366\157\144\346\101
\304\325\057\314\064\105\045\317\101\000\226\075\112\056\302\226
\230\117\116\112\234\227\267\333\037\222\062\310\377\017\121\156
\326\354\011
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "TrustCor RootCert CA-2"
```

```
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
```

```
# Serial Number:25:a1:df:ca:33:cb:59:02
```

```
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de
R.L.,L=Panama City,ST=Panama,C=PA
```

```
# Not Valid Before: Thu Feb 04 12:32:23 2016
```

```
# Not Valid After : Sun Dec 31 17:26:39 2034
```

```
# Fingerprint (SHA-256):
```

```
07:53:E9:40:37:8C:1B:D5:E3:83:6E:39:5D:AE:A5:CB:83:9E:50:46:F1:BD:0E:AE:19:51:CF:10:FE:C7:C9:65
```

```
# Fingerprint (SHA1): B8:BE:6D:CB:56:F1:55:B9:63:D4:12:CA:4E:06:34:C7:94:B2:1C:C0
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "TrustCor RootCert CA-2"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\270\276\155\313\126\361\125\271\143\324\022\312\116\006\064\307
\224\262\034\300
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\242\341\370\030\013\272\105\325\307\101\052\273\067\122\105\144
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\201\244\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\062
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\045\241\337\312\063\313\131\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor ECA-1"
#
# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama
City,ST=Panama,C=PA
# Serial Number:00:84:82:2c:5f:1c:62:d0:40
# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama
City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:33 2016
# Not Valid After : Mon Dec 31 17:28:07 2029
# Fingerprint (SHA-256):
5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C
# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor ECA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060

```

\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014  
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\011\000\204\202\054\137\034\142\320\100

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\004\040\060\202\003\010\240\003\002\001\002\002\011\000  
\204\202\054\137\034\142\320\100\060\015\006\011\052\206\110\206  
\367\015\001\001\013\005\000\060\201\234\061\013\060\011\006\003  
\125\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010  
\014\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004  
\007\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044  
\060\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157  
\162\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040  
\122\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124  
\162\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143  
\141\164\145\040\101\165\164\150\157\162\151\164\171\061\027\060  
\025\006\003\125\004\003\014\016\124\162\165\163\164\103\157\162  
\040\105\103\101\055\061\060\036\027\015\061\066\060\062\060\064  
\061\062\063\062\063\063\132\027\015\062\071\061\062\063\061\061  
\067\062\070\060\067\132\060\201\234\061\013\060\011\006\003\125  
\004\006\023\002\120\101\061\017\060\015\006\003\125\004\010\014  
\006\120\141\156\141\155\141\061\024\060\022\006\003\125\004\007  
\014\013\120\141\156\141\155\141\040\103\151\164\171\061\044\060  
\042\006\003\125\004\012\014\033\124\162\165\163\164\103\157\162  
\040\123\171\163\164\145\155\163\040\123\056\040\144\145\040\122  
\056\114\056\061\047\060\045\006\003\125\004\013\014\036\124\162  
\165\163\164\103\157\162\040\103\145\162\164\151\146\151\143\141  
\164\145\040\101\165\164\150\157\162\151\164\171\061\027\060\025  
\006\003\125\004\003\014\016\124\162\165\163\164\103\157\162\040  
\105\103\101\055\061\060\202\001\042\060\015\006\011\052\206\110  
\206\367\015\001\001\001\005\000\003\202\001\017\000\060\202\001  
\012\002\202\001\001\000\317\217\340\021\265\237\250\166\166\333  
\337\017\124\357\163\143\051\202\255\107\306\243\153\355\376\137  
\063\370\103\121\351\032\063\221\061\027\240\164\304\324\247\001  
\346\262\222\076\152\235\355\016\371\164\230\100\323\077\003\200  
\006\202\100\350\261\342\247\121\247\035\203\046\153\253\336\372  
\027\221\053\330\306\254\036\261\236\031\001\325\227\246\352\015  
\267\304\125\037\047\174\322\010\325\166\037\051\025\207\100\071  
\335\070\105\021\165\320\232\247\064\340\277\315\310\122\035\271  
\107\176\015\270\273\306\014\366\163\127\026\132\176\103\221\037  
\125\072\306\155\104\004\252\234\251\234\247\114\211\027\203\256  
\243\004\136\122\200\213\036\022\045\021\031\327\014\175\175\061  
\104\101\352\333\257\260\034\357\201\320\054\305\232\041\233\075  
\355\102\073\120\046\362\354\316\161\141\006\142\041\124\116\177

\301\235\076\177\040\214\200\313\052\330\227\142\310\203\063\221  
\175\260\242\132\017\127\350\073\314\362\045\262\324\174\057\354  
\115\306\241\072\025\172\347\266\135\065\365\366\110\112\066\105  
\146\324\272\230\130\301\002\003\001\000\001\243\143\060\141\060  
\035\006\003\125\035\016\004\026\004\024\104\236\110\365\314\155  
\110\324\240\113\177\376\131\044\057\203\227\231\232\206\060\037  
\006\003\125\035\043\004\030\060\026\200\024\104\236\110\365\314  
\155\110\324\240\113\177\376\131\044\057\203\227\231\232\206\060  
\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377  
\060\016\006\003\125\035\017\001\001\377\004\004\003\002\001\206  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003  
\202\001\001\000\005\076\065\134\025\160\233\311\307\163\141\157  
\162\053\324\302\217\362\103\135\002\316\304\224\271\224\021\203  
\147\135\342\147\154\165\166\277\273\014\252\066\306\255\107\223  
\143\334\036\176\326\336\056\376\351\031\062\070\003\177\024\366  
\000\163\054\131\261\041\006\341\373\254\030\225\014\243\377\231  
\226\367\053\047\233\325\044\314\035\335\301\072\340\230\104\260  
\304\344\076\167\261\163\251\144\054\366\034\001\174\077\135\105  
\205\300\205\347\045\217\225\334\027\363\074\237\032\156\260\312  
\343\035\052\351\114\143\372\044\141\142\326\332\176\266\034\154  
\365\002\035\324\052\335\125\220\353\052\021\107\074\056\136\164  
\262\202\042\245\175\123\037\105\354\047\221\175\347\042\026\350  
\300\150\066\330\306\361\117\200\104\062\371\341\321\321\035\252  
\336\250\253\234\004\257\255\040\016\144\230\115\245\153\300\110  
\130\226\151\115\334\007\214\121\223\242\337\237\017\075\213\140  
\264\202\215\252\010\116\142\105\340\371\013\322\340\340\074\133  
\336\134\161\047\045\302\346\003\201\213\020\123\343\307\125\242  
\264\237\327\346

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "TrustCor ECA-1"

# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama  
City,ST=Panama,C=PA

# Serial Number:00:84:82:2c:5f:1c:62:d0:40

# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama  
City,ST=Panama,C=PA

# Not Valid Before: Thu Feb 04 12:32:33 2016

# Not Valid After : Mon Dec 31 17:28:07 2029

# Fingerprint (SHA-256):

5A:88:5D:B1:9C:01:D9:12:C5:75:93:88:93:8C:AF:BB:DF:03:1A:B2:D4:8E:91:EE:15:58:9B:42:97:1D:03:9C

# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "TrustCor ECA-1"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\130\321\337\225\225\147\153\143\300\360\133\034\027\115\213\204  
\013\310\170\275

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\047\222\043\035\012\365\100\174\351\346\153\235\330\365\347\154  
END

CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\234\061\013\060\011\006\003\125\004\006\023\002\120\101  
\061\017\060\015\006\003\125\004\010\014\006\120\141\156\141\155  
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141  
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012  
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145  
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060  
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162  
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164  
\150\157\162\151\164\171\061\027\060\025\006\003\125\004\003\014  
\016\124\162\165\163\164\103\157\162\040\105\103\101\055\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\011\000\204\202\054\137\034\142\320\100

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SSL.com Root Certification Authority RSA"

#

# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:7b:2c:9b:d3:16:80:32:99

# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 17:39:39 2016

# Not Valid After : Tue Feb 12 17:39:39 2041

# Fingerprint (SHA-256):

85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69

# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061

\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040  
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006  
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\040\122\123\101

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061  
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040  
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006  
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\040\122\123\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\173\054\233\323\026\200\062\231

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\335\060\202\003\305\240\003\002\001\002\002\010\173  
\054\233\323\026\200\062\231\060\015\006\011\052\206\110\206\367  
\015\001\001\013\005\000\060\174\061\013\060\011\006\003\125\004  
\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014\005  
\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014\007  
\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004\012  
\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151\157  
\156\061\061\060\057\006\003\125\004\003\014\050\123\123\114\056  
\143\157\155\040\122\157\157\164\040\103\145\162\164\151\146\151  
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\122\123\101\060\036\027\015\061\066\060\062\061\062\061\067  
\063\071\063\071\132\027\015\064\061\060\062\061\062\061\067\063  
\071\063\071\132\060\174\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145  
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157  
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017  
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061  
\061\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157  
\155\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122  
\123\101\060\202\002\042\060\015\006\011\052\206\110\206\367\015  
\001\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202  
\002\001\000\371\017\335\243\053\175\313\320\052\376\354\147\205  
\246\347\056\033\272\167\341\343\365\257\244\354\372\112\135\221  
\304\127\107\153\030\167\153\166\362\375\223\344\075\017\302\026  
\236\013\146\303\126\224\236\027\203\205\316\126\357\362\026\375



\000\142\365\042\011\124\350\145\027\116\101\271\340\117\106\227  
\252\033\310\270\156\142\136\151\261\137\333\052\002\176\374\154  
\312\363\101\330\355\320\350\374\077\141\110\355\260\003\024\035  
\020\016\113\031\340\273\116\354\206\145\377\066\363\136\147\002  
\013\235\206\125\141\375\172\070\355\376\342\031\000\267\157\241  
\120\142\165\164\074\240\372\310\045\222\264\156\172\042\307\370  
\036\241\343\262\335\221\061\253\053\035\004\377\245\112\004\067  
\351\205\244\063\053\375\342\326\125\064\174\031\244\112\150\307  
\262\250\323\267\312\241\223\210\353\301\227\274\214\371\035\331  
\042\204\044\164\307\004\075\152\251\051\223\314\353\270\133\341  
\376\137\045\252\064\130\310\301\043\124\235\033\230\021\303\070  
\234\176\075\206\154\245\017\100\206\174\002\364\134\002\117\050  
\313\256\161\237\017\072\310\063\376\021\045\065\352\374\272\305  
\140\075\331\174\030\325\262\251\323\165\170\003\162\042\312\072  
\303\037\357\054\345\056\251\372\236\054\266\121\106\375\257\003  
\326\352\140\150\352\205\026\066\153\205\351\036\300\263\335\304  
\044\334\200\052\201\101\155\224\076\310\340\311\201\101\000\236  
\136\277\177\305\010\230\242\030\054\102\100\263\371\157\070\047  
\113\116\200\364\075\201\107\340\210\174\352\034\316\265\165\134  
\121\056\034\053\177\032\162\050\347\000\265\321\164\306\327\344  
\237\255\007\223\266\123\065\065\374\067\344\303\366\135\026\276  
\041\163\336\222\012\370\240\143\152\274\226\222\152\076\370\274  
\145\125\233\336\365\015\211\046\004\374\045\032\246\045\151\313  
\302\155\312\174\342\131\137\227\254\353\357\056\310\274\327\033  
\131\074\053\314\362\031\310\223\153\047\143\031\317\374\351\046  
\370\312\161\233\177\223\376\064\147\204\116\231\353\374\263\170  
\011\063\160\272\146\246\166\355\033\163\353\032\245\015\304\042  
\023\040\224\126\012\116\054\154\116\261\375\317\234\011\272\242  
\063\355\207\002\003\001\000\001\243\143\060\141\060\035\006\003  
\125\035\016\004\026\004\024\335\004\011\007\242\365\172\175\122  
\123\022\222\225\356\070\200\045\015\246\131\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003  
\125\035\043\004\030\060\026\200\024\335\004\011\007\242\365\172  
\175\122\123\022\222\225\356\070\200\045\015\246\131\060\016\006  
\003\125\035\017\001\001\377\004\004\003\002\001\206\060\015\006  
\011\052\206\110\206\367\015\001\001\013\005\000\003\202\002\001  
\000\040\030\021\224\051\373\046\235\034\036\036\160\141\361\225  
\162\223\161\044\255\150\223\130\216\062\257\033\263\160\003\374  
\045\053\164\205\220\075\170\152\364\271\213\245\227\073\265\030  
\221\273\036\247\371\100\133\221\371\125\231\257\036\021\320\134  
\035\247\146\343\261\224\007\014\062\071\246\352\033\260\171\330  
\035\234\160\104\343\212\335\304\371\225\037\212\070\103\077\001  
\205\245\107\247\075\106\262\274\345\042\150\367\173\234\330\054  
\076\012\041\310\055\063\254\277\305\201\231\061\164\301\165\161  
\305\276\261\360\043\105\364\235\153\374\031\143\235\243\274\004  
\306\030\013\045\273\123\211\017\263\200\120\336\105\356\104\177  
\253\224\170\144\230\323\366\050\335\207\330\160\145\164\373\016  
\271\023\353\247\017\141\251\062\226\314\336\273\355\143\114\030

```
\273\251\100\367\240\124\156\040\210\161\165\030\352\172\264\064
\162\340\043\047\167\134\266\220\352\206\045\100\253\357\063\017
\313\237\202\276\242\040\373\366\265\055\032\346\302\205\261\164
\017\373\310\145\002\244\122\001\107\335\111\042\301\277\330\353
\153\254\176\336\354\143\063\025\267\043\010\217\306\017\215\101
\132\335\216\305\271\217\345\105\077\170\333\272\322\033\100\261
\376\161\115\077\340\201\242\272\136\264\354\025\340\223\335\010
\037\176\341\125\231\013\041\336\223\236\012\373\346\243\111\275
\066\060\376\347\167\262\240\165\227\265\055\201\210\027\145\040
\367\332\220\000\237\311\122\314\062\312\065\174\365\075\017\330
\053\327\365\046\154\311\006\064\226\026\352\160\131\032\062\171
\171\013\266\210\177\017\122\110\075\277\154\330\242\104\056\321
\116\267\162\130\323\211\023\225\376\104\253\370\327\213\033\156
\234\274\054\240\133\325\152\000\257\137\067\341\325\372\020\013
\230\234\206\347\046\217\316\360\354\156\212\127\013\200\343\116
\262\300\240\143\141\220\272\125\150\067\164\152\266\222\333\237
\241\206\042\266\145\047\016\354\266\237\102\140\344\147\302\265
\332\101\013\304\323\213\141\033\274\372\037\221\053\327\104\007
\136\272\051\254\331\305\351\357\123\110\132\353\200\361\050\130
\041\315\260\006\125\373\047\077\123\220\160\251\004\036\127\047
\271
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SSL.com Root Certification Authority RSA"
```

```
# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
```

```
# Serial Number:7b:2c:9b:d3:16:80:32:99
```

```
# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
```

```
# Not Valid Before: Fri Feb 12 17:39:39 2016
```

```
# Not Valid After : Tue Feb 12 17:39:39 2041
```

```
# Fingerprint (SHA-256):
```

```
85:66:6A:56:2E:E0:BE:5C:E9:25:C1:D8:89:0A:6F:76:A8:7E:C1:6D:4D:7D:5F:29:EA:74:19:CF:20:12:3B:69
```

```
# Fingerprint (SHA1): B7:AB:33:08:D1:EA:44:77:BA:14:80:12:5A:6F:BD:A9:36:49:0C:BB
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SSL.com Root Certification Authority RSA"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\267\253\063\010\321\352\104\167\272\024\200\022\132\157\275\251
\066\111\014\273
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\206\151\022\300\160\361\354\254\254\302\325\274\245\133\241\051
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\122\123\101
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\010\173\054\233\323\026\200\062\231
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "SSL.com Root Certification Authority ECC"

#

# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Serial Number:75:e6:df:cb:c1:68:5b:a8

# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US

# Not Valid Before: Fri Feb 12 18:14:03 2016

# Not Valid After : Tue Feb 12 18:14:03 2041

# Fingerprint (SHA-256):

34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65

# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "SSL.com Root Certification Authority ECC"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
```

\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157  
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040  
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006  
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157  
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156  
\040\101\165\164\150\157\162\151\164\171\040\105\103\103

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\010\165\346\337\313\301\150\133\250

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\215\060\202\002\024\240\003\002\001\002\002\010\165  
\346\337\313\301\150\133\250\060\012\006\010\052\206\110\316\075  
\004\003\002\060\174\061\013\060\011\006\003\125\004\006\023\002  
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170  
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165  
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123  
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\061  
\060\057\006\003\125\004\003\014\050\123\123\114\056\143\157\155  
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164  
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103  
\103\060\036\027\015\061\066\060\062\061\062\061\070\061\064\060\063  
\063\132\027\015\064\061\060\062\061\062\061\070\061\064\060\063  
\132\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163  
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164  
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114  
\040\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057  
\006\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\040\105\103\103\060  
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201  
\004\000\042\003\142\000\004\105\156\251\120\304\246\043\066\236  
\137\050\215\027\313\226\042\144\077\334\172\216\035\314\010\263  
\242\161\044\272\216\111\271\004\033\107\226\130\253\055\225\310  
\355\236\010\065\310\047\353\211\214\123\130\353\142\212\376\360  
\133\017\153\061\122\143\101\073\211\315\354\354\266\215\031\323  
\064\007\334\273\306\006\177\302\105\225\354\313\177\250\043\340  
\011\351\201\372\363\107\323\243\143\060\141\060\035\006\003\125  
\035\016\004\026\004\024\202\321\205\163\060\347\065\004\323\216  
\002\222\373\345\244\321\304\041\350\315\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\202\321\205\163\060\347\065\004  
\323\216\002\222\373\345\244\321\304\041\350\315\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\206\060\012\006\010  
\052\206\110\316\075\004\003\002\003\147\000\060\144\002\060\157  
\347\353\131\021\244\140\317\141\260\226\173\355\005\371\057\023  
\221\334\355\345\374\120\153\021\106\106\263\034\041\000\142\273

```
\276\303\347\350\315\007\231\371\015\013\135\162\076\304\252\002
\060\037\274\272\013\342\060\044\373\174\155\200\125\012\231\076
\200\015\063\345\146\243\263\243\273\245\325\213\217\011\054\246
\135\176\342\360\007\010\150\155\322\174\151\156\137\337\345\152
\145
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "SSL.com Root Certification Authority ECC"
```

```
# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
```

```
# Serial Number:75:e6:df:cb:c1:68:5b:a8
```

```
# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
```

```
# Not Valid Before: Fri Feb 12 18:14:03 2016
```

```
# Not Valid After : Tue Feb 12 18:14:03 2041
```

```
# Fingerprint (SHA-256):
```

```
34:17:BB:06:CC:60:07:DA:1B:96:1C:92:0B:8A:B4:CE:3F:AD:82:0E:4A:A3:0B:9A:CB:C4:A7:4E:BD:CE:BC:65
```

```
# Fingerprint (SHA1): C3:19:7C:39:24:E6:54:AF:1B:C4:AB:20:95:7A:E2:C3:0E:13:02:6A
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\303\031\174\071\044\346\124\257\033\304\253\040\225\172\342\303
\016\023\002\152
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\056\332\344\071\177\234\217\067\321\160\237\046\027\121\072\216
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\174\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\010\165\346\337\313\301\150\133\250
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

#
# Certificate "SSL.com EV Root Certification Authority RSA R2"
#
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL
Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C
# Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122
\123\101\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\126\266\051\315\064\274\170\366
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\353\060\202\003\323\240\003\002\001\002\002\010\126
\266\051\315\064\274\170\366\060\015\006\011\052\206\110\206\367

```

\015\001\001\013\005\000\060\201\202\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\016\060\014\006\003\125\004\010\014  
\005\124\145\170\141\163\061\020\060\016\006\003\125\004\007\014  
\007\110\157\165\163\164\157\156\061\030\060\026\006\003\125\004  
\012\014\017\123\123\114\040\103\157\162\160\157\162\141\164\151  
\157\156\061\067\060\065\006\003\125\004\003\014\056\123\123\114  
\056\143\157\155\040\105\126\040\122\157\157\164\040\103\145\162  
\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157  
\162\151\164\171\040\122\123\101\040\122\062\060\036\027\015\061  
\067\060\065\063\061\061\070\061\064\063\067\132\027\015\064\062  
\060\065\063\060\061\070\061\064\063\067\132\060\201\202\061\013  
\060\011\006\003\125\004\006\023\002\125\123\061\016\060\014\006  
\003\125\004\010\014\005\124\145\170\141\163\061\020\060\016\006  
\003\125\004\007\014\007\110\157\165\163\164\157\156\061\030\060  
\026\006\003\125\004\012\014\017\123\123\114\040\103\157\162\160  
\157\162\141\164\151\157\156\061\067\060\065\006\003\125\004\003  
\014\056\123\123\114\056\143\157\155\040\105\126\040\122\157\157  
\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040  
\101\165\164\150\157\162\151\164\171\040\122\123\101\040\122\062  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\217\066\145\100\341\326\115\300\327\264\351\106\332\153\352  
\063\107\315\114\371\175\175\276\275\055\075\360\333\170\341\206  
\245\331\272\011\127\150\355\127\076\240\320\010\101\203\347\050  
\101\044\037\343\162\025\320\001\032\373\136\160\043\262\313\237  
\071\343\317\305\116\306\222\155\046\306\173\273\263\332\047\235  
\012\206\351\201\067\005\376\360\161\161\354\303\034\351\143\242  
\027\024\235\357\033\147\323\205\125\002\002\326\111\311\314\132  
\341\261\367\157\062\237\311\324\073\210\101\250\234\275\313\253  
\333\155\173\011\037\242\114\162\220\332\053\010\374\317\074\124  
\316\147\017\250\317\135\226\031\013\304\343\162\353\255\321\175  
\035\047\357\222\353\020\277\133\353\073\257\317\200\335\301\322  
\226\004\133\172\176\244\251\074\070\166\244\142\216\240\071\136  
\352\167\317\135\000\131\217\146\054\076\007\242\243\005\046\021  
\151\227\352\205\267\017\226\013\113\310\100\341\120\272\056\212  
\313\367\017\232\042\347\177\232\067\023\315\362\115\023\153\041  
\321\300\314\042\362\241\106\366\104\151\234\312\141\065\007\000  
\157\326\141\010\021\352\272\270\366\351\263\140\345\115\271\354  
\237\024\146\311\127\130\333\315\207\151\370\212\206\022\003\107  
\277\146\023\166\254\167\175\064\044\205\203\315\327\252\234\220  
\032\237\041\054\177\170\267\144\270\330\350\246\364\170\263\125  
\313\204\322\062\304\170\256\243\217\141\335\316\010\123\255\354  
\210\374\025\344\232\015\346\237\032\167\316\114\217\270\024\025  
\075\142\234\206\070\006\000\146\022\344\131\166\132\123\300\002  
\230\242\020\053\150\104\173\216\171\316\063\112\166\252\133\201  
\026\033\265\212\330\320\000\173\136\142\264\011\326\206\143\016  
\246\005\225\111\272\050\213\210\223\262\064\034\330\244\125\156  
\267\034\320\336\231\125\073\043\364\042\340\371\051\146\046\354

\040\120\167\333\112\013\217\276\345\002\140\160\101\136\324\256  
\120\071\042\024\046\313\262\073\163\164\125\107\007\171\201\071  
\250\060\023\104\345\004\212\256\226\023\045\102\017\271\123\304  
\233\374\315\344\034\336\074\372\253\326\006\112\037\147\246\230  
\060\034\335\054\333\334\030\225\127\146\306\377\134\213\126\365  
\167\002\003\001\000\001\243\143\060\141\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\037\006\003\125  
\035\043\004\030\060\026\200\024\371\140\273\324\343\325\064\366  
\270\365\006\200\045\247\163\333\106\151\250\236\060\035\006\003  
\125\035\016\004\026\004\024\371\140\273\324\343\325\064\366\270  
\365\006\200\045\247\163\333\106\151\250\236\060\016\006\003\125  
\035\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\126  
\263\216\313\012\235\111\216\277\244\304\221\273\146\027\005\121  
\230\165\373\345\120\054\172\236\361\024\372\253\323\212\076\377  
\221\051\217\143\213\330\264\251\124\001\015\276\223\206\057\371  
\112\155\307\136\365\127\371\312\125\034\022\276\107\017\066\305  
\337\152\267\333\165\302\107\045\177\271\361\143\370\150\055\125  
\004\321\362\215\260\244\317\274\074\136\037\170\347\245\240\040  
\160\260\004\305\267\367\162\247\336\042\015\275\063\045\106\214  
\144\222\046\343\076\056\143\226\332\233\214\075\370\030\011\327  
\003\314\175\206\202\340\312\004\007\121\120\327\377\222\325\014  
\357\332\206\237\231\327\353\267\257\150\342\071\046\224\272\150  
\267\277\203\323\352\172\147\075\142\147\256\045\345\162\350\342  
\344\354\256\022\366\113\053\074\237\351\260\100\363\070\124\263  
\375\267\150\310\332\306\217\121\074\262\373\221\334\034\347\233  
\235\341\267\015\162\217\342\244\304\251\170\371\353\024\254\306  
\103\005\302\145\071\050\030\002\303\202\262\235\005\276\145\355  
\226\137\145\164\074\373\011\065\056\173\234\023\375\033\017\135  
\307\155\201\072\126\017\314\073\341\257\002\057\042\254\106\312  
\106\074\240\034\114\326\104\264\136\056\134\025\146\011\341\046  
\051\376\306\122\141\272\261\163\377\303\014\234\345\154\152\224  
\077\024\312\100\026\225\204\363\131\251\254\137\114\141\223\155  
\321\073\314\242\225\014\042\246\147\147\104\056\271\331\322\212  
\101\263\146\013\132\373\175\043\245\362\032\260\377\336\233\203  
\224\056\321\077\337\222\267\221\257\005\073\145\307\240\154\261  
\315\142\022\303\220\033\343\045\316\064\274\157\167\166\261\020  
\303\367\005\032\300\326\257\164\142\110\027\167\222\151\220\141  
\034\336\225\200\164\124\217\030\034\303\363\003\320\277\244\103  
\165\206\123\030\172\012\056\011\034\066\237\221\375\202\212\042  
\113\321\016\120\045\335\313\003\014\027\311\203\000\010\116\065  
\115\212\213\355\360\002\224\146\054\104\177\313\225\047\226\027  
\255\011\060\254\266\161\027\156\213\027\366\034\011\324\055\073  
\230\245\161\323\124\023\331\140\363\365\113\146\117\372\361\356  
\040\022\215\264\254\127\261\105\143\241\254\166\251\302\373

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE



CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SSL.com EV Root Certification Authority RSA R2"  
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US  
# Serial Number:56:b6:29:cd:34:bc:78:f6  
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US  
# Not Valid Before: Wed May 31 18:14:37 2017  
# Not Valid After : Fri May 30 18:14:37 2042  
# Fingerprint (SHA-256):  
2E:7B:F1:6C:C2:24:85:A7:BB:E2:AA:86:96:75:07:61:B0:AE:39:BE:3B:2F:E9:D0:CC:6D:4E:F7:34:91:42:5C  
# Fingerprint (SHA1): 74:3A:F0:52:9B:D0:32:A0:F4:4A:83:CD:D4:BA:A9:7B:7C:2E:C4:9A

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST  
CKA\_TOKEN CK\_BBOOL CK\_TRUE  
CKA\_PRIVATE CK\_BBOOL CK\_FALSE  
CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE  
CKA\_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"  
CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL  
\164\072\360\122\233\320\062\240\364\112\203\315\324\272\251\173  
\174\056\304\232  
END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL  
\341\036\061\130\032\256\124\123\002\366\027\152\021\173\115\225  
END

CKA\_ISSUER MULTILINE\_OCTAL  
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163  
\061\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164  
\157\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114  
\040\103\157\162\160\157\162\141\164\151\157\156\061\067\060\065  
\006\003\125\004\003\014\056\123\123\114\056\143\157\155\040\105  
\126\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141  
\164\151\157\156\040\101\165\164\150\157\162\151\164\171\040\122  
\123\101\040\122\062  
END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\010\126\266\051\315\064\274\170\366  
END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#  
# Certificate "SSL.com EV Root Certification Authority ECC"  
#  
# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US  
# Serial Number:2c:29:9c:5b:16:ed:05:95

```
# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:15:23 2016
# Not Valid After : Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8
# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\224\060\202\002\032\240\003\002\001\002\002\010\054
\051\234\133\026\355\005\225\060\012\006\010\052\206\110\316\075
\004\003\002\060\177\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145\170
\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157\165
\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017\123
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\064
\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157\155
\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146\151
```

\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171  
\040\105\103\103\060\036\027\015\061\066\060\062\061\062\061\070  
\061\065\062\063\132\027\015\064\061\060\062\061\062\061\070\061  
\065\062\063\132\060\177\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\016\060\014\006\003\125\004\010\014\005\124\145  
\170\141\163\061\020\060\016\006\003\125\004\007\014\007\110\157  
\165\163\164\157\156\061\030\060\026\006\003\125\004\012\014\017  
\123\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061  
\064\060\062\006\003\125\004\003\014\053\123\123\114\056\143\157  
\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146  
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164  
\171\040\105\103\103\060\166\060\020\006\007\052\206\110\316\075  
\002\001\006\005\053\201\004\000\042\003\142\000\004\252\022\107  
\220\230\033\373\357\303\100\007\203\040\116\361\060\202\242\006  
\321\362\222\206\141\362\366\041\150\312\000\304\307\352\103\000  
\124\206\334\375\037\337\000\270\101\142\134\334\160\026\062\336  
\037\231\324\314\305\007\310\010\037\141\026\007\121\075\175\134  
\007\123\343\065\070\214\337\315\237\331\056\015\112\266\031\056  
\132\160\132\006\355\276\360\241\260\312\320\011\051\243\143\060  
\141\060\035\006\003\125\035\016\004\026\004\024\133\312\136\345  
\336\322\201\252\315\250\055\144\121\266\331\162\233\227\346\117  
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\001  
\377\060\037\006\003\125\035\043\004\030\060\026\200\024\133\312  
\136\345\336\322\201\252\315\250\055\144\121\266\331\162\233\227  
\346\117\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\206\060\012\006\010\052\206\110\316\075\004\003\002\003\150  
\000\060\145\002\061\000\212\346\100\211\067\353\351\325\023\331  
\312\324\153\044\363\260\075\207\106\130\032\354\261\337\157\373  
\126\272\160\153\307\070\314\350\261\214\117\017\367\361\147\166  
\016\203\320\036\121\217\002\060\075\366\043\050\046\114\306\140  
\207\223\046\233\262\065\036\272\326\367\074\321\034\316\372\045  
\074\246\032\201\025\133\363\022\017\154\356\145\212\311\207\250  
\371\007\340\142\232\214\134\112

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "SSL.com EV Root Certification Authority ECC"  
# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US  
# Serial Number:2c:29:9c:5b:16:ed:05:95  
# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US  
# Not Valid Before: Fri Feb 12 18:15:23 2016  
# Not Valid After : Tue Feb 12 18:15:23 2041  
# Fingerprint (SHA-256):  
22:A2:C1:F7:BD:ED:70:4C:C1:E7:01:B5:F4:08:C3:10:88:0F:E9:56:B5:DE:2A:4A:44:F9:9C:87:3A:25:A7:C8  
# Fingerprint (SHA1): 4C:DD:51:A3:D1:F5:20:32:14:B0:C6:C5:32:23:03:91:C7:46:42:6D  
CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

```

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\114\335\121\243\321\365\040\062\024\260\306\305\062\043\003\221
\307\106\102\155
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\131\123\042\145\203\102\001\124\300\316\102\271\132\174\362\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GlobalSign Root CA - R6"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Not Valid Before: Wed Dec 10 00:00:00 2014
# Not Valid After : Sun Dec 10 00:00:00 2034
# Fingerprint (SHA-256):
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

```

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157  
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040  
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107  
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125  
\004\003\023\012\107\154\157\142\141\154\123\151\147\156

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\203\060\202\003\153\240\003\002\001\002\002\016\105  
\346\273\003\203\063\303\205\145\110\346\377\105\121\060\015\006  
\011\052\206\110\206\367\015\001\001\014\005\000\060\114\061\040  
\060\036\006\003\125\004\013\023\027\107\154\157\142\141\154\123  
\151\147\156\040\122\157\157\164\040\103\101\040\055\040\122\066  
\061\023\060\021\006\003\125\004\012\023\012\107\154\157\142\141  
\154\123\151\147\156\061\023\060\021\006\003\125\004\003\023\012  
\107\154\157\142\141\154\123\151\147\156\060\036\027\015\061\064  
\061\062\061\060\060\060\060\060\060\060\132\027\015\063\064\061  
\062\061\060\060\060\060\060\060\060\132\060\114\061\040\060\036  
\006\003\125\004\013\023\027\107\154\157\142\141\154\123\151\147  
\156\040\122\157\157\164\040\103\101\040\055\040\122\066\061\023  
\060\021\006\003\125\004\012\023\012\107\154\157\142\141\154\123  
\151\147\156\061\023\060\021\006\003\125\004\003\023\012\107\154  
\157\142\141\154\123\151\147\156\060\202\002\042\060\015\006\011  
\052\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000  
\060\202\002\012\002\202\002\001\000\225\007\350\163\312\146\371  
\354\024\312\173\074\367\015\010\361\264\105\013\054\202\264\110  
\306\353\133\074\256\203\270\101\222\063\024\244\157\177\351\052  
\314\306\260\210\153\305\266\211\321\306\262\377\024\316\121\024  
\041\354\112\335\033\132\306\326\207\356\115\072\025\006\355\144  
\146\013\222\200\312\104\336\163\224\116\363\247\211\177\117\170  
\143\010\310\022\120\155\102\146\057\115\271\171\050\115\122\032  
\212\032\200\267\031\201\016\176\304\212\274\144\114\041\034\103  
\150\327\075\074\212\305\262\146\325\220\232\267\061\006\305\276  
\342\155\062\006\246\036\371\271\353\252\243\270\277\276\202\143  
\120\320\360\030\211\337\344\017\171\365\352\242\037\052\322\160  
\056\173\347\274\223\273\155\123\342\110\174\214\020\007\070\377  
\146\262\167\141\176\340\352\214\074\252\264\244\366\363\225\112  
\022\007\155\375\214\262\211\317\320\240\141\167\310\130\164\260

\324\043\072\367\135\072\312\242\333\235\011\336\135\104\055\220  
\361\201\315\127\222\372\176\274\120\004\143\064\337\153\223\030  
\276\153\066\262\071\344\254\044\066\267\360\357\266\034\023\127  
\223\266\336\262\370\342\205\267\163\242\270\065\252\105\362\340  
\235\066\241\157\124\212\361\162\126\156\056\210\305\121\102\104  
\025\224\356\243\305\070\226\233\116\116\132\013\107\363\006\066  
\111\167\060\274\161\067\345\246\354\041\010\165\374\346\141\026  
\077\167\325\331\221\227\204\012\154\324\002\115\164\300\024\355  
\375\071\373\203\362\136\024\241\004\260\013\351\376\356\217\341  
\156\013\262\010\263\141\146\011\152\261\006\072\145\226\131\300  
\360\065\375\311\332\050\215\032\021\207\160\201\012\250\232\165  
\035\236\072\206\005\000\236\333\200\326\045\371\334\005\236\047  
\131\114\166\071\133\352\371\245\241\330\203\017\321\377\337\060  
\021\371\205\317\063\110\365\312\155\144\024\054\172\130\117\323  
\113\010\111\305\225\144\032\143\016\171\075\365\263\214\312\130  
\255\234\102\105\171\156\016\207\031\134\124\261\145\266\277\214  
\233\334\023\351\015\157\270\056\334\147\156\311\213\021\265\204  
\024\212\000\031\160\203\171\221\227\221\324\032\047\277\067\036  
\062\007\330\024\143\074\050\114\257\002\003\001\000\001\243\143  
\060\141\060\016\006\003\125\035\017\001\001\377\004\004\003\002  
\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060\003  
\001\001\377\060\035\006\003\125\035\016\004\026\004\024\256\154  
\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310\147  
\123\240\060\037\006\003\125\035\043\004\030\060\026\200\024\256  
\154\005\243\223\023\342\242\347\342\327\034\326\307\360\177\310  
\147\123\240\060\015\006\011\052\206\110\206\367\015\001\001\014  
\005\000\003\202\002\001\000\203\045\355\350\321\375\225\122\315  
\236\300\004\240\221\151\346\134\320\204\336\334\255\242\117\350  
\107\170\326\145\230\251\133\250\074\207\174\002\212\321\156\267  
\026\163\346\137\300\124\230\325\164\276\301\315\342\021\221\255  
\043\030\075\335\341\162\104\226\264\225\136\300\173\216\231\170  
\026\103\023\126\127\263\242\263\073\265\167\334\100\162\254\243  
\353\233\065\076\261\010\041\241\347\304\103\067\171\062\276\265  
\347\234\054\114\274\103\051\231\216\060\323\254\041\340\343\035  
\372\330\007\063\166\124\000\042\052\271\115\040\056\160\150\332  
\345\123\374\203\134\323\235\362\377\104\014\104\146\362\322\343  
\275\106\000\032\155\002\272\045\135\215\241\061\121\335\124\106  
\034\115\333\231\226\357\032\034\004\134\246\025\357\170\340\171  
\376\135\333\076\252\114\125\375\232\025\251\157\341\246\373\337  
\160\060\351\303\356\102\106\355\302\223\005\211\372\175\143\173  
\077\320\161\201\174\000\350\230\256\016\170\064\303\045\373\257  
\012\237\040\153\335\073\023\217\022\214\342\101\032\110\172\163  
\240\167\151\307\266\134\177\202\310\036\376\130\033\050\053\250  
\154\255\136\155\300\005\322\173\267\353\200\376\045\067\376\002  
\233\150\254\102\135\303\356\365\314\334\360\120\165\322\066\151  
\234\346\173\004\337\156\006\151\266\336\012\011\110\131\207\353  
\173\024\140\172\144\252\151\103\357\221\307\114\354\030\335\154  
\357\123\055\214\231\341\136\362\162\076\317\124\310\275\147\354

```
\244\017\114\105\377\323\271\060\043\007\114\217\020\277\206\226
\331\231\132\264\231\127\034\244\314\273\025\211\123\272\054\005
\017\344\304\236\031\261\030\064\325\114\235\272\355\367\037\257
\044\225\004\170\250\003\273\356\201\345\332\137\174\213\112\241
\220\164\045\247\263\076\113\310\054\126\275\307\310\357\070\342
\134\222\360\171\367\234\204\272\164\055\141\001\040\176\176\321
\362\117\007\131\137\213\055\103\122\353\106\014\224\341\365\146
\107\171\167\325\124\133\037\255\044\067\313\105\132\116\240\104
\110\310\330\260\231\305\025\204\011\366\326\111\111\300\145\270
\346\032\161\156\240\250\361\202\350\105\076\154\326\002\327\012
\147\203\005\132\311\244\020
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GlobalSign Root CA - R6"
```

```
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
```

```
# Serial Number:45:e6:bb:03:83:33:c3:85:65:48:e6:ff:45:51
```

```
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
```

```
# Not Valid Before: Wed Dec 10 00:00:00 2014
```

```
# Not Valid After : Sun Dec 10 00:00:00 2034
```

```
# Fingerprint (SHA-256):
```

```
2C:AB:EA:FE:37:D0:6C:A2:2A:BA:73:91:C0:03:3D:25:98:29:52:C4:53:64:73:49:76:3A:3A:B5:AD:6C:CF:69
```

```
# Fingerprint (SHA1): 80:94:64:0E:B5:A7:A1:CA:11:9C:1F:DD:D5:9F:81:02:63:A7:FB:D1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GlobalSign Root CA - R6"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\200\224\144\016\265\247\241\312\021\234\037\335\325\237\201\002
\143\247\373\321
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\117\335\007\344\324\042\144\071\036\014\067\102\352\321\306\256
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\103\101\040
\055\040\122\066\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\061\023\060\021\006\003\125
\004\003\023\012\107\154\157\142\141\154\123\151\147\156
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\016\105\346\273\003\203\063\303\205\145\110\346\377\105\121
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```

CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "OISTE WISeKey Global Root GC CA"
#
# Issuer: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea
# Subject: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Tue May 09 09:48:34 2017
# Not Valid After : Fri May 09 09:58:33 2042
# Fingerprint (SHA-256):
85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D
# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\352
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\151\060\202\001\357\240\003\002\001\002\002\020\041
\052\126\014\256\332\014\253\100\105\277\053\242\055\072\352\060
\012\006\010\052\206\110\316\075\004\003\003\060\155\061\013\060

```



\011\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003  
\125\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040  
\006\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165  
\156\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144  
\061\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105  
\040\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040  
\122\157\157\164\040\107\103\040\103\101\060\036\027\015\061\067  
\060\065\060\071\060\071\064\070\063\064\132\027\015\064\062\060  
\065\060\071\060\071\065\070\063\063\132\060\155\061\013\060\011  
\006\003\125\004\006\023\002\103\110\061\020\060\016\006\003\125  
\004\012\023\007\127\111\123\145\113\145\171\061\042\060\040\006  
\003\125\004\013\023\031\117\111\123\124\105\040\106\157\165\156  
\144\141\164\151\157\156\040\105\156\144\157\162\163\145\144\061  
\050\060\046\006\003\125\004\003\023\037\117\111\123\124\105\040  
\127\111\123\145\113\145\171\040\107\154\157\142\141\154\040\122  
\157\157\164\040\107\103\040\103\101\060\166\060\020\006\007\052  
\206\110\316\075\002\001\006\005\053\201\004\000\042\003\142\000  
\004\114\351\120\300\306\017\162\030\274\330\361\272\263\211\342  
\171\112\243\026\247\153\124\044\333\121\377\352\364\011\044\303  
\013\042\237\313\152\047\202\201\015\322\300\257\061\344\164\202  
\156\312\045\331\214\165\235\361\333\320\232\242\113\041\176\026  
\247\143\220\322\071\324\261\207\170\137\030\226\017\120\033\065  
\067\017\152\306\334\331\023\115\244\216\220\067\346\275\133\061  
\221\243\124\060\122\060\016\006\003\125\035\017\001\001\377\004  
\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026\004  
\024\110\207\024\254\343\303\236\220\140\072\327\312\211\356\323  
\255\214\264\120\146\060\020\006\011\053\006\001\004\001\202\067  
\025\001\004\003\002\001\000\060\012\006\010\052\206\110\316\075  
\004\003\003\003\150\000\060\145\002\060\046\307\151\133\334\325  
\347\262\347\310\014\214\214\303\335\171\214\033\143\325\311\122  
\224\116\115\202\112\163\036\262\200\204\251\045\300\114\132\155  
\111\051\140\170\023\342\176\110\353\144\002\061\000\333\064\040  
\062\010\377\232\111\002\266\210\336\024\257\135\154\231\161\215  
\032\077\213\327\340\242\066\206\034\007\202\072\166\123\375\302  
\242\355\357\173\260\200\117\130\017\113\123\071\275

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "OISTE WISEKey Global Root GC CA"

# Issuer: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:a2:2d:3a:ea

# Subject: CN=OISTE WISEKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISEKey,C=CH

# Not Valid Before: Tue May 09 09:48:34 2017

# Not Valid After : Fri May 09 09:58:33 2042

# Fingerprint (SHA-256):

```

85:60:F9:1C:36:24:DA:BA:95:70:B5:FE:A0:DB:E3:6F:F1:1A:83:23:BE:94:86:85:4F:B3:F3:4A:55:71:19:8D
# Fingerprint (SHA1): E0:11:84:5E:34:DE:BE:88:81:B9:9C:F6:16:26:D1:96:1F:C3:B9:31
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\340\021\204\136\064\336\276\210\201\271\234\366\026\046\321\226
\037\303\271\061
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\251\326\271\055\057\223\144\370\245\151\312\221\351\150\007\043
END
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\011\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\040\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\050\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\352
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R1"
#
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Serial Number:6e:47:a9:c5:4b:47:0c:0d:ec:33:d0:89:b9:1c:f4:e1
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
2A:57:54:71:E3:13:40:BC:21:58:1C:BD:2C:F1:3E:15:84:63:20:3E:CE:94:BC:F9:D3:CC:19:6B:F0:9A:54:72
# Fingerprint (SHA1): E1:C9:50:E6:EF:22:F8:4C:56:45:72:8B:92:20:60:D7:D5:A7:A3:E8
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R1"

```

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145  
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\061

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145  
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\061

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\156\107\251\305\113\107\014\015\354\063\320\211\271\034  
\364\341

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\156  
\107\251\305\113\107\014\015\354\063\320\211\271\034\364\341\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\107  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\042\060  
\040\006\003\125\004\012\023\031\107\157\157\147\154\145\040\124  
\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114  
\103\061\024\060\022\006\003\125\004\003\023\013\107\124\123\040  
\122\157\157\164\040\122\061\060\036\027\015\061\066\060\066\062  
\062\060\060\060\060\060\060\132\027\015\063\066\060\066\062\062  
\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023  
\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123\145  
\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006\003  
\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122\061  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\266\021\002\213\036\343\241\167\233\073\334\277\224\076\267  
\225\247\100\074\241\375\202\371\175\062\006\202\161\366\366\214  
\177\373\350\333\274\152\056\227\227\243\214\113\371\053\366\261  
\371\316\204\035\261\371\305\227\336\357\271\362\243\351\274\022  
\211\136\247\252\122\253\370\043\047\313\244\261\234\143\333\327  
\231\176\360\012\136\353\150\246\364\306\132\107\015\115\020\063  
\343\116\261\023\243\310\030\154\113\354\374\011\220\337\235\144  
\051\045\043\007\241\264\322\075\056\140\340\317\322\011\207\273  
\315\110\360\115\302\302\172\210\212\273\272\317\131\031\326\257  
\217\260\007\260\236\061\361\202\301\300\337\056\246\155\154\031  
\016\265\330\176\046\032\105\003\075\260\171\244\224\050\255\017

|177\046\345\250\010\376\226\350\074\150\224\123\356\203\072\210  
|053\025\226\011\262\340\172\214\056\165\326\234\353\247\126\144  
|217\226\117\150\256\075\227\302\204\217\300\274\100\300\013\134  
|275\366\207\263\065\154\254\030\120\177\204\340\114\315\222\323  
|040\351\063\274\122\231\257\062\265\051\263\045\052\264\110\371  
|162\341\312\144\367\346\202\020\215\350\235\302\212\210\372\070  
|146\212\374\143\371\001\371\170\375\173\134\167\372\166\207\372  
|354\337\261\016\171\225\127\264\275\046\357\326\001\321\353\026  
|012\273\216\013\265\305\305\212\125\253\323\254\352\221\113\051  
|314\031\244\062\045\116\052\361\145\104\320\002\316\252\316\111  
|264\352\237\174\203\260\100\173\347\103\253\247\154\243\217\175  
|211\201\372\114\245\377\325\216\303\316\113\340\265\330\263\216  
|105\317\166\300\355\100\053\375\123\017\260\247\325\073\015\261  
|212\242\003\336\061\255\314\167\352\157\173\076\326\337\221\042  
|022\346\276\372\330\062\374\020\143\024\121\162\336\135\326\026  
|223\275\051\150\063\357\072\146\354\007\212\046\337\023\327\127  
|145\170\047\336\136\111\024\000\242\000\177\232\250\041\266\251  
|261\225\260\245\271\015\026\021\332\307\154\110\074\100\340\176  
|015\132\315\126\074\321\227\005\271\313\113\355\071\113\234\304  
|077\322\125\023\156\044\260\326\161\372\364\301\272\314\355\033  
|365\376\201\101\330\000\230\075\072\310\256\172\230\067\030\005  
|225\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
|017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
|023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
|035\016\004\026\004\024\344\257\053\046\161\032\053\110\047\205  
|057\122\146\054\357\360\211\023\161\076\060\015\006\011\052\206  
|110\206\367\015\001\001\014\005\000\003\202\002\001\000\070\226  
|012\356\075\264\226\036\137\357\235\234\013\063\237\053\340\312  
|375\322\216\012\037\101\164\245\174\252\204\324\345\362\036\346  
|067\122\062\234\013\321\141\035\277\050\301\266\104\051\065\165  
|167\230\262\174\331\275\164\254\212\150\343\251\061\011\051\001  
|140\163\343\107\174\123\250\220\112\047\357\113\327\237\223\347  
|202\066\316\232\150\014\202\347\317\324\020\026\157\137\016\231  
|134\366\037\161\175\357\357\173\057\176\352\066\326\227\160\013  
|025\356\327\134\126\152\063\245\343\111\070\014\270\175\373\215  
|205\244\261\131\136\364\152\341\335\241\366\144\104\256\346\121  
|203\041\146\306\021\076\363\316\107\356\234\050\037\045\332\377  
|254\146\225\335\065\017\134\357\040\054\142\375\221\272\251\314  
|374\132\234\223\201\203\051\227\112\174\132\162\264\071\320\267  
|167\313\171\375\151\072\222\067\355\156\070\145\106\176\351\140  
|275\171\210\227\137\070\022\364\356\257\133\202\310\206\325\341  
|231\155\214\004\362\166\272\111\366\156\351\155\036\137\240\357  
|047\202\166\100\370\246\323\130\134\017\054\102\332\102\306\173  
|210\064\307\301\330\105\233\301\076\305\141\035\331\143\120\111  
|366\064\205\152\340\030\305\156\107\253\101\102\051\233\366\140  
|015\322\061\323\143\230\043\223\132\000\201\110\264\357\315\212  
|315\311\317\231\356\331\236\252\066\341\150\113\161\111\024\066  
|050\072\075\035\316\232\217\045\346\200\161\141\053\265\173\314

```
\371\045\026\201\341\061\137\241\243\176\026\244\234\026\152\227
\030\275\166\162\245\013\236\035\066\346\057\241\057\276\160\221
\017\250\346\332\370\304\222\100\154\045\176\173\263\011\334\262
\027\255\200\104\360\150\245\217\224\165\377\164\132\350\250\002
\174\014\011\342\251\113\013\240\205\013\142\271\357\241\061\222
\373\357\366\121\004\211\154\350\251\164\241\273\027\263\265\375
\111\017\174\074\354\203\030\040\103\116\325\223\272\264\064\261
\037\026\066\037\014\346\144\071\026\114\334\340\376\035\310\251
\142\075\100\352\312\305\064\002\264\256\211\210\063\065\334\054
\023\163\330\047\361\320\162\356\165\073\042\336\230\150\146\133
\361\306\143\107\125\034\272\245\010\121\165\246\110\045
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "GTS Root R1"
```

```
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
```

```
# Serial Number:6e:47:a9:c5:4b:47:0c:0d:ec:33:d0:89:b9:1c:f4:e1
```

```
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
```

```
# Not Valid Before: Wed Jun 22 00:00:00 2016
```

```
# Not Valid After : Sun Jun 22 00:00:00 2036
```

```
# Fingerprint (SHA-256):
```

```
2A:57:54:71:E3:13:40:BC:21:58:1C:BD:2C:F1:3E:15:84:63:20:3E:CE:94:BC:F9:D3:CC:19:6B:F0:9A:54:72
```

```
# Fingerprint (SHA1): E1:C9:50:E6:EF:22:F8:4C:56:45:72:8B:92:20:60:D7:D5:A7:A3:E8
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GTS Root R1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\341\311\120\346\357\042\370\114\126\105\162\213\222\040\140\327
\325\247\243\350
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\202\032\357\324\322\112\362\237\342\075\227\006\024\160\162\205
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\156\107\251\305\113\107\014\015\354\063\320\211\271\034
\364\341
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR  
CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST  
CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "GTS Root R2"

#

# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US

# Serial Number:6e:47:a9:c6:5a:b3:e7:20:c5:30:9a:3f:68:52:f2:6f

# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

C4:5D:7B:B0:8E:6D:67:E6:2E:42:35:11:0B:56:4E:5F:78:FD:92:EF:05:8C:84:0A:EA:4E:64:55:D7:58:5C:60

# Fingerprint (SHA1): D2:73:96:2A:2A:5E:39:9F:73:3F:E1:C7:1E:64:3F:03:38:34:FC:4D

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "GTS Root R2"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145  
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\062

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145  
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\062

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\156\107\251\306\132\263\347\040\305\060\232\077\150\122  
\362\157

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\156  
\107\251\306\132\263\347\040\305\060\232\077\150\122\362\157\060  
\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\107  
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\042\060  
\040\006\003\125\004\012\023\031\107\157\157\147\154\145\040\124  
\162\165\163\164\040\123\145\162\166\151\143\145\163\040\114\114

\103\061\024\060\022\006\003\125\004\003\023\013\107\124\123\040  
\122\157\157\164\040\122\062\060\036\027\015\061\066\060\066\062  
\062\060\060\060\060\060\060\132\027\015\063\066\060\066\062\062  
\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125  
\004\006\023\002\125\123\061\042\060\040\006\003\125\004\012\023  
\031\107\157\157\147\154\145\040\124\162\165\163\164\040\123\145  
\162\166\151\143\145\163\040\114\114\103\061\024\060\022\006\003  
\125\004\003\023\013\107\124\123\040\122\157\157\164\040\122\062  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\316\336\375\246\373\354\354\024\064\074\007\006\132\154\131  
\367\031\065\335\367\301\235\125\252\323\315\073\244\223\162\357  
\012\372\155\235\366\360\205\200\133\241\110\122\237\071\305\267  
\356\050\254\357\313\166\150\024\271\337\255\001\154\231\037\304  
\042\035\237\376\162\167\340\054\133\257\344\004\277\117\162\240  
\032\064\230\350\071\150\354\225\045\173\166\241\346\151\271\205  
\031\275\211\214\376\255\355\066\352\163\274\377\203\342\313\175  
\301\322\316\112\263\215\005\236\213\111\223\337\301\133\320\156  
\136\360\056\060\056\202\374\372\274\264\027\012\110\345\210\233  
\305\233\153\336\260\312\264\003\360\332\364\220\270\145\144\367  
\134\114\255\350\176\146\136\231\327\270\302\076\310\320\023\235  
\255\356\344\105\173\211\125\367\212\037\142\122\204\022\263\302  
\100\227\343\212\037\107\221\246\164\132\322\370\261\143\050\020  
\270\263\011\270\126\167\100\242\046\230\171\306\376\337\045\356  
\076\345\240\177\324\141\017\121\113\074\077\214\332\341\160\164  
\330\302\150\241\371\301\014\351\241\342\177\273\125\074\166\006  
\356\152\116\314\222\210\060\115\232\275\117\013\110\232\204\265  
\230\243\325\373\163\301\127\141\335\050\126\165\023\256\207\216  
\347\014\121\011\020\165\210\114\274\215\371\173\074\324\042\110  
\037\052\334\353\153\273\104\261\313\063\161\062\106\257\255\112  
\361\214\350\164\072\254\347\032\042\163\200\322\060\367\045\102  
\307\042\073\073\022\255\226\056\306\303\166\007\252\040\267\065  
\111\127\351\222\111\350\166\026\162\061\147\053\226\176\212\243  
\307\224\126\042\277\152\113\176\001\041\262\043\062\337\344\232  
\104\155\131\133\135\365\000\240\034\233\306\170\227\215\220\377  
\233\310\252\264\257\021\121\071\136\331\373\147\255\325\133\021  
\235\062\232\033\275\325\272\133\245\311\313\045\151\123\125\047  
\134\340\312\066\313\210\141\373\036\267\320\313\356\026\373\323  
\246\114\336\222\245\324\342\337\365\006\124\336\056\235\113\264  
\223\060\252\201\316\335\032\334\121\163\015\117\160\351\345\266  
\026\041\031\171\262\346\211\013\165\144\312\325\253\274\011\301  
\030\241\377\324\124\241\205\074\375\024\044\003\262\207\323\244  
\267\002\003\001\000\001\243\102\060\100\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035  
\023\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125  
\035\016\004\026\004\024\273\377\312\216\043\237\117\231\312\333  
\342\150\246\245\025\047\027\036\331\016\060\015\006\011\052\206  
\110\206\367\015\001\001\014\005\000\003\202\002\001\000\266\151

\360\246\167\376\236\356\013\201\255\341\300\251\307\371\065\035  
\100\202\253\346\004\264\337\313\367\035\017\203\360\176\023\115  
\215\214\356\343\063\042\303\071\374\100\337\156\101\113\102\123  
\276\026\210\361\322\070\136\304\150\231\034\230\122\223\214\347  
\150\355\033\152\163\172\005\100\115\177\145\073\326\130\361\316  
\203\107\140\343\377\227\251\234\140\167\030\125\265\176\010\223  
\317\320\366\074\147\003\025\141\011\371\201\171\365\354\123\244  
\237\311\217\001\213\163\304\167\166\334\203\242\365\014\111\032  
\250\166\336\222\233\144\370\263\054\305\047\323\007\300\010\200  
\244\230\222\343\001\226\002\252\002\356\217\073\305\321\155\012  
\063\060\163\170\271\117\124\026\277\013\007\241\244\134\346\313  
\311\134\204\217\017\340\025\167\054\176\046\176\332\304\113\333  
\247\026\167\007\260\315\165\350\162\102\326\225\204\235\206\203  
\362\344\220\315\011\107\324\213\003\160\332\132\306\003\102\364  
\355\067\242\360\033\120\124\113\016\330\204\336\031\050\231\201  
\107\256\011\033\077\110\321\303\157\342\260\140\027\365\356\043  
\002\245\332\000\133\155\220\253\356\242\351\033\073\351\307\104  
\047\105\216\153\237\365\244\204\274\167\371\153\227\254\076\121  
\105\242\021\246\314\205\356\012\150\362\076\120\070\172\044\142  
\036\027\040\067\155\152\115\267\011\233\311\374\244\130\365\266  
\373\234\116\030\273\225\002\347\241\255\233\007\356\066\153\044  
\322\071\206\301\223\203\120\322\201\106\250\137\142\127\054\273  
\154\144\210\010\156\357\023\124\137\335\055\304\147\143\323\317  
\211\067\277\235\040\364\373\172\203\233\240\036\201\000\120\302  
\344\014\042\131\122\020\355\103\126\207\000\370\024\122\247\035  
\213\223\214\242\115\106\177\047\306\161\233\044\336\344\332\206  
\213\015\176\153\040\301\300\236\341\145\330\152\243\246\350\205  
\213\072\007\010\034\272\365\217\125\232\030\165\176\345\354\201  
\146\321\041\163\241\065\104\013\200\075\133\234\136\157\052\027  
\226\321\203\043\210\146\155\346\206\342\160\062\057\122\042\347  
\310\347\177\304\054\140\135\057\303\257\236\105\005\303\204\002  
\267\375\054\010\122\117\202\335\243\360\324\206\011\002

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "GTS Root R2"

# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US

# Serial Number:6e:47:a9:c6:5a:b3:e7:20:c5:30:9a:3f:68:52:f2:6f

# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

C4:5D:7B:B0:8E:6D:67:E6:2E:42:35:11:0B:56:4E:5F:78:FD:92:EF:05:8C:84:0A:EA:4E:64:55:D7:58:5C:60

# Fingerprint (SHA1): D2:73:96:2A:2A:5E:39:9F:73:3F:E1:C7:1E:64:3F:03:38:34:FC:4D

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE



```

CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\322\163\226\052\052\136\071\237\163\077\341\307\036\144\077\003
\070\064\374\115
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\104\355\232\016\244\011\073\000\362\256\114\243\306\141\260\213
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\306\132\263\347\040\305\060\232\077\150\122
\362\157
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R3"
#
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Serial Number:6e:47:a9:c7:6c:a9:73:24:40:89:0f:03:55:dd:8d:1d
# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
15:D5:B8:77:46:19:EA:7D:54:CE:1C:A6:D0:B0:C4:03:E0:37:A9:17:F1:31:E8:A0:4E:1E:6B:7A:71:BA:BC:E5
# Fingerprint (SHA1): 30:D4:24:6F:07:FF:DB:91:89:8A:0B:E9:49:66:11:EB:8C:5E:46:E5
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124

```

\123\040\122\157\157\164\040\122\063

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145  
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040  
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124  
\123\040\122\157\157\164\040\122\063

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\156\107\251\307\154\251\163\044\100\211\017\003\125\335  
\215\035

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\002\014\060\202\001\221\240\003\002\001\002\002\020\156  
\107\251\307\154\251\163\044\100\211\017\003\125\335\215\035\060  
\012\006\010\052\206\110\316\075\004\003\003\060\107\061\013\060  
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003  
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163  
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024  
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157  
\164\040\122\063\060\036\027\015\061\066\060\066\062\062\060\060  
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060  
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023  
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157  
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151  
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003  
\023\013\107\124\123\040\122\157\157\164\040\122\063\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\037\117\063\207\063\051\212\241\204\336\313  
\307\041\130\101\211\352\126\235\053\113\205\306\035\114\047\274  
\177\046\121\162\157\342\237\326\243\312\314\105\024\106\213\255  
\357\176\206\214\354\261\176\057\377\251\161\235\030\204\105\004  
\101\125\156\053\352\046\177\273\220\001\343\113\031\272\344\124  
\226\105\011\261\325\154\221\104\255\204\023\216\232\214\015\200  
\014\062\366\340\047\243\102\060\100\060\016\006\003\125\035\017  
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035  
\016\004\026\004\024\301\361\046\272\240\055\256\205\201\317\323  
\361\052\022\275\270\012\147\375\274\060\012\006\010\052\206\110  
\316\075\004\003\003\003\151\000\060\146\002\061\000\200\133\244  
\174\043\300\225\245\054\334\276\211\157\043\271\243\335\145\000  
\122\136\221\254\310\235\162\164\202\123\013\175\251\100\275\150  
\140\305\341\270\124\073\301\066\027\045\330\301\275\002\061\000  
\236\065\222\164\205\045\121\365\044\354\144\122\044\120\245\037  
\333\350\313\311\166\354\354\202\156\365\205\030\123\350\270\343  
\232\051\252\226\323\203\043\311\244\173\141\263\314\002\350\135

```

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE

# Trust for "GTS Root R3"
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Serial Number:6e:47:a9:c7:6c:a9:73:24:40:89:0f:03:55:dd:8d:1d
# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
15:D5:B8:77:46:19:EA:7D:54:CE:1C:A6:D0:B0:C4:03:E0:37:A9:17:F1:31:E8:A0:4E:1E:6B:7A:71:BA:BC:E5
# Fingerprint (SHA1): 30:D4:24:6F:07:FF:DB:91:89:8A:0B:E9:49:66:11:EB:8C:5E:46:E5
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\324\044\157\007\377\333\221\211\212\013\351\111\146\021\353
\214\136\106\345
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\032\171\133\153\004\122\234\135\307\164\063\033\045\232\371\045
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\307\154\251\163\044\100\211\017\003\125\335
\215\035
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GTS Root R4"
#
# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Serial Number:6e:47:a9:c8:8b:94:b6:e8:bb:3b:2a:d8:a2:b2:c1:99
# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US

```

```
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
71:CC:A5:39:1F:9E:79:4B:04:80:25:30:B3:63:E1:21:DA:8A:30:43:BB:26:66:2F:EA:4D:CA:7F:C9:51:A4:BD
# Fingerprint (SHA1): 2A:1D:60:27:D9:4A:B1:0A:1C:4D:91:5C:CD:33:A0:CB:3E:2D:54:CB
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\310\213\224\266\350\273\073\052\330\242\262
\301\231
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\012\060\202\001\221\240\003\002\001\002\002\020\156
\107\251\310\213\224\266\350\273\073\052\330\242\262\301\231\060
\012\006\010\052\206\110\316\075\004\003\003\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157
\164\040\122\064\060\036\027\015\061\066\060\066\062\062\060\060
\060\060\060\060\132\027\015\063\066\060\066\062\062\060\060\060
\060\060\060\132\060\107\061\013\060\011\006\003\125\004\006\023
\002\125\123\061\042\060\040\006\003\125\004\012\023\031\107\157
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\003
\023\013\107\124\123\040\122\157\157\164\040\122\064\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000
\042\003\142\000\004\363\164\163\247\150\213\140\256\103\270\065
\305\201\060\173\113\111\235\373\301\141\316\346\336\106\275\153
```

```
\325\141\030\065\256\100\335\163\367\211\221\060\132\353\074\356
\205\174\242\100\166\073\251\306\270\107\330\052\347\222\221\152
\163\351\261\162\071\237\051\237\242\230\323\137\136\130\206\145
\017\241\204\145\006\321\334\213\311\307\163\310\214\152\057\345
\304\253\321\035\212\243\102\060\100\060\016\006\003\125\035\017
\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023
\001\001\377\004\005\060\003\001\001\377\060\035\006\003\125\035
\016\004\026\004\024\200\114\326\353\164\377\111\066\243\325\330
\374\265\076\305\152\360\224\035\214\060\012\006\010\052\206\110
\316\075\004\003\003\003\147\000\060\144\002\060\152\120\122\164
\010\304\160\334\236\120\164\041\350\215\172\041\303\117\226\156
\025\321\042\065\141\055\372\010\067\356\031\155\255\333\262\314
\175\007\064\365\140\031\054\265\064\331\157\040\002\060\003\161
\261\272\243\140\013\206\355\232\010\152\225\150\237\342\263\341
\223\144\174\136\223\246\337\171\055\215\205\343\224\317\043\135
\161\314\362\260\115\326\376\231\310\224\251\165\242\343
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

# Trust for "GTS Root R4"

# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US

# Serial Number:6e:47:a9:c8:8b:94:b6:e8:bb:3b:2a:d8:a2:b2:c1:99

# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US

# Not Valid Before: Wed Jun 22 00:00:00 2016

# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

71:CC:A5:39:1F:9E:79:4B:04:80:25:30:B3:63:E1:21:DA:8A:30:43:BB:26:66:2F:EA:4D:CA:7F:C9:51:A4:BD

# Fingerprint (SHA1): 2A:1D:60:27:D9:4A:B1:0A:1C:4D:91:5C:CD:33:A0:CB:3E:2D:54:CB

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "GTS Root R4"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\052\035\140\047\331\112\261\012\034\115\221\134\315\063\240\313
\076\055\124\313
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\135\266\152\304\140\027\044\152\032\231\250\113\356\136\264\046
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
```

```

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\156\107\251\310\213\224\266\350\273\073\052\330\242\262
\301\231
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "UCA Global G2 Root"
#
# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef
# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 11 00:00:00 2016
# Not Valid After : Mon Dec 31 00:00:00 2040
# Fingerprint (SHA-256):
9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C
# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\106\060\202\003\056\240\003\002\001\002\002\020\135
\337\261\332\132\243\355\135\276\132\145\040\145\003\220\357\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\075

```

\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060  
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164  
\061\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107  
\154\157\142\141\154\040\107\062\040\122\157\157\164\060\036\027  
\015\061\066\060\063\061\061\060\060\060\060\060\060\132\027\015  
\064\060\061\062\063\061\060\060\060\060\060\060\132\060\075\061  
\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060\017  
\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164\061  
\033\060\031\006\003\125\004\003\014\022\125\103\101\040\107\154  
\157\142\141\154\040\107\062\040\122\157\157\164\060\202\002\042  
\060\015\006\011\052\206\110\206\367\015\001\001\001\005\000\003  
\202\002\017\000\060\202\002\012\002\202\002\001\000\305\346\053  
\157\174\357\046\005\047\243\201\044\332\157\313\001\371\231\232  
\251\062\302\042\207\141\101\221\073\313\303\150\033\006\305\114  
\251\053\301\147\027\042\035\053\355\371\051\211\223\242\170\275  
\222\153\240\243\015\242\176\312\223\263\246\321\214\065\325\165  
\371\027\366\317\105\305\345\172\354\167\223\240\217\043\256\016  
\032\003\177\276\324\320\355\056\173\253\106\043\133\377\054\346  
\124\172\224\300\052\025\360\311\215\260\172\073\044\341\327\150  
\342\061\074\006\063\106\266\124\021\246\245\057\042\124\052\130  
\015\001\002\361\372\025\121\147\154\300\372\327\266\033\177\321  
\126\210\057\032\072\215\073\273\202\021\340\107\000\320\122\207  
\253\373\206\176\017\044\153\100\235\064\147\274\215\307\055\206  
\157\171\076\216\251\074\027\113\177\260\231\343\260\161\140\334  
\013\365\144\303\316\103\274\155\161\271\322\336\047\133\212\350  
\330\306\256\341\131\175\317\050\055\065\270\225\126\032\361\262  
\130\113\267\022\067\310\174\263\355\113\200\341\215\372\062\043  
\266\157\267\110\225\010\261\104\116\205\214\072\002\124\040\057  
\337\277\127\117\073\072\220\041\327\301\046\065\124\040\354\307  
\077\107\354\357\132\277\113\172\301\255\073\027\120\134\142\330  
\017\113\112\334\053\372\156\274\163\222\315\354\307\120\350\101  
\226\327\251\176\155\330\351\035\217\212\265\271\130\222\272\112  
\222\053\014\126\375\200\353\010\360\136\051\156\033\034\014\257  
\217\223\211\255\333\275\243\236\041\312\211\031\354\337\265\303  
\032\353\026\376\170\066\114\326\156\320\076\027\034\220\027\153  
\046\272\373\172\057\277\021\034\030\016\055\163\003\217\240\345  
\065\240\132\342\114\165\035\161\341\071\070\123\170\100\314\203  
\223\327\012\236\235\133\217\212\344\345\340\110\344\110\262\107  
\315\116\052\165\052\173\362\042\366\311\276\011\221\226\127\172  
\210\210\254\356\160\254\371\334\051\343\014\034\073\022\116\104  
\326\247\116\260\046\310\363\331\032\227\221\150\352\357\215\106  
\006\322\126\105\130\232\074\014\017\203\270\005\045\303\071\317  
\073\244\064\211\267\171\022\057\107\305\347\251\227\151\374\246  
\167\147\265\337\173\361\172\145\025\344\141\126\145\002\003\001  
\000\001\243\102\060\100\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\017\006\003\125\035\023\001\001\377  
\004\005\060\003\001\001\377\060\035\006\003\125\035\016\004\026  
\004\024\201\304\214\314\365\344\060\377\245\014\010\137\214\025

\147\041\164\001\337\337\060\015\006\011\052\206\110\206\367\015  
\001\001\013\005\000\003\202\002\001\000\023\145\042\365\216\053  
\255\104\344\313\377\271\150\346\303\200\110\075\004\173\372\043  
\057\172\355\066\332\262\316\155\366\346\236\345\137\130\217\313  
\067\062\241\310\145\266\256\070\075\065\033\076\274\073\266\004  
\320\274\371\111\365\233\367\205\305\066\266\313\274\370\310\071  
\325\344\137\007\275\025\124\227\164\312\312\355\117\272\272\144  
\166\237\201\270\204\105\111\114\215\157\242\353\261\314\321\303  
\224\332\104\302\346\342\352\030\350\242\037\047\005\272\327\345  
\326\251\315\335\357\166\230\215\000\016\315\033\372\003\267\216  
\200\130\016\047\077\122\373\224\242\312\136\145\311\326\204\332  
\271\065\161\363\046\300\117\167\346\201\047\322\167\073\232\024  
\157\171\364\366\320\341\323\224\272\320\127\121\275\047\005\015  
\301\375\310\022\060\356\157\215\021\053\010\235\324\324\277\200  
\105\024\232\210\104\332\060\352\264\247\343\356\357\133\202\325  
\076\326\255\170\222\333\134\074\363\330\255\372\270\153\177\304  
\066\050\266\002\025\212\124\054\234\260\027\163\216\320\067\243  
\024\074\230\225\000\014\051\005\133\236\111\111\261\137\307\343  
\313\317\047\145\216\065\027\267\127\310\060\331\101\133\271\024  
\266\350\302\017\224\061\247\224\230\314\152\353\265\341\047\365  
\020\250\001\350\216\022\142\350\210\314\265\177\106\227\300\233  
\020\146\070\032\066\106\137\042\150\075\337\311\306\023\047\253  
\123\006\254\242\074\206\006\145\157\261\176\261\051\104\232\243  
\272\111\151\050\151\217\327\345\137\255\004\206\144\157\032\240  
\014\305\010\142\316\200\243\320\363\354\150\336\276\063\307\027  
\133\177\200\304\114\114\261\246\204\212\303\073\270\011\315\024  
\201\272\030\343\124\127\066\376\333\057\174\107\241\072\063\310  
\371\130\073\104\117\261\312\002\211\004\226\050\150\305\113\270  
\046\211\273\326\063\057\120\325\376\232\211\272\030\062\222\124  
\306\133\340\235\371\136\345\015\042\233\366\332\342\310\041\262  
\142\041\252\206\100\262\056\144\323\137\310\343\176\021\147\105  
\037\005\376\343\242\357\263\250\263\363\175\217\370\014\037\042  
\037\055\160\264\270\001\064\166\060\000\345\043\170\247\126\327  
\120\037\212\373\006\365\302\031\360\320

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "UCA Global G2 Root"

# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Serial Number:5d:df:b1:da:5a:a3:ed:5d:be:5a:65:20:65:03:90:ef

# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN

# Not Valid Before: Fri Mar 11 00:00:00 2016

# Not Valid After : Mon Dec 31 00:00:00 2040

# Fingerprint (SHA-256):

9B:EA:11:C9:76:FE:01:47:64:C1:BE:56:A6:F9:14:B5:A5:60:31:7A:BD:99:88:39:33:82:E5:16:1A:A0:49:3C

# Fingerprint (SHA1): 28:F9:78:16:19:7A:FF:18:25:18:AA:44:FE:C1:A0:CE:5C:B6:4C:8A



```

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\050\371\170\026\031\172\377\030\045\030\252\104\376\301\240\316
\134\266\114\212
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\200\376\360\304\112\360\134\142\062\237\034\272\170\251\120\370
END
CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\033\060\031\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\332\132\243\355\135\276\132\145\040\145\003
\220\357
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "UCA Extended Validation Root"
#
# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 13 00:00:00 2015
# Not Valid After : Fri Dec 31 00:00:00 2038
# Fingerprint (SHA-256):
D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24
# Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Extended Validation Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101

```

\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141  
\164\151\157\156\040\122\157\157\164

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061  
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165  
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101  
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141  
\164\151\157\156\040\122\157\157\164

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043  
\160\140

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\005\132\060\202\003\102\240\003\002\001\002\002\020\117  
\322\053\217\365\144\310\063\236\117\064\130\146\043\160\140\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\107  
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060  
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164  
\061\045\060\043\006\003\125\004\003\014\034\125\103\101\040\105  
\170\164\145\156\144\145\144\040\126\141\154\151\144\141\164\151  
\157\156\040\122\157\157\164\060\036\027\015\061\065\060\063\061  
\063\060\060\060\060\060\060\132\027\015\063\070\061\062\063\061  
\060\060\060\060\060\060\132\060\107\061\013\060\011\006\003\125  
\004\006\023\002\103\116\061\021\060\017\006\003\125\004\012\014  
\010\125\156\151\124\162\165\163\164\061\045\060\043\006\003\125  
\004\003\014\034\125\103\101\040\105\170\164\145\156\144\145\144  
\040\126\141\154\151\144\141\164\151\157\156\040\122\157\157\164  
\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001\001  
\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002\001  
\000\251\011\007\050\023\002\260\231\340\144\252\036\103\026\172  
\163\261\221\240\165\076\250\372\343\070\000\172\354\211\152\040  
\017\213\305\260\233\063\003\132\206\306\130\206\325\301\205\273  
\117\306\234\100\115\312\276\356\151\226\270\255\201\060\232\174  
\222\005\353\005\053\232\110\320\270\166\076\226\310\040\273\322  
\260\361\217\330\254\105\106\377\252\147\140\264\167\176\152\037  
\074\032\122\172\004\075\007\074\205\015\204\320\037\166\012\367  
\152\024\337\162\343\064\174\127\116\126\001\076\171\361\252\051  
\073\154\372\370\217\155\115\310\065\337\256\353\334\044\356\171  
\105\247\205\266\005\210\336\210\135\045\174\227\144\147\011\331  
\277\132\025\005\206\363\011\036\354\130\062\063\021\363\167\144  
\260\166\037\344\020\065\027\033\362\016\261\154\244\052\243\163  
\374\011\037\036\062\031\123\021\347\331\263\054\056\166\056\241  
\243\336\176\152\210\011\350\362\007\212\370\262\315\020\347\342  
\163\100\223\273\010\321\077\341\374\013\224\263\045\357\174\246  
\327\321\257\237\377\226\232\365\221\173\230\013\167\324\176\350

\007\322\142\265\225\071\343\363\361\155\017\016\145\204\212\143  
\124\305\200\266\340\236\113\175\107\046\247\001\010\135\321\210  
\236\327\303\062\104\372\202\112\012\150\124\177\070\123\003\314  
\244\000\063\144\121\131\013\243\202\221\172\136\354\026\302\363  
\052\346\142\332\052\333\131\142\020\045\112\052\201\013\107\007  
\103\006\160\207\322\372\223\021\051\172\110\115\353\224\307\160  
\115\257\147\325\121\261\200\040\001\001\264\172\010\246\220\177  
\116\340\357\007\101\207\257\152\245\136\213\373\317\120\262\232  
\124\257\303\211\272\130\055\365\060\230\261\066\162\071\176\111  
\004\375\051\247\114\171\344\005\127\333\224\271\026\123\215\106  
\263\035\225\141\127\126\177\257\360\026\133\141\130\157\066\120  
\021\013\330\254\053\225\026\032\016\037\010\315\066\064\145\020  
\142\146\325\200\137\024\040\137\055\014\240\170\012\150\326\054  
\327\351\157\053\322\112\005\223\374\236\157\153\147\377\210\361  
\116\245\151\112\122\067\005\352\306\026\215\322\304\231\321\202  
\053\073\272\065\165\367\121\121\130\363\310\007\335\344\264\003  
\177\002\003\001\000\001\243\102\060\100\060\035\006\003\125\035  
\016\004\026\004\024\331\164\072\344\060\075\015\367\022\334\176  
\132\005\237\036\064\232\367\341\024\060\017\006\003\125\035\023  
\001\001\377\004\005\060\003\001\001\377\060\016\006\003\125\035  
\017\001\001\377\004\004\003\002\001\206\060\015\006\011\052\206  
\110\206\367\015\001\001\013\005\000\003\202\002\001\000\066\215  
\227\314\102\025\144\051\067\233\046\054\326\373\256\025\151\054  
\153\032\032\367\137\266\371\007\114\131\352\363\311\310\271\256  
\314\272\056\172\334\300\365\260\055\300\073\257\237\160\005\021  
\152\237\045\117\001\051\160\343\345\014\341\352\132\174\334\111  
\273\301\036\052\201\365\026\113\162\221\310\242\061\271\252\332  
\374\235\037\363\135\100\002\023\374\116\034\006\312\263\024\220  
\124\027\031\022\032\361\037\327\014\151\132\366\161\170\364\224  
\175\221\013\216\354\220\124\216\274\157\241\114\253\374\164\144  
\375\161\232\370\101\007\241\315\221\344\074\232\340\233\062\071  
\163\253\052\325\151\310\170\221\046\061\175\342\307\060\361\374  
\024\170\167\022\016\023\364\335\026\224\277\113\147\173\160\123  
\205\312\260\273\363\070\115\054\220\071\300\015\302\135\153\351  
\342\345\325\210\215\326\054\277\253\033\276\265\050\207\022\027  
\164\156\374\175\374\217\320\207\046\260\033\373\271\154\253\342  
\236\075\025\301\073\056\147\002\130\221\237\357\370\102\037\054  
\267\150\365\165\255\317\265\366\377\021\175\302\360\044\245\255  
\323\372\240\074\251\372\135\334\245\240\357\104\244\276\326\350  
\345\344\023\226\027\173\006\076\062\355\307\267\102\274\166\243  
\330\145\070\053\070\065\121\041\016\016\157\056\064\023\100\341  
\053\147\014\155\112\101\060\030\043\132\062\125\231\311\027\340  
\074\336\366\354\171\255\053\130\031\242\255\054\042\032\225\216  
\276\226\220\135\102\127\304\371\024\003\065\053\034\055\121\127  
\010\247\072\336\077\344\310\264\003\163\302\301\046\200\273\013  
\102\037\255\015\257\046\162\332\314\276\263\243\203\130\015\202  
\305\037\106\121\343\234\030\314\215\233\215\354\111\353\165\120  
\325\214\050\131\312\164\064\332\214\013\041\253\036\352\033\345

```
\307\375\025\076\300\027\252\373\043\156\046\106\313\372\371\261
\162\153\151\317\042\204\013\142\017\254\331\031\000\224\242\166
\074\324\055\232\355\004\236\055\006\142\020\067\122\034\205\162
\033\047\345\314\306\061\354\067\354\143\131\233\013\035\166\314
\176\062\232\210\225\010\066\122\273\336\166\137\166\111\111\255
\177\275\145\040\262\311\301\053\166\030\166\237\126\261
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "UCA Extended Validation Root"
```

```
# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
```

```
# Serial Number:4f:d2:2b:8f:f5:64:c8:33:9e:4f:34:58:66:23:70:60
```

```
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
```

```
# Not Valid Before: Fri Mar 13 00:00:00 2015
```

```
# Not Valid After : Fri Dec 31 00:00:00 2038
```

```
# Fingerprint (SHA-256):
```

```
D4:3A:F9:B3:54:73:75:5C:96:84:FC:06:D7:D8:CB:70:EE:5C:28:E7:73:FB:29:4E:B4:1E:E7:17:22:92:4D:24
```

```
# Fingerprint (SHA1): A3:A1:B0:6F:24:61:23:4A:E3:36:A5:C2:37:FC:A6:FF:DD:F0:D7:3A
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "UCA Extended Validation Root"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\243\241\260\157\044\141\043\112\343\066\245\302\067\374\246\377
\335\360\327\072
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\241\363\137\103\306\064\233\332\277\214\176\005\123\255\226\342
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\107\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\061\045\060\043\006\003\125\004\003\014\034\125\103\101
\040\105\170\164\145\156\144\145\144\040\126\141\154\151\144\141
\164\151\157\156\040\122\157\157\164
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\020\117\322\053\217\365\144\310\063\236\117\064\130\146\043
\160\140
```

END

```
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
```

```
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
```

```
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```

```

#
# Certificate "Certigna Root CA"
#
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1
# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After : Sat Oct 01 08:32:27 2033
# Fingerprint (SHA-256):
D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68
# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304
\343\246\341
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\133\060\202\004\103\240\003\002\001\002\002\021\000
\312\351\033\211\361\125\003\015\243\346\101\155\304\343\246\341
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061\022
\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157\164
\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060\060
\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063\066
\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164\151
\147\156\141\040\122\157\157\164\040\103\101\060\036\027\015\061

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\063\061\060\060\061\060\070\063\062\062\067\132\027\015\063\063  
\061\060\060\061\060\070\063\062\062\067\132\060\132\061\013\060  
\011\006\003\125\004\006\023\002\106\122\061\022\060\020\006\003  
\125\004\012\014\011\104\150\151\155\171\157\164\151\163\061\034  
\060\032\006\003\125\004\013\014\023\060\060\060\062\040\064\070  
\061\064\066\063\060\070\061\060\060\060\063\066\061\031\060\027  
\006\003\125\004\003\014\020\103\145\162\164\151\147\156\141\040  
\122\157\157\164\040\103\101\060\202\002\042\060\015\006\011\052  
\206\110\206\367\015\001\001\001\005\000\003\202\002\017\000\060  
\202\002\012\002\202\002\001\000\315\030\071\145\032\131\261\352  
\144\026\016\214\224\044\225\174\203\323\305\071\046\334\014\357  
\026\127\215\327\330\254\243\102\177\202\312\355\315\133\333\016  
\267\055\355\105\010\027\262\331\263\313\326\027\122\162\050\333  
\216\116\236\212\266\013\371\236\204\232\115\166\336\042\051\134  
\322\263\322\006\076\060\071\251\164\243\222\126\034\241\157\114  
\012\040\155\237\043\172\264\306\332\054\344\035\054\334\263\050  
\320\023\362\114\116\002\111\241\124\100\236\346\345\005\240\055  
\204\310\377\230\154\320\353\212\032\204\010\036\267\150\043\356  
\043\325\160\316\155\121\151\020\356\241\172\302\321\042\061\302  
\202\205\322\362\125\166\120\174\045\172\311\204\134\013\254\335  
\102\116\053\347\202\242\044\211\313\220\262\320\356\043\272\146  
\114\273\142\244\371\123\132\144\173\174\230\372\243\110\236\017  
\225\256\247\030\364\152\354\056\003\105\257\360\164\370\052\315  
\172\135\321\276\104\046\062\051\361\361\365\154\314\176\002\041  
\013\237\157\244\077\276\235\123\342\317\175\251\054\174\130\032  
\227\341\075\067\067\030\146\050\322\100\305\121\212\214\303\055  
\316\123\210\044\130\144\060\026\305\252\340\326\012\246\100\337  
\170\366\365\004\174\151\023\204\274\321\321\247\006\317\001\367  
\150\300\250\127\273\072\141\255\004\214\223\343\255\374\360\333  
\104\155\131\334\111\131\256\254\232\231\066\060\101\173\166\063  
\042\207\243\302\222\206\156\371\160\356\256\207\207\225\033\304  
\172\275\061\363\324\322\345\231\377\276\110\354\165\365\170\026  
\035\246\160\301\177\074\033\241\222\373\317\310\074\326\305\223  
\012\217\365\125\072\166\225\316\131\230\212\011\225\167\062\232  
\203\272\054\004\072\227\275\324\057\276\327\154\233\242\312\175  
\155\046\311\125\325\317\303\171\122\010\011\231\007\044\055\144  
\045\153\246\041\151\233\152\335\164\115\153\227\172\101\275\253  
\027\371\220\027\110\217\066\371\055\325\305\333\356\252\205\105  
\101\372\315\072\105\261\150\346\066\114\233\220\127\354\043\271  
\207\010\302\304\011\361\227\206\052\050\115\342\164\300\332\304  
\214\333\337\342\241\027\131\316\044\131\164\061\332\177\375\060  
\155\331\334\341\152\341\374\137\002\003\001\000\001\243\202\001  
\032\060\202\001\026\060\017\006\003\125\035\023\001\001\377\004  
\005\060\003\001\001\377\060\016\006\003\125\035\017\001\001\377  
\004\004\003\002\001\006\060\035\006\003\125\035\016\004\026\004  
\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037\326  
\341\342\171\176\053\060\037\006\003\125\035\043\004\030\060\026  
\200\024\030\207\126\340\156\167\356\044\065\074\116\163\232\037

\326\341\342\171\176\053\060\104\006\003\125\035\040\004\075\060  
\073\060\071\006\004\125\035\040\000\060\061\060\057\006\010\053  
\006\001\005\005\007\002\001\026\043\150\164\164\160\163\072\057  
\057\167\167\167\167\056\143\145\162\164\151\147\156\141\056\146  
\162\057\141\165\164\157\162\151\164\145\163\057\060\155\006\003  
\125\035\037\004\146\060\144\060\057\240\055\240\053\206\051\150  
\164\164\160\072\057\057\143\162\154\056\143\145\162\164\151\147  
\156\141\056\146\162\057\143\145\162\164\151\147\156\141\162\157  
\157\164\143\141\056\143\162\154\060\061\240\057\240\055\206\053  
\150\164\164\160\072\057\057\143\162\154\056\144\150\151\155\171  
\157\164\151\163\056\143\157\155\057\143\145\162\164\151\147\156  
\141\162\157\157\164\143\141\056\143\162\154\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\224  
\270\236\117\360\343\225\010\042\347\315\150\101\367\034\125\325  
\174\000\342\055\072\211\135\150\070\057\121\042\013\112\215\313  
\351\273\135\076\273\134\075\261\050\376\344\123\125\023\317\241  
\220\033\002\035\137\146\106\011\063\050\341\015\044\227\160\323  
\020\037\352\144\127\226\273\135\332\347\304\214\117\114\144\106  
\035\134\207\343\131\336\102\321\233\250\176\246\211\335\217\034  
\311\060\202\355\073\234\315\300\351\031\340\152\330\002\165\067  
\253\367\064\050\050\221\362\004\012\117\065\343\140\046\001\372  
\320\021\214\371\021\152\356\257\075\303\120\323\217\137\063\171  
\074\206\250\163\105\220\214\040\266\162\163\027\043\276\007\145  
\345\170\222\015\272\001\300\353\214\034\146\277\254\206\167\001  
\224\015\234\346\351\071\215\037\246\121\214\231\014\071\167\341  
\264\233\372\034\147\127\157\152\152\216\251\053\114\127\171\172  
\127\042\317\315\137\143\106\215\134\131\072\206\370\062\107\142  
\243\147\015\030\221\334\373\246\153\365\110\141\163\043\131\216  
\002\247\274\104\352\364\111\235\361\124\130\371\140\257\332\030  
\244\057\050\105\334\172\240\210\206\135\363\073\347\377\051\065  
\200\374\144\103\224\346\343\034\157\276\255\016\052\143\231\053  
\311\176\205\366\161\350\006\003\225\376\336\217\110\034\132\324  
\222\350\053\356\347\061\333\272\004\152\207\230\347\305\137\357  
\175\247\042\367\001\330\115\371\211\320\016\232\005\131\244\236  
\230\331\157\053\312\160\276\144\302\125\243\364\351\257\303\222  
\051\334\210\026\044\231\074\215\046\230\266\133\267\314\316\267  
\067\007\375\046\331\230\205\044\377\131\043\003\232\355\235\235  
\250\344\136\070\316\327\122\015\157\322\077\155\261\005\153\111  
\316\212\221\106\163\364\366\057\360\250\163\167\016\145\254\241  
\215\146\122\151\176\113\150\014\307\036\067\047\203\245\214\307  
\002\344\024\315\111\001\260\163\263\375\306\220\072\157\322\154  
\355\073\356\354\221\276\242\103\135\213\000\112\146\045\104\160  
\336\100\017\370\174\025\367\242\316\074\327\136\023\214\201\027  
\030\027\321\275\361\167\020\072\324\145\071\301\047\254\127\054  
\045\124\377\242\332\117\212\141\071\136\256\075\112\214\275

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "Certigna Root CA"

# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR

# Serial Number:00:ca:e9:1b:89:f1:55:03:0d:a3:e6:41:6d:c4:e3:a6:e1

# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR

# Not Valid Before: Tue Oct 01 08:32:27 2013

# Not Valid After : Sat Oct 01 08:32:27 2033

# Fingerprint (SHA-256):

D4:8D:3D:23:EE:DB:50:A4:59:E5:51:97:60:1C:27:77:4B:9D:7B:18:C9:4D:5A:05:95:11:A1:02:50:B9:31:68

# Fingerprint (SHA1): 2D:0D:52:14:FF:9E:AD:99:24:01:74:20:47:6E:6C:85:27:27:F5:43

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Certigna Root CA"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\055\015\122\024\377\236\255\231\044\001\164\040\107\156\154\205  
\047\047\365\103

END

CKA\_CERT\_MD5\_HASH MULTILINE\_OCTAL

\016\134\060\142\047\353\133\274\327\256\142\272\351\325\337\167

END

CKA\_ISSUER MULTILINE\_OCTAL

\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061  
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157  
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060  
\060\062\040\064\070\061\064\066\063\060\070\061\060\060\060\063  
\066\061\031\060\027\006\003\125\004\003\014\020\103\145\162\164  
\151\147\156\141\040\122\157\157\164\040\103\101

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304  
\343\246\341

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "emSign Root CA - G1"

#

# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8

# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043



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# Fingerprint (SHA-256):
40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67
# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\224\060\202\002\174\240\003\002\001\002\002\012\061
\365\344\142\014\154\130\355\326\330\060\015\006\011\052\206\110
\206\367\015\001\001\013\005\000\060\147\061\013\060\011\006\003
\125\004\006\023\002\111\116\061\023\060\021\006\003\125\004\013
\023\012\145\155\123\151\147\156\040\120\113\111\061\045\060\043
\006\003\125\004\012\023\034\145\115\165\144\150\162\141\040\124
\145\143\150\156\157\154\157\147\151\145\163\040\114\151\155\151
\164\145\144\061\034\060\032\006\003\125\004\003\023\023\145\155
\123\151\147\156\040\122\157\157\164\040\103\101\040\055\040\107
\061\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060\060
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060
\132\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147
\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034
\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157
\147\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032
```

\006\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157  
\157\164\040\103\101\040\055\040\107\061\060\202\001\042\060\015  
\006\011\052\206\110\206\367\015\001\001\001\005\000\003\202\001  
\017\000\060\202\001\012\002\202\001\001\000\223\113\273\351\146  
\212\356\235\133\325\064\223\320\033\036\303\347\236\270\144\063  
\177\143\170\150\264\315\056\161\165\327\233\040\306\115\051\274  
\266\150\140\212\367\041\232\126\065\132\363\166\275\330\315\232  
\377\223\126\113\245\131\006\241\223\064\051\335\026\064\165\116  
\362\201\264\307\226\116\255\031\025\122\112\376\074\160\165\160  
\315\257\053\253\025\232\063\074\252\263\213\252\315\103\375\365  
\352\160\377\355\317\021\073\224\316\116\062\026\323\043\100\052  
\167\263\257\074\001\054\154\355\231\054\213\331\116\151\230\262  
\367\217\101\260\062\170\141\326\015\137\303\372\242\100\222\035  
\134\027\346\160\076\065\347\242\267\302\142\342\253\244\070\114  
\265\071\065\157\352\003\151\372\072\124\150\205\155\326\362\057  
\103\125\036\221\015\016\330\325\152\244\226\321\023\074\054\170  
\120\350\072\222\322\027\126\345\065\032\100\034\076\215\054\355  
\071\337\102\340\203\101\164\337\243\315\302\206\140\110\150\343  
\151\013\124\000\213\344\166\151\041\015\171\116\064\010\136\024  
\302\314\261\267\255\327\174\160\212\307\205\002\003\001\000\001  
\243\102\060\100\060\035\006\003\125\035\016\004\026\004\024\373  
\357\015\206\236\260\343\335\251\271\361\041\027\177\076\374\360  
\167\053\032\060\016\006\003\125\035\017\001\001\377\004\004\003  
\002\001\006\060\017\006\003\125\035\023\001\001\377\004\005\060  
\003\001\001\377\060\015\006\011\052\206\110\206\367\015\001\001  
\013\005\000\003\202\001\001\000\131\377\362\214\365\207\175\161  
\075\243\237\033\133\321\332\370\323\234\153\066\275\233\251\141  
\353\336\026\054\164\075\236\346\165\332\327\272\247\274\102\027  
\347\075\221\353\345\175\335\076\234\361\317\222\254\154\110\314  
\302\042\077\151\073\305\266\025\057\243\065\306\150\052\034\127  
\257\071\357\215\320\065\303\030\014\173\000\126\034\315\213\031  
\164\336\276\017\022\340\320\252\241\077\002\064\261\160\316\235  
\030\326\010\003\011\106\356\140\340\176\266\304\111\004\121\175  
\160\140\274\252\262\377\171\162\172\246\035\075\137\052\370\312  
\342\375\071\267\107\271\353\176\337\004\043\257\372\234\006\007  
\351\373\143\223\200\100\265\306\154\012\061\050\316\014\237\317  
\263\043\065\200\101\215\154\304\067\173\201\057\200\241\100\102  
\205\351\331\070\215\350\241\123\315\001\277\151\350\132\006\362  
\105\013\220\372\256\341\277\235\362\256\127\074\245\256\262\126  
\364\213\145\100\351\375\061\201\054\364\071\011\330\356\153\247  
\264\246\035\025\245\230\367\001\201\330\205\175\363\121\134\161  
\210\336\272\314\037\200\176\112

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "emSign Root CA - G1"

```

# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:31:f5:e4:62:0c:6c:58:ed:d6:d8
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
40:F6:AF:03:46:A9:9A:A1:CD:1D:55:5A:4E:9C:CE:62:C7:F9:63:46:03:EE:40:66:15:83:3D:C8:C8:D0:03:67
# Fingerprint (SHA1): 8A:C7:AD:8F:73:AC:4E:C1:B5:75:4D:A5:40:F4:FC:CF:7C:B5:8E:8C
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\212\307\255\217\163\254\116\301\265\165\115\245\100\364\374\317
\174\265\216\214
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\234\102\204\127\335\313\013\247\056\225\255\266\363\332\274\254
END
CKA_ISSUER MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\034\060\032\006
\003\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157
\164\040\103\101\040\055\040\107\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\061\365\344\142\014\154\130\355\326\330
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign ECC Root CA - G3"
#
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1

```

```
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\074\366\007\251\150\160\016\332\213\204
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\116\060\202\001\323\240\003\002\001\002\002\012\074
\366\007\251\150\160\016\332\213\204\060\012\006\010\052\206\110
\316\075\004\003\003\060\153\061\013\060\011\006\003\125\004\006
\023\002\111\116\061\023\060\021\006\003\125\004\013\023\012\145
\155\123\151\147\156\040\120\113\111\061\045\060\043\006\003\125
\004\012\023\034\145\115\165\144\150\162\141\040\124\145\143\150
\156\157\154\157\147\151\145\163\040\114\151\155\151\164\145\144
\061\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147
\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040
\107\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060
\060\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060
\060\132\060\153\061\013\060\011\006\003\125\004\006\023\002\111
\116\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151
\147\156\040\120\113\111\061\045\060\043\006\003\125\004\012\023
\034\145\115\165\144\150\162\141\040\124\145\143\150\156\157\154
\157\147\151\145\163\040\114\151\155\151\164\145\144\061\040\060
\036\006\003\125\004\003\023\027\145\155\123\151\147\156\040\105
\103\103\040\122\157\157\164\040\103\101\040\055\040\107\063\060
\166\060\020\006\007\052\206\110\316\075\002\001\006\005\053\201
```

```
\004\000\042\003\142\000\004\043\245\014\270\055\022\365\050\363
\261\262\335\342\002\022\200\236\071\137\111\115\237\311\045\064
\131\164\354\273\006\034\347\300\162\257\350\256\057\341\101\124
\207\024\250\112\262\350\174\202\346\133\152\265\334\263\165\316
\213\006\320\206\043\277\106\325\216\017\077\004\364\327\034\222
\176\366\245\143\302\365\137\216\056\117\241\030\031\002\053\062
\012\202\144\175\026\223\321\243\102\060\100\060\035\006\003\125
\035\016\004\026\004\024\174\135\002\204\023\324\314\212\233\201
\316\027\034\056\051\036\234\110\143\102\060\016\006\003\125\035
\017\001\001\377\004\004\003\002\001\006\060\017\006\003\125\035
\023\001\001\377\004\005\060\003\001\001\377\060\012\006\010\052
\206\110\316\075\004\003\003\003\151\000\060\146\002\061\000\276
\363\141\317\002\020\035\144\225\007\270\030\156\210\205\005\057
\203\010\027\220\312\037\212\114\350\015\033\172\261\255\325\201
\011\107\357\073\254\010\004\174\134\231\261\355\107\007\322\002
\061\000\235\272\125\374\251\112\350\355\355\346\166\001\102\173
\310\370\140\331\215\121\213\125\073\373\214\173\353\145\011\303
\370\226\315\107\250\202\362\026\125\167\044\176\022\020\225\004
\054\243
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "emSign ECC Root CA - G3"
```

```
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
```

```
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
```

```
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
```

```
# Not Valid Before: Sun Feb 18 18:30:00 2018
```

```
# Not Valid After : Wed Feb 18 18:30:00 2043
```

```
# Fingerprint (SHA-256):
```

```
86:A1:EC:BA:08:9C:4A:8D:3B:BE:27:34:C6:12:BA:34:1D:81:3E:04:3C:F9:E8:A8:62:CD:5C:57:A3:6B:BE:6B
```

```
# Fingerprint (SHA1): 30:43:FA:4F:F2:57:DC:A0:C3:80:EE:2E:58:EA:78:B2:3F:E6:BB:C1
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\060\103\372\117\362\127\334\240\303\200\356\056\130\352\170\262
\077\346\273\301
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\316\013\162\321\237\210\216\320\120\003\350\343\270\213\147\100
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\153\061\013\060\011\006\003\125\004\006\023\002\111\116\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
```

```
\040\120\113\111\061\045\060\043\006\003\125\004\012\023\034\145
\115\165\144\150\162\141\040\124\145\143\150\156\157\154\157\147
\151\145\163\040\114\151\155\151\164\145\144\061\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103
\040\122\157\157\164\040\103\101\040\055\040\107\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\012\074\366\007\251\150\160\016\332\213\204
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "emSign Root CA - C1"

#

# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US

# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2

# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F

# Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "emSign Root CA - C1"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
|002|013|000|256|317|000|272|304|317|062|370|103|262

END

CKA\_VALUE MULTILINE\_OCTAL  
|060|202|003|163|060|202|002|133|240|003|002|001|002|002|013|000  
|256|317|000|272|304|317|062|370|103|262|060|015|006|011|052|206  
|110|206|367|015|001|001|013|005|000|060|126|061|013|060|011|006  
|003|125|004|006|023|002|125|123|061|023|060|021|006|003|125|004  
|013|023|012|145|155|123|151|147|156|040|120|113|111|061|024|060  
|022|006|003|125|004|012|023|013|145|115|165|144|150|162|141|040  
|111|156|143|061|034|060|032|006|003|125|004|003|023|023|145|155  
|123|151|147|156|040|122|157|157|164|040|103|101|040|055|040|103  
|061|060|036|027|015|061|070|060|062|061|070|061|070|063|060|060  
|060|132|027|015|064|063|060|062|061|070|061|070|063|060|060|060  
|132|060|126|061|013|060|011|006|003|125|004|006|023|002|125|123  
|061|023|060|021|006|003|125|004|013|023|012|145|155|123|151|147  
|156|040|120|113|111|061|024|060|022|006|003|125|004|012|023|013  
|145|115|165|144|150|162|141|040|111|156|143|061|034|060|032|006  
|003|125|004|003|023|023|145|155|123|151|147|156|040|122|157|157  
|164|040|103|101|040|055|040|103|061|060|202|001|042|060|015|006  
|011|052|206|110|206|367|015|001|001|001|005|000|003|202|001|017  
|000|060|202|001|012|002|202|001|001|000|317|353|251|271|361|231  
|005|314|330|050|041|112|363|163|064|121|204|126|020|365|240|117  
|054|022|343|372|023|232|047|320|317|371|171|032|164|137|035|171  
|071|374|133|370|160|216|340|222|122|367|344|045|371|124|203|331  
|035|323|310|132|205|077|136|307|266|007|356|076|300|316|232|257  
|254|126|102|052|071|045|160|326|277|265|173|066|255|254|366|163  
|334|315|327|035|212|203|245|373|053|220|025|067|153|034|046|107  
|334|073|051|126|223|152|263|301|152|072|235|075|365|301|227|070  
|130|005|213|034|021|343|344|264|270|135|205|035|203|376|170|137  
|013|105|150|030|110|245|106|163|064|073|376|017|310|166|273|307  
|030|363|005|321|206|363|205|355|347|271|331|062|255|125|210|316  
|246|266|221|260|117|254|176|025|043|226|366|077|360|040|064|026  
|336|012|306|304|004|105|171|177|247|375|276|322|251|245|257|234  
|305|043|052|367|074|041|154|275|257|217|116|305|072|262|363|064  
|022|374|337|200|032|111|244|324|251|225|367|236|211|136|242|211  
|254|224|313|250|150|233|257|212|145|047|315|211|356|335|214|265  
|153|051|160|103|240|151|013|344|271|017|002|003|001|000|001|243  
|102|060|100|060|035|006|003|125|035|016|004|026|004|024|376|241  
|340|160|036|052|003|071|122|132|102|276|134|221|205|172|030|252  
|115|265|060|016|006|003|125|035|017|001|001|377|004|004|003|002  
|001|006|060|017|006|003|125|035|023|001|001|377|004|005|060|003  
|001|001|377|060|015|006|011|052|206|110|206|367|015|001|001|013  
|005|000|003|202|001|001|000|302|112|126|372|025|041|173|050|242  
|351|345|035|373|370|055|304|071|226|101|114|073|047|054|304|154  
|030|025|200|306|254|257|107|131|057|046|013|343|066|260|357|073  
|376|103|227|111|062|231|022|025|133|337|021|051|377|253|123|370  
|273|301|170|017|254|234|123|257|127|275|150|214|075|151|063|360

```
\243\240\043\143\073\144\147\042\104\255\325\161\313\126\052\170
\222\243\117\022\061\066\066\342\336\376\000\304\243\140\017\047
\255\240\260\212\265\066\172\122\241\275\047\364\040\047\142\350
\115\224\044\023\344\012\004\351\074\253\056\310\103\011\112\306
\141\004\345\111\064\176\323\304\310\365\017\300\252\351\272\124
\136\363\143\053\117\117\120\324\376\271\173\231\214\075\300\056
\274\002\053\323\304\100\344\212\007\061\036\233\316\046\231\023
\373\021\352\232\042\014\021\031\307\136\033\201\120\060\310\226
\022\156\347\313\101\177\221\073\242\107\267\124\200\033\334\000
\314\232\220\352\303\303\120\006\142\014\060\300\025\110\247\250
\131\174\341\256\042\242\342\012\172\017\372\142\253\122\114\341
\361\337\312\276\203\015\102
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "emSign Root CA - C1"
```

```
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
```

```
# Serial Number:00:ae:cf:00:ba:c4:cf:32:f8:43:b2
```

```
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
```

```
# Not Valid Before: Sun Feb 18 18:30:00 2018
```

```
# Not Valid After : Wed Feb 18 18:30:00 2043
```

```
# Fingerprint (SHA-256):
```

```
12:56:09:AA:30:1D:A0:A2:49:B9:7A:82:39:CB:6A:34:21:6F:44:DC:AC:9F:39:54:B1:42:92:F2:E8:C8:60:8F
```

```
# Fingerprint (SHA1): E7:2E:F1:DF:FC:B2:09:28:CF:5D:D4:D5:67:37:B1:51:CB:86:4F:01
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "emSign Root CA - C1"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\347\056\361\337\374\262\011\050\317\135\324\325\147\067\261\121
\313\206\117\001
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\330\343\135\001\041\372\170\132\260\337\272\322\356\052\137\150
```

END

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\126\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
```

END

```
CKA_SERIAL_NUMBER MULTILINE_OCTAL
```

```
\002\013\000\256\317\000\272\304\317\062\370\103\262
```



```

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "emSign ECC Root CA - C3"
#
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8
# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3
# Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\173\161\266\202\126\270\022\174\234\250
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\053\060\202\001\261\240\003\002\001\002\002\012\173
\161\266\202\126\270\022\174\234\250\060\012\006\010\052\206\110
\316\075\004\003\003\060\132\061\013\060\011\006\003\125\004\006
\023\002\125\123\061\023\060\021\006\003\125\004\013\023\012\145

```

\155\123\151\147\156\040\120\113\111\061\024\060\022\006\003\125  
\004\012\023\013\145\115\165\144\150\162\141\040\111\156\143\061  
\040\060\036\006\003\125\004\003\023\027\145\155\123\151\147\156  
\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040\103  
\063\060\036\027\015\061\070\060\062\061\070\061\070\063\060\060  
\060\132\027\015\064\063\060\062\061\070\061\070\063\060\060\060  
\132\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147  
\156\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013  
\145\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006  
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103  
\040\122\157\157\164\040\103\101\040\055\040\103\063\060\166\060  
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\004\000  
\042\003\142\000\004\375\245\141\256\173\046\020\035\351\267\042  
\060\256\006\364\201\263\261\102\161\225\071\274\323\122\343\257  
\257\371\362\227\065\222\066\106\016\207\225\215\271\071\132\351  
\273\337\320\376\310\007\101\074\273\125\157\203\243\152\373\142  
\260\201\211\002\160\175\110\305\112\343\351\042\124\042\115\223  
\273\102\014\257\167\234\043\246\175\327\141\021\316\145\307\370  
\177\376\365\362\251\243\102\060\100\060\035\006\003\125\035\016  
\004\026\004\024\373\132\110\320\200\040\100\362\250\351\000\007  
\151\031\167\247\346\303\364\317\060\016\006\003\125\035\017\001  
\001\377\004\004\003\002\001\006\060\017\006\003\125\035\023\001  
\001\377\004\005\060\003\001\001\377\060\012\006\010\052\206\110  
\316\075\004\003\003\003\150\000\060\145\002\061\000\264\330\057  
\002\211\375\266\114\142\272\103\116\023\204\162\265\256\335\034  
\336\326\265\334\126\217\130\100\132\055\336\040\114\042\203\312  
\223\250\176\356\022\100\307\326\207\117\370\337\205\002\060\034  
\024\144\344\174\226\203\021\234\260\321\132\141\113\246\017\111  
\323\000\374\241\374\344\245\377\177\255\327\060\320\307\167\177  
\276\201\007\125\060\120\040\024\365\127\070\012\250\061\121

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE  
CKA\_NSS\_SERVER\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE  
CKA\_NSS\_EMAIL\_DISTRICT\_AFTER CK\_BBOOL CK\_FALSE

# Trust for "emSign ECC Root CA - C3"

# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US

# Serial Number:7b:71:b6:82:56:b8:12:7c:9c:a8

# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US

# Not Valid Before: Sun Feb 18 18:30:00 2018

# Not Valid After : Wed Feb 18 18:30:00 2043

# Fingerprint (SHA-256):

BC:4D:80:9B:15:18:9D:78:DB:3E:1D:8C:F4:F9:72:6A:79:5D:A1:64:3C:A5:F1:35:8E:1D:DB:0E:DC:0D:7E:B3

# Fingerprint (SHA1): B6:AF:43:C2:9B:81:53:7D:F6:EF:6B:C3:1F:1F:60:15:0C:EE:48:66

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

```

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\266\257\103\302\233\201\123\175\366\357\153\303\037\037\140\025
\014\356\110\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\123\263\243\201\356\327\020\370\323\260\035\027\222\365\325
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\061\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\012\173\161\266\202\126\270\022\174\234\250
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Hongkong Post Root CA 3"
#
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061

```

\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157  
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040  
\063  
END  
CKA\_ID UTF8 "0"  
CKA\_ISSUER MULTILINE\_OCTAL  
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061  
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113  
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157  
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012  
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061  
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157  
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040  
\063  
END  
CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL  
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306  
\256\043\270\034\132\244  
END  
CKA\_VALUE MULTILINE\_OCTAL  
\060\202\005\317\060\202\003\267\240\003\002\001\002\002\024\010  
\026\137\212\114\245\354\000\311\223\100\337\304\306\256\043\270  
\034\132\244\060\015\006\011\052\206\110\206\367\015\001\001\013  
\005\000\060\157\061\013\060\011\006\003\125\004\006\023\002\110  
\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156\147  
\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023\011  
\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003\125  
\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157\163  
\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156\147  
\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040\103  
\101\040\063\060\036\027\015\061\067\060\066\060\063\060\062\062  
\071\064\066\132\027\015\064\062\060\066\060\063\060\062\062\071  
\064\066\132\060\157\061\013\060\011\006\003\125\004\006\023\002  
\110\113\061\022\060\020\006\003\125\004\010\023\011\110\157\156  
\147\040\113\157\156\147\061\022\060\020\006\003\125\004\007\023  
\011\110\157\156\147\040\113\157\156\147\061\026\060\024\006\003  
\125\004\012\023\015\110\157\156\147\153\157\156\147\040\120\157  
\163\164\061\040\060\036\006\003\125\004\003\023\027\110\157\156  
\147\153\157\156\147\040\120\157\163\164\040\122\157\157\164\040  
\103\101\040\063\060\202\002\042\060\015\006\011\052\206\110\206  
\367\015\001\001\001\005\000\003\202\002\017\000\060\202\002\012  
\002\202\002\001\000\263\210\327\352\316\017\040\116\276\346\326  
\003\155\356\131\374\302\127\337\051\150\241\203\016\076\150\307  
\150\130\234\034\140\113\211\103\014\271\324\025\262\356\301\116  
\165\351\265\247\357\345\351\065\231\344\314\034\347\113\137\215  
\063\060\040\063\123\331\246\273\325\076\023\216\351\037\207\111  
\255\120\055\120\312\030\276\001\130\242\023\160\226\273\211\210  
\126\200\134\370\275\054\074\341\114\127\210\273\323\271\225\357

\313\307\366\332\061\164\050\246\346\124\211\365\101\061\312\345  
\046\032\315\202\340\160\332\073\051\273\325\003\365\231\272\125  
\365\144\321\140\016\263\211\111\270\212\057\005\322\204\105\050  
\174\217\150\120\022\170\374\013\265\123\313\302\230\034\204\243  
\236\260\276\043\244\332\334\310\053\036\332\156\105\036\211\230  
\332\371\000\056\006\351\014\073\160\325\120\045\210\231\313\315  
\163\140\367\325\377\065\147\305\241\274\136\253\315\112\270\105  
\353\310\150\036\015\015\024\106\022\343\322\144\142\212\102\230  
\274\264\306\010\010\370\375\250\114\144\234\166\001\275\057\251  
\154\063\017\330\077\050\270\074\151\001\102\206\176\151\301\311  
\006\312\345\172\106\145\351\302\326\120\101\056\077\267\344\355  
\154\327\277\046\001\021\242\026\051\112\153\064\006\220\354\023  
\322\266\373\152\166\322\074\355\360\326\055\335\341\025\354\243  
\233\057\054\311\076\053\344\151\073\377\162\045\261\066\206\133  
\307\177\153\213\125\033\112\305\040\141\075\256\313\120\341\010  
\072\276\260\217\143\101\123\060\010\131\074\230\035\167\272\143  
\221\172\312\020\120\140\277\360\327\274\225\207\217\227\305\376  
\227\152\001\224\243\174\133\205\035\052\071\072\320\124\241\321  
\071\161\235\375\041\371\265\173\360\342\340\002\217\156\226\044  
\045\054\240\036\054\250\304\211\247\357\355\231\006\057\266\012  
\114\117\333\242\314\067\032\257\107\205\055\212\137\304\064\064  
\114\000\375\030\223\147\023\321\067\346\110\264\213\006\305\127  
\173\031\206\012\171\313\000\311\122\257\102\377\067\217\341\243  
\036\172\075\120\253\143\006\347\025\265\077\266\105\067\224\067  
\261\176\362\110\303\177\305\165\376\227\215\105\217\032\247\032  
\162\050\032\100\017\002\003\001\000\001\243\143\060\141\060\017  
\006\003\125\035\023\001\001\377\004\005\060\003\001\001\377\060  
\016\006\003\125\035\017\001\001\377\004\004\003\002\001\006\060  
\037\006\003\125\035\043\004\030\060\026\200\024\027\235\315\036  
\213\326\071\053\160\323\134\324\240\270\037\260\000\374\305\141  
\060\035\006\003\125\035\016\004\026\004\024\027\235\315\036\213  
\326\071\053\160\323\134\324\240\270\037\260\000\374\305\141\060  
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\003\202  
\002\001\000\126\325\173\156\346\042\001\322\102\233\030\325\016  
\327\146\043\134\343\376\240\307\222\322\351\224\255\113\242\306  
\354\022\174\164\325\110\322\131\024\231\300\353\271\321\353\364  
\110\060\133\255\247\127\163\231\251\323\345\267\321\056\131\044  
\130\334\150\056\056\142\330\152\344\160\013\055\040\120\040\244  
\062\225\321\000\230\273\323\375\367\062\362\111\256\306\172\340  
\107\276\156\316\313\243\162\072\055\151\135\313\310\350\105\071  
\324\372\102\301\021\114\167\135\222\373\152\377\130\104\345\353  
\201\236\257\240\231\255\276\251\001\146\313\070\035\074\337\103  
\037\364\115\156\264\272\027\106\374\175\375\207\201\171\152\015  
\063\017\372\057\370\024\271\200\263\135\115\252\227\341\371\344  
\030\305\370\325\070\214\046\074\375\362\050\342\356\132\111\210  
\054\337\171\075\216\236\220\074\275\101\112\072\335\133\366\232  
\264\316\077\045\060\177\062\175\242\003\224\320\334\172\241\122  
\336\156\223\215\030\046\375\125\254\275\217\233\322\317\257\347

```
\206\054\313\037\011\157\243\157\251\204\324\163\277\115\241\164
\033\116\043\140\362\314\016\252\177\244\234\114\045\250\262\146
\073\070\377\331\224\060\366\162\204\276\150\125\020\017\306\163
\054\026\151\223\007\376\261\105\355\273\242\125\152\260\332\265
\112\002\045\047\205\327\267\267\206\104\026\211\154\200\053\076
\227\251\234\325\176\125\114\306\336\105\020\034\352\351\073\237
\003\123\356\356\172\001\002\026\170\324\350\302\276\106\166\210
\023\077\042\273\110\022\035\122\000\264\002\176\041\032\036\234
\045\364\363\075\136\036\322\034\371\263\055\266\367\067\134\306
\313\041\116\260\367\231\107\030\205\301\053\272\125\256\006\352
\320\007\262\334\253\320\202\226\165\316\322\120\376\231\347\317
\057\237\347\166\321\141\052\373\041\273\061\320\252\237\107\244
\262\042\312\026\072\120\127\304\133\103\147\305\145\142\003\111
\001\353\103\331\330\370\236\255\317\261\143\016\105\364\240\132
\054\233\055\305\246\300\255\250\107\364\047\114\070\015\056\033
\111\073\122\364\350\210\203\053\124\050\324\362\065\122\264\062
\203\142\151\144\014\221\234\237\227\352\164\026\375\037\021\006
\232\233\364
```

END

```
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRICT_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRICT_AFTER CK_BBOOL CK_FALSE
```

```
# Trust for "Hongkong Post Root CA 3"
```

```
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
```

```
# Serial Number:08:16:5f:8a:4c:a5:ec:00:c9:93:40:df:c4:c6:ae:23:b8:1c:5a:a4
```

```
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
```

```
# Not Valid Before: Sat Jun 03 02:29:46 2017
```

```
# Not Valid After : Tue Jun 03 02:29:46 2042
```

```
# Fingerprint (SHA-256):
```

```
5A:2F:C0:3F:0C:83:B0:90:BB:FA:40:60:4B:09:88:44:6C:76:36:18:3D:F9:84:6E:17:10:1A:44:7F:B8:EF:D6
```

```
# Fingerprint (SHA1): 58:A2:D0:EC:20:52:81:5B:C1:F3:F8:64:02:24:4E:C2:8E:02:4B:02
```

```
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
```

```
CKA_TOKEN CK_BBOOL CK_TRUE
```

```
CKA_PRIVATE CK_BBOOL CK_FALSE
```

```
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```

```
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
```

```
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
```

```
\130\242\320\354\040\122\201\133\301\363\370\144\002\044\116\302
\216\002\113\002
```

END

```
CKA_CERT_MD5_HASH MULTILINE_OCTAL
```

```
\021\374\237\275\163\060\002\212\375\077\363\130\271\313\040\360
END
```

```
CKA_ISSUER MULTILINE_OCTAL
```

```
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\023\011\110\157\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
```

```
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063
```

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

```
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244
```

END

CKA\_TRUST\_SERVER\_AUTH CK\_TRUST CKT\_NSS\_TRUSTED\_DELEGATOR

CKA\_TRUST\_EMAIL\_PROTECTION CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_CODE\_SIGNING CK\_TRUST CKT\_NSS\_MUST\_VERIFY\_TRUST

CKA\_TRUST\_STEP\_UP\_APPROVED CK\_BBOOL CK\_FALSE

#

# Certificate "Entrust Root Certification Authority - G4"

#

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58

# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Wed May 27 11:11:16 2015

# Not Valid After : Sun Dec 27 11:41:16 2037

# Fingerprint (SHA-256):

DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88

# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_CERTIFICATE

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA\_CERTIFICATE\_TYPE CK\_CERTIFICATE\_TYPE CKC\_X\_509

CKA\_SUBJECT MULTILINE\_OCTAL

```
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
```

END

CKA\_ID UTF8 "0"

CKA\_ISSUER MULTILINE\_OCTAL

\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060  
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\064

END

CKA\_SERIAL\_NUMBER MULTILINE\_OCTAL

\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125  
\145\255\130

END

CKA\_VALUE MULTILINE\_OCTAL

\060\202\006\113\060\202\004\063\240\003\002\001\002\002\021\000  
\331\265\103\177\257\251\071\017\000\000\000\000\125\145\255\130  
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060  
\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123\061  
\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165\163  
\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004\013  
\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165\163  
\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162\155  
\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051\040  
\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111\156  
\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162\151  
\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060\060  
\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040\122  
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157  
\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107\064  
\060\036\027\015\061\065\060\065\062\067\061\061\061\061\061\066  
\132\027\015\063\067\061\062\062\067\061\061\064\061\061\066\132  
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123  
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165  
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004  
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165  
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162  
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051  
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111  
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162  
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060



\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040  
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151  
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107  
\064\060\202\002\042\060\015\006\011\052\206\110\206\367\015\001  
\001\001\005\000\003\202\002\017\000\060\202\002\012\002\202\002  
\001\000\261\354\054\102\356\342\321\060\377\245\222\107\342\055  
\303\272\144\227\155\312\367\015\265\131\301\263\313\250\150\031  
\330\257\204\155\060\160\135\176\363\056\322\123\231\341\376\037  
\136\331\110\257\135\023\215\333\377\143\063\115\323\000\002\274  
\304\370\321\006\010\224\171\130\212\025\336\051\263\375\375\304  
\117\350\252\342\240\073\171\315\277\153\103\062\335\331\164\020  
\271\367\364\150\324\273\320\207\325\252\113\212\052\157\052\004  
\265\262\246\307\240\172\346\110\253\322\321\131\314\326\176\043  
\346\227\154\360\102\345\334\121\113\025\101\355\111\112\311\336  
\020\227\326\166\301\357\245\265\066\024\227\065\330\170\042\065  
\122\357\103\275\333\047\333\141\126\202\064\334\313\210\140\014  
\013\132\345\054\001\306\124\257\327\252\301\020\173\322\005\132  
\270\100\236\206\247\303\220\206\002\126\122\011\172\234\322\047  
\202\123\112\145\122\152\365\074\347\250\362\234\257\213\275\323  
\016\324\324\136\156\207\236\152\075\105\035\321\135\033\364\351  
\012\254\140\231\373\211\264\377\230\054\317\174\035\351\002\252  
\004\232\036\270\334\210\156\045\263\154\146\367\074\220\363\127  
\301\263\057\365\155\362\373\312\241\370\051\235\106\213\263\152  
\366\346\147\007\276\054\147\012\052\037\132\262\076\127\304\323  
\041\041\143\145\122\221\033\261\231\216\171\176\346\353\215\000  
\331\132\252\352\163\350\244\202\002\107\226\376\133\216\124\141  
\243\353\057\113\060\260\213\043\165\162\174\041\074\310\366\361  
\164\324\034\173\243\005\125\356\273\115\073\062\276\232\167\146  
\236\254\151\220\042\007\037\141\072\226\276\345\232\117\314\005  
\074\050\131\323\301\014\124\250\131\141\275\310\162\114\350\334  
\237\207\177\275\234\110\066\136\225\243\016\271\070\044\125\374  
\165\146\353\002\343\010\064\051\112\306\343\053\057\063\240\332  
\243\206\245\022\227\375\200\053\332\024\102\343\222\275\076\362  
\135\136\147\164\056\034\210\107\051\064\137\342\062\250\234\045  
\067\214\272\230\000\227\213\111\226\036\375\045\212\254\334\332  
\330\135\164\156\146\260\377\104\337\241\030\306\276\110\057\067  
\224\170\370\225\112\077\177\023\136\135\131\375\164\206\103\143  
\163\111\002\003\001\000\001\243\102\060\100\060\017\006\003\125  
\035\023\001\001\377\004\005\060\003\001\001\377\060\016\006\003  
\125\035\017\001\001\377\004\004\003\002\001\006\060\035\006\003  
\125\035\016\004\026\004\024\237\070\304\126\043\303\071\350\240  
\161\154\350\124\114\344\350\072\261\277\147\060\015\006\011\052  
\206\110\206\367\015\001\001\013\005\000\003\202\002\001\000\022  
\345\102\246\173\213\017\014\344\106\245\266\140\100\207\214\045  
\176\255\270\150\056\133\306\100\166\074\003\370\311\131\364\363  
\253\142\316\020\215\264\132\144\214\150\300\260\162\103\064\322  
\033\013\366\054\123\322\312\220\113\206\146\374\252\203\042\364  
\213\032\157\046\110\254\166\167\010\277\305\230\134\364\046\211

\236\173\303\271\144\062\001\177\323\303\335\130\155\354\261\253  
\204\125\164\167\204\004\047\122\153\206\114\316\335\271\145\377  
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\344\166\172\306\320\044\252\220\315\040\220\272\107\144\373\177  
\007\263\123\170\265\012\142\362\163\103\316\101\053\201\152\056  
\205\026\224\123\324\153\137\162\042\253\121\055\102\325\000\234  
\231\277\336\273\224\073\127\375\232\365\206\313\126\073\133\210  
\001\345\174\050\113\003\371\111\203\174\262\177\174\343\355\216  
\241\177\140\123\216\125\235\120\064\022\017\267\227\173\154\207  
\112\104\347\365\155\354\200\067\360\130\031\156\112\150\166\360  
\037\222\344\352\265\222\323\141\121\020\013\255\247\331\137\307  
\137\334\037\243\134\214\241\176\233\267\236\323\126\157\146\136  
\007\226\040\355\013\164\373\146\116\213\021\025\351\201\111\176  
\157\260\324\120\177\042\327\137\145\002\015\246\364\205\036\330  
\256\006\113\112\247\322\061\146\302\370\316\345\010\246\244\002  
\226\104\150\127\304\325\063\317\031\057\024\304\224\034\173\244  
\331\360\237\016\261\200\342\321\236\021\144\251\210\021\072\166  
\202\345\142\302\200\330\244\203\355\223\357\174\057\220\260\062  
\114\226\025\150\110\122\324\231\010\300\044\350\034\343\263\245  
\041\016\222\300\220\037\317\040\137\312\073\070\307\267\155\072  
\363\346\104\270\016\061\153\210\216\160\353\234\027\122\250\101  
\224\056\207\266\347\246\022\305\165\337\133\300\012\156\173\244  
\344\136\206\371\066\224\337\167\303\351\015\300\071\361\171\273  
\106\216\253\103\131\047\267\040\273\043\351\126\100\041\354\061  
\075\145\252\103\362\075\337\160\104\341\272\115\046\020\073\230  
\237\363\310\216\033\070\126\041\152\121\223\323\221\312\106\332  
\211\267\075\123\203\054\010\037\213\217\123\335\377\254\037

END

CKA\_NSS\_MOZILLA\_CA\_POLICY CK\_BBOOL CK\_TRUE

# Trust for "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58

# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Wed May 27 11:11:16 2015

# Not Valid After : Sun Dec 27 11:41:16 2037

# Fingerprint (SHA-256):

DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37:24:60:E6:F0:1E:88

# Fingerprint (SHA1): 14:88:4E:86:26:37:B0:26:AF:59:62:5C:40:77:EC:35:29:BA:96:01

CKA\_CLASS CK\_OBJECT\_CLASS CKO\_NSS\_TRUST

CKA\_TOKEN CK\_BBOOL CK\_TRUE

CKA\_PRIVATE CK\_BBOOL CK\_FALSE

CKA\_MODIFIABLE CK\_BBOOL CK\_FALSE

CKA\_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA\_CERT\_SHA1\_HASH MULTILINE\_OCTAL

\024\210\116\206\046\067\260\046\257\131\142\134\100\167\354\065

```

\051\272\226\001
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\211\123\361\203\043\267\174\216\005\361\214\161\070\116\037\210
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162
\155\163\061\071\060\067\006\003\125\004\013\023\060\050\143\051
\040\062\060\061\065\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\172\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\331\265\103\177\257\251\071\017\000\000\000\000\125
\145\255\130
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

```

Found in path(s):

```

* /opt/cola/permits/1348498798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.e17_8.src.rpm-cosi-expand-
archive-L3IwXukb/certdata.txt

```

No license file was found, but licenses were detected in source scan.

```

/* This Source Code Form is subject to the terms of the Mozilla Public

```

```

* License, v. 2.0. If a copy of the MPL was not distributed with this

```

```

* file, You can obtain one at http://mozilla.org/MPL/2.0/. */

```

Found in path(s):

```

* /opt/cola/permits/1348498798_1655827029.064334/0/ca-certificates-2020.2.41-70.0.e17_8.src.rpm-cosi-expand-
archive-L3IwXukb/nssckbi.h

```

## 1.593 mna-redisc 1.1.7

## 1.593.1 Available under license :

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## 1.594 gmp 6.2.0+dfsg-4

### 1.594.1 Available under license :

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Version 2, June 1991

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## 1.595 p11-kit 0.23.20-1ubuntu0.1

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## 1.596 libseccomp 2.5.1-1ubuntu1~20.04.2

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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<signature of Ty Coon>, 1 April 1989  
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Version 2.1, February 1999

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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Library will still fall under Section 6.)

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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jloup@gzip.org      madler@alumni.caltech.edu

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## 1.614 sqlx 1.3.4

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## 1.615 zlib 1.2.11 r3

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include/bsd/sys/time.h  
include/bsd/timeconv.h  
include/bsd/vis.h  
man/bitstring.3bsd  
man/errc.3bsd  
man/explicit\_bzero.3bsd  
man/fgetln.3bsd  
man/fgetwln.3bsd  
man/fpurge.3bsd  
man/funopen.3bsd  
man/getbsize.3bsd  
man/heapsort.3bsd  
man/nlist.3bsd  
man/pwcache.3bsd  
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man/humanize\_number.3bsd  
man/stringlist.3bsd  
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src/fmtcheck.c  
src/humanize\_number.c  
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src/arc4random\_linux.h  
src/arc4random\_openbsd.h  
src/arc4random\_uniform.c  
src/arc4random\_unix.h  
src/arc4random\_win.h  
src/closefrom.c  
src/freezero.c  
src/getentropy\_aix.c  
src/getentropy\_bsd.c  
src/getentropy\_hpux.c  
src/getentropy\_hurd.c  
src/getentropy\_linux.c  
src/getentropy\_osx.c  
src/getentropy\_solaris.c  
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contextlib2 is a derivative of the contextlib module distributed by the PSF

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases that included the contextlib module.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
| 2.5.3   | 2.5.2        | 2008 | PSF   | yes                 |
| 2.6     | 2.5          | 2008 | PSF   | yes                 |
| 2.6.1   | 2.6          | 2008 | PSF   | yes                 |
| 2.6.2   | 2.6.1        | 2009 | PSF   | yes                 |
| 2.6.3   | 2.6.2        | 2009 | PSF   | yes                 |
| 2.6.4   | 2.6.3        | 2009 | PSF   | yes                 |
| 2.6.5   | 2.6.4        | 2010 | PSF   | yes                 |
| 3.0     | 2.6          | 2008 | PSF   | yes                 |
| 3.0.1   | 3.0          | 2009 | PSF   | yes                 |
| 3.1     | 3.0.1        | 2009 | PSF   | yes                 |
| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
| 3.1.2   | 3.1.1        | 2010 | PSF   | yes                 |
| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 3.1.4 | 3.1.3 | 2011 | PSF | yes |
| 3.2   | 3.1   | 2011 | PSF | yes |
| 3.2.1 | 3.2   | 2011 | PSF | yes |
| 3.2.2 | 3.2.1 | 2011 | PSF | yes |
| 3.3   | 3.2   | 2012 | PSF | yes |

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#### A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived | Year | Owner | GPL- |
|---------|---------|------|-------|------|
|---------|---------|------|-------|------|

|            | from      |           |            | compatible? (1) |
|------------|-----------|-----------|------------|-----------------|
| 0.9.0 thru | 1.2       | 1991-1995 | CWI        | yes             |
| 1.3 thru   | 1.5.2     | 1995-1999 | CNRI       | yes             |
| 1.6        | 1.5.2     | 2000      | CNRI       | no              |
| 2.0        | 1.6       | 2000      | BeOpen.com | no              |
| 1.6.1      | 1.6       | 2001      | CNRI       | yes (2)         |
| 2.1        | 2.0+1.6.1 | 2001      | PSF        | no              |
| 2.0.1      | 2.0+1.6.1 | 2001      | PSF        | yes             |
| 2.1.1      | 2.1+2.0.1 | 2001      | PSF        | yes             |
| 2.2        | 2.1.1     | 2001      | PSF        | yes             |
| 2.1.2      | 2.1.1     | 2002      | PSF        | yes             |
| 2.1.3      | 2.1.2     | 2002      | PSF        | yes             |
| 2.2.1      | 2.2       | 2002      | PSF        | yes             |
| 2.2.2      | 2.2.1     | 2002      | PSF        | yes             |
| 2.2.3      | 2.2.2     | 2003      | PSF        | yes             |
| 2.3        | 2.2.2     | 2002-2003 | PSF        | yes             |
| 2.3.1      | 2.3       | 2002-2003 | PSF        | yes             |
| 2.3.2      | 2.3.1     | 2002-2003 | PSF        | yes             |
| 2.3.3      | 2.3.2     | 2002-2003 | PSF        | yes             |
| 2.3.4      | 2.3.3     | 2004      | PSF        | yes             |
| 2.3.5      | 2.3.4     | 2005      | PSF        | yes             |
| 2.4        | 2.3       | 2004      | PSF        | yes             |
| 2.4.1      | 2.4       | 2005      | PSF        | yes             |
| 2.4.2      | 2.4.1     | 2005      | PSF        | yes             |
| 2.4.3      | 2.4.2     | 2006      | PSF        | yes             |
| 2.4.4      | 2.4.3     | 2006      | PSF        | yes             |
| 2.5        | 2.4       | 2006      | PSF        | yes             |
| 2.5.1      | 2.5       | 2007      | PSF        | yes             |
| 2.5.2      | 2.5.1     | 2008      | PSF        | yes             |
| 2.5.3      | 2.5.2     | 2008      | PSF        | yes             |
| 2.6        | 2.5       | 2008      | PSF        | yes             |
| 2.6.1      | 2.6       | 2008      | PSF        | yes             |
| 2.6.2      | 2.6.1     | 2009      | PSF        | yes             |
| 2.6.3      | 2.6.2     | 2009      | PSF        | yes             |
| 2.6.4      | 2.6.3     | 2009      | PSF        | yes             |
| 2.6.5      | 2.6.4     | 2010      | PSF        | yes             |
| 2.7        | 2.6       | 2010      | PSF        | yes             |

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In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same



year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
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| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
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| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |
| 2.5            | 2.4          | 2006      | PSF        | yes                 |
| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
| 2.5.2          | 2.5.1        | 2008      | PSF        | yes                 |
| 2.5.3          | 2.5.2        | 2008      | PSF        | yes                 |
| 2.6            | 2.5          | 2008      | PSF        | yes                 |
| 2.6.1          | 2.6          | 2008      | PSF        | yes                 |
| 2.6.2          | 2.6.1        | 2009      | PSF        | yes                 |
| 2.6.3          | 2.6.2        | 2009      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1   | 2010 | PSF | yes |
| 3.2   | 3.1   | 2010 | PSF | yes |

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#  
This is a bundle of X.509 certificates of public Certificate Authorities  
(CA). These were automatically extracted from Mozilla's root certificates  
file (certdata.txt). This file can be found in the mozilla source tree:  
<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>  
It contains the certificates in PEM format and therefore  
can be directly used with curl / libcurl / php\_curl, or with  
an Apache+mod\_ssl webserver for SSL client authentication.  
Just configure this file as the SSLCACertificateFile.#

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# 1.619 contextlib2 21.6.0

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| 3.1.3 | 3.1.2 | 2010 | PSF | yes |
| 3.1.4 | 3.1.3 | 2011 | PSF | yes |
| 3.2   | 3.1   | 2011 | PSF | yes |
| 3.2.1 | 3.2   | 2011 | PSF | yes |
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# 1.622 curl 7.68.0 1ubuntu2.11

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## 1.623 mattetti-filebuffer 1.0.1

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## 1.628 mawk 1.3.4.20200120 2

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Files: `debian/*`

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Version 2, June 1991

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```

```
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# 1.629 crosswork-robot-api 4.1.0.24

## 1.629.1 Available under license :

```
// Code generated by protoc-gen-go. DO NOT EDIT.
// source: cw_ztp_license_device.proto

package cwztpsvc // import "github3.cisco.com/ROBOT/robot-api/golang/cwztpsvc"

import proto "github.com/golang/protobuf/proto"
import fmt "fmt"
import math "math"
import _ "google.golang.org/genproto/googleapis/api/annotations"

// Reference imports to suppress errors if they are not otherwise used.
var _ = proto.Marshal
var _ = fmt.Errorf
var _ = math.Inf

// This is a compile-time assertion to ensure that this generated file
// is compatible with the proto package it is being compiled against.
// A compilation error at this line likely means your copy of the
// proto package needs to be updated.
const _ = proto.ProtoPackageIsVersion2 // please upgrade the proto package

type ZtpLicenseDevice struct {
    DeviceSerialNumber string `protobuf:"bytes,1,opt,name=deviceSerialNumber,proto3"
    json:"deviceSerialNumber,omitempty"`
    XXX_NoUnkeyedLiteral struct{} `json:"-"`
    XXX_unrecognized []byte `json:"-"`
    XXX_sizecache int32 `json:"-"`
}

func (m *ZtpLicenseDevice) Reset() { *m = ZtpLicenseDevice{} }
func (m *ZtpLicenseDevice) String() string { return proto.CompactTextString(m) }
func (*ZtpLicenseDevice) ProtoMessage() {}
func (*ZtpLicenseDevice) Descriptor() ([]byte, []int) {
    return fileDescriptor_cw_ztp_license_device_e27237926d594488, []int{0}
}
func (m *ZtpLicenseDevice) XXX_Unmarshal(b []byte) error {
    return xxx_messageInfo_ZtpLicenseDevice.Unmarshal(m, b)
}
func (m *ZtpLicenseDevice) XXX_Marshal(b []byte, deterministic bool) ([]byte, error) {
    return xxx_messageInfo_ZtpLicenseDevice.Marshal(b, m, deterministic)
}
func (dst *ZtpLicenseDevice) XXX_Merge(src proto.Message) {
    xxx_messageInfo_ZtpLicenseDevice.Merge(dst, src)
}
```



```

func (m *ZtpLicenseDevice) XXX_Size() int {
    return xxx_messageInfo_ZtpLicenseDevice.Size(m)
}
func (m *ZtpLicenseDevice) XXX_DiscardUnknown() {
    xxx_messageInfo_ZtpLicenseDevice.DiscardUnknown(m)
}

var xxx_messageInfo_ZtpLicenseDevice proto.InternalMessageInfo

func (m *ZtpLicenseDevice) GetDeviceSerialNumber() string {
    if m != nil {
        return m.DeviceSerialNumber
    }
    return ""
}

func init() {
    proto.RegisterType((*ZtpLicenseDevice)(nil), "cwztpsvc.ZtpLicenseDevice")
}

func init() {
    proto.RegisterFile("cw_ztp_license_device.proto", fileDescriptor_cw_ztp_license_device_e27237926d594488)
}

var fileDescriptor_cw_ztp_license_device_e27237926d594488 = []byte{
    // 201 bytes of a gzipped FileDescriptorProto
    0x1f, 0x8b, 0x08, 0x00, 0x00, 0x00, 0x00, 0x00, 0x02, 0xff, 0x6c, 0xce, 0x31, 0x4b, 0xc7, 0x30,
    0x10, 0x05, 0x70, 0xba, 0x88, 0x66, 0x92, 0x2e, 0x8a, 0x8a, 0x88, 0x93, 0x8b, 0x09, 0xf2, 0xff,
    0x06, 0xd1, 0x51, 0xfc, 0x97, 0x2a, 0x08, 0x5d, 0x4a, 0x72, 0x86, 0x18, 0x48, 0x73, 0x21, 0xb9,
    0xb6, 0xd0, 0x4f, 0x2f, 0x6d, 0xec, 0x22, 0xce, 0xf7, 0xee, 0xf7, 0x1e, 0xbb, 0x86, 0xb9, 0x5f,
    0x28, 0xf6, 0xde, 0x81, 0x09, 0xd9, 0xf4, 0x5f, 0x66, 0x72, 0x60, 0x78, 0x4c, 0x48, 0x58, 0x9f,
    0xc2, 0xbc, 0x50, 0xcc, 0x13, 0x5c, 0xdd, 0x58, 0x44, 0xeb, 0x8d, 0x50, 0xd1, 0x09, 0x15, 0x02,
    0x92, 0x22, 0x87, 0x21, 0x97, 0xdc, 0xbd, 0x64, 0xe7, 0x1d, 0xc5, 0xd7, 0x42, 0xbc, 0x6c, 0x42,
    0xcd, 0x59, 0x5d, 0xac, 0x77, 0x93, 0x9c, 0xf2, 0x6f, 0xe3, 0xa0, 0x4d, 0xba, 0xac, 0xee, 0xaa,
    0x87, 0xb3, 0xf6, 0x9f, 0x8b, 0x0c, 0xec, 0x16, 0x70, 0xe0, 0xe0, 0x32, 0x20, 0x4f, 0xa8, 0x91,
    0x0a, 0xce, 0xf7, 0x0d, 0xf2, 0xe2, 0xf9, 0xf3, 0x6f, 0x4b, 0xb3, 0x26, 0x9a, 0xaa, 0x7b, 0xb2,
    0x8e, 0xbe, 0x47, 0x7d, 0xf8, 0x7d, 0x07, 0x1c, 0x44, 0x7b, 0x94, 0xc7, 0x0f, 0xb1, 0x41, 0x8f,
    0xeb, 0x6a, 0x8b, 0x5e, 0x05, 0x2b, 0x76, 0x4d, 0x9f, 0x6c, 0xfa, 0xe1, 0x27, 0x00, 0x00, 0xff,
    0xff, 0xe7, 0xa2, 0x96, 0xc2, 0x01, 0x01, 0x00, 0x00,
}
// Code generated by protoc-gen-go. DO NOT EDIT.
// source: cw_ztp_license.proto

package cwztpsvc // import "github3.cisco.com/ROBOT/robot-api/golang/cwztpsvc"

import proto "github.com/golang/protobuf/proto"
import fmt "fmt"
import math "math"

```

```

import _ "google.golang.org/genproto/googleapis/api/annotations"

// Reference imports to suppress errors if they are not otherwise used.
var _ = proto.Marshal
var _ = fmt.Errorf
var _ = math.Inf

// This is a compile-time assertion to ensure that this generated file
// is compatible with the proto package it is being compiled against.
// A compilation error at this line likely means your copy of the
// proto package needs to be updated.
const _ = proto.ProtoPackageIsVersion2 // please upgrade the proto package

type ZtpLicense struct {
    Id          int32  `protobuf:"varint,1,opt,name=id,proto3" json:"id,omitempty"`
    Status      string `protobuf:"bytes,2,opt,name=status,proto3" json:"status,omitempty"`
    LastUpdated int64  `protobuf:"varint,3,opt,name=lastUpdated,proto3" json:"lastUpdated,omitempty"`
    XXX_NoUnkeyedLiteral struct{} `json:"-"`
    XXX_unrecognized []byte `json:"-"`
    XXX_sizecache   int32  `json:"-"`
}

func (m *ZtpLicense) Reset()      { *m = ZtpLicense{} }
func (m *ZtpLicense) String() string { return proto.CompactTextString(m) }
func (*ZtpLicense) ProtoMessage() {}
func (*ZtpLicense) Descriptor() ([]byte, []int) {
    return fileDescriptor_cw_ztp_license_f6745968de738545, []int{0}
}
func (m *ZtpLicense) XXX_Unmarshal(b []byte) error {
    return xxx_messageInfo_ZtpLicense.Unmarshal(m, b)
}
func (m *ZtpLicense) XXX_Marshal(b []byte, deterministic bool) ([]byte, error) {
    return xxx_messageInfo_ZtpLicense.Marshal(b, m, deterministic)
}
func (dst *ZtpLicense) XXX_Merge(src proto.Message) {
    xxx_messageInfo_ZtpLicense.Merge(dst, src)
}
func (m *ZtpLicense) XXX_Size() int {
    return xxx_messageInfo_ZtpLicense.Size(m)
}
func (m *ZtpLicense) XXX_DiscardUnknown() {
    xxx_messageInfo_ZtpLicense.DiscardUnknown(m)
}

var xxx_messageInfo_ZtpLicense proto.InternalMessageInfo

func (m *ZtpLicense) GetId() int32 {
    if m != nil {

```

```

    return m.Id
}
return 0
}

func (m *ZtpLicense) GetStatus() string {
    if m != nil {
        return m.Status
    }
    return ""
}

func (m *ZtpLicense) GetLastUpdated() int64 {
    if m != nil {
        return m.LastUpdated
    }
    return 0
}

func init() {
    proto.RegisterType((*ZtpLicense)(nil), "cwgztpsvc.ZtpLicense")
}

func init() {
    proto.RegisterFile("cw_ztp_license.proto", fileDescriptor_cw_ztp_license_f6745968de738545)
}

var fileDescriptor_cw_ztp_license_f6745968de738545 = []byte{
    // 222 bytes of a gzipped FileDescriptorProto
    0x1f, 0x8b, 0x08, 0x00, 0x00, 0x00, 0x00, 0x00, 0x02, 0xff, 0x4c, 0x8f, 0x4d, 0x4b, 0x03, 0x31,
    0x10, 0x86, 0xc9, 0x16, 0x8b, 0x46, 0x10, 0x5c, 0x44, 0x16, 0x11, 0x09, 0x9e, 0xf6, 0x62, 0x82,
    0xf4, 0x1f, 0xac, 0x57, 0xa1, 0x25, 0xf8, 0x01, 0xbd, 0x94, 0xec, 0x24, 0xa4, 0x81, 0x34, 0x13,
    0x9a, 0xa9, 0x85, 0xfe, 0x7a, 0x69, 0xb7, 0x8b, 0x1e, 0xe7, 0xe3, 0x7d, 0x9e, 0x19, 0x7e, 0x07,
    0xfb, 0xd5, 0x81, 0xf2, 0x2a, 0x06, 0x70, 0xa9, 0x38, 0x99, 0xb7, 0x48, 0x58, 0x5f, 0xc2, 0xfe,
    0x40, 0xb9, 0xfc, 0xc0, 0xc3, 0xa3, 0x47, 0xf4, 0xd1, 0x29, 0x93, 0x83, 0x32, 0x29, 0x21, 0x19,
    0x0a, 0x98, 0xca, 0xb0, 0xf7, 0xfc, 0xc5, 0xf9, 0x92, 0xf2, 0xfb, 0x90, 0xad, 0x6f, 0x78, 0x15,
    0x6c, 0xc3, 0x04, 0x6b, 0x2f, 0x74, 0x15, 0x6c, 0x7d, 0xcf, 0xa7, 0x85, 0x0c, 0xed, 0x4a, 0x53,
    0x09, 0xd6, 0x5e, 0xe9, 0x73, 0x55, 0x0b, 0x7e, 0x1d, 0x4d, 0xa1, 0xcf, 0x6c, 0x0d, 0x39, 0xdb,
    0x4c, 0x04, 0x6b, 0x27, 0xfa, 0x7f, 0xab, 0x5b, 0xf3, 0x27, 0xc0, 0x8d, 0x84, 0x50, 0x00, 0xe5,
    0x16, 0x7b, 0xa4, 0x41, 0x28, 0xc7, 0xbb, 0xba, 0xdb, 0xb7, 0xef, 0x3f, 0xf3, 0xe2, 0x38, 0x5b,
    0xb0, 0xe5, 0xab, 0x0f, 0xb4, 0xde, 0xf5, 0xb3, 0x73, 0x10, 0x70, 0xa3, 0xf4, 0xbc, 0x9b, 0x7f,
    0xa8, 0x13, 0xe2, 0xe5, 0xf8, 0x83, 0xc7, 0x68, 0x92, 0x57, 0x23, 0xa7, 0x9f, 0x9e, 0xb8, 0xb3,
    0xdf, 0x00, 0x00, 0x00, 0xff, 0xff, 0x46, 0x47, 0xa7, 0x44, 0x08, 0x01, 0x00, 0x00,
}
// Code generated by protoc-gen-go. DO NOT EDIT.
// source: cw_ztp_license_device_v2.proto

package cwztpsvc // import "github3.cisco.com/ROBOT/robot-api/golang/cwztpsvc"

```

```

import proto "github.com/golang/protobuf/proto"
import fmt "fmt"
import math "math"

// Reference imports to suppress errors if they are not otherwise used.
var _ = proto.Marshal
var _ = fmt.Errorf
var _ = math.Inf

// This is a compile-time assertion to ensure that this generated file
// is compatible with the proto package it is being compiled against.
// A compilation error at this line likely means your copy of the
// proto package needs to be updated.
const _ = proto.ProtoPackageIsVersion2 // please upgrade the proto package

type ZtpLicenseDeviceV2 struct {
    Uuid          string `protobuf:"bytes,1,opt,name=uuid,proto3" json:"uuid,omitempty"`
    SerialNumber  []string `protobuf:"bytes,2,rep,name=serialNumber,proto3" json:"serialNumber,omitempty"`
    LocationId    string `protobuf:"bytes,3,opt,name=locationId,proto3" json:"locationId,omitempty"`
    XXX_NoUnkeyedLiteral struct{ } `json:"- "`
    XXX_unrecognized []byte `json:"- "`
    XXX_sizecache  int32 `json:"- "`
}

func (m *ZtpLicenseDeviceV2) Reset()      { *m = ZtpLicenseDeviceV2{} }
func (m *ZtpLicenseDeviceV2) String() string { return proto.CompactTextString(m) }
func (*ZtpLicenseDeviceV2) ProtoMessage() {}
func (*ZtpLicenseDeviceV2) Descriptor() ([]byte, []int) {
    return fileDescriptor_cw_ztp_license_device_v2_1c5de79621eca399, []int{0}
}
func (m *ZtpLicenseDeviceV2) XXX_Unmarshal(b []byte) error {
    return xxx_messageInfo_ZtpLicenseDeviceV2.Unmarshal(m, b)
}
func (m *ZtpLicenseDeviceV2) XXX_Marshal(b []byte, deterministic bool) ([]byte, error) {
    return xxx_messageInfo_ZtpLicenseDeviceV2.Marshal(b, m, deterministic)
}
func (dst *ZtpLicenseDeviceV2) XXX_Merge(src proto.Message) {
    xxx_messageInfo_ZtpLicenseDeviceV2.Merge(dst, src)
}
func (m *ZtpLicenseDeviceV2) XXX_Size() int {
    return xxx_messageInfo_ZtpLicenseDeviceV2.Size(m)
}
func (m *ZtpLicenseDeviceV2) XXX_DiscardUnknown() {
    xxx_messageInfo_ZtpLicenseDeviceV2.DiscardUnknown(m)
}

var xxx_messageInfo_ZtpLicenseDeviceV2 proto.InternalMessageInfo

```

```

func (m *ZtpLicenseDeviceV2) GetUuid() string {
    if m != nil {
        return m.Uuid
    }
    return ""
}

func (m *ZtpLicenseDeviceV2) GetSerialNumber() []string {
    if m != nil {
        return m.SerialNumber
    }
    return nil
}

func (m *ZtpLicenseDeviceV2) GetLocationId() string {
    if m != nil {
        return m.LocationId
    }
    return ""
}

func init() {
    proto.RegisterType((*ZtpLicenseDeviceV2)(nil), "cworkzsvc.ZtpLicenseDeviceV2")
}

func init() {
    proto.RegisterFile("cw_ztp_license_device_v2.proto",
fileDescriptor_cw_ztp_license_device_v2_1c5de79621eca399)
}

var fileDescriptor_cw_ztp_license_device_v2_1c5de79621eca399 = []byte{
// 219 bytes of a gzipped FileDescriptorProto
0x1f, 0x8b, 0x08, 0x00, 0x00, 0x00, 0x00, 0x00, 0x02, 0xff, 0x64, 0x8e, 0x4f, 0x4b, 0xc3, 0x40,
0x10, 0x47, 0x89, 0x15, 0xb1, 0x8b, 0xa7, 0x3d, 0xc5, 0x4b, 0x28, 0x3d, 0xf5, 0x62, 0x16, 0xdb,
0x6f, 0x10, 0xbd, 0x08, 0x62, 0x4b, 0x10, 0x85, 0x5e, 0x96, 0xdd, 0xc9, 0x12, 0x07, 0x36, 0x99,
0x65, 0xff, 0xa4, 0xd0, 0x4f, 0x2f, 0x6e, 0x2d, 0x28, 0xbd, 0x0d, 0x3f, 0xde, 0x3c, 0x1e, 0xab,
0xe0, 0x20, 0x8f, 0xd1, 0x49, 0x8b, 0x60, 0xc6, 0x60, 0x64, 0x67, 0x26, 0x04, 0x23, 0xa7, 0x75,
0xed, 0x3c, 0x45, 0xe2, 0xb7, 0x70, 0x38, 0x46, 0x17, 0x26, 0x58, 0x5a, 0xc6, 0xf7, 0xd1, 0xbd,
0x9e, 0xb8, 0xe7, 0x8c, 0x7d, 0xac, 0x39, 0x67, 0xd7, 0x29, 0x61, 0x57, 0x16, 0x8b, 0x62, 0x35,
0x6f, 0xf3, 0xcd, 0x97, 0xec, 0x2e, 0x18, 0x8f, 0xca, 0xbe, 0xa5, 0x41, 0x1b, 0x5f, 0x5e, 0x2d,
0x66, 0xab, 0x79, 0xfb, 0x6f, 0xe3, 0x15, 0x63, 0x96, 0x40, 0x45, 0xa4, 0xf1, 0xa5, 0x2b, 0x67,
0xf9, 0xfb, 0xcf, 0xd2, 0x38, 0x56, 0x01, 0x0d, 0x35, 0x60, 0x00, 0xaa, 0x3d, 0x69, 0x8a, 0xa7,
0xa0, 0xfa, 0xdc, 0xd3, 0xdc, 0x3f, 0x7d, 0x5e, 0xf6, 0xec, 0x7e, 0x98, 0x5d, 0xb1, 0x7f, 0xec,
0x31, 0x7e, 0x25, 0xbd, 0xf9, 0x15, 0x00, 0x0d, 0xa2, 0xdd, 0x36, 0xdb, 0x77, 0x91, 0x55, 0x0f,
0xca, 0xa1, 0xe8, 0xc9, 0xaa, 0xb1, 0x17, 0x67, 0x9f, 0xbe, 0xc9, 0xfe, 0xcd, 0x77, 0x00, 0x00,
0x00, 0xff, 0xff, 0x66, 0x8d, 0x49, 0xba, 0x12, 0x01, 0x00, 0x00,
}

```

# 1.630 facebookgo-stats 0.0.0-20180706035515-f23751cae28b

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# 1.631 x-sys 0.0.0-20210823070655-63515b42dcdf

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## 1.632 vim 8.1.2269-1ubuntu5.7

## 1.633 packaging 21.0

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<http://github.com/gogo/protobuf/>  
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Go support for leveled logs, analogous to  
<https://code.google.com/p/google-glog/>  
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Support for streaming Protocol Buffer messages for the Go language (golang).  
[https://github.com/mattproud/golang\\_protobuf\\_extensions](https://github.com/mattproud/golang_protobuf_extensions)  
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DNS library in Go  
<http://miek.nl/posts/2014/Aug/16/go-dns-package/>  
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LevelDB key/value database in Go  
<https://github.com/syndtr/goleveldb>  
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gosnappy - a fork of [code.google.com/p/snappy-go](https://code.google.com/p/snappy-go)  
<https://github.com/syndtr/gosnappy>  
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go-zookeeper - Native ZooKeeper client for Go  
<https://github.com/samuel/go-zookeeper>  
Copyright (c) 2013, Samuel Stauffer <[samuel@descolada.com](mailto:samuel@descolada.com)>  
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package spec



```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
    URL string `json:"url,omitempty"`
}
Apache License
    Version 2.0, January 2004
    http://www.apache.org/licenses/
```

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```

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Rob Pike <r@golang.org>  
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Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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#

# Auto-generated with:

# git log --oneline --pretty=format:'%an <%aE>' | sort -u

#

Dmitri Shuralyov <shurcool@gmail.com>

Ethan Mosbaugh <emosbaugh@gmail.com>

Soheil Hassas Yeganeh <soheil.h.y@gmail.com>

Soheil Hassas Yeganeh <soheil@cs.toronto.edu>

Tamir Duberstein <tamir@cockroachlabs.com>

Tamir Duberstein <tamird@gmail.com>

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Alex A. Skinner

Andrew Tunnell-Jones

Ask Bjrn Hansen

Dave Cheney  
Dusty Wilson  
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Peter van Dijk  
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procd provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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## 1.640 d-conf 0.36.0-1

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## 1.641 appdirs 1.4.3

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## 1.642 logrus 1.8.1



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## 1.645 busybox 1.34.1-r4

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Julian Seward, Cambridge, UK.

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```

```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
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<signature of Ty Coon>, 1 April 1989
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## 1.649 urllib3 1.25.8

### 1.649.1 Available under license :

```
# Contributions to the urllib3 project
```

```
## Creator & Maintainer
```

```
* Andrey Petrov <andrey.petrov@shazow.net>
```

```
## Contributors
```

In chronological order:

```
* victor.vde <http://code.google.com/u/victor.vde/>
```

```
* HTTPS patch (which inspired HTTPSConnectionPool)
```

```
* erikcederstrand <http://code.google.com/u/erikcederstrand/>
```

```
* NTLM-authenticated HTTPSConnectionPool
```

```
* Basic-authenticated HTTPSConnectionPool (merged into make_headers)
```

```
* niphlod <niphlod@gmail.com>
```

```
* Client-verified SSL certificates for HTTPSConnectionPool
```

```
* Response gzip and deflate encoding support
```

```
* Better unicode support for filepost using StringIO buffers
```

```
* btoconnor <brian@btoconnor.net>
```

```
* Non-multipart encoding for POST requests
```

```
* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
```

```
* Code review, PEP8 compliance, benchmark fix
```

```
* kennethreitz <me@kennethreitz.com>
```

```
* Bugfixes, suggestions, Requests integration
```

```
* georgemarshall <https://github.com/georgemarshall>
```

```
* Bugfixes, Improvements and Test coverage
```

- \* Thomas Kluyver <thomas@kluyver.me.uk>
- \* Python 3 support
  
- \* brandon-rhodes <<http://rhodesmill.org/brandon>>
- \* Design review, bugfixes, test coverage.
  
- \* studer <theo.studer@gmail.com>
- \* IPv6 url support and test coverage
  
- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
- \* Support for explicitly closing pooled connections
  
- \* hartator <hartator@gmail.com>
- \* Corrected multipart behavior for params
  
- \* Thomas Weischuh <thomas@t-8ch.de>
- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>
- \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
- \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<https://lukasa.co.uk/about/>>
- \* Stream method for Response objects.
- \* Return native strings in header values.
- \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
- \* Added HTTPS (CONNECT) proxy support

- \* Stephen Holsapple <sholsapp@gmail.com>
- \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
- \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
- \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
- \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <https://dbrgn.ch/>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <https://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation
  
- \* Aaron Meurer <asmeurer@gmail.com>

- \* Added `Url.url`, which unparses a `Url`
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
- \* Support for using `ConnectionPool` and `PoolManager` as context managers.
  
- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <ttomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <magicalgirl@google.com>
- \* App Engine environment tests.
- \* Documentation re-write.
  
- \* John Krauss <https://github.com/talos>
- \* Clues to debugging problems with ``cryptography`` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <https://github.com/jmoldow>
- \* Fix low-level exceptions leaking from ```HTTPResponse.stream()```.
- \* Bugfix for ```ConnectionPool.urlopen(release_conn=False)```.
- \* Creation of ```HTTPConnectionPool.ResponseCls```.
  
- \* Predrag Gruevski <https://github.com/obi1kenobi>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <https://github.com/a-tal>

- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <<https://evanmeagher.net>>
  - \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <[jayvdb@gmail.com](mailto:jayvdb@gmail.com)>
  - \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <[andy.m.caldwell@gmail.com](mailto:andy.m.caldwell@gmail.com)>
  - \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <[ville.skytta@iki.fi](mailto:ville.skytta@iki.fi)>
  - \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <[smtakeda@gmail.com](mailto:smtakeda@gmail.com)>
  - \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jess Shapiro <[jesse@jesseshapiro.net](mailto:jesse@jesseshapiro.net)>
  - \* Various character-encoding fixes/tweaks
  - \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <<http://dafoster.net/>>
  - \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <[jeremy@jcline.org](mailto:jeremy@jcline.org)>
  - \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <[palaviv@gmail.com](mailto:palaviv@gmail.com)>
  - \* History list to Retry object.
  - \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <[nate.prewitt@gmail.com](mailto:nate.prewitt@gmail.com)>
  - \* Ensure timeouts are not booleans and greater than zero.
  - \* Fixed infinite loop in ``stream`` when amt=None.
  - \* Added length\_remaining to determine remaining data to be read.
  - \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <[sethmichaellarson@protonmail.com](mailto:sethmichaellarson@protonmail.com)>
  - \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <[alex.dias@smarkets.com](mailto:alex.dias@smarkets.com)>
  - \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <[moin18@gmail.com](mailto:moin18@gmail.com)>
  - \* Lazily load idna package
  
- \* Tom White <[s6yg1ez3@mail2tor.com](mailto:s6yg1ez3@mail2tor.com)>
  - \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite
  
- \* Will Bond <will@wbond.net>
- \* Add Python 2.6 support to ``contrib.securetransport``
  
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6
  
- \* Tim Bell <https://github.com/timb07>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
  
- \* Justin Bramley <https://github.com/jbramleycl>
- \* Add ability to handle multiple Content-Encodings

- \* Katsuhiko YOSHIDA <<https://github.com/kyoshidajp>>
  - \* Remove Authorization header regardless of case when redirecting to cross-site
  
  - \* James Meickle <<https://permadeath.com/>>
  - \* Improve handling of Retry-After header
  
  - \* Chris Jerdonek <[chris.jerdonek@gmail.com](mailto:chris.jerdonek@gmail.com)>
  - \* Remove a spurious TypeError from the exception chain inside HTTPConnectionPool.\_make\_request(), also for BaseExceptions.
  
  - \* [Your name or handle] <[email or website]>
  - \* [Brief summary of your changes]
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# 1.651 libssh 0.9.3 2ubuntu2.2

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Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: libssh

Upstream-Contact: libssh@libssh.org

Andreas Schneider <asn@cryptomilk.org>

Source: <https://git.libssh.org/projects/libssh.git>

Files: \*

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Comment:

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Files: include/libssh/auth.h

include/libssh/bignum.h

include/libssh/bind.h

include/libssh/buffer.h

include/libssh/channels.h

include/libssh/crc32.h

include/libssh/crypto.h  
include/libssh/dh.h  
include/libssh/ecdh.h  
include/libssh/ed25519.h  
include/libssh/gssapi.h  
include/libssh/kex.h  
include/libssh/keys.h  
include/libssh/legacy.h  
include/libssh/libcrypto.h  
include/libssh/libgcrypt.h  
include/libssh/libssh.h  
include/libssh/libsshpp.hpp  
include/libssh/messages.h  
include/libssh/misc.h  
include/libssh/packet.h  
include/libssh/pcap.h  
include/libssh/pki.h  
include/libssh/pki\_priv.h  
include/libssh/poll.h  
include/libssh/priv.h  
include/libssh/scp.h  
include/libssh/server.h  
include/libssh/session.h  
include/libssh/sftp.h  
include/libssh/socket.h  
include/libssh/string.h  
include/libssh/threads.h  
include/libssh/wrapper.h  
src/auth1.c  
src/base64.c  
src/bignum.c  
src/bind.c  
src/buffer.c  
src/client.c  
src/connect.c  
src/crc32.c  
src/ecdh.c  
src/error.c  
src/gcrypt\_missing.c  
src/init.c  
src/kex.c  
src/kex1.c  
src/legacy.c  
src/libcrypto.c  
src/libgcrypt.c  
src/log.c  
src/messages.c  
src/packet.c

src/packet1.c  
src/packet\_cb.c  
src/packet\_crypt.c  
src/pcap.c  
src/pki\_container\_openssh.c  
src/pki\_ed25519.c  
src/server.c  
src/session.c  
src/sftpserver.c  
src/socket.c  
src/string.c  
src/threads.c  
src/threads/pthread.c  
src/wrapper.c  
tests/benchmarks/bench\_raw.c  
tests/benchmarks/bench\_scp.c  
tests/benchmarks/bench\_sftp.c  
tests/benchmarks/benchmarks.c  
tests/benchmarks/benchmarks.h  
tests/benchmarks/latency.c  
tests/client/torture\_algorithms.c  
tests/client/torture\_auth.c  
tests/client/torture\_connect.c  
tests/client/torture\_knownhosts.c  
tests/client/torture\_session.c  
tests/test\_pcap.c  
tests/test\_socket.c

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Files: examples/exec.c  
examples/senddata.c  
examples/CMakeLists.txt  
include/libssh/ssh1.h  
include/libssh/ssh2.h  
tests/authentication.c  
tests/benchmarks/bench1.sh  
tests/benchmarks/bench2.sh  
tests/chmodtest.c  
tests/client/torture\_proxycommand.c  
tests/client/torture\_sftp\_dir.c  
tests/client/torture\_sftp\_read.c  
tests/cmdline.c  
tests/connection.c  
tests/generate.py  
tests/sftp\_stress/main.c  
tests/test\_exec.c  
tests/test\_ssh\_bind\_accept\_fd.c

tests/test\_tunnel.c  
tests/tests.h  
tests/unittests/torture\_buffer.c  
tests/unittests/torture\_callbacks.c  
tests/unittests/torture\_channel.c  
tests/unittests/torture\_init.c  
tests/unittests/torture\_isipaddr.c  
tests/unittests/torture\_keyfiles.c  
tests/unittests/torture\_list.c  
tests/unittests/torture\_misc.c  
tests/unittests/torture\_options.c  
tests/unittests/torture\_pki.c  
tests/unittests/torture\_rand.c

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Files: examples/authentication.c  
examples/connect\_ssh.c  
examples/examples\_common.h  
examples/knownhosts.c  
examples/libssh\_scp.c  
examples/libsshpp.cpp  
examples/libsshpp\_noexcept.cpp  
examples/proxy.c  
examples/sample.c  
examples/samplesftp.c  
examples/samplesshd-cb.c  
examples/samplesshd-kbdint.c  
examples/scp\_download.c  
examples/sshnetcat.c

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Files: src/external/curve25519\_ref.c  
src/external/ed25519.c  
src/external/fe25519.c  
src/external/ge25519.c  
src/external/ge25519\_base.data  
src/external/sc25519.c

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Files: tests/pkd/pkd\_client.h  
tests/pkd/pkd\_daemon.c  
tests/pkd/pkd\_daemon.h  
tests/pkd/pkd\_hello.c  
tests/pkd/pkd\_keyutil.c  
tests/pkd/pkd\_keyutil.h  
tests/pkd/pkd\_util.c  
tests/pkd/pkd\_util.h

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Files: src/channels.c  
src/channels1.c  
src/gzip.c  
src/known\_hosts.c  
src/misc.c  
src/options.c  
src/pki.c  
src/pki\_crypto.c  
src/pki\_gcrypt.c  
src/sftp.c

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Files: include/libssh/agent.h  
include/libssh/options.h  
src/agent.c  
src/callbacks.c  
src/config.c  
tests/client/torture\_forward.c  
tests/client/torture\_request\_env.c  
tests/torture.c  
tests/torture.c  
tests/torture.h

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src/curve25519.c

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Files: include/libssh/callbacks.h



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cmake/Modules/DefineCompilerFlags.cmake

cmake/Modules/DefineInstallationPaths.cmake

cmake/Modules/DefinePlatformDefaults.cmake

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Files: cmake/Modules/AddCMockaTest.cmake

cmake/Modules/CheckCCompilerFlagSSP.cmake

cmake/Modules/FindArgp.cmake

cmake/Modules/FindCMocka.cmake

cmake/Modules/FindGCrypt.cmake

cmake/Modules/FindGSSAPI.cmake

cmake/Modules/FindNaCl.cmake

cmake/Modules/FindNSIS.cmake

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## 1.652 htop 2.2.0 2build1

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Upstream-Name: htop

Upstream-Contact: Hisham Muhammad <lode@gobolinux.org>

Source: <http://hisham.hm/htop/releases/>

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## 1.654 google-api-go-client 0.33.0

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Alain Vongsouvanhalainv <alainv@google.com>  
Andrew Gerrand <adg@golang.org>  
Brad Fitzpatrick <bradfitz@golang.org>  
Eric Koleda <ekoleda+devrel@goglers.com>  
Francesc Campoy <campoy@golang.org>  
Garrick Evans <garrick@google.com>  
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```
package api
```

```
import (  
    "bytes"  
    "io/ioutil"  
    "os"  
    "path/filepath"  
    "regexp"  
    "testing"  
)
```

```
// Files in this package use a BSD-style license.
```

```
var sentinel = regexp.MustCompile(`(//\#) Copyright \d\d\d\d (Google LLC|The Go Authors)(\.)*( All rights reserved\.)`)*
```

```
(//\#) Use of this source code is governed by a BSD-style
```

```
(//\#) license that can be found in the LICENSE file.
```

```
`)
```

```

const prefix = "// Copyright"

// A few files have to be skipped.
var skip = map[string]bool{
    "tools.go": true, // This file requires another comment above the license.
    "internal/third_party/uritemplates/uritemplates.go": true, // This file is licensed to an individual.
    "internal/third_party/uritemplates/uritemplates_test.go": true, // This file is licensed to an individual.
}

// This test validates that all go files in the repo start with an appropriate license.
func TestLicense(t *testing.T) {
    err := filepath.Walk(".", func(path string, fi os.FileInfo, err error) error {
        if skip[path] {
            return nil
        }

        if err != nil {
            return err
        }

        if filepath.Ext(path) != ".go" && filepath.Ext(path) != ".sh" {
            return nil
        }

        src, err := ioutil.ReadFile(path)
        if err != nil {
            return nil
        }

        // Verify that the license is matched.
        if !sentinel.Match(src) {
            t.Errorf("%v: license header not present", path)
            return nil
        }

        // Also check it is at the top of .go files (but not .sh files, because they must have a shebang first).
        if filepath.Ext(path) == ".go" && !bytes.HasPrefix(src, []byte(prefix)) {
            t.Errorf("%v: license header not at the top", path)
        }
        return nil
    })
    if err != nil {
        t.Fatal(err)
    }
}

```

# 1.655 py3-setuptools 52.0.0-r4

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## 1.657 ply 3.11

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# PLY (Python Lex-Yacc)                      Version 3.11

[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)

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Introduction

=====

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.  
If you know how to use these tools in C, you will find PLY to be similar.
- PLY provides *\*very\** extensive error reporting and diagnostic information to assist in parser construction. The original

implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.

- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.
- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.
- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

#### How to Use

=====

PLY consists of two files : lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

```
import lex
import yacc
```

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

#### Requirements

=====

PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

#### Resources

=====

More information about PLY can be obtained on the PLY webpage at:

<http://www.dabeaz.com/ply>

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

<https://github.com/dabeaz/ply>

An old and relatively inactive discussion group for PLY is found at:

<http://groups.google.com/group/ply-hack>

#### Acknowledgments

=====

A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

#### Special Note for PLY-3.0

=====

PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using

2to3--it is not necessary and may in fact break the implementation.

Example

=====

Here is a simple example showing a PLY implementation of a calculator with variables.

```
# -----
# calc.py
#
# A simple calculator with variables.
# -----

tokens = (
    'NAME','NUMBER',
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',
    'LPAREN','RPAREN',
)

# Tokens

t_PLUS = r\+'
t_MINUS = r\-'
t_TIMES = r\*'
t_DIVIDE = r\/'
t_EQUALS = r\='
t_LPAREN = r\( '
t_RPAREN = r\) '
t_NAME = r'[a-zA-Z_][a-zA-Z0-9_]*'

def t_NUMBER(t):
    r\d+'
    t.value = int(t.value)
    return t

# Ignored characters
t_ignore = " \t"

def t_newline(t):
    r\n+'
    t.lexer.lineno += t.value.count("\n")

def t_error(t):
    print("Illegal character '%s'" % t.value[0])
    t.lexer.skip(1)

# Build the lexer
```

```

import ply.lex as lex
lex.lex()

# Precedence rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),
    ('left','TIMES','DIVIDE'),
    ('right','UMINUS'),
    )

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    '''expression : expression PLUS expression
                  | expression MINUS expression
                  | expression TIMES expression
                  | expression DIVIDE expression'''
    if p[2] == '+': p[0] = p[1] + p[3]
    elif p[2] == '-': p[0] = p[1] - p[3]
    elif p[2] == '*': p[0] = p[1] * p[3]
    elif p[2] == '/': p[0] = p[1] / p[3]

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:

```

```

    print("Undefined name '%s'" % p[1])
    p[0] = 0

def p_error(p):
    print("Syntax error at '%s'" % p.value)

import ply.yacc as yacc
yacc.yacc()

while True:
    try:
        s = raw_input('calc > ') # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)

```

## Bug Reports and Patches

=====

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page at <https://github.com/dabeaz/ply> to submit issues and pull requests. To contact me about bugs and/or new features, please send email to [dave@dabeaz.com](mailto:dave@dabeaz.com).

-- Dave

Found in path(s):

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/README.md
```

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```

Found in path(s):

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/example/GardenSnake/GardenSnake.py
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-0f398b7/ply/cpp.py
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```
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0f398b7/ply/lex.py  
* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-ply-3-11-0-g0f398b7-1-tar-gz/dabeaz-ply-  
0f398b7/ply/yacc.py
```

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#

# Names should be added to this file as:

# Name <email address>

Raul Silvera <rsilvera@google.com>

Tipp Moseley <tipp@google.com>

Hyoun Kyu Cho <netforce@google.com>

Martin Spier <spiermar@gmail.com>

Taco de Wolff <tacodewolff@gmail.com>

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Aamir Khan <syst3m.w0rm@gmail.com>

Aaron Beitch <aaronb@arista.com>

Aaron Bieber <deftly@gmail.com>

Aaron Cannon <cannona@fireantproductions.com>

Aaron France <aaron.l.france@gmail.com>

Aaron Jacobs <jacobsa@google.com>

Aaron Jensen <jensen.aaro@gmail.com>

Aaron Kemp <kemp.aaron@gmail.com>

Aaron Patterson <tenderlove@ruby-lang.org>

Aaron Stein <aaronstein12@gmail.com>  
Aaron Torres <tcboox@gmail.com>  
Aaron Zinman <aaron@azinman.com>  
Aarti Parikh <aarti.parikh@gmail.com>  
Abdullah Al Maruf <mymail.maruf@gmail.com>  
Abe Haskins <abeisgreat@abeisgreat.com>  
Abhinav Gupta <abhinav.g90@gmail.com>  
Adam Azarchs <adam.azarchs@10xgenomics.com>  
Adam Bender <abender@google.com>  
Adam Eijdenberg <adam@continusec.com>  
Adam Harvey <aharvey@php.net>  
Adam Kisala <adam.kisala@gmail.com>  
Adam Langley <agl@golang.org>  
Adam Medzinski <adam.medzinski@gmail.com>  
Adam Shannon <adamkshannon@gmail.com>  
Adam Shelton <aashelt90@gmail.com>  
Adam Sindelar <adamsh@google.com>  
Adam Thomason <athomason@gmail.com>  
Adam Williams <pwnfactory@gmail.com>  
Adam Woodbeck <adam@woodbeck.net>  
Adarsh Ravichandran <adarshravichandran91@gmail.com>  
Aditya Harindar <aditya.harindar@gmail.com>  
Aditya Mukerjee <dev@chimeracoder.net>  
Adrian Hesketh <adrianhesketh@hushmail.com>  
Adrian Nos <nos.adrian@gmail.com>  
Adrian O'Grady <elpollouk@gmail.com>  
Adrien Bustany <adrien-xx-google@bustany.org>  
Adrien Delorme <adrien.delorme@icloud.com>  
Adrien Petel <peteladrien@gmail.com>  
Acio Jnior <aeciodantasjunior@gmail.com>  
Aeneas Rekkas (arekkas) <aeneas@ory.am>  
Afanasev Stanislav <phpprogger@gmail.com>  
Agis Anastasopoulos <agis.anast@gmail.com>  
Agniva De Sarker <agnivade@yahoo.co.in>  
Ahmed Wahed <oneofone@gmail.com>  
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Ahmet Soormally <ahmet@mangomm.co.uk>  
Ahmy Yulrizka <yulrizka@gmail.com>  
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Aidan Coyle <packrat386@gmail.com>  
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Aishraj Dahal <aishraj@users.noreply.github.com>  
Ajanthan Balachandran <balaajanthan@gmail.com>  
Akhil Indurti <aindurti@gmail.com>  
Akihiro Suda <suda.kyoto@gmail.com>  
Akshat Kumar <seed@mail.nanosouffle.net>  
Al Cutter <al@google.com>

Alan Braithwaite <alan@ipaddr.org>  
Alan Donovan <adonovan@google.com>  
Alan Shreve <alan@inconshreveable.com>  
Albert Nigmatzianov <albertnigma@gmail.com>  
Albert Strasheim <fullung@gmail.com>  
Albert Teoh <albert.teoh@gmail.com>  
Albert Yu <yukinying@gmail.com>  
Alberto Bertogli <albertito@blitiri.com.ar>  
Alberto Donizetti <alb.donizetti@gmail.com>  
Alberto Garca Hierro <alberto@garciahierro.com> <alberto.garcia.hierro@gmail.com>  
Alec Benzer <alec.benzer@gmail.com>  
Aleksa Sarai <cyphar@cyphar.com>  
Aleksandar Dezelin <dezelin@gmail.com>  
Aleksandr Lukinykh <a.lukinykh@xsolla.com>  
Aleksandr Razumov <ar@cydev.ru>  
Alekseev Artem <a.artem060@gmail.com>  
Alessandro Arzilli <alessandro.arzilli@gmail.com>  
Alessandro Baffa <alessandro.baffa@gmail.com>  
Alex A Skinner <alex@lx.lc>  
Alex Brainman <alex.brainman@gmail.com>  
Alex Bramley <abramley@google.com>  
Alex Browne <stephenalexbrowne@gmail.com>  
Alex Buchanan <buchanae@gmail.com>  
Alex Carol <alex.carol.c@gmail.com>  
Alex Gaynor <alex@alloy.us>  
Alex Harford <alex.harford@saucelabs.com>  
Alex Hays <alex.hays@leftfieldlabs.com>  
Alex Jin <toalexjin@gmail.com>  
Alex Kohler <alexjohnkohler@gmail.com>  
Alex Myasoedov <msoedov@gmail.com>  
Alex Opie <amtopie@gmail.com>  
Alex Plugaru <alex@plugaru.org> <alexandru.plugaru@gmail.com>  
Alex Schroeder <alex@gnu.org>  
Alex Sergeev <abc@alexsergeev.com>  
Alex Tokarev <aleksator@gmail.com>  
Alex Vaghin <crhyme@google.com>  
Alex Zhirov <azhirov@google.com>  
Alexander Demakin <alexander.demakin@gmail.com>  
Alexander Dring <email@alex.d.ch>  
Alexander F Rdseth <alexander.rodseth@appeartv.com>  
Alexander Greim <alexxx@iltempo.de>  
Alexander Guz <kalimatas@gmail.com>  
Alexander Kauer <alexander@affine.space>  
Alexander Klauer <Alexander.Klauer@googlemail.com>  
Alexander Kucherenko <alxkchr@gmail.com>  
Alexander Larsson <alexander.larsson@gmail.com>  
Alexander Lourier <aml@rulezz.ru>  
Alexander Menzhinsky <amenzhinsky@gmail.com>



Alexander Morozov <lk4d4math@gmail.com>  
Alexander Neumann <alexander@bumpem.de>  
Alexander Nohe <alex.nohe427@gmail.com>  
Alexander Orlov <alexander.orlov@loxal.net>  
Alexander Pantyukhin <apantykhin@gmail.com>  
Alexander Polcyn <apolcyn@google.com>  
Alexander Rakoczy <alex@golang.org>  
Alexander Reece <awreece@gmail.com>  
Alexander Surma <surma@surmair.de>  
Alexander Zhavnerchik <alex.vizor@gmail.com>  
Alexander Zillion <alex@alexzillion.com>  
Alexander Zolotov <goldifit@gmail.com>  
Alexandr Mayorskiy <a.mayorskiy@corp.mail.ru>  
Alexandre Cesaro <alexandre.cesaro@gmail.com>  
Alexandre Fiori <fiorix@gmail.com>  
Alexandre Maari <draeron@gmail.com>  
Alexandre Normand <alexandre.normand@gmail.com>  
Alexandre Parentea <aubonbeurre@gmail.com>  
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Alexey Alexandrov <aalexand@google.com>  
Alexey Borzenkov <snaury@gmail.com>  
Alexey Naidonov <alexey.naidyonov@gmail.com>  
Alexey Neganov <neganovalexey@gmail.com>  
Alexey Palazhchenko <alexey.palazhchenko@gmail.com>  
Alexey Semenyuk <alexsemenyuk88@gmail.com>  
Alexey Vilenskiy <bynovhack@gmail.com>  
Alexis Hildebrandt <surryhill@gmail.com>  
Alexis Hunt <lexer@google.com>  
Alexis Imperial-Legrand <ail@google.com>  
Ali Farooq <ali.farooq0@pm.me>  
Ali Rizvi-Santiago <arizvisa@gmail.com>  
Aliaksandr Valialkin <valyala@gmail.com>  
Alice Merrick <amerrick@google.com>  
Alif Rachmawadi <subosito@gmail.com>  
Allan Simon <allan.simon@supinfo.com>  
Allen Li <ayatane@google.com>  
Alok Menghrajani <alok.menghrajani@gmail.com>  
Alwin Doss <alwindoss84@gmail.com>  
Aman Gupta <aman@tmm1.net>  
Amarjeet Anand <amarjeetanandsingh@gmail.com>  
Amir Mohammad Saied <amir@gluegadget.com>  
Amr Mohammed <merodiro@gmail.com>  
Amrut Joshi <amrut.joshi@gmail.com>  
An Long <aisk1988@gmail.com>  
An Xiao <hac@zju.edu.cn>  
Anand K. Mistry <anand@mistry.ninja>

Ananya Saxena <ananyasaxena1@gmail.com>  
Anatol Pomozov <anatol.pomozov@gmail.com>  
Anders Pearson <anders@columbia.edu>  
Anderson Queiroz <contato@andersonq.eti.br>  
Andr Carvalho <asantostc@gmail.com>  
Andr Martins <aanm90@gmail.com>  
Andre Nathan <andrenth@gmail.com>  
Andrea Nodari <andrea.nodari91@gmail.com>  
Andrea Spadaccini <spadaccio@google.com>  
Andreas Auernhammer <aead@mail.de>  
Andreas Jellinghaus <andreas@ionisiert.de> <anj@google.com>  
Andreas Litt <andreas.litt@gmail.com>  
Andrei Enshin <b1os@bk.ru>  
Andrei Gherzan <andrei@resin.io>  
Andrei Korzhevskii <a.korzhevskiy@gmail.com>  
Andrei Matei <andrei@cockroachlabs.com>  
Andrei Tudor Clin <mail@acln.ro>  
Andrei Vagin <avagin@google.com>  
Andrei Vieru <euvieru@gmail.com>  
Andres Erbsen <andreser@google.com>  
Andres Lowrie <andres.lowrie@gmail.com>  
Andrew Austin <andrewacht@gmail.com>  
Andrew Balholm <andybalholm@gmail.com>  
Andrew Benton <andrewmbenton@gmail.com>  
Andrew Bonventre <andybons@chromium.org>  
Andrew Braunstein <awbraunstein@gmail.com>  
Andrew Bursavich <abursavich@gmail.com>  
Andrew Ekstedt <andrew.ekstedt@gmail.com>  
Andrew Etter <andrew.etter@gmail.com>  
Andrew G. Morgan <agm@google.com>  
Andrew Gerrand <adg@golang.org>  
Andrew Harding <andrew@spacemonkey.com>  
Andrew Jackura <ajackura@google.com>  
Andrew Kemm <andrewkemm@gmail.com>  
Andrew Louis <alouis@digitalocean.com>  
Andrew Lutomirski <andy@luto.us>  
Andrew Medvedev <andrew.y.medvedev@gmail.com>  
Andrew Pilloud <andrewpilloud@igneoussystems.com>  
Andrew Pogrebnoy <absourd.noise@gmail.com>  
Andrew Poydence <apoydence@pivotal.io>  
Andrew Pritchard <awpritchard@gmail.com>  
Andrew Radev <andrey.radev@gmail.com>  
Andrew Skiba <skibaa@gmail.com>  
Andrew Stormont <astormont@racktopsystems.com>  
Andrew Stribblehill <ads@wompom.org>  
Andrew Szeto <andrew@jabagawee.com>  
Andrew Todd <andrew.todd@wework.com>  
Andrew Werner <andrew@upthere.com> <awerner32@gmail.com>

Andrew Wilkins <axwalk@gmail.com>  
Andrew Williams <williams.andrew@gmail.com>  
Andrew Z Allen <me@andrewzallen.com>  
Andrey Bokhanko <andreybokhanko@gmail.com>  
Andrey Mirtchovski <mirtchovski@gmail.com>  
Andrey Petrov <andrey.petrov@shazow.net>  
Andrii Soldatenko <andrii.soldatenko@gmail.com>  
Andrii Soluk <isoluchok@gmail.com>  
Andriy Lytvynov <lytvynov.a.v@gmail.com>  
Andrzej eel <andrii.zhezhel@gmail.com>  
Andy Balholm <andy@balholm.com>  
Andy Davis <andy@bigandian.com>  
Andy Finkenstadt <afinkenstadt@zynga.com>  
Andy Lindeman <andy@lindeman.io>  
Andy Maloney <asmaloney@gmail.com>  
Andy Pan <panjf2000@gmail.com>  
Andy Walker <walkeraj@gmail.com>  
Andy Wang <cbeuw.andy@gmail.com>  
Andy Williams <andy@andy.xyz>  
Andzej Maciusovic <andzej.maciusovic@gmail.com>  
Anfernee Yongkun Gui <anfernee.gui@gmail.com>  
Angelo Bulfone <mbulfone@gmail.com>  
Anh Hai Trinh <anh.hai.trinh@gmail.com>  
Anit Gandhi <anitgandhi@gmail.com>  
Ankit Goyal <ankit3goyal@gmail.com>  
Anmol Sethi <anmol@aubble.com>  
Annirudh Prasad <annirudh@wandb.com>  
Anschel Schaffer-Cohen <anschelse@gmail.com>  
Anthony Alves <cvballa3g0@gmail.com>  
Anthony Canino <anthony.canino1@gmail.com>  
Anthony Eufemio <anthony.eufemio@gmail.com>  
Anthony Fok <foka@debian.org>  
Anthony Martin <ality@pbrane.org>  
Anthony Sottile <asottile@umich.edu>  
Anthony Starks <ajstarks@gmail.com>  
Anthony Voutas <voutasaurus@gmail.com>  
Anthony Woods <awoods@raintank.io>  
Antoine GIRARD <sapk@sapk.fr>  
Antoine Martin <antoine97.martin@gmail.com>  
Anton Gyllenberg <anton@iki.fi>  
Anton Kuklin <anton.a.kuklin@gmail.com>  
Antonin Amand <antonin.amand@gmail.com>  
Antonio Antelo <aantelov87@gmail.com>  
Antonio Bibiano <antbbn@gmail.com>  
Antonio Huete Jimenez <tuxillo@quantumachine.net>  
Antonio Murdaca <runcom@redhat.com>  
Antonio Troina <thoeni@gmail.com>  
Anze Kolar <me@akolar.com>

Aofei Sheng <aofei@aofeisheng.com>  
Apisak Darakananda <pongad@gmail.com>  
Aram Hvrneanu <aram@mgk.ro>  
Araragi Hokuto <kanseihonbucho@protonmail.com>  
Arash Bina <arash@arash.io>  
Arda Gl <ardaguclu@gmail.com>  
Areski Belaid <areski@gmail.com>  
Ariel Mashraki <ariel@mashraki.co.il>  
Arkadi Pyuro <arkadi@google.com>  
Arlo Breault <arlolra@gmail.com>  
Arnaud Ysmal <arnaud.ysmal@gmail.com>  
Arne Hormann <arnehormann@gmail.com>  
Arnout Engelen <arnout@bzzt.net>  
Aron Nopanen <aron.nopanen@gmail.com>  
Artem Alekseev <artem.alekseev@intel.com>  
Artem Khvastunov <artem.khvastunov@jetbrains.com>  
Artem Kolin <artemkaxboy@gmail.com>  
Arthur Fabre <arthur@arthurfabre.com>  
Arthur Khashaev <arthur@khashaev.ru>  
Artyom Pervukhin <artyom.pervukhin@gmail.com>  
Arvindh Rajesh Tamilmani <art@a-30.net>  
Ashish Gandhi <ag@ashishgandhi.org>  
Asim Shankar <asimshankar@gmail.com>  
Assel Meher <asselmeher@gmail.com>  
Atin Malaviya <amalaviy@akamai.com>  
Ato Araki <ato.araki@gmail.com>  
Atsushi Toyama <atsushi.tohyama.160.333@gmail.com>  
Audrey Lim <audreylh@gmail.com>  
Audrius Butkevicius <audrius.butkevicius@gmail.com>  
Augusto Roman <aroman@gmail.com>  
Aulus Egnatius Varialus <varialus@gmail.com>  
Aurlien Rainone <aurelien.rainone@gmail.com>  
Aurlio A. Heckert <aurium@gmail.com>  
Austin Clements <austin@google.com> <aclements@csail.mit.edu>  
Avi Flax <avi@timehop.com>  
Aviv Klasquin Komissar <avivklas@gmail.com>  
awaw fumin <awawfumin@gmail.com>  
Awn Umar <awn@cryptolosophy.io>  
Axel Wagner <axel.wagner.hh@googlemail.com>  
Ayan George <ayan@ayan.net>  
Ayanamist Yang <ayanamist@gmail.com>  
Ayke van Laethem <aykevanlaethem@gmail.com>  
Aymerick Jhanne <aymerick@jehanne.org>  
Ayzat Sadykov <ayzat.ziko.93@gmail.com>  
Azat Kaumov <kaumov.a.r@gmail.com>  
Baiju Muthukadan <baiju.m.mail@gmail.com>  
Balaram Makam <bmakam.qdt@qualcommdatacenter.com>  
Balazs Lecz <leczb@google.com>

Baokun Lee <nototon@gmail.com>  
Barnaby Keene <accounts@southcla.ws>  
Bartosz Grzybowski <melkorm@gmail.com>  
Bartosz Oler <brtsz@google.com>  
Bastian Ike <bastian.ike@gmail.com>  
Ben Burkert <ben@benburkert.com>  
Ben Cartwright-Cox <Ben@Benjojo.co.uk>  
Ben Eitzen <eitzenb@golang.org>  
Ben Fried <ben.fried@gmail.com>  
Ben Haines <bhainesva@gmail.com>  
Ben Hoyt <benhoyt@gmail.com>  
Ben Kraft <benkraft@khanacademy.org>  
Ben Laurie <ben@links.org> <benl@google.com>  
Ben Lubar <ben.lubar@gmail.com>  
Ben Lynn <benlynn@gmail.com>  
Ben Olive <sionide21@gmail.com>  
Ben Schwartz <bemasc@google.com>  
Ben Shi <powerman1st@163.com>  
Ben Toews <mastahyeti@gmail.com>  
Benjamin Barenblat <bbaren@google.com>  
Benjamin Black <b@b3k.us>  
Benjamin Cable <cable.benjamin@gmail.com>  
Benjamin Hsieh <tanookiben@users.noreply.github.com>  
Benjamin Peterson <benjamin@python.org>  
Benjamin Prosnitz <bprosnitz@google.com>  
Benjamin Wester <bwester@squareup.com>  
Benjamin Wuethrich <benjamin.wuethrich@gmail.com>  
Benny Siegert <bsiegert@gmail.com>  
Benoit Sigoure <tsunanet@gmail.com>  
Berengar Lehr <Berengar.Lehr@gmx.de>  
Berkant Ipek <41230766+0xbkt@users.noreply.github.com>  
Bharath Thiruveedula <tbharath91@gmail.com>  
Bhavin Gandhi <bhavin7392@gmail.com>  
Bill Neubauer <wcn@golang.org> <wcn@google.com> <bill.neubauer@gmail.com>  
Bill O'Farrell <billo@ca.ibm.com>  
Bill Prin <waprin@google.com>  
Bill Thiede <couchmoney@gmail.com>  
Bill Zissimopoulos <billziss@navimatics.com>  
Billie Harold Cleek <bhcleek@gmail.com>  
Billy Lynch <wlynch@google.com>  
Billy Zaelani Malik <m.billyzaelani@gmail.com>  
Bjrn Erik Pedersen <bjorn.erik.pedersen@gmail.com>  
Bjorn Tillenius <bjorn@tillenius.me>  
Bjorn Tipling <bjorn.tipling@gmail.com>  
Blain Smith <rebelgeek@blainsmith.com>  
Blake Gentry <blakesgentry@gmail.com>  
Blake Mesdag <blakemesdag@gmail.com>  
Blake Miserany <blake.miserany@gmail.com>

Blixt <me@blixt.nyc>  
Bob Briski <rbriski@gmail.com>  
Bob McNaughton <bobmcn@gmail.com>  
Bob Potter <bobby.potter@gmail.com>  
Bobby DeSimone <bobbydesimone@gmail.com>  
Bobby Powers <bobbypowers@gmail.com>  
Boqin Qin <bobbqqin@gmail.com>  
Boris Nagaev <nagaev@google.com>  
Borja Clemente <borja.clemente@gmail.com>  
Boshi Lian <bolian@microsoft.com>  
Brad Burch <brad.burch@gmail.com>  
Brad Erickson <bderickson@gmail.com>  
Brad Fitzpatrick <bradfitz@golang.org> <bradfitz@gmail.com>  
Brad Garcia <bgarcia@golang.org>  
Brad Jones <rbjones@google.com>  
Brad Morgan <brad@morgabra.com>  
Brad Whitaker <bwhitaker@fastly.com>  
Braden Bassingthwaite <bbassingthwaite@vendasta.com>  
Bradford Lamson-Scribner <brad.lamson@gmail.com>  
Bradley Falzon <brad@teambrod.net>  
Brady Catherman <brady@gmail.com>  
Brady Sullivan <brady@bsull.com>  
Branden J. Brown <zephyrtronium@gmail.com>  
Brandon Bennett <bbennett@fb.com>  
Brandon Gilmore <varz@google.com>  
Brandon Philips <brandon@ifup.org>  
Brandon Ryan <bjryan19@gmail.com>  
Brave Cow <rsr715@gmail.com>  
Brayden Cloud <bcloud@google.com>  
Brendan Daniel Tracey <tracey.brendan@gmail.com>  
Brendan O'Dea <bod@golang.org>  
Brett Cannon <bcannon@gmail.com>  
Brett Merrill <brett.j.merrill94@gmail.com>  
Brian Dellisanti <briandellisanti@gmail.com>  
Brian Downs <brian.downs@gmail.com>  
Brian Falk <falk@logicparty.org>  
Brian G. Merrell <bgmerrell@gmail.com>  
Brian Gitonga Marete <marete@tohnix.com> <bgmarete@gmail.com> <bgm@google.com>  
Brian Kennedy <btkenney@gmail.com>  
Brian Kessler <brian.m.kessler@gmail.com>  
Brian Ketelsen <bketelsen@gmail.com>  
Brian Slesinsky <skybrian@google.com>  
Brian Smith <ohohvi@gmail.com>  
Brian Starke <brian.starke@gmail.com>  
Bryan Alexander <Kozical@msn.com>  
Bryan Boreham <bjboreham@gmail.com>  
Bryan C. Mills <bcmills@google.com>  
Bryan Chan <bryan.chan@ca.ibm.com>

Bryan Ford <brynosaurus@gmail.com>  
Bryan Heden <b.heden@gmail.com>  
Bulat Gaifullin <gaifullinbf@gmail.com>  
Burak Guven <bguven@gmail.com>  
Caine Tighe <arctanofyourface@gmail.com>  
Caio Marcelo de Oliveira Filho <caio.oliveira@intel.com>  
Caleb Martinez <accounts@calebmartinez.com>  
Caleb Spare <cespare@gmail.com>  
Carl Chatfield <carlchatfield@gmail.com>  
Carl Henrik Lunde <chlunde@ifi.uio.no>  
Carl Jackson <carl@stripe.com>  
Carl Johnson <me@carlmjohnson.net>  
Carl Mastrangelo <notcarl@google.com>  
Carl Shapiro <cshapiro@google.com> <cshapiro@golang.org>  
Carlisia Campos <carlisia@grokingtech.io>  
Carlo Alberto Ferraris <cafxx@strayorange.com>  
Carlos Alexandro Becker <caarlos0@gmail.com>  
Carlos Amedee <carlos@golang.org>  
Carlos Castillo <cookieo9@gmail.com>  
Carlos Cirello <uldericofilho@gmail.com>  
Carlos Eduardo <me@carlosedp.com>  
Carlos Eduardo Seo <cseo@linux.vnet.ibm.com>  
Carlos Iriarte <ciriarte@gmail.com>  
Carlos Souza <carloshrsouza@gmail.com>  
Carolyn Van Slyck <me@carolynvanslyck.com>  
Carrie Bynon <cbynon@gmail.com>  
Cary Hull <chull@google.com>  
Case Nelson <case.nelson@gmail.com>  
Casey Callendrello <squeed@gmail.com>  
Casey Marshall <casey.marshall@gmail.com>  
Catalin Nicutar <cnicutar@google.com>  
Catalin Patulea <catalinp@google.com>  
Cathal O'Callaghan <cathalsocallaghan@gmail.com>  
Cedric Staub <cs@squareup.com>  
Cezar S Espinola <cezarsa@gmail.com>  
Chad Rosier <mrosier.qdt@qualcommdatacenter.com>  
ChaiShushan <chaishushan@gmail.com>  
Changkun Ou <hi@changkun.us>  
Channing Kimble-Brown <channing@golang.org>  
Chao Xu <xuchao@google.com>  
Charles Fenwick Elliott <Charles@FenwickElliott.io>  
Charles Kenney <charlesc.kenney@gmail.com>  
Charles L. Dorian <cldorian@gmail.com>  
Charles Lee <zombie.fml@gmail.com>  
Charles Weill <weill@google.com>  
Charlotte Brandhorst-Satzkorn <catzkorn@gmail.com>  
Chauncy Cullitan <chauncyc@google.com>  
Chen Zhidong <njutczd@gmail.com>

Chen Zhihan <energiehund@gmail.com>  
Cherry Zhang <cherryyz@google.com>  
Chew Choon Keat <choonkeat@gmail.com>  
Chiawen Chen <golopot@gmail.com>  
Chirag Sukhala <cchirag77@gmail.com>  
Cholerae Hu <choleraehyq@gmail.com>  
Chotepud Teo <AlexRouSg@users.noreply.github.com>  
Chris Ball <chris@printf.net>  
Chris Biscardi <chris@christopherbiscardi.com>  
Chris Broadfoot <cbro@golang.org>  
Chris Dollin <ehog.hedge@gmail.com>  
Chris Farmiloe <chrisfarms@gmail.com>  
Chris Hines <chris.cs.guy@gmail.com>  
Chris Howey <howeyc@gmail.com>  
Chris Hundt <hundt@google.com>  
Chris Jones <chris@cjones.org> <chris.jones.yar@gmail.com>  
Chris Kastorff <encryptio@gmail.com>  
Chris Le Roy <brompwnie@users.noreply.github.com>  
Chris Lennert <calennert@gmail.com>  
Chris Liles <caveryliles@gmail.com>  
Chris Manghane <cmang@golang.org>  
Chris Marchesi <chrism@vancluevertech.com>  
Chris McGee <sirnewton\_01@yahoo.ca> <newton688@gmail.com>  
Chris Raynor <raynor@google.com>  
Chris Roche <rodaine@gmail.com>  
Chris Smith <chrsmith@users.noreply.github.com>  
Chris Stockton <chrisstocktonaz@gmail.com>  
Chris Taylor <taylorza@gmail.com>  
Chris Waldon <christopher.waldon.dev@gmail.com>  
Chris Zou <chriszou@ca.ibm.com>  
Christian Alexander <christian@linux.com>  
Christian Couder <chriscool@tuxfamily.org>  
Christian Himpel <chressie@googlemail.com> <chressie@gmail.com>  
Christian Muehlhaeuser <muesli@gmail.com>  
Christian Pellegrin <chri@evolware.org>  
Christian R. Petrin <christianpetrin@gmail.com>  
Christian Svensson <blue@cmd.nu>  
Christine Hansmann <chhansmann@gmail.com>  
Christoffer Buchholz <christoffer.buchholz@gmail.com>  
Christoph Blecker <admin@toph.ca>  
Christoph Hack <christoph@tux21b.org>  
Christopher Cahoon <chris.cahoon@gmail.com>  
Christopher Guiney <chris@guiney.net>  
Christopher Henderson <chris@chenderson.org>  
Christopher Hlubek <christopher.hlubek@networkteam.com>  
Christopher Koch <chrisko@google.com>  
Christopher Loessl <cloessl+github@gmail.com>  
Christopher Nelson <nadiasvertex@gmail.com>



Christopher Nielsen <m4dh4tt3r@gmail.com>  
Christopher Redden <christopher.redden@gmail.com>  
Christopher Swenson <cswenson@google.com>  
Christopher Wedgwood <cw@f00f.org>  
Christos Zoulas <christos@zoulas.com> <zoulasc@gmail.com>  
Christy Perez <christy@linux.vnet.ibm.com>  
CL Sung <clsung@gmail.com> <cl\_sung@htc.com>  
Clment Chigot <clement.chigot@atos.net>  
Clement Skau <clementskaug@gmail.com>  
Clint J. Edwards <clint.j.edwards@gmail.com>  
Cody Oss <the.cody.oss@gmail.com>  
Colby Ranger <cranger@google.com>  
Colin Arnott <colin@urandom.co.uk>  
Colin Cross <ccross@android.com>  
Colin Edwards <colin@recursivepenguin.com>  
Colin Kennedy <moshen.colin@gmail.com>  
Colin Nelson <colnnelson@google.com>  
Colin Rice <clr@google.com>  
Conrad Irwin <conrad.irwin@gmail.com>  
Conrad Meyer <cemeyer@cs.washington.edu>  
Conrado Gouvea <conradopl@gmail.com>  
Constantin Konstantinidis <constantinkonstantinidis@gmail.com>  
Corey Thomasson <cthom.lists@gmail.com>  
Corne van der Plas <vdplas@gmail.com>  
Cosmos Nicolaou <cnicolaou@google.com>  
Costin Chirvasuta <ctin@google.com>  
Craig Citro <craigcitro@google.com>  
Cristian Staretu <unclejacksons@gmail.com>  
Cuihtlauac ALVARADO <cuihtlauac.alvarado@orange.com>  
Cuong Manh Le <cuong@orijtech.com>  
Curtis La Graff <curtis@lagraff.me>  
Cyrill Schumacher <cyrrill@schumacher.fm>  
Dai Jie <gzdaijie@gmail.com>  
Daisuke Fujita <dtanshi45@gmail.com>  
Daisuke Suzuki <daisuzu@gmail.com>  
Daker Fernandes Pinheiro <daker.fernandes.pinheiro@intel.com>  
Damian Gryski <dgryski@gmail.com>  
Damien Lespiau <damien.lespiau@gmail.com> <damien.lespiau@intel.com>  
Damien Mathieu <42@dmathieu.com>  
Damien Neil <dneil@google.com>  
Damien Tournoud <damien@platform.sh>  
Dan Ballard <dan@mindstab.net>  
Dan Caddigan <goldcaddy77@gmail.com>  
Dan Callahan <dan.callahan@gmail.com>  
Dan Harrington <harringtond@google.com>  
Dan Jacques <dnj@google.com>  
Dan Johnson <computerdruid@google.com>  
Dan Peterson <dpiddy@gmail.com>

Dan Pupius <dan@medium.com>  
Dan Scales <danscales@google.com>  
Dan Sinclair <dan.sinclair@gmail.com>  
Daniel Cohen <dcohen@gatech.edu>  
Daniel Cormier <danielc@knowbe4.com>  
Danil de Kok <me@danieldk.eu>  
Daniel Fleischman <danielfleischman@gmail.com>  
Daniel Ingram <ingramds@appstate.edu>  
Daniel Johansson <dajo2002@gmail.com>  
Daniel Kerwin <d.kerwin@gini.net>  
Daniel Kessler <dkess@google.com>  
Daniel Krech <eikeon@eikeon.com>  
Daniel Kumor <rdkumor@gmail.com>  
Daniel Langner <s8572327@gmail.com>  
Daniel Lidn <daniel.liden.87@gmail.com>  
Daniel Lublin <daniel@lublin.se>  
Daniel Mangum <georgedanielmangum@gmail.com>  
Daniel Mart <mvdan@mvdan.cc>  
Daniel McCarney <cpu@letsencrypt.org>  
Daniel Morsing <daniel.morsing@gmail.com>  
Daniel Nadasi <dnadasi@google.com>  
Daniel Nephin <dnephin@gmail.com>  
Daniel Ortiz Pereira da Silva <daniel.particular@gmail.com>  
Daniel S. Fava <danielsfava@gmail.com>  
Daniel Skinner <daniel@dasa.cc>  
Daniel Speichert <daniel@speichert.pl>  
Daniel Theophanes <kardianos@gmail.com>  
Daniel Upton <daniel@floppy.co>  
Daniela Petruzalek <daniela.petruszalek@gmail.com>  
Danish Dua <danishdua@google.com>  
Danish Prakash <grafitykoncept@gmail.com>  
Danny Rosseau <daniel.rosseau@gmail.com>  
Daria Kolistratova <daria.kolistratova@intel.com>  
Darien Raymond <admin@v2ray.com>  
Darren Elwood <darren@textnode.com>  
Darren Grant <darren.e.grant@gmail.com>  
Darren McCleary <darren.rmc@gmail.com>  
Darshan Parajuli <parajulidarshan@gmail.com>  
Datong Sun <dndx@idndx.com>  
Dave Borowitz <dborowitz@google.com>  
Dave Bort <dbort@golang.org>  
Dave Cheney <dave@cheney.net>  
Dave Day <djd@golang.org>  
Dave Grijalva <dgrijalva@ngmoco.com>  
Dave MacFarlane <driusan@gmail.com>  
Dave Pifke <dave@pifke.org>  
Dave Russell <forfuncsake@gmail.com>  
David Anderson <danderson@google.com>

David Barnett <dbarnett@google.com>  
David Benjamin <davidben@google.com>  
David Bond <davidsbond93@gmail.com>  
David Brophy <dave@brophy.uk>  
David Brgin <676c7473@gmail.com>  
David Calavera <david.calavera@gmail.com>  
David Carlier <devnexen@gmail.com>  
David Carter <fresco.raja@gmail.com>  
David Chase <drchase@google.com>  
David Covert <davidhcovert@gmail.com>  
David Crawshaw <david.crawshaw@zentus.com> <crawshaw@google.com> <crawshaw@golang.org>  
David du Colombier <0intro@gmail.com>  
David Finkel <david.finkel@gmail.com>  
David Forsythe <dforsythe@gmail.com>  
David G. Andersen <dave.andersen@gmail.com>  
David Glasser <glasser@meteor.com>  
David Golden <david@autopragmatic.com>  
David Heuschmann <heuschmann.d@gmail.com>  
David Howden <dhowden@gmail.com>  
David Hubbard <dsp@google.com>  
David Jakob Fritz <david.jakob.fritz@gmail.com>  
David Jones <dxjones@gmail.com>  
David Lazar <lazard@golang.org>  
David Leon Gil <coruus@gmail.com>  
David McLeish <davemc@google.com>  
David Ndungu <dnjuguna@gmail.com>  
David NewHamlet <david@newhamlet.com>  
David Presotto <presotto@gmail.com>  
David Qu <davidqu12345@gmail.com>  
David R. Jenni <david.r.jenni@gmail.com>  
David Sansome <me@davidsansome.com>  
David Stainton <dstainton415@gmail.com>  
David Symonds <dsymonds@golang.org>  
David Thomas <davidthomas426@gmail.com>  
David Timm <dtimm@pivotal.io>  
David Titarenco <david.titarenco@gmail.com>  
David Tolpin <david.tolpin@gmail.com>  
David Url <david@urld.io>  
David Volquartz Lebech <david@lebech.info>  
David Wimmer <davidlwimmer@gmail.com>  
Davies Liu <davies.liu@gmail.com>  
Davor Kapsa <davor.kapsa@gmail.com>  
Dean Eigenmann <7621705+decanus@users.noreply.github.com>  
Dean Prichard <dean.prichard@gmail.com>  
Deepak Jois <deepak.jois@gmail.com>  
Denis Bernard <db047h@gmail.com>  
Denis Brandolini <denis.brandolini@gmail.com>  
Denis Isaev <idenx@yandex.com>

Denis Nagorny <denis.nagorny@intel.com>  
Dennis Kuhnert <mail.kuhnert@gmail.com>  
Denys Honsiorovskyi <honsiorovskyi@gmail.com>  
Denys Smirnov <denis.smirnov.91@gmail.com>  
Derek Buitenhuis <derek.buitenhuis@gmail.com>  
Derek Che <drc@yahoo-inc.com>  
Derek McGowan <derek@mcgstyle.net>  
Derek Parker <parkerderek86@gmail.com>  
Derek Phan <derekphan94@gmail.com>  
Derek Shockey <derek.shockey@gmail.com>  
Dev Ojha <dojha12@gmail.com>  
Dev Zhoujun <dev.zhoujun@gmail.com>  
Devon H. O'Dell <devon.odell@gmail.com>  
Dhaivat Pandit <dhaivatpandit@gmail.com>  
Dhananjay Nakrani <dhananjayn@google.com>  
Dhiru Kholia <dhiru.kholia@gmail.com>  
Dhruvdudd Jadhav <dhrvdudd.jadhav@gmail.com>  
Di Xiao <dixiao@google.com>  
Didier Spezia <didier.06@gmail.com>  
Diego Siqueira <diego9889@gmail.com>  
Dieter Plaetinck <dieter@raintank.io>  
Dimitri Sokolyuk <sokolyuk@gmail.com>  
Dimitri Tcaciuc <dtcaciuc@gmail.com>  
Dina Garmash <dgrmsh@gmail.com>  
Diogo Pinela <diogoid7400@gmail.com>  
Dirk Gadsden <dirk@esherido.com>  
Diwaker Gupta <diwakergupta@gmail.com>  
Dmitri Goutnik <dgoutnik@gmail.com>  
Dmitri Popov <operator@cv.dp-net.com>  
Dmitri Shuralyov <dmitshur@golang.org> <dmitri@shuralyov.com>  
Dmitrii Okunev <xaionaro@gmail.com>  
Dmitriy Cherchenko <dcherchenko@gmail.com>  
Dmitriy Dudkin <dudkin.dmitriy@gmail.com>  
Dmitriy Shelenin <deemok@googlemail.com> <deemok@gmail.com>  
Dmitriy Vyukov <dvyukov@google.com>  
Dmitry Chestnykh <dchest@gmail.com>  
Dmitry Doroginin <doroginin@gmail.com>  
Dmitry Mottl <dmitry.mottl@gmail.com>  
Dmitry Neverov <dmitry.neverov@gmail.com>  
Dmitry Savintsev <dsavints@gmail.com>  
Dmitry Yakunin <nonamezeil@gmail.com>  
Doga Fincan <doga@icloud.com>  
Domas Tamauskas <puerdomus@gmail.com>  
Domen Ipavec <domen@ipavec.net>  
Dominic Della Valle <ddvpublic@Gmail.com>  
Dominic Green <dominicgreen1@gmail.com>  
Dominik Honnef <dominik.honnef@gmail.com>  
Dominik Vogt <vogt@linux.vnet.ibm.com>

Don Byington <don@dbyington.com>  
Donald Huang <don.hcd@gmail.com>  
Dong-hee Na <donghee.na92@gmail.com>  
Donovan Hide <donovanhide@gmail.com>  
Doug Anderson <douga@google.com>  
Doug Fawley <dfawley@google.com>  
Douglas Danger Manley <doug.manley@gmail.com>  
Drew Flower <drewvanstone@gmail.com>  
Drew Hintz <adhintz@google.com>  
Duco van Amstel <duco.vanamstel@gmail.com>  
Duncan Holm <mail@frou.org>  
Dustin Carlino <dcarlino@google.com>  
Dustin Herbison <djherbis@gmail.com>  
Dustin Long <dustmop@gmail.com>  
Dustin Sallings <dsallings@gmail.com>  
Dustin Shields-Cloues <dcloues@gmail.com>  
Dvir Volk <dvir@everything.me> <dvirsky@gmail.com>  
Dylan Waits <dylan@waits.io>  
Ed Schouten <ed@nuxi.nl>  
Edan Bedrik <3d4nb3@gmail.com>  
Eddie Scholtz <escholtz@google.com>  
Eden Li <eden.li@gmail.com>  
Eduard Urbach <e.urbach@gmail.com>  
Eduardo Ramalho <eduardo.ramalho@gmail.com>  
Eduardo Villaseor <evillasrmx@gmail.com>  
Edward Muller <edwardam@interlix.com>  
Egon Elbre <egonelbre@gmail.com>  
Ehren Kret <ehren.kret@gmail.com>  
Eitan Adler <lists@eitanadler.com>  
Eivind Uggedal <eivind@uggedal.com>  
Elbert Fliek <efliek@gmail.com>  
Eldar Rakhimberdin <ibeono@gmail.com>  
Elena Grahovac <elena@grahovac.me>  
Eli Bendersky <eliben@google.com>  
Elias Naur <mail@eliasnaur.com> <elias.naur@gmail.com>  
Elliot Morrison-Reed <elliottmr@gmail.com>  
Ellison Leao <ellisonleao@gmail.com>  
Emerson Lin <linyintor@gmail.com>  
Emil Bektimirov <lefelys@gmail.com>  
Emil Hessman <emil@hessman.se>  
Emil Mursalimov <mursalimovemeel@gmail.com>  
Emilien Kenler <hello@emilienkenler.com>  
Emmanuel Odeke <emm.odeke@gmail.com> <odeke@ualberta.ca>  
Emrecan Bati <emrecanbati@gmail.com>  
Eno Compton <enocom@google.com>  
Eoghan Sherry <ejsherry@gmail.com>  
Eric Biggers <ebiggers@google.com>  
Eric Brown <browne@vmware.com>

Eric Chiang <eric.chiang.m@gmail.com>  
Eric Clark <zerohp@gmail.com>  
Eric Daniels <eric@erdaniels.com>  
Eric Engestrom <eric@engestrom.ch>  
Eric Garrido <ekg@google.com>  
Eric Koleda <ekoleda+devrel@google.com>  
Eric Lagergren <ericscottlagergren@gmail.com>  
Eric Milliken <emilliken@gmail.com>  
Eric Pauley <eric@pauley.me>  
Eric Ponce <tricokun@gmail.com>  
Eric Rescorla <ekr@rtfm.com>  
Eric Roshan-Eisner <eric.d.eisner@gmail.com>  
Eric Rutherford <erutherford@gmail.com>  
Eric Rykwaldler <e.rykwaldler@gmail.com>  
Erick Tryzelaar <etryzelaar@google.com>  
Erik Aigner <aigner.erik@gmail.com>  
Erik Dubbelboer <erik@dubbelboer.com>  
Erik St. Martin <alakriti@gmail.com>  
Erik Staab <estaab@google.com>  
Erik Westrup <erik.westrup@gmail.com>  
Erin Masatsugu <erin.masatsugu@gmail.com>  
Ernest Chiang <ernest\_chiang@htc.com>  
Erwin Oegema <blablaechthema@hotmail.com>  
Esko Luontola <esko.luontola@gmail.com>  
Ethan Burns <eaburns@google.com>  
Ethan Miller <eamiller@us.ibm.com>  
Euan Kemp <euank@euank.com>  
Eugene Formanenko <mo4islona@gmail.com>  
Eugene Kalinin <e.v.kalinin@gmail.com>  
Evan Broder <evan@stripe.com>  
Evan Brown <evanbrown@google.com>  
Evan Digby <evandigby@gmail.com>  
Evan Hicks <evan.hicks2@gmail.com>  
Evan Jones <ej@evanjones.ca>  
Evan Klitzke <evan@eklitzke.org>  
Evan Kroske <evankroske@google.com>  
Evan Martin <evan.martin@gmail.com>  
Evan Phoenix <evan@phx.io>  
Evan Shaw <chickencha@gmail.com>  
Evgeniy Kulikov <tuxuls@gmail.com>  
Evgeniy Polyakov <zbr@iorem.net>  
Ewan Chou <coocood@gmail.com>  
Ewan Valentine <ewan.valentine89@gmail.com>  
Eyal Posener <posener@gmail.com>  
Fabian Wickborn <fabian@wickborn.net>  
Fabian Zaremba <fabian@youreemail.eu>  
Fabrizio Milo <mistobaan@gmail.com>  
Faiyaz Ahmed <ahmedf@vmware.com>

Fan Hongjian <fan.howard@gmail.com>  
Fangming Fang <fangming.fang@arm.com>  
Fannie Zhang <fannie.zhang@arm.com>  
Fatih Arslan <fatih@arslan.io>  
Fazal Majid <majid@apsalar.com>  
Fazlul Shahriar <fshahriar@gmail.com>  
Federico Bond <federicobond@gmail.com>  
Federico Guerinoni <guerinoni.federico@gmail.com>  
Federico Simoncelli <fsimonce@redhat.com>  
Fedor Indutny <fedor@indutny.com>  
Fedor Korotkiy <dartslon@gmail.com>  
Felipe Oliveira <felipeweb.programador@gmail.com>  
Felix Bnemann <Felix.Buenemann@gmail.com>  
Felix Cornelius <9767036+fcornelius@users.noreply.github.com>  
Felix Geisendrfer <haimuiba@gmail.com>  
Felix Kollmann <fk@konsorten.de>  
Ferenc Szabo <frncmx@gmail.com>  
Filip Gruszczyski <gruszczyski@gmail.com>  
Filip Haglund <drathier@users.noreply.github.com>  
Filip Stanis <fstanis@google.com>  
Filippo Valsorda <filippo@golang.org> <filippo@cloudflare.com> <hi@filippo.io>  
Firmansyah Adiputra <frm.adiputra@gmail.com>  
Florian Forster <octo@google.com>  
Florian Uekermann <florian@uekermann-online.de> <fl1@uekermann-online.de>  
Florian Weimer <fw@deneb.enyo.de>  
Florin Patan <florinpatan@gmail.com>  
Folke Behrens <folke@google.com>  
Ford Hurley <ford.hurley@gmail.com>  
Francesc Campoy <campoy@golang.org>  
Francesco Guardiani <francescoguard@gmail.com>  
Francesco Renzi <rentziass@gmail.com>  
Francisco Claude <fclaud@recoded.cl>  
Francisco Rojas <francisco.rojas.gallegos@gmail.com>  
Francisco Souza <franciscossouza@gmail.com>  
Frank Schroeder <frank.schroeder@gmail.com>  
Frank Somers <fsomers@arista.com>  
Frederic Guillot <frederic.guillot@gmail.com>  
Frederick Kelly Mayle III <frederickmayle@gmail.com>  
Frederik Ring <frederik.ring@gmail.com>  
Frederik Zipp <fzipp@gmx.de>  
Fredrik Enestad <fredrik.enestad@soundtrackyourbrand.com>  
Fredrik Forsmo <fredrik.forsmo@gmail.com>  
Fredrik Wallgren <fredrik.wallgren@gmail.com>  
Frew Schmidt <github@frew.co>  
Frithjof Schulze <schulze@math.uni-hannover.de> <sfritjhof@gmail.com>  
Frits van Bommel <fvbommel@gmail.com>  
Fujimoto Kyosuke <kyoro.f@gmail.com>  
Fumitoshi Ukai <ukai@google.com>

G. Hussain Chinoy <ghchinoy@gmail.com>  
Gaal Yahas <gaal@google.com>  
Gabrel Arthr Ptursson <gabriel@system.is>  
Gabriel Aszalos <gabriel.aszalos@gmail.com>  
Gabriel Guzman <gabe.guzman@gmail.com>  
Gabriel Nelle <tehsphinx@web.de>  
Gabriel Nicolas Avellaneda <avellaneda.gabriel@gmail.com>  
Gabriel Rosenhouse <rosenhouse@gmail.com>  
Gabriel Russell <gabriel.russell@gmail.com>  
Gareth Paul Jones <gpj@foursquare.com>  
Garret Kelly <gdk@google.com>  
Garrick Evans <garrick@google.com>  
Garry McNulty <garrmcnu@gmail.com>  
Gary Burd <gary@beagledreams.com> <gary.burd@gmail.com>  
Gary Elliott <garyelliott@google.com>  
Gaurav Singh <gaurav1086@gmail.com>  
Gaurish Sharma <contact@aurishsharma.com>  
Gautham Thambidorai <gautham.dorai@gmail.com>  
Gauthier Jolly <gauthier.jolly@gmail.com>  
Gawen Arab <gawen.arab@c.zen.ly>  
Geert-Johan Riemer <gjr19912@gmail.com>  
Genevieve Luyt <genevieve.luyt@gmail.com>  
Gengliang Wang <ltnwgl@gmail.com>  
Geoff Berry <gberry.qdt@qualcommdatacenter.com>  
Geoffroy Lorieux <lorieux.g@gmail.com>  
Geon Kim <geon0250@gmail.com>  
Georg Reinke <guelfey@gmail.com>  
George Gkirtsou <ggirtsou@gmail.com>  
George Hartzell <hartzell@alerce.com>  
George Shammass <george@shamm.as> <georgyo@gmail.com>  
George Tsilias <tsiliasg@gmail.com>  
Gerasimos (Makis) Maropoulos <kataras2006@hotmail.com>  
Gerasimos Dimitriadis <gedimitr@gmail.com>  
Gergely Brautigam <skarlso777@gmail.com>  
Gernot Vormayr <gvormayr@gmail.com>  
Gert Cuykens <gert.cuykens@gmail.com>  
Getulio Snchez <valentin2507@gmail.com>  
Ghazni Nattarshah <ghazni.nattarshah@gmail.com>  
Gianguido Sora` <g.sora4@gmail.com>  
Gideon Jan-Wessel Redelinghuys <gjredelinghuys@gmail.com>  
Giles Lean <giles.lean@pobox.com>  
Giovanni Bajo <rasky@develer.com>  
GitHub User @aca (50316549) <acadx0@gmail.com>  
GitHub User @ajnrp (1688456) <ajnrp@users.noreply.github.com>  
GitHub User @ajz01 (4744634) <ajzdenek@gmail.com>  
GitHub User @alkesh26 (1019076) <alkesh26@gmail.com>  
GitHub User @andig (184815) <cpuidle@gmx.de>  
GitHub User @andrius4669 (4699695) <andrius4669@gmail.com>



GitHub User @as (8127015) <as.utf8@gmail.com>  
GitHub User @bakape (7851952) <bakape@gmail.com>  
GitHub User @bgadrian (830001) <aditza8@gmail.com>  
GitHub User @bontequero (2674999) <bontequero@gmail.com>  
GitHub User @cch123 (384546) <buaa.cch@gmail.com>  
GitHub User @chainhelen (7046329) <chainhelen@gmail.com>  
GitHub User @chanxuehong (3416908) <chanxuehong@gmail.com>  
GitHub User @cncal (23520240) <flycalvin@qq.com>  
GitHub User @DQNEO (188741) <dqneo@gmail.com>  
GitHub User @Dreamacro (8615343) <chuainian@gmail.com>  
GitHub User @dupoxy (1143957) <dupoxy@users.noreply.github.com>  
GitHub User @erifan (31343225) <eric.fang@arm.com>  
GitHub User @esell (9735165) <eujon.sellers@gmail.com>  
GitHub User @fatedier (7346661) <fatedier@gmail.com>  
GitHub User @frenkie (6499251) <mail@rhab.de>  
GitHub User @geedchin (11672310) <geedchin@gmail.com>  
GitHub User @GrigoriyMikhalkin (3637857) <grigoriymikhalkin@gmail.com>  
GitHub User @hengwu0 (41297446) <41297446+hengwu0@users.noreply.github.com>  
GitHub User @hitzhangjie (3725760) <hit.zhangjie@gmail.com>  
GitHub User @itchyny (375258) <itchyny@hatena.ne.jp>  
GitHub User @jinmiaoluo (39730824) <jinmiaoluo@icloud.com>  
GitHub User @jobbrown (6345470) <msshane2008@gmail.com>  
GitHub User @kazysshr (30496953) <kazysshr0301@gmail.com>  
GitHub User @kc1212 (1093806) <kc1212@users.noreply.github.com>  
GitHub User @Kropekk (13366453) <kamilkropiewnicki@gmail.com>  
GitHub User @linguohua (3434367) <lghchinaidea@gmail.com>  
GitHub User @LotusFenn (13775899) <fenn.lotus@gmail.com>  
GitHub User @ly303550688 (11519839) <yang.liu636@gmail.com>  
GitHub User @madiganz (18340029) <zacharywmadigan@gmail.com>  
GitHub User @maltalex (10195391) <code@bit48.net>  
GitHub User @markruler (38225900) <csu0414@gmail.com>  
GitHub User @Matts966 (28551465) <Matts966@users.noreply.github.com>  
GitHub User @micnncim (21333876) <micnncim@gmail.com>  
GitHub User @mkishere (224617) <224617+mkishere@users.noreply.github.com>  
GitHub User @nu50218 (40682920) <nu\_ll@icloud.com>  
GitHub User @OlgaVlPetrova (44112727) <OVPPetrova@gmail.com>  
GitHub User @pityonline (438222) <pityonline@gmail.com>  
GitHub User @po3rin (29445112) <abctail30@gmail.com>  
GitHub User @pokutuna (57545) <popopopokutuna@gmail.com>  
GitHub User @pytimer (17105586) <lixin20101023@gmail.com>  
GitHub User @ramenjuniti (32011829) <ramenjuniti@gmail.com>  
GitHub User @saitarunreddy (21041941) <saitarunreddypalla@gmail.com>  
GitHub User @shogo-ma (9860598) <Chorama194@gmail.com>  
GitHub User @skanehira (7888591) <sho19921005@gmail.com>  
GitHub User @soolaugust (10558124) <soolaugust@gmail.com>  
GitHub User @surechen (7249331) <surechen17@gmail.com>  
GitHub User @tatsumack (4510569) <tatsu.mack@gmail.com>  
GitHub User @tell-k (26263) <ffk2005@gmail.com>

GitHub User @tennashi (10219626) <tennashio@gmail.com>  
GitHub User @uhei (2116845) <uhei@users.noreply.github.com>  
GitHub User @uropek (39370426) <uropek@gmail.com>  
GitHub User @utkarsh-extc (53217283) <utkarsh.extc@gmail.com>  
GitHub User @witchard (4994659) <witchard@hotmail.co.uk>  
GitHub User @yah01 (12216890) <kagaminehuan@gmail.com>  
GitHub User @yuanhh (1298735) <yuan415030@gmail.com>  
GitHub User @zikaeroh (48577114) <zikaeroh@gmail.com>  
GitHub User @ZZMarquis (7624583) <zhonglingjian3821@163.com>  
Giulio Iotti <dullgiulio@gmail.com>  
Giulio Micheloni <giulio.micheloni@gmail.com>  
Giuseppe Valente <gvalente@arista.com>  
Gleb Stepanov <glebstepanov1992@gmail.com>  
Glenn Brown <glennb@google.com>  
Glenn Lewis <gmlewis@google.com>  
Gordon Klaus <gordon.klaus@gmail.com>  
Gordon Tyler <gordon@doxxx.net>  
Graham King <graham4king@gmail.com>  
Graham Miller <graham.miller@gmail.com>  
Grant Griffiths <ggp493@gmail.com>  
Green Lightning <GreenLightning.git@googlemail.com>  
Greg Poirier <greg.istehbest@gmail.com>  
Greg Steuck <gnezdo+github@google.com>  
Greg Thelen <gthelen@google.com>  
Greg Ward <greg@gerg.ca>  
Grgoire Delattre <gregoire.delattre@gmail.com>  
Gregory Man <man.gregory@gmail.com>  
Gregory Petrosyan <gregory.petrosyan@gmail.com>  
Guilherme Caruso <gui.martinscaruso@gmail.com>  
Guilherme Garnier <guilherme.garnier@gmail.com>  
Guilherme Goncalves <guilhermeaugustosg@gmail.com>  
Guilherme Rezende <guilhermebr@gmail.com>  
Guillaume J. Charmes <guillaume@charmes.net>  
Guillaume Sottas <guillaumesottas@gmail.com>  
Gnther Noack <gnoack@google.com>  
Guobiao Mei <meiguobiao@gmail.com>  
Guoliang Wang <iamwgliang@gmail.com>  
Gustav Paul <gustav.paul@gmail.com>  
Gustav Westling <gustav@westling.xyz>  
Gustavo Franco <gustavorfranco@gmail.com>  
Gustavo Niemeyer <gustavo@niemeyer.net> <n13m3y3r@gmail.com>  
Gwenael Treguier <gwenn.kahz@gmail.com>  
Gyu-Ho Lee <gyuhox@gmail.com>  
H. brahim Gngr <igungor@gmail.com>  
Hajime Hoshi <hajimehoshi@gmail.com>  
Hallgrimur Gunnarsson <halg@google.com>  
HAMANO Tsukasa <hamano@osstech.co.jp>  
Han-Wen Nienhuys <hanwen@google.com>

Hang Qian <hangqian90@gmail.com>  
Hanjun Kim <hallazzang@gmail.com>  
Hanlin Shi <shihanlin9@gmail.com>  
Haoran Luo <haoran.luo@chaitin.com>  
Haosdent Huang <haosdent@gmail.com>  
Harald Nordgren <haraldnordgren@gmail.com>  
Hari haran <hariharan.uno@gmail.com>  
Hariharan Srinath <srinathh@gmail.com>  
Harley Laue <losinggeneration@gmail.com>  
Harry Moreno <morenoh149@gmail.com>  
Harshavardhana <hrshvardhana@gmail.com>  
Hasan Ozgan <hasan@ozgan.net>  
Hasit Bhatt <hasit.p.bhatt@gmail.com>  
Hauke Lffler <hloeffler@users.noreply.github.com>  
Hvard Haugen <havard.haugen@gmail.com>  
He Liu <liulonnie@gmail.com>  
Hector Chu <hectorchu@gmail.com>  
Hector Martin Cantero <hector@marcansoft.com>  
Hein Khant Zaw <heinkhantzaw1@gmail.com>  
Henning Schmiedehausen <henning@schmiedehausen.org>  
Henrik Edwards <henrik.edwards@gmail.com>  
Henrik Hodne <henrik@hodne.io>  
Henrique Vicente <henriquevicente@gmail.com>  
Henry Adi Sumarto <henry.adisumarto@gmail.com>  
Henry Bubert <google@mindeco.de>  
Henry Chang <mr.changyuheng@gmail.com>  
Henry Clifford <h.a.clifford@gmail.com>  
Henry Wong <liushuai.wang@elastic.co>  
Herbert Georg Fischer <herbert.fischer@gmail.com>  
Herbie Ong <herbie@google.com>  
Heschi Kreinick <heschi@google.com>  
Hidetatsu Yaginuma <ygnmhdt@gmail.com>  
Hilko Bengen <bengen@hilluzination.de>  
Hiroaki Nakamura <hnakamur@gmail.com>  
Hiromichi Ema <ema.hiro@gmail.com>  
Hironao OTSUBO <motemen@gmail.com>  
Hiroshi Ioka <hirochachacha@gmail.com>  
Hitoshi Mitake <mitake.hitoshi@gmail.com>  
Holden Huang <ttyh061@gmail.com>  
Songlin Jiang <hollowman@hollowman.ml>  
Hong Ruiqi <hongruiqi@gmail.com>  
Hongfei Tan <feilengcui008@gmail.com>  
Horacio Duran <horacio.duran@gmail.com>  
Horst Rutter <hhrutter@gmail.com>  
Hossein Sheikh Attar <hattar@google.com>  
Howard Zhang <howard.zhang@arm.com>  
Hsin Tsao <tsao@google.com>  
Hsin-Ho Yeh <yhh92u@gmail.com>

Hu Keping <hukeping@huawei.com>  
Huan Du <i@huandu.me>  
Hugues Bruant <hugues.bruant@gmail.com>  
Huy Le <huy.dinh.le.89@gmail.com>  
Hyang-Ah Hana Kim <hakim@google.com> <hyangah@gmail.com>  
Hyoyoung Chang <hyoyoung@gmail.com>  
Ian Cottrell <iancottrell@google.com>  
Ian Davis <nospam@iandavis.com>  
Ian Gudger <ian@loosescre.ws>  
Ian Haken <ihaken@netflix.com>  
Ian Kent <iankent85@gmail.com>  
Ian Lance Taylor <iant@golang.org>  
Ian Leue <ian@appboy.com>  
Ian Tay <iantay@google.com>  
Ian Zapolsky <ianzapolsky@gmail.com>  
Ibrahim AshShohail <ibra.sho@gmail.com>  
Icarus Sparry <golang@icarus.freeuk.com>  
Iccha Sethi <icchasethi@gmail.com>  
Idora Shinatose <idora.shinatose@gmail.com>  
Ignacio Hagopian <jsign.uy@gmail.com>  
Igor Bernstein <igorbernstein@google.com>  
Igor Bolotnikov <igor.v.bolotnikov@gmail.com>  
Igor Dolzhevik <bluesriverz@gmail.com>  
Igor Vashyst <ivashyst@gmail.com>  
Igor Zhilianin <igor.zhilianin@gmail.com>  
Ikko Ashimine <eltoclear@gmail.com>  
Ilya Yalovyy <yalovoy@gmail.com>  
Ilya Sinelnikov <sidhmangh@gmail.com>  
Ilya Tocar <ilya.tocar@intel.com>  
INADA Naoki <songofacandy@gmail.com>  
Inanc Gumus <m@inanc.io>  
Ingo Gottwald <in.gottwald@gmail.com>  
Ingo Krabbe <ikrabbe.ask@gmail.com>  
Ingo Oeser <nightlyone@googlemail.com> <nightlyone@gmail.com>  
Ioannis Georgoulas <geototti21@hotmail.com>  
Irbe Krumina <irbekrm@gmail.com>  
Irfan Sharif <irfanmahmoudsharif@gmail.com>  
Irieda Noboru <irieda@gmail.com>  
Isaac Ardis <isaac.ardis@gmail.com>  
Isaac Wagner <ibw@isaacwagner.me>  
Isfan Azhabil <isfanazhabil@gmail.com>  
Iskander Sharipov <iskander.sharipov@intel.com> <quasilyte@gmail.com>  
Issac Trotts <issactrotts@google.com>  
Ivan Babrou <ivan@cloudflare.com>  
Ivan Bertona <ivan.bertona@gmail.com>  
Ivan Krasin <krasin@golang.org>  
Ivan Kutuzov <arbrix@gmail.com>  
Ivan Markin <sw@nogoegst.net>

Ivan Moscoso <moscoso@gmail.com>  
Ivan Osadchii <ivan.osadchii@gmail.com>  
Ivan Sharavuev <shpiwan@gmail.com>  
Ivan Trubach <mr.trubach@icloud.com>  
Ivan Ukhov <ivan.ukhov@gmail.com>  
Ivy Evans <ivy@ivyevans.net>  
Jaana Burcu Dogan <jbd@google.com> <jbd@golang.org> <burcujdogan@gmail.com>  
Jaap Aarts <jaap.aarts1@gmail.com>  
Jack Britton <jackxbritton@gmail.com>  
Jack Lindamood <jlindamo@justin.tv>  
Jacob Baskin <jbaskin@google.com>  
Jacob Blain Christen <dweomer5@gmail.com>  
Jacob H. Haven <jacob@cloudflare.com>  
Jacob Hoffman-Andrews <github@hoffman-andrews.com>  
Jacob Walker <jacobwalker0814@gmail.com>  
Jaden Teng <long.asyn@gmail.com>  
Jae Kwon <jae@tendermint.com>  
Jake B <doogie1012@gmail.com>  
Jakob Borg <jakob@nym.se>  
Jakob Weisblat <jakobw@mit.edu>  
Jakub ajka <jcajka@redhat.com>  
Jakub Kaczmarzyk <jakubk@mit.edu>  
Jakub Ryszard Czarnowicz <j.czarnowicz@gmail.com>  
Jakub Warczarek <jakub.warczarek@gmail.com>  
Jamal Carvalho <jamal.a.carvalho@gmail.com>  
James Aguilar <jaguilar@google.com>  
James Bardin <j.bardin@gmail.com>  
James Chacon <jchacon@google.com>  
James Clarke <jrtc27@jrtc27.com>  
James Cowgill <James.Cowgill@imgtec.com>  
James Craig Burley <james-github@burleyarch.com>  
James David Chalfant <james.chalfant@gmail.com>  
James Eady <jmeady@google.com>  
James Fysh <james.fysh@gmail.com>  
James Gray <james@james4k.com>  
James Hartig <fastest963@gmail.com>  
James Kasten <jdkasten@google.com>  
James Lawrence <jljatone@gmail.com>  
James Meneghello <rawrz0r@gmail.com>  
James Myers <jfmyers9@gmail.com>  
James Naftel <james.naftel@gmail.com>  
James Neve <jamesoneve@gmail.com>  
James Nugent <james@jen20.com>  
James P. Cooper <jamespcooper@gmail.com>  
James Robinson <jamesr@google.com> <jamesr.gatech@gmail.com>  
James Schofield <james@shoeboxapp.com>  
James Smith <jrs1995@icloud.com>  
James Sweet <james.sweet88@googlemail.com>

James Toy <nil@opensesame.st>  
James Treanor <jtreanor3@gmail.com>  
James Tucker <raggi@google.com>  
James Whitehead <jnwhiteh@gmail.com>  
Jamie Beverly <jamie.r.beverly@gmail.com>  
Jamie Gennis <jgennis@google.com> <jgennis@gmail.com>  
Jamie Kerr <jkerr113@googlemail.com>  
Jamie Liu <jamieliu@google.com>  
Jamie Stackhouse <contin673@gmail.com>  
Jamie Turner <jamwt@dropbox.com>  
Jamie Wilkinson <jaq@spacepants.org>  
Jamil Djadala <djadala@gmail.com>  
Jan Berktold <jan@berktold.co>  
Jan H. Hosang <jan.hosang@gmail.com>  
Jan Kratochvil <jan.kratochvil@redhat.com>  
Jan Lehnardt <jan@apache.org>  
Jan Mercl <0xjnml@gmail.com> <befelemepeseveze@gmail.com>  
Jan Newmarch <jan.newmarch@gmail.com>  
Jan Pilzer <jan.pilzer@gmx.de>  
Jan Steinke <jan.steinke@gmail.com>  
Jan Ziak <0xe2.0x9a.0x9b@gmail.com>  
Jani Monoses <jani.monoses@ubuntu.com> <jani.monoses@gmail.com>  
Jannis Andrija Schnitzer <jannis@schnitzer.im>  
Jared Allard <jaredallard@users.noreply.github.com>  
Jared Culp <jculp14@gmail.com>  
Jaroslavas Poepko <jp@webmaster.ms>  
Jason A. Donenfeld <Jason@zx2c4.com>  
Jason Baker <jason-baker@users.noreply.github.com>  
Jason Barnett <jason.w.barnett@gmail.com>  
Jason Buberel <jbuberel@google.com>  
Jason Chu <jasonchujc@gmail.com>  
Jason Del Ponte <delpontej@gmail.com>  
Jason Hall <jasonhall@google.com>  
Jason Keene <jasonkeene@gmail.com>  
Jason LeBrun <jblebrun@gmail.com>  
Jason Smale <jsmale@zendesk.com>  
Jason Travis <infomaniac7@gmail.com>  
Jason Wangsadinata <jwangsadinata@gmail.com>  
Javier Kohen <jkohen@google.com>  
Javier Revillas <jrevillas@massivedynamic.io>  
Javier Segura <javism@gmail.com>  
Jay Conrod <jayconrod@google.com>  
Jay Lee <BusyJayLee@gmail.com>  
Jay Taylor <outtatime@gmail.com>  
Jay Weiskopf <jay@jayschwa.net>  
Jean de Klerk <deklerk@google.com>  
Jean-Andr Santoni <jean.andre.santoni@gmail.com>  
Jean-Franois Bustarret <jf@bustarret.com>

Jean-Francois Cantin <jfcantin@gmail.com>  
Jean-Marc Eurin <jmeurin@google.com>  
Jean-Nicolas Moal <jn.moal@gmail.com>  
Jed Denlea <jed@fastly.com>  
Jdrzej Szczepaniak <jbszczepaniak@gmail.com>  
Jeet Parekh <jeetparekh96@gmail.com>  
Jeevanandam M <jeeva@myjeeva.com>  
Jeff (Zhefu) Jiang <jeffjiang@google.com>  
Jeff Craig <jeffcraig@google.com>  
Jeff Dupont <jeff.dupont@gmail.com>  
Jeff Hodges <jeff@somethingsimilar.com>  
Jeff Johnson <jrjohnson@google.com>  
Jeff R. Allen <jra@nella.org> <jeff.allen@gmail.com>  
Jeff Sickel <jas@corpus-callosum.com>  
Jeff Wendling <jeff@spacemonkey.com>  
Jeffrey H <jeffreyh192@gmail.com>  
Jelte Fennema <github-tech@jeltef.nl>  
Jens Frederich <jfrederich@gmail.com>  
Jeremiah Harmsen <jeremiah@google.com>  
Jeremy Banks <\_@jeremy.ca>  
Jeremy Canady <jcanady@gmail.com>  
Jeremy Faller <jeremy@golang.org>  
Jeremy Jackins <jeremyjackins@gmail.com>  
Jeremy Jay <jeremy@pbnjay.com>  
Jeremy Schlatter <jeremy.schlatter@gmail.com>  
Jeroen Bobbeldijk <jerbob92@gmail.com>  
Jeroen Simonetti <jeroen@simonetti.nl>  
Jrme Doucet <jerdct@gmail.com>  
Jerrin Shaji George <jerrinsg@gmail.com>  
Jess Frazelle <me@jessfraz.com>  
Jesse Szwedko <jesse.szwedko@gmail.com>  
Jess Espino <jespinog@gmail.com>  
Jia Zhan <jzhan@uber.com>  
Jiacai Liu <jiacai2050@gmail.com>  
Jiahao Lu <lujjjh@gmail.com>  
Jianing Yu <jnyu@google.com>  
Jianqiao Li <jianqiaoli@google.com>  
Jiayu Yi <yijiayu@gmail.com>  
Jie Ma <jienius@outlook.com>  
Jihyun Yu <yjh0502@gmail.com>  
Jim Cote <jfcote87@gmail.com>  
Jim Kingdon <jim@bolt.me>  
Jim McGrath <jimmc2@gmail.com>  
Jim Minter <jminter@redhat.com>  
Jimmy Frasche <soapboxcicero@gmail.com>  
Jimmy Zelinskie <jimmyzelinskie@gmail.com>  
Jin-wook Jeong <jeweljar@hanmail.net>  
Jingcheng Zhang <diogin@gmail.com>

Jingguo Yao <yaojingguo@gmail.com>  
Jingnan Si <jingnan.si@gmail.com>  
Jinkun Zhang <franksnolf@gmail.com>  
Jiong Du <londevil@gmail.com>  
Jirka Dank <dnk@mail.muni.cz>  
Jiulong Wang <jiulongw@gmail.com>  
Joakim Sernbrant <serbaut@gmail.com>  
Joe Bowbeer <joe.bowbeer@gmail.com>  
Joe Cortopassi <joe@joecortopassi.com>  
Joe Farrell <joe2farrell@gmail.com>  
Joe Harrison <joehazzers@gmail.com>  
Joe Henke <joed.henke@gmail.com>  
Joe Kyo <xunianzu@gmail.com>  
Joe Poirier <jdpoirier@gmail.com>  
Joe Richey <joerichey@google.com>  
Joe Shaw <joe@joeshaw.org>  
Joe Sylve <joe.sylve@gmail.com>  
Joe Tsai <joetsai@digital-static.net>  
Joel Sing <joel@sing.id.au> <jsing@google.com>  
Jol Stemmer <jstemmer@google.com>  
Joel Stemmer <stemmertech@gmail.com>  
Joey Geiger <jgeiger@users.noreply.github.com>  
Johan Brandhorst <johan.brandhorst@gmail.com>  
Johan Euphrosine <proppy@google.com>  
Johan Jansson <johan.jansson@iki.fi>  
Johan Knutzen <johan@senri.se>  
Johan Sageryd <j@1616.se>  
John Asmuth <jasmuth@gmail.com>  
John Beisley <huin@google.com>  
John C Barstow <jbowtie@amathaine.com>  
John DeNero <denero@google.com>  
John Dethridge <jcd@golang.org>  
John Gibb <johngibb@gmail.com>  
John Gilik <john@jgilik.com>  
John Graham-Cumming <jgc@jgc.org> <jgrahamc@gmail.com>  
John Howard Palevich <jack.palevich@gmail.com>  
John Jeffery <jjeffery@sp.com.au>  
John Jenkins <twodopeshaggy@gmail.com>  
John Leidegren <john.leidegren@gmail.com>  
John McCabe <john@johnmccabe.net>  
John Moore <johnkenneth.moore@gmail.com>  
John Newlin <jnewlin@google.com>  
John Papandriopoulos <jpap.code@gmail.com>  
John Potocny <johnp@vividcortex.com>  
John R. Lenton <jlenton@gmail.com>  
John Schnake <schnake.john@gmail.com>  
John Shahid <jvshahid@gmail.com>  
John Tuley <john@tuley.org>



John Weldon <johnweldon4@gmail.com>  
Johnny Luo <johnnyluo1980@gmail.com>  
Jon Chen <jchen@justin.tv>  
Jon Johnson <jonjohnson@google.com>  
Jonas Bernoulli <jonas@bernoul.li>  
Jonathan Albrecht <jonathan.albrecht@ibm.com>  
Jonathan Allie <jonallie@google.com>  
Jonathan Amsterdam <jba@google.com>  
Jonathan Boulle <jonathanboulle@gmail.com>  
Jonathan Chen <dijonkitchen@users.noreply.github.com>  
Jonathan Feinberg <feinberg@google.com>  
Jonathan Gold <jgold.bg@gmail.com>  
Jonathan Hseu <jhseu@google.com>  
Jonathan Mark <jhmark@xenops.com> <jhmark000@gmail.com>  
Jonathan Nieder <jrn@google.com>  
Jonathan Pentecost <pentecostjonathan@gmail.com>  
Jonathan Pittman <jmpittman@google.com> <jonathan.mark.pittman@gmail.com>  
Jonathan Rudenberg <jonathan@titanous.com>  
Jonathan Stacks <jonstacks13@gmail.com>  
Jonathan Swinney <jswinney@amazon.com>  
Jonathan Wills <runningwild@gmail.com>  
Jonathon Lacher <jonathon.lacher@gmail.com>  
Jongmin Kim <atomaths@gmail.com>  
Joonas Kuorilehto <joneskoo@derbian.fi>  
Joop Kieft <ikojba@gmail.com> <joop@kiefte.net>  
Jordan Christiansen <xordspar0@gmail.com>  
Jordan Krage <jmank88@gmail.com>  
Jordan Lewis <jordanthelewis@gmail.com>  
Jordan Liggitt <liggitt@google.com>  
Jordan Rhee <jordanrh@microsoft.com>  
Jordan Rupprecht <rupprecht@google.com>  
Jordi Martin <jordimartin@gmail.com>  
Jorge Araya <jorgejavieran@yahoo.com.mx>  
Jorge L. Fatta <jorge.fatta@auth0.com>  
Jos Visser <josv@google.com>  
Josa Gesell <josa@gesell.me>  
Jose Luis Vazquez Gonzalez <josvazg@gmail.com>  
Joseph Bonneau <jcb@google.com>  
Joseph Holsten <joseph@josephholsten.com>  
Josh Baum <joshbaum@google.com>  
Josh Bleecher Snyder <josharian@gmail.com>  
Josh Chorlton <jchorlton@gmail.com>  
Josh Deprez <josh.deprez@gmail.com>  
Josh Goebel <dreamer3@gmail.com>  
Josh Hoak <jhoak@google.com>  
Josh Holland <jrh@joshh.co.uk>  
Josh Roppo <joshroppo@gmail.com>  
Josh Varga <josh.varga@gmail.com>

Joshua Bezaleel Abednego <joshua.bezaleel@gmail.com>  
Joshua Boelter <joshua.boelter@intel.com>  
Joshua Chase <jcjosuachase@gmail.com>  
Joshua Crowgey <jcrowgey@uw.edu>  
Joshua M. Clulow <josh.clulow@joyent.com>  
Joshua Rubin <joshua@rubixconsulting.com>  
Josselin Costanzi <josselin@costanzi.fr>  
Jostein Stuhaug <js@solidsystem.no>  
JP Sugarbroad <jpsugar@google.com>  
JT Olds <jtolds@xnet5.com>  
JT Olio <hello@jtolio.com>  
Juan Carlos <juanjcsr@gmail.com>  
Juan Pablo Civile <elementohb@gmail.com>  
Jude Pereira <judebpereira@gmail.com>  
Jukka-Pekka Kekkonen <karatepekka@gmail.com>  
Julia Hansbrough <flowerhack@google.com>  
Julian Kornberger <jk+github@digineo.de>  
Julian Pastarmov <pastarmovj@google.com>  
Julian Phillips <julian@quantumfyre.co.uk>  
Julian Tibble <julian.tibble@gmail.com>  
Julie Qiu <julie@golang.org>  
Julien Kauffmann <julien.kauffmann@freelan.org>  
Julien Salleyron <julien.salleyron@gmail.com>  
Julien Schmidt <google@julienschmidt.com>  
Julio Montes <julio.montes@intel.com>  
Jun Zhang <jim.zoumo@gmail.com>  
Junchen Li <junchen.li@arm.com>  
Junda Liu <junda@celer.network>  
Jungho Ahn <jhahn@google.com>  
Junya Hayashi <ledmonster@gmail.com>  
Juraj Sukop <sukop@users.noreply.github.com>  
Jure Ham <jure.ham@zemanta.com>  
Justin Gracenin <jgracenin@gmail.com>  
Justin Li <git@justinli.net>  
Justin Nu <nuss.justin@gmail.com>  
Justyn Temme <justyntemme@gmail.com>  
Kai Backman <kaib@golang.org>  
Kai Dong <dokia2357@gmail.com>  
Kai Lke <kai@kinvolk.io>  
Kai Trukenmller <ktye78@gmail.com>  
Kale Blankenship <kale@lemnisis.com>  
Kaleb Elwert <kelwert@atlassian.com>  
Kalman Bekesi <kalmanb@google.com>  
Kamal Aboul-Hosn <aboulhosn@google.com>  
Kamil Chmielewski <kamil.chm@gmail.com>  
Kamil Kisiel <kamil@kamilkisiel.net> <kamil.kisiel@gmail.com>  
Kamil Rytarowski <krytarowski@users.noreply.github.com>  
Kang Hu <hukangustc@gmail.com>

Kanta Ebihara <kantaebihara@gmail.com>  
Karan Dhiman <karandhi@ca.ibm.com>  
Karel Pazdera <pazderak@gmail.com>  
Karoly Negyesi <chx1975@gmail.com>  
Karsten Khler <karsten.koehler95@gmail.com>  
Karthik Nayak <karthik.188@gmail.com>  
Kashav Madan <kshvmdn@gmail.com>  
Kate Manson <kate.manson@izettle.com>  
Katharine Berry <ktbry@google.com>  
Katie Hockman <katie@golang.org>  
Kato Kazuyoshi <kato.kazuyoshi@gmail.com>  
Katrina Owen <katrina.owen@gmail.com>  
Kaviraj Kanagaraj <kavirajkanagaraj@gmail.com>  
Kay Zhu <kayzhu@google.com>  
Kazuhiro Sera <seratch@gmail.com>  
KB Sriram <kbsriram@google.com>  
Keegan Carruthers-Smith <keegan.csmith@gmail.com>  
Kei Son <hey.calmdown@gmail.com>  
Keiichi Hirobe <challenge.akane@gmail.com>  
Keiji Yoshida <keijiyoshida.mail@gmail.com>  
Keisuke Kishimoto <keisuke.kishimoto@gmail.com>  
Keith Ball <inflatablewoman@gmail.com>  
Keith Randall <khr@golang.org>  
Keith Rarick <kr@xph.us>  
Kelly Heller <pestophagous@gmail.com>  
Kelsey Hightower <kelsey.hightower@gmail.com>  
Kelvin Foo Chuan Lyi <vmirage@gmail.com>  
Kemal Elmizan <kemalelmizan@gmail.com>  
Ken Friedenbach <kenliz@cruzio.com>  
Ken Rockot <ken@oz.gs> <ken.rockot@gmail.com>  
Ken Sedgwick <ken@bonsai.com>  
Ken Thompson <ken@golang.org>  
Kenichi Tsunokawa <kenichi.tsunokawa@gmail.com>  
Kenji Kaneda <kenji.kaneda@gmail.com>  
Kenji Yano <kenji.yano@gmail.com>  
Kenneth Shaw <kenshaw@gmail.com>  
Kenny Grant <kennygrant@gmail.com>  
Kensei Nakada <handbomusic@gmail.com>  
Kenta Mori <zoncoen@gmail.com>  
Kerollos Magdy <kerolloz@yahoo.com>  
Ketan Parmar <ketanbparmar@gmail.com>  
Kevan Swanberg <kevswanberg@gmail.com>  
Kevin Ballard <kevin@sb.org>  
Kevin Burke <kev@inburke.com>  
Kvin Douglas <dunglas@gmail.com>  
Kevin Gillette <extemporalgenome@gmail.com>  
Kevin Kirsche <kev.kirsche@gmail.com>  
Kevin Klues <klueska@gmail.com> <klueska@google.com>

Kevin Malachowski <chowski@google.com>  
Kevin Parsons <kevpar@microsoft.com>  
Kevin Ruffin <kruffin@gmail.com>  
Kevin Vu <kevin.m.vu@gmail.com>  
Kevin Zita <bleedgreenandgold@gmail.com>  
Keyan Pishdadian <kpishdadian@gmail.com>  
Keyuan Li <keyuanli123@gmail.com>  
Kezhu Wang <kezhuw@gmail.com>  
Khosrow Moossavi <khos2ow@gmail.com>  
Kieran Colford <kieran@kcolford.com>  
Kim Shrier <kshrier@racktopsystems.com>  
Kim Yongbin <kybinz@gmail.com>  
Kir Kolyshkin <kolyshkin@gmail.com>  
Kirill Korotaev <kirillx@gmail.com>  
Kirill Motkov <Motkov.Kirill@gmail.com>  
Kirill Smelkov <kirr@nexedi.com>  
Kirill Tatchihin <kirabsuir@gmail.com>  
Kirk Han <kirk91.han@gmail.com>  
Kirklin McDonald <kirklin.mcdonald@gmail.com>  
KJ Tsanaksidis <ktsanaksidis@zendesk.com>  
Klaus Post <klauspost@gmail.com>  
Kodie Goodwin <kodiegoodwin@gmail.com>  
Koichi Shiraishi <zchee.io@gmail.com>  
Koki Ide <niconegoto@yahoo.co.jp>  
Koki Tomoshige <tomocy.dev@gmail.com>  
Komu Wairagu <komuw05@gmail.com>  
Konstantin <konstantin8105@gmail.com>  
Konstantin Shaposhnikov <k.shaposhnikov@gmail.com>  
Koya IWAMURA <kiwamura0314@gmail.com>  
Kris Kwiatkowski <kris@cloudflare.com>  
Kris Nova <kris@nivenly.com>  
Kris Rousey <krousey@google.com>  
Kristopher Watts <traetox@gmail.com>  
Krzysztof Dbrowski <krzysdabro@live.com>  
Kshitij Saraogi <kshitij@saraogi@gmail.com>  
Kun Li <likunarmstrong@gmail.com>  
Kunpei Sakai <namusyaka@gmail.com>  
Kuntal Majumder <hellozee@disroot.org>  
Kush Patel <kush.patel@hootsuite.com>  
Kyle Consalus <consalus@gmail.com>  
Kyle Isom <kyle@gokyle.net>  
Kyle Jones <kyle@kyledj.com>  
Kyle Lemons <kyle@kylelemons.net> <kevlar@google.com>  
Kyle Nusbaum <kyle@datadog.com>  
Kyle Shannon <kyle@pobox.com>  
Kyle Spiers <eiais@google.com>  
Kyle Wood <kyle@kylewood.cc>  
Kyohei Kadota <lufia@lufia.org>

Kyrylo Silin <silin@kyrylo.org>  
L Campbell <unpantsu@gmail.com>  
Lai Jiangshan <eag0628@gmail.com>  
Lajos Papp <lalyos@yahoo.com>  
Lakshay Garg <lakshay.garg.1996@gmail.com>  
Lann Martin <lanm@google.com>  
Lanre Adelowo <yo@lanre.wtf>  
Larry Clapp <larry@theclapp.org>  
Larry Hosken <lahosken@golang.org>  
Lars Jeppesen <jeppesen.lars@gmail.com>  
Lars Lehtonen <lars.lehtonen@gmail.com>  
Lars Wiegman <lars@namsral.com>  
Larz Conwell <larzconwell@gmail.com>  
Laurent Voisin <lpvoisin@gmail.com>  
Laurie Clark-Michalek <laurie@qubit.com>  
LE Manh Cuong <cuong.manhle.vn@gmail.com>  
Lee Hinman <hinman@gmail.com>  
Lee Packham <lpackham@gmail.com>  
Lehner Florian <dev@der-flo.net>  
Leigh McCulloch <leighbcc@gmail.com>  
Leo Antunes <leo@costela.net>  
Leo Rudberg <ljr@google.com>  
Leon Klingele <git@leonklingele.de>  
Leonardo Comelli <leonardo.comelli@gmail.com>  
Leonel Quinteros <leonel.quinteros@gmail.com>  
Lev Shamardin <shamardin@gmail.com>  
Lewin Bormann <lewin.bormann@gmail.com>  
Lewis Waddicor <nemesismk2@gmail.com>  
Liam Haworth <liam@haworth.id.au>  
Lily Chung <lilithkchung@gmail.com>  
Lingchao Xin <douglarek@gmail.com>  
Lion Yang <lion@aosc.xyz>  
Liz Rice <liz@lizrice.com>  
Lloyd Dewolf <foolswisdom@gmail.com>  
Lorenz Bauer <lmb@cloudflare.com>  
Lorenz Brun <lorenz@brun.one>  
Lorenz Nickel <mail@lorenznickel.de>  
Lorenzo Masini <rugginoso@develer.com>  
Lorenzo Stoakes <lstoakes@gmail.com>  
Louis Kruger <louisk@google.com>  
Luan Santos <cfcluan@gmail.com>  
Lubomir I. Ivanov <neolit123@gmail.com>  
Luca Bruno <luca.bruno@coreos.com>  
Luca Greco <luca.greco@alcacoop.it>  
Luca Spiller <luca@stackednotion.com>  
Lucas Bremgartner <lucas.bremgartner@gmail.com>  
Lucas Clemente <lclemente@google.com>  
Lucien Stuker <lucien.stuker@gmail.com>

Lucio De Re <lucio.dere@gmail.com>  
Ludi Rehak <ludi317@gmail.com>  
Luigi Riefolo <luigi.riefolo@gmail.com>  
Luit van Drongelen <luitvd@gmail.com>  
Luka Zakrajek <tr00.g33k@gmail.com>  
Luka Zitnik <luka.zitnik@gmail.com>  
Lukasz Milewski <lmmilewski@gmail.com>  
Luke Champine <luke.champine@gmail.com>  
Luke Curley <qpingu@gmail.com>  
Luke Granger-Brown <git@lukegb.com>  
Luke Young <bored-engineer@users.noreply.github.com>  
Luna Duclos <luna.duclos@palmstonegames.com>  
Luuk van Dijk <lvd@golang.org> <lvd@google.com>  
Lyle Franklin <lylejfranklin@gmail.com>  
Lynn Boger <laboger@linux.vnet.ibm.com>  
Ma Peiqi <mapeiqi2017@gmail.com>  
Maarten Bezemer <maarten.bezemer@gmail.com>  
Maciej Dbski <maciejd@google.com>  
Madhu Rajanna <madhupr007@gmail.com>  
Magnus Hiie <magnus.hiie@gmail.com>  
Mahdi Hosseini Moghaddam <seyed.mahdi.hosseini.moghaddam@ibm.com>  
Maia Lee <maia.lee@leftfieldlabs.com>  
Maicon Costa <maiconscosta@gmail.com>  
Mak Kolybabi <mak@kolybabi.com>  
Maksym Trykur <maksym.trykur@gmail.com>  
Mal Curtis <mal@mal.co.nz>  
Manfred Touron <m@42.am>  
Manigandan Dharmalingam <manigandan.jeff@gmail.com>  
Manish Goregaokar <manishsmail@gmail.com>  
Manoj Dayaram <platform-dev@moovweb.com> <manoj.dayaram@moovweb.com>  
Mansour Rahimi <rahimi.mnr@gmail.com>  
Manu Garg <manugarg@google.com>  
Manu S Ajith <neo@codingarena.in>  
Manuel Mendez <mmendez534@gmail.com>  
Marat Khabibullin <marat.khabibullin@jetbrains.com>  
Marc Sanmiquel <marcsanmiquel@gmail.com>  
Marc Weistroff <marc@weistroff.net>  
Marc-Antoine Ruel <maruel@chromium.org>  
Marcel Edmund Franke <marcel.edmund.franke@gmail.com>  
Marcel van Lohuizen <mpvl@golang.org>  
Marcelo Cantos <marcelo.cantos@gmail.com>  
Marcelo E. Magallon <marcelo.magallon@gmail.com>  
Marco Gazerro <gazerro@open2b.com>  
Marco Hennings <marco.hennings@freiheit.com>  
Marcus Weiner <marcus.weiner@gmail.com>  
Marcus Willock <crazcalm@gmail.com>  
Marga Manterola <marga@google.com>  
Mariano Cano <mariano@smallstep.com>

Marin Bai <marin.basic02@gmail.com>  
Mario Arranz <marioarranzr@gmail.com>  
Marius A. Eriksen <marius@grailbio.com>  
Marius Nuennerich <mnu@google.com>  
Mark Adams <mark@markadams.me>  
Mark Bucciarelli <mkbucc@gmail.com>  
Mark Dain <mark@markdain.net>  
Mark Glines <mark@glines.org>  
Mark Harrison <marhar@google.com>  
Mark Percival <m@mdp.im>  
Mark Pulford <mark@kyne.com.au>  
Mark Rushakoff <mark.rushakoff@gmail.com>  
Mark Ryan <mark.d.ryan@intel.com>  
Mark Severson <miquella@gmail.com>  
Mark Theunissen <mark.theunissen@gmail.com>  
Mark Villacampa <m@markvillacampa.com>  
Mark Wolfe <mark@wolfe.id.au>  
Mark Zavislak <zavislak@google.com>  
Marko Juhani Silokunnas <marko.silokunnas@gmail.com>  
Marko Kevac <marko@kevac.org>  
Marko Kungla <marko.kungla@gmail.com>  
Marko Mikulicic <mkm@google.com>  
Marko Mudrinic <mudrinic.mare@gmail.com>  
Marko Tiikkaja <marko@joh.to>  
Markus Duft <markus.duft@salomon.at>  
Markus Sonderegger <marraison@gmail.com>  
Markus Zimmermann <zimmski@gmail.com>  
Marten Seemann <martenseemann@gmail.com>  
Martin Asquino <martin.asquino@gmail.com>  
Martin Bertschler <mbertschler@gmail.com>  
Martin Garton <garton@gmail.com>  
Martin Habbecke <marhab@google.com>  
Martin Hamrle <martin.hamrle@gmail.com>  
Martin Hoefling <martin.hoefling@gmx.de>  
Martin Kreichgauer <martinkr@google.com>  
Martin Kunc <martinkunc@users.noreply.github.com>  
Martin Lindhe <martin.j.lindhe@gmail.com>  
Martin Mohrmann <moehrmann@google.com> <martisch@uos.de>  
Martin Neubauer <m.ne@gmx.net>  
Martin Olsen <github.com@martinolsen.net>  
Martin Olsson <martin@minimum.se>  
Martin Probst <martin@probst.io>  
Martin Sucha <anty.sk+git@gmail.com>  
Martin Tournoij <martin@arp242.net>  
Martins Sipenko <martins.sipenko@gmail.com>  
Martynas Budrinas <mabu@google.com>  
Marvin Stenger <marvin.stenger94@gmail.com>  
Marwan Sulaiman <marwan.sulaiman@work.co>

Maryan Hratson <gmarik@gmail.com>  
Masahiro Furudate <masahiro.furudate@gmail.com>  
Masahiro Wakame <vvakame@gmail.com>  
Masaki Yoshida <yoshida.masaki@gmail.com>  
Masaya Watanabe <sfbgwm30@gmail.com>  
Mat Byczkowski <mbyczkowski@gmail.com>  
Mat Ryer <thatmatryer@gmail.com>  
Mt Gulys <mgulyas86@gmail.com>  
Matej Bao <matejbaco@gmail.com>  
Mateus Amin <mateus.amin@gmail.com>  
Mateusz Czapliski <czapkofan@gmail.com>  
Matheus Alcantara <matheusssilv97@gmail.com>  
Mathias Beke <git@denbeke.be>  
Mathias Hall-Andersen <mathias@hall-andersen.dk>  
Mathias Leppich <mleppich@muhqu.de>  
Mathieu Lonjaret <mathieu.lonjaret@gmail.com>  
Mats Lidell <mats.lidell@cag.se> <mats.lidell@gmail.com>  
Matt Aimonetti <mattaimonetti@gmail.com>  
Matt Blair <me@matthewblair.net>  
Matt Bostock <matt@mattbostock.com>  
Matt Brown <mdbrown@google.com>  
Matt Dee <mdee@hioscar.com>  
Matt Drollette <matt@drollette.com>  
Matt Harden <matt.harden@gmail.com>  
Matt Jibson <matt.jibson@gmail.com>  
Matt Joiner <anacrolix@gmail.com>  
Matt Jones <mrjones@google.com>  
Matt Juran <thepciet@gmail.com>  
Matt Layher <mdlayher@gmail.com>  
Matt Reiferson <mreiferson@gmail.com>  
Matt Robenolt <matt@ydekproductions.com>  
Matt Strong <mstrong1341@gmail.com>  
Matt T. Proud <matt.proud@gmail.com>  
Matt Williams <gh@mattyw.net> <mattyjwilliams@gmail.com>  
Matthew Brennan <matty.brennan@gmail.com>  
Matthew Broberg <matthewbbroberg@gmail.com>  
Matthew Cottingham <mattcottingham@gmail.com>  
Matthew Dempsky <mdempsky@google.com>  
Matthew Denton <mdenton@skyportsystems.com>  
Matthew Holt <Matthew.Holt+git@gmail.com>  
Matthew Horsnell <matthew.horsnell@gmail.com>  
Matthew Waters <mwwaters@gmail.com>  
Matthieu Hauglustaine <matt.hauglustaine@gmail.com>  
Matthieu Olivier <olivier.matthieu@gmail.com>  
Matthijs Kooijman <matthijs@stdin.nl>  
Max Drosdo.wwww <g1ran1q@gmail.com>  
Max Riveiro <kavu13@gmail.com>  
Max Schmitt <max@schmitt.mx>



Max Semenik <maxsem.wiki@gmail.com>  
Max Ushakov <ushmax@gmail.com>  
Maxim Eryomenko <moeryomenko@gmail.com>  
Maxim Khitrov <max@mxcrypt.com>  
Maxim Pimenov <mpimenov@google.com>  
Maxim Pugachev <pugachev.mm@gmail.com>  
Maxim Ushakov <ushakov@google.com>  
Maxime de Roucy <maxime.deroucy@gmail.com>  
Mximo Cuadros Ortiz <mcuadros@gmail.com>  
Maxwell Krohn <themax@gmail.com>  
Maya Rashish <maya@NetBSD.org>  
Mayank Kumar <krmayankk@gmail.com>  
Meir Fischer <meirfischer@gmail.com>  
Meng Zhuo <mengzhuo1203@gmail.com> <mzh@golangcn.org>  
Mhd Sulhan <m.shulhan@gmail.com>  
Micah Stetson <micah.stetson@gmail.com>  
Michael Anthony Knyszek <mknyszek@google.com>  
Michael Brandenburg <mbrandenburg@bolste.com>  
Michael Chaten <mchaten@gmail.com>  
Michael Cook <code@mdcook.net>  
Michael Darakananda <pongad@google.com>  
Michael Dorner <mail@michaeldorner.de>  
Michael Edwards <medwards@walledcity.ca>  
Michael Elkins <michael.elkins@gmail.com>  
Michael Ellis <micellis@justin.tv>  
Michael Fraenkel <michael.fraenkel@gmail.com>  
Michael Fromberger <michael.j.fromberger@gmail.com>  
Michael Gehring <mg@ebfe.org> <gnirheg.leahcim@gmail.com>  
Michael Henderson <mdhender@users.noreply.github.com>  
Michael Hendricks <michael@ndrix.org>  
Michael Hoisie <hoisie@gmail.com>  
Michael Hudson-Doyle <michael.hudson@linaro.org>  
Michael Kasch <michael.kasch@gmail.com>  
Michael Kufel <golang@c.michael-kaeufl.de>  
Michael Kelly <mjk@google.com>  
Michal Lvesque-Dion <mlevesquedion@google.com>  
Michael Lewis <mikelikespie@gmail.com>  
Michael MacInnis <Michael.P.MacInnis@gmail.com>  
Michael Marineau <michael.marineau@coreos.com>  
Michael Matloob <matloob@google.com>  
Michael McConville <momconville@gmail.com>  
Michael McGreevy <mcgreevy@golang.org>  
Michael McLoughlin <mmcloughlin@gmail.com>  
Michael Munday <mike.munday@ibm.com>  
Michael Pearson <mipearson@gmail.com>  
Michael Piatek <piatek@google.com>  
Michael Pratt <mpratt@google.com>  
Michael Schaller <michael@5challer.de>

Michael Schurter <michael.schurter@gmail.com>  
Michael Shields <mshields@google.com>  
Michael Stapelberg <michael@stapelberg.de> <mstplbrg@googlemail.com>  
Michael Steinert <mike.steinert@gmail.com>  
Michael T. Jones <mtj@google.com> <michael.jones@gmail.com>  
Michael Teichgrber <mteichgraerber@gmx.de> <mt4swm@googlemail.com>  
Michael Traver <mtraver@google.com>  
Michael Vetter <g.bluehut@gmail.com>  
Michael Vogt <mvo@ubuntu.com>  
Michail Kargakis <mkargaki@redhat.com>  
Michal Bohuslvek <mbohuslvek@gmail.com>  
Michal Cierniak <cierniak@google.com>  
Micha Derkacz <ziutek@inet.pl>  
Michal Franc <lam.michal.franc@gmail.com>  
Micha owicki <mlowicki@gmail.com>  
Michal Pristas <michal.pristas@gmail.com>  
Michal Rostecki <mrostecki@suse.de>  
Michalis Kargakis <michaliskargakis@gmail.com>  
Michel Lespinasse <>walken@google.com>  
Michele Di Pede <michele.di.pede@gmail.com>  
Mickael Kerjean <mickael.kerjean@gmail.com>  
Mickey Reiss <mickeyreiss@gmail.com>  
Miek Gieben <miek@miek.nl> <remigius.gieben@gmail.com>  
Miguel Acero <acero@google.com>  
Miguel Mendez <stxmendez@gmail.com>  
Miguel Molina <hi@mvader.me>  
Mihai Borobocea <MihaiBorobocea@gmail.com>  
Mihai Moldovan <ionic@ionic.de>  
Mihai Todor <todormihai@gmail.com>  
Mihail Minaev <minaev.mike@gmail.com>  
Mikael Tillenius <mikti42@gmail.com>  
Mike Andrews <mra@xoba.com>  
Mike Appleby <mike@app.leby.org>  
Mike Danese <mikedanese@google.com>  
Mike Houston <mike@kothar.net>  
Mike Kabischev <kabischev@gmail.com>  
Mike Rosset <mike.rosset@gmail.com>  
Mike Samuel <mikesamuel@gmail.com>  
Mike Solomon <msolo@gmail.com>  
Mike Strosaker <strosake@us.ibm.com>  
Mike Tsao <mike@sowbug.com>  
Mike Wiacek <mjwiacek@google.com>  
Mikhail Fesenko <proggga@gmail.com>  
Mikhail Gusarov <dottedmag@dottedmag.net>  
Mikhail Panchenko <m@mihasya.com>  
Miki Tebeka <miki.tebeka@gmail.com>  
Mikio Hara <mikioh.mikioh@gmail.com>  
Mikkel Krautz <mikkel@krautz.dk> <krautz@gmail.com>

Mikoaj Baranowski <mikolajb@gmail.com>  
Milan Knezevic <milan.knezevic@mips.com>  
Milan Patel <bicelot3@gmail.com>  
Milutin Jovanovic <jovanovic.milutin@gmail.com>  
MinJae Kwon <mingrammer@gmail.com>  
Miquel Sabat Sol <mikisabate@gmail.com>  
Mirko Hansen <baaazen@gmail.com>  
Miroslav Genov <mgenov@gmail.com>  
Misty De Meo <mistydemeo@gmail.com>  
Mohamed Attahri <mohamed@attahri.com>  
Mohit Agarwal <mohit@sdf.org>  
Mohit kumar Bajoria <mohitbajo36@gmail.com>  
Mohit Verma <vmohit.93@gmail.com>  
Momchil Velikov <momchil.velikov@gmail.com>  
Monis Khan <mkhan@redhat.com>  
Monty Taylor <mordred@inaugust.com>  
Moritz Fain <moritz@fain.io>  
Moriyoshi Koizumi <mozo@mozo.jp>  
Morten Siebuhr <sbhr@sbhr.dk>  
Mshe van der Sterre <moshevds@gmail.com>  
Mostyn Bramley-Moore <mostyn@antipode.se>  
Mrunal Patel <mrunalp@gmail.com>  
Muhammad Falak R Wani <falakreyaz@gmail.com>  
Muhammad Hamza Farrukh <hamzafarrukh141@gmail.com>  
Muhammed Uluyol <uluyol0@gmail.com>  
Muir Manders <muir@mnd.rs>  
Mukesh Sharma <sharma.mukesh439@gmail.com>  
Mura Li <mura\_li@castech.com.tw>  
Mykhailo Lesyk <mikhail@lesyk.org>  
Naman Aggarwal <aggarwal.nam@gmail.com>  
Nan Deng <monnand@gmail.com>  
Nao Yonashiro <owan.orisano@gmail.com>  
Naoki Kanatani <k12naoki@gmail.com>  
Natanael Copa <ncopa@mirantis.com>  
Nate Wilkinson <nathanwilk7@gmail.com>  
Nathan Cantelmo <n.cantelmo@gmail.com>  
Nathan Caza <mastercactapus@gmail.com>  
Nathan Dias <nathan.dias@orijtech.com>  
Nathan Fiscaletti <nathan.fiscaletti@vrzo.com>  
Nathan Humphreys <nkhumphreys@gmail.com>  
Nathan John Youngman <nj@nathany.com>  
Nathan Otterness <otternes@cs.unc.edu>  
Nathan P Finch <nate.finch@gmail.com>  
Nathan VanBenschoten <nvanbenschoten@gmail.com>  
Nathan Youngman <git@nathany.com>  
Nathan(yinian) Hu <nathanhu@google.com>  
Nathaniel Cook <nvcook42@gmail.com>  
Naveen Kumar Sangi <naveenkumarsangi@protonmail.com>

Neeilan Selvalingam <neeilan96@gmail.com>  
Neelesh Chandola <neesh.c98@gmail.com>  
Nehal J Wani <nehaljw.kkd1@gmail.com>  
Neil Lyons <nwjlyons@googlemail.com>  
Neuman Vong <neuman.vong@gmail.com>  
Neven Sajko <nsajko@gmail.com>  
Nevins Bartolomeo <nevins.bartolomeo@gmail.com>  
Niall Sheridan <nsheridan@gmail.com>  
Nic Day <nic.day@me.com>  
Nicholas Katsaros <nick@nickkatsaros.com>  
Nicholas Maniscalco <nicholas@maniscalco.com>  
Nicholas Ng <nickng@nickng.io>  
Nicholas Presta <nick@nickpresta.ca> <nick1presta@gmail.com>  
Nicholas Sullivan <nicholas.sullivan@gmail.com>  
Nicholas Waples <nwaples@gmail.com>  
Nick Anthony <Liberatys@outlook.com>  
Nick Cooper <nmvc@google.com>  
Nick Craig-Wood <nick@craig-wood.com> <nickcw@gmail.com>  
Nick Harper <nharper@google.com>  
Nick Kubala <nkubala@google.com>  
Nick Leli <nicholasleli@gmail.com>  
Nick Miyake <nmiyake@users.noreply.github.com>  
Nick Patavalis <nick.patavalis@gmail.com>  
Nick Petroni <npetroni@cs.umd.edu>  
Nick Robinson <nrobinson13@gmail.com>  
Nick Smolin <nick27surgut@gmail.com>  
Nicolas BRULEZ <n.brulez@gmail.com>  
Nicolas Kaiser <nikai@nikai.net>  
Nicolas Owens <mischief@offblast.org>  
Nicolas S. Dade <nic.dade@gmail.com>  
Niek Sanders <niek.sanders@gmail.com>  
Niels Widger <niels.widger@gmail.com>  
Nigel Kerr <nigel.kerr@gmail.com>  
Nigel Tao <nigeltao@golang.org>  
Nik Nyby <nnyby@columbia.edu>  
Nikhil Benesch <nikhil.benesch@gmail.com>  
Nikita Gillmann <nikita@n0.is> <ng0@n0.is>  
Nikita Kryuchkov <nkryuchkov10@gmail.com>  
Nikita Vanyasin <nikita.vanyasin@gmail.com>  
Niklas Schnelle <niklas.schnelle@gmail.com>  
Niko Dziemba <niko@dziemba.com>  
Nikolay Turpitko <nikolay@turpitko.com>  
Nikson Kanti Paul <nikson.sust@gmail.com>  
Nils Larsgrd <nilsmagnus@gmail.com>  
Nir Soffer <nirsof@gmail.com>  
Niranjan Godbole <niranjan8192@gmail.com>  
Nishanth Shanmugham <nishanth.gerrard@gmail.com>  
Noah Campbell <noahcampbell@gmail.com>

Noah Goldman <noahg34@gmail.com>  
Noble Johnson <noblepoly@gmail.com>  
Nodir Turakulov <nodir@google.com>  
Noel Georgi <git@frezbo.com>  
Norberto Lopes <nlopes.ml@gmail.com>  
Norman B. Lancaster <qbradq@gmail.com>  
Nuno Cruces <ncruces@users.noreply.github.com>  
Obei Sideg <obei.sideg@gmail.com>  
Obeyda Djefal <djefobey@gmail.com>  
Odin Ugedal <odin@ugedal.com>  
Oleg Bulatov <dmage@yandex-team.ru>  
Oleg Vakheta <helginet@gmail.com>  
Oleku Konko <oleku.konko@gmail.com>  
Oling Cat <olingcat@gmail.com>  
Oliver Hookins <ohookins@gmail.com>  
Oliver Powell <oliverpowell84@gmail.com>  
Oliver Stenbom <ostenbom@pivotal.io>  
Oliver Tan <otan@cockroachlabs.com>  
Oliver Tonnhofer <olt@bogosoftware.com>  
Olivier Antoine <olivier.antoine@gmail.com>  
Olivier Duperray <duperray.olivier@gmail.com>  
Olivier Poitrey <rs@daily-motion.com>  
Olivier Saingre <osaingre@gmail.com>  
Olivier Wulveryck <olivier.wulveryck@gmail.com>  
Omar Jarjur <ojarjur@google.com>  
Onkar Jadhav <omjadhav2610@gmail.com>  
Ori Bernstein <ori@eigenstate.org>  
Ori Rawlings <orirawlings@gmail.com>  
Oryan Moshe <iamoryanmoshe@gmail.com>  
Osamu TONOMORI <osamingo@gmail.com>  
zgr Kesim <oec-go@kesim.org>  
Pablo Caderno <kaderno@gmail.com>  
Pablo Lalloni <plalloni@gmail.com>  
Pablo Rozas Larraondo <pablo.larraondo@anu.edu.au>  
Pablo Santiago Blum de Aguiar <scorplus@gmail.com>  
Padraig Kitterick <padraigkitterick@gmail.com>  
Pallat Anchaleechamaikorn <yod.pallat@gmail.com>  
Panos Georgiadis <pgeorgiadis@suse.de>  
Pantelis Sampaziotis <psampaz@gmail.com>  
Paolo Giarrusso <p.giarrusso@gmail.com>  
Paolo Martini <mrtnpaolo@gmail.com>  
Parker Moore <parkrmoore@gmail.com>  
Parminder Singh <parmsingh101@gmail.com>  
Pascal Dierich <pascal@pascaldierich.com>  
Pascal S. de Kloe <pascal@quies.net>  
Paschalis Tsilias <paschalis.tsilias@gmail.com>  
Pasi Thkp <pasi.tahkapaa@gmail.com>  
Pat Moroney <pat@pat.email>

Patrick Barker <barkerp@vmware.com>  
Patrick Crosby <patrick@stathat.com>  
Patrick Gavlin <pgavlin@gmail.com>  
Patrick Gundlach <gundlach@speedata.de>  
Patrick Higgins <patrick.allen.higgins@gmail.com>  
Patrick Jones <ithuriel@google.com>  
Patrick Lee <pattyshack101@gmail.com>  
Patrick Mzard <patrick@mezard.eu>  
Patrick Mylund Nielsen <patrick@patrickmn.com>  
Patrick Pelletier <pp.pelletier@gmail.com>  
Patrick Riley <pfr@google.com>  
Patrick Smith <pat42smith@gmail.com>  
Patrik Lundin <patrik@sigterm.se>  
Paul A Querna <paul.querna@gmail.com>  
Paul Borman <borman@google.com>  
Paul Boyd <boyd.paul2@gmail.com>  
Paul Chang <paulchang@google.com>  
Paul D. Weber <x0bdev@gmail.com>  
Paul Davis <43160081+Pawls@users.noreply.github.com>  
Paul E. Murphy <murp@ibm.com>  
Paul Forgey <paulf@tessier-ashpool.net>  
Paul Hammond <paul@paulhammond.org>  
Paul Hankin <paulhankin@google.com>  
Paul Jolly <paul@myitcv.org.uk>  
Paul Lalonde <paul.a.lalonde@gmail.com>  
Paul M Furley <paul@paulfurley.com>  
Paul Marks <pmarks@google.com>  
Paul Meyer <paul.meyer@microsoft.com>  
Paul Nasrat <pnasrat@google.com>  
Paul PISCUC <paul.piscuc@gmail.com>  
Paul Querna <pquerna@apache.org>  
Paul Rosania <paul.rosania@gmail.com>  
Paul Ruest <pruest@gmail.com>  
Paul Sbarra <Sbarra.Paul@gmail.com>  
Paul Smith <paulsmith@pobox.com> <paulsmith@gmail.com>  
Paul Tyng <paul@paultyng.net>  
Paul van Brouwershaven <paul@vanbrouwershaven.com>  
Paul Wankadia <junyer@google.com>  
Paulo Casaretto <pcasaretto@gmail.com>  
Paulo Flabiano Smorigo <pfsmorigo@linux.vnet.ibm.com>  
Paulo Gomes <paulo.gomes.uk@gmail.com>  
Pavel Paulau <pavel.paulau@gmail.com>  
Pavel Zinovkin <pavel.zinovkin@gmail.com>  
Pavlo Sumkin <ymkins@gmail.com>  
Pawel Knap <pawelknap88@gmail.com>  
Pawel Szczur <filemon@google.com>  
Pawe Szulik <pawel.szulik@intel.com>  
Pei Xian Chee <luciolas1991@gmail.com>

Pei-Ming Wu <p408865@gmail.com>  
Percy Wegmann <ox.to.a.cart@gmail.com>  
Perry Abbott <perry.j.abbott@gmail.com>  
Petar Dambovaliev <petar.atanasov.1987@gmail.com>  
Petar Maymoukov <petarm@gmail.com>  
Peter Armitage <peter.armitage@gmail.com>  
Peter Bourgon <peter@bourgon.org>  
Peter Collingbourne <pcc@google.com>  
Peter Conerly <pconerly@gmail.com>  
Peter Dotchev <dotchev@gmail.com>  
Peter Froehlich <peter.hans.froehlich@gmail.com>  
Peter Gonda <pgonda@google.com>  
Peter Hoyes <pahoyes@gmail.com>  
Peter Kleiweg <pkleiweg@xs4all.nl>  
Peter McKenzie <petermck@google.com>  
Peter Moody <pmoody@uber.com>  
Peter Morjan <pmorjan@gmail.com>  
Peter Mundy <go.peter.90@gmail.com>  
Peter Nguyen <peter@mictis.com>  
Pter Surnyi <speter.go1@gmail.com>  
Pter Szab <pts@google.com>  
Pter Szilgyi <peterke@gmail.com>  
Peter Teichman <pteichman@fastly.com>  
Peter Tseng <ptseng@squareup.com>  
Peter Waldschmidt <peter@waldschmidt.com>  
Peter Waller <peter.waller@gmail.com>  
Peter Weinberger <pjw@golang.org>  
Peter Williams <pwil3058@gmail.com>  
Peter Wu <pwu@cloudflare.com>  
Peter Zhang <i@ddatsh.com>  
Petr Jedin <petr.jediny@gmail.com>  
Petrica Voicu <pvoicu@paypal.com>  
Phil Pearl <philip.j.r.pearl@gmail.com>  
Phil Pennock <pdp@golang.org>  
Philip Brgesen <philip.borgesen@gmail.com>  
Philip Brown <phil@bolthole.com>  
Philip Hofer <phofer@umich.edu>  
Philip K. Warren <pkwarren@gmail.com>  
Philip Nelson <me@pnelson.ca>  
Philipp Stephani <phst@google.com>  
Phillip Campbell <15082+phillc@users.noreply.github.com>  
Pierre Carru <pierre.carru@eshard.com>  
Pierre Durand <pierredurand@gmail.com>  
Pierre Prinetti <pierreprinetti@gmail.com>  
Pierre Roullon <pierre.roullon@gmail.com>  
Piers <google@hellopiers.pro>  
Pieter Droogendijk <pieter@binky.org.uk>  
Pietro Gagliardi <pietro10@mac.com>

Piyush Mishra <piyush@codeitout.com>  
Plekhanov Maxim <kishtatix@gmail.com>  
Poh Zi How <poh.zihow@gmail.com>  
Polina Osadcha <polliosa@google.com>  
Pontus Leitzler <leitzler@gmail.com>  
Povilas Versockas <p.versockas@gmail.com>  
Prasanga Siripala <pj@pjeps.com.au>  
Prasanna Swaminathan <prasanna@mediamath.com>  
Prashant Agrawal <prashant.a.vjti@gmail.com>  
Prashant Varanasi <prashant@prashantv.com>  
Praveen Kumar <praveen+git@kumar.in>  
Pravendra Singh <hackpravj@gmail.com>  
Preetam Jinka <pj@preet.am>  
Pure White <wu.purewhite@gmail.com>  
Qais Patankar <qaisjp@gmail.com>  
Qiuxuan Zhu <ilsh1022@gmail.com>  
Quan Tran <qeed.quan@gmail.com>  
Quan Yong Zhai <qyzhai@gmail.com>  
Quentin Perez <qperez@ocs.online.net>  
Quentin Renard <contact@asticode.com>  
Quentin Smith <quentin@golang.org>  
Quey-Liang Kao <s101062801@m101.nthu.edu.tw>  
Quim Muntal <quimmuntal@gmail.com>  
Quinn Slack <sqs@sourcegraph.com>  
Quinten Yearsley <qyearsley@chromium.org>  
Quoc-Viet Nguyen <afelion@gmail.com>  
Radek Simko <radek.simko@gmail.com>  
Radek Sohlich <sohlich@gmail.com>  
Radu Berinde <radu@cockroachlabs.com>  
Rafal Jeczalik <rjeczalik@gmail.com>  
Raghavendra Nagaraj <jamdagni86@gmail.com>  
Rahul Chaudhry <rahulchaudhry@chromium.org>  
Rahul Wadhvani <rahulwadhvani21@gmail.com>  
Raif S. Naffah <go@naffah-raif.name>  
Rajat Goel <rajat.goel2010@gmail.com>  
Rajath Agasthya <rajathagasthya@gmail.com>  
Rajender Reddy Kompally <rajenderreddykompally@gmail.com>  
Ralph Corderoy <ralph@inputplus.co.uk>  
Ramazan AYYILDIZ <rayyildiz@gmail.com>  
Ramesh Dharan <dharan@google.com>  
Raph Levien <raph@google.com>  
Raphael Geronimi <raphael.geronimi@gmail.com>  
Raul Silvera <rsilvera@google.com>  
Ravil Bikbulatov <weeellz12@gmail.com>  
RaviTeja Pothana <ravi.tezu@gmail.com>  
Ray Tung <rtung@thoughtworks.com>  
Raymond Kazlauskas <raima220@gmail.com>  
Rebecca Stambler <rstambler@golang.org>



Reilly Watson <reillywatson@gmail.com>  
Reinaldo de Souza Jr <juniorz@gmail.com>  
Remi Gillig <remigillig@gmail.com>  
Rmy Oudompheng <oudomphe@phare.normalesup.org> <remyoudompheng@gmail.com>  
Ren Ogaki <re.yuz77777@gmail.com>  
Rens Rikkerink <Ikkerens@users.noreply.github.com>  
Rhys Hiltner <rhys@justin.tv>  
Ricardo Padilha <ricardospadilha@gmail.com>  
Ricardo Pchevuzinske Katz <ricardo.katz@serpro.gov.br>  
Ricardo Seriani <ricardo.seriani@gmail.com>  
Richard Barnes <rlb@ipv.sx>  
Richard Crowley <r@rcrowley.org>  
Richard Dingwall <rdingwall@gmail.com>  
Richard Eric Gavaletz <gavaletz@gmail.com>  
Richard Gibson <richard.gibson@gmail.com>  
Richard Miller <miller.research@gmail.com>  
Richard Musiol <mail@richard-musiol.de> <neelance@gmail.com>  
Richard Ulmer <codesoap@mailbox.org>  
Richard Wilkes <wilkes@me.com>  
Rick Arnold <rickarnoldjr@gmail.com>  
Rick Hudson <rlh@golang.org>  
Rick Sayre <whorfin@gmail.com>  
Rijnard van Tonder <rvantonder@gmail.com>  
Riku Voipio <riku.voipio@linaro.org>  
Risto Jaakko Saarelm <rsaarelm@gmail.com>  
Rob Earhart <earhart@google.com>  
Rob Findley <rfindley@google.com>  
Rob Norman <rob.norman@infinitycloud.com>  
Rob Phoenix <rob@robphoenix.com>  
Rob Pike <r@golang.org>  
Robert Ayrapetyan <robert.ayrapetyan@gmail.com>  
Robert Daniel Kortschak <dan.kortschak@adelaide.edu.au> <dan@kortschak.io>  
Robert Dinu <r@varp.se>  
Robert Figueiredo <robfig@gmail.com>  
Robert Griesemer <gri@golang.org>  
Robert Hencke <robert.hencke@gmail.com>  
Robert Iannucci <iannucci@google.com>  
Robert Kuska <rkuska@gmail.com>  
Robert Obryk <robryk@gmail.com>  
Robert Seseek <rseseek@google.com>  
Robert Snedegar <roberts@google.com>  
Robert Stepanek <robert.stepanek@gmail.com>  
Robert van Gent <rvangent@google.com>  
Robert-Andr Mauchin <zebob.m@gmail.com>  
Roberto Clapis <robclap8@gmail.com>  
Roberto Selbach <roberto@selbach.ca>  
Robin Eklind <r.eklind.87@gmail.com>  
Robin Zhong <robin@robinzhong.co>

Rodolfo Carvalho <rhcavalho@gmail.com>  
Rodolfo Rodriguez <rodolfobgibson@gmail.com>  
Rodrigo Moraes de Oliveira <rodrigo.moraes@gmail.com>  
Rodrigo Rafael Monti Kochenburger <divoxx@gmail.com>  
Roger Pau Monn <royger@gmail.com>  
Roger Peppe <rogpeppe@gmail.com>  
Rohan Challa <rohan@golang.org>  
Rohan Verma <rohanverma2004@gmail.com>  
Rohith Ravi <entombedvirus@gmail.com>  
Roland Illig <roland.illig@gmx.de>  
Roland Shoemaker <rolandshoemaker@gmail.com>  
Romain Bague <romain.bague@elwinar.com>  
Roman Budnikov <romanyx90@yandex.ru>  
Roman Kollr <roman.kollar.0@gmail.com>  
Roman Shchekin <mrqtros@gmail.com>  
Ron Hashimoto <mail@h2so5.net>  
Ron Minnich <rminnich@gmail.com>  
Ronnie Ebrin <ebrin.ronnie@protonmail.com>  
Ross Chater <rdchater@gmail.com>  
Ross Kinsey <rossikinsey@gmail.com>  
Ross Light <light@google.com> <rlight2@gmail.com>  
Ross Smith II <ross@smithii.com>  
Rowan Marshall <rowanajmarshall@gmail.com>  
Rowan Worth <sqweek@gmail.com>  
Rudi Kramer <rudi.kramer@gmail.com>  
Rui Ueyama <ruiui@google.com>  
Ruixin Bao <ruixin.bao@ibm.com>  
Ruslan Nigmatullin <elessar@dropbox.com>  
Russ Cox <rsc@golang.org>  
Russell Haering <russellhaering@gmail.com>  
Ryan Bagwell <ryanbagwell@outlook.com>  
Ryan Barrett <ryanb@google.com>  
Ryan Boehning <ryan.boehning@apcera.com>  
Ryan Brown <ribrdb@google.com>  
Ryan Canty <jrcanty@gmail.com>  
Ryan Dahl <ry@tinyclouds.org>  
Ryan Hitchman <hitchmanr@gmail.com>  
Ryan Kohler <ryankohler@google.com>  
Ryan Lower <rpjlower@gmail.com>  
Ryan Roden-Corrent <ryan@rcorre.net>  
Ryan Seys <ryan@ryanseys.com>  
Ryan Slade <ryanslade@gmail.com>  
Ryan Zhang <ryan.zhang@docker.com>  
Ryoichi KATO <ryo1kato@gmail.com>  
Ryuji Iwata <qt.luigi@gmail.com>  
Ryuma Yoshida <ryuma.y1117@gmail.com>  
Ryuzo Yamamoto <ryuzo.yamamoto@gmail.com>  
S.alar Onur <caglar@10ur.org>

Sabin Mihai Rapan <sabin.rapan@gmail.com>  
Sad Pencil <qh06@qq.com>  
Sai Cheemalapati <saicheems@google.com>  
Sai Kiran Dasika <kirandasika30@gmail.com>  
Sakeven Jiang <jc5930@sina.cn>  
Salaheddin M. Mahmud <salah.mahmud@gmail.com>  
Salmn Aljammz <s@0x65.net>  
Sam Arnold <sarnold64@bloomberg.net>  
Sam Boyer <tech@samboyer.org>  
Sam Chen <chenxsan@gmail.com>  
Sam Cross <samgcdev@gmail.com>  
Sam Ding <samding@ca.ibm.com>  
Sam Hug <samuel.b.hug@gmail.com>  
Sam Thorogood <thorogood@google.com> <sam.thorogood@gmail.com>  
Sam Whited <sam@samwhited.com>  
Sam Xie <xsambundy@gmail.com>  
Sameer Ajmani <sameer@golang.org> <ajmani@gmail.com>  
Sami Commerot <samic@google.com>  
Sami Pnknen <sami.ponkanen@gmail.com>  
Samuel Kelemen <SCKelemen@users.noreply.github.com>  
Samuel Tan <samueltan@google.com>  
Samuele Pedroni <pedronis@lucediaruna.net>  
Sander van Harmelen <sander@vanharmelen.nl>  
Sanjay Menakuru <balasanjay@gmail.com>  
Santhosh Kumar Tekuri <santhosh.tekuri@gmail.com>  
Santiago De la Cruz <51337247+xhit@users.noreply.github.com>  
Sarah Adams <shadams@google.com>  
Sardorbek Pulatov <sardorbek.pulatov@outlook.com>  
Sascha Brawer <sascha@brawer.ch>  
Sasha Lionheart <lionhearts@google.com>  
Sasha Sobol <sasha@scaledinference.com>  
Scott Barron <scott.barron@github.com>  
Scott Bell <scott@sctsm.com>  
Scott Crunkleton <crunk1@gmail.com>  
Scott Ferguson <scottwferg@gmail.com>  
Scott Lawrence <bytbox@gmail.com>  
Scott Mansfield <smansfield@netflix.com>  
Scott Ragan <ragansa@fb.com>  
Scott Schwartz <scotts@golang.org>  
Scott Van Woudenberg <scottvw@google.com>  
Sean Burford <sburford@google.com>  
Sean Chen <oohcode@gmail.com>  
Sean Chittenden <seanc@joyent.com>  
Sean Christopherson <sean.j.christopherson@intel.com>  
Sean Dolphin <Sean.Dolphin@kpcompass.com>  
Sean Harger <sharger@google.com>  
Sean Hildebrand <seanwhildebrand@gmail.com>  
Sean Liao <seankhliao@gmail.com>

Sean Rees <sean@erifax.org>  
Sebastiaan van Stijn <github@gone.nl>  
Sebastian Chlopecki <sebsebmc@gmail.com>  
Sebastian Kinne <skinne@google.com>  
Sebastian Schmidt <yath@google.com>  
Sebastien Binet <seb.binet@gmail.com>  
Sbastien Paolacci <sebastien.paolacci@gmail.com>  
Sebastien Williams-Wynn <sebastien@cytora.com>  
Segev Finer <segev208@gmail.com>  
Seiji Takahashi <timaki.st@gmail.com>  
Sergei Lemeshkin <sergeilem@gmail.com>  
Sergei Skorobogatov <skorobo@rambler.ru>  
Sergei Zagurskii <gvozdoder@gmail.com>  
Sergey 'Snake' Gromov <snake.scaly@gmail.com>  
Sergey Arseev <sergey.arseev@intel.com>  
Sergey Dobrodey <sergey.dobrodey@synesis.ru>  
Sergey Frolov <sfrolov@google.com>  
Sergey Glushchenko <gsserge@gmail.com>  
Sergey Ivanov <ser1325@gmail.com>  
Sergey Lukjanov <me@slukjanov.name>  
Sergey Mishin <sergeymishine@gmail.com>  
Sergey Mudrik <sergey.mudrik@gmail.com>  
Sergey Semin <gray12511@gmail.com>  
Sergey Yanykin <syanykin@ozon.ru>  
Sergio Luis O. B. Correia <sergio@correia.cc>  
Sergiusz Bazanski <bazanski@gmail.com>  
Serhat Giydiren <serhatgiydiren@gmail.com>  
Serhii Aheienko <serhii.aheienko@gmail.com>  
Seth Hoenig <seth.a.hoenig@gmail.com>  
Seth Vargo <sethvargo@gmail.com>  
Shahar Kohanim <skohanim@gmail.com>  
Shailesh Suryawanshi <ss.shailesh28@gmail.com>  
Shamil Garatuev <garatuev@gmail.com>  
Shane Hansen <shanemhansen@gmail.com>  
Shang Jian Ding <sding3@ncsu.edu>  
Shaozhen Ding <dsz0111@gmail.com>  
Shaquille Que <shaquille@golang.org>  
Shaquille Wyan Que <shaqywyuan@gmail.com>  
Shaun Dunning <shaun.dunning@uservoice.com>  
Shawn Elliott <selliot@microsoft.com>  
Shawn Ledbetter <sledbetter@google.com>  
Shawn Smith <shawn.p.smith@gmail.com>  
Shawn Walker-Salas <shawn.walker@oracle.com>  
Shenghou Ma <minux@golang.org> <minux.ma@gmail.com>  
Shengjing Zhu <zsj950618@gmail.com>  
Shengyu Zhang <shengyu.zhang@chaitin.com>  
Shi Han Ng <shihanng@gmail.com>  
ShihCheng Tu <mrtoastcheng@gmail.com>

Shijie Hao <haormj@gmail.com>  
Shin Fan <shinfan@google.com>  
Shinji Tanaka <shinji.tanaka@gmail.com>  
Shinnosuke Sawada <6warashi9@gmail.com>  
Shintaro Kaneko <kaneshin0120@gmail.com>  
Shivakumar GN <shivakumar.gn@gmail.com>  
Shivani Singhal <shivani.singhal2804@gmail.com>  
Shivansh Rai <shivansh@freebsd.org>  
Shivashis Padhi <shivashispadhi@gmail.com>  
Shubham Sharma <shubham.sha12@gmail.com>  
Shun Fan <sfan@google.com>  
Silvan Jegen <s.jegen@gmail.com>  
Simarpreet Singh <simar@linux.com>  
Simon Drake <simondrake1990@gmail.com>  
Simon Ferquel <simon.ferquel@docker.com>  
Simon Frei <freisim93@gmail.com>  
Simon Jefford <simon.jefford@gmail.com>  
Simon Rawet <simon@rawet.se>  
Simon Rozman <simon@rozman.si>  
Simon Ser <contact@emersion.fr>  
Simon Thulbourn <simon+github@thulbourn.com>  
Simon Whitehead <chemnova@gmail.com>  
Sina Siadat <siadat@gmail.com>  
Sjoerd Siebinga <sjoerd.siebinga@gmail.com>  
Sokolov Yura <funny.falcon@gmail.com>  
Song Gao <song@gao.io>  
Songjiayang <songjiayang1@gmail.com>  
Soojin Nam <jsunam@gmail.com>  
Sren L. Hansen <soren@linux2go.dk>  
Sparrow Li <liyuanlyx@gmail.com>  
Spencer Kocot <spencerkocot@gmail.com>  
Spencer Nelson <s@spenczar.com>  
Spencer Tung <spencertung@google.com>  
Spring Mc <heresy.mc@gmail.com>  
Srdjan Petrovic <spetrovic@google.com>  
Sridhar Venkatakrishnan <sridhar@laddoo.net>  
Srinidhi Kaushik <shrinidhi.kaushik@gmail.com>  
StalkR <stalkr@stalkr.net>  
Stan Hu <stanhu@gmail.com>  
Stan Schwertly <stan@schwertly.com>  
Stanislav Afanasev <php.progger@gmail.com>  
Steeve Morin <steeve.morin@gmail.com>  
Stefan Baebler <sbaebler@outbrain.com>  
Stefan Nilsson <snilsson@nada.kth.se> <trolleriprofessorn@gmail.com>  
Stepan Shabalín <neverliberty@gmail.com>  
Stephan Klatt <stephan.klatt@gmail.com>  
Stephan Renatus <srenatus@chef.io>  
Stephan Zuercher <zuercher@gmail.com>

Stphane Travostino <stephane.travostino@gmail.com>  
Stephen Lewis <stephen@sock.org.uk>  
Stephen Lu <steuhs@users.noreply.github.com>  
Stephen Ma <stephenm@golang.org>  
Stephen McQuay <stephen@mcquay.me>  
Stephen Searles <stephens2424@gmail.com>  
Stephen Weinberg <stephen@q5comm.com>  
Steve Francia <spf@golang.org>  
Steve Gilbert <stevegilbert23@gmail.com>  
Steve LoFurno <slofurno@gmail.com>  
Steve McCoy <mccoyst@gmail.com>  
Steve Mynott <steve.mynott@gmail.com>  
Steve Newman <snewman@google.com>  
Steve Phillips <elimistev@gmail.com>  
Steve Streeting <steve@stevestreeting.com>  
Steve Traut <straute@google.com>  
Steven Buss <sbuss@google.com>  
Steven Elliot Harris <seharris@gmail.com>  
Steven Erenst <stevenerenst@gmail.com>  
Steven Hartland <steven.hartland@multiplay.co.uk>  
Steven Littiebrant <imgroxx@gmail.com>  
Steven Maude <git@stevenmaude.co.uk>  
Steven Wilkin <stevenwilkin@gmail.com>  
Stuart Jansen <sjansen@buscaluz.org>  
Subham Sarkar <sarkar.subhams2@gmail.com>  
Sue Spence <virtuallysue@gmail.com>  
Sugu Sougoumarane <ssougou@gmail.com>  
Suharsh Sivakumar <suharshs@google.com>  
Sukrit Handa <sukrit.handa@utoronto.ca>  
Sunny <me@darkowlzz.space>  
Suriyaa Sundararuban <suriyaasundararuban@gmail.com>  
Suyash <dextrous93@gmail.com>  
Suzy Mueller <suzmue@golang.org>  
Sven Almgren <sven@tras.se>  
Sven Blumenstein <svbl@google.com>  
Sven Taute <sven.taute@gmail.com>  
Sylvain Zimmer <sylvain@sylvainzimmer.com>  
Syohei YOSHIDA <syohex@gmail.com>  
Szabolcs Nagy <nsz@port70.net>  
Taavi Kivisik <taavi.kivisik@gmail.com>  
Tad Fisher <tadfisher@gmail.com>  
Tad Glines <tad.glines@gmail.com>  
Tadas Valiukas <tadovas@gmail.com>  
Tadeo Kondrak <me@tadeo.ca>  
Taesu Pyo <pyotaesu@gmail.com>  
Tai Le <letientai299@gmail.com>  
Taj Khattrra <taj.khattrra@gmail.com>  
Takashi Matsuo <tmatsuo@google.com>

Takashi Mima <tk.s.m1205@gmail.com>  
Takayoshi Nishida <takayoshi.nishida@gmail.com>  
Takeshi YAMANASHI <9.nashi@gmail.com>  
Takuto Ikuta <tikuta@google.com>  
Takuya Ueda <uedatakuya@gmail.com>  
Tal Shprecher <tshprecher@gmail.com>  
Tams Gulcsi <tgulacsi78@gmail.com>  
Tamir Duberstein <tamird@gmail.com>  
Tao Qingyun <qingyunha@gmail.com>  
Tao Shen <shentaoskyking@gmail.com>  
Tao Wang <twang2218@gmail.com>  
Tarmigan Casebolt <tarmigan@gmail.com>  
Taro Aoki <aizu.s1230022@gmail.com>  
Taru Karttunen <taruti@taruti.net>  
Tatsuhiko Tsujikawa <tatsuhiko.t@gmail.com>  
Tatsuya Kaneko <m.ddotx.f@gmail.com>  
Taufiq Rahman <taufiqrx8@gmail.com>  
Teague Cole <tnc1443@gmail.com>  
Ted Kornish <golang@tedkornish.com>  
Tejasvi Nareddy <tejunareddy@gmail.com>  
Terin Stock <terinjokes@gmail.com>  
Terrel Shumway <gopher@shumway.us>  
Tetsuo Kiso <tetsuokiso9@gmail.com>  
Than McIntosh <thanm@google.com>  
Thanabodee Charoenpiriyakij <wingyminus@gmail.com>  
Thanatat Tamtan <acoshift@gmail.com>  
The Hatsune Daishi <nao20010128@gmail.com>  
Thiago Avelino <t@avelino.xxx>  
Thiago Fransosi Farina <thiago.farina@gmail.com> <tfarina@chromium.org>  
Thom Wiggers <thom@thomwiggers.nl>  
Thomas Alan Copeland <talan.copeland@gmail.com>  
Thomas Bonfort <thomas.bonfort@gmail.com>  
Thomas Bouldin <inlined@google.com>  
Thomas Bruyelle <thomas.bruyelle@gmail.com>  
Thomas Bushnell, BSG <tbushnell@google.com>  
Thomas de Zeeuw <thomasdezeeuw@gmail.com>  
Thomas Desrosiers <thomasdesr@gmail.com>  
Thomas Habets <habets@google.com>  
Thomas Kappler <tkappler@gmail.com>  
Thomas Meson <zllak@hycik.org>  
Thomas Symborski <thomas.symborski@gmail.com>  
Thomas Wanielista <tomwans@gmail.com>  
Thorben Krueger <thorben.krueger@gmail.com>  
Thordur Bjornsson <thorduri@secnorth.net>  
Tiago Queiroz <contato@tiago.eti.br>  
Tianji Wu <the729@gmail.com>  
Tianon Gravi <admwiggin@gmail.com>  
Tilman Dilo <tilman.dilo@gmail.com>

Tim Cooijmans <timcooijmans@gmail.com>  
Tim Cooper <tim.cooper@layeh.com>  
Tim Ebringer <tim.ebringer@gmail.com>  
Tim Heckman <t@heckman.io>  
Tim Henderson <tim.tadh@gmail.com>  
Tim Hockin <thockin@google.com>  
Tim King <taking@google.com>  
Tim Mhlmann <muhlemmer@gmail.com>  
Tim Swast <swast@google.com>  
Tim Wright <tenortim@gmail.com>  
Tim Xu <xiaoxubeei@gmail.com>  
Timmy Douglas <timmyd983@gmail.com>  
Timo Savola <timo.savola@gmail.com>  
Timo Truys <alkaloid.btx@gmail.com>  
Timothy Gu <timothygu99@gmail.com>  
Timothy Studd <tim@timstudd.com>  
Tipp Moseley <tipp@google.com>  
Tiwei Bie <tiwei.btw@antgroup.com>  
Tobias Assarsson <tobias.assarsson@gmail.com>  
Tobias Columbus <tobias.columbus@gmail.com> <tobias.columbus@googlemail.com>  
Tobias Klauser <tklauser@distanz.ch>  
Toby Burrell <kurin@google.com>  
Todd Kulesza <tkulesza@google.com>  
Todd Neal <todd@tneal.org>  
Todd Wang <toddwang@gmail.com>  
Tom Anthony <git@tomanthony.co.uk>  
Tom Bergan <tombergan@google.com>  
Tom Heng <zhm20070928@gmail.com>  
Tom Lanyon <tomlanyon@google.com>  
Tom Levy <tomlevy93@gmail.com>  
Tom Limoncelli <tal@whatexit.org>  
Tom Linfoord <tomlinfoord@gmail.com>  
Tom Panton <tom@tomandtally.co.uk>  
Tom Parkin <tom.parkin@gmail.com>  
Tom Payne <twpayne@gmail.com>  
Tom Szymanski <tgs@google.com>  
Tom Thorogood <me+google@tomthorogood.co.uk>  
Tom Wilkie <tom@weave.works>  
Tom Zierbock <tomzierbock@gmail.com>  
Tomas Dabasinskas <tomas@dabasinskas.net>  
Tommy Schaefer <tommy.schaefer@teecom.com>  
Tomohiro Kusumoto <zabio1192@gmail.com>  
Tomoya Ishizaki <zaq1tomo@gmail.com>  
Tonis Tiigi <tonistiigi@gmail.com>  
Tony Reix <tony.reix@bull.net>  
Tony Walker <walkert.uk@gmail.com>  
Tooru Takahashi <tooru.takahashi134@gmail.com>  
Tor Andersson <tor.andersson@gmail.com>



Torben Schinke <torben.schinke@neotos.de>  
Tormod Erevik Lea <tormodlea@gmail.com>  
Toshihiro Shiino <shiino.toshihiro@gmail.com>  
Toshiki Shima <hayabusa1419@gmail.com>  
Totoro W <tw19881113@gmail.com>  
Travis Bischel <travis.bischel@gmail.com>  
Travis Cline <travis.cline@gmail.com>  
Trevor Strohman <trevor.strohman@gmail.com>  
Trey Lawrence <lawrence.trey@gmail.com>  
Trey Roessig <trey.roessig@gmail.com>  
Trey Tacon <ttacon@gmail.com>  
Tristan Amini <tamini01@ca.ibm.com>  
Tristan Colgate <tcolgate@gmail.com>  
Tristan Oohry <oohry@gmail.com>  
Tristan Rice <rice@fn.lc>  
Troels Thomsen <troels@thomsen.io>  
Trong Bui <trong.buiquoc@gmail.com>  
Trung Nguyen <trung.n.k@gmail.com>  
Tsuji Daishiro <dram.dt.shonan@gmail.com>  
Tudor Golubenco <tudor.g@gmail.com>  
Tugdual Saunier <tugdual.saunier@gmail.com>  
Tuo Shan <sturbo89@gmail.com> <shantuo@google.com>  
Tyler Bui-Palsulich <tpalsulich@google.com>  
Tyler Bunnell <tylerbunnell@gmail.com>  
Tyler Treat <ttreat31@gmail.com>  
Tyson Andre <tysonandre775@gmail.com>  
Tzach Shabtay <tzachshabtay@gmail.com>  
Tzu-Chiao Yeh <su3g4284zo6y7@gmail.com>  
Tzu-Jung Lee <roylee17@currant.com>  
Udalov Max <re.udalov@gmail.com>  
Ugorji Nwoke <ugorji@gmail.com>  
Ulf Holm Nielsen <doktor@dyregod.dk>  
Ulrich Kunitz <uli.kunitz@gmail.com>  
Umang Parmar <umangiparmar@gmail.com>  
Uriel Mangado <uriel@berlinblue.org>  
Urvil Patel <patelurvil38@gmail.com>  
Utkarsh Dixit <53217283+utkarsh-extc@users.noreply.github.com>  
Uttam C Pawar <uttam.c.pawar@intel.com>  
Vadim Grek <vadimprog@gmail.com>  
Vadim Vygonets <unixdj@gmail.com>  
Val Polouchkine <vpolouch@justin.tv>  
Valentin Vidic <vvidic@valentin-vidic.from.hr>  
Vee Zhang <veezhang@126.com> <vveezhang@gmail.com>  
Vega Garcia Luis Alfonso <vegacom@gmail.com>  
Venil Noronha <veniln@vmware.com>  
Veselkov Konstantin <kostozyb@gmail.com>  
Viacheslav Poturaev <vearutop@gmail.com>  
Victor Chudnovsky <vchudnov@google.com>

Victor Michel <victor@optimize.cloud>  
Victor Vrantchan <vrancean+github@gmail.com>  
Vignesh Ramachandra <vickyramachandra@gmail.com>  
Vikas Kedia <vikask@google.com>  
Ville Skytt <ville.skytta@iki.fi>  
Vincent Ambo <tazjin@googlemail.com>  
Vincent Batts <vbatts@hashbangbash.com> <vbatts@gmail.com>  
Vincent Vanackere <vincent.vanackere@gmail.com>  
Vinu Rajashekhar <vinutheraj@gmail.com>  
Vish Subramanian <vish@google.com>  
Vishvananda Ishaya <vishvananda@gmail.com>  
Visweswara R <r.visweswara@gmail.com>  
Vitaly Zdanevich <zdanevich.vitaly@ya.ru>  
Vitor De Mario <vitordemario@gmail.com>  
Vivek Sekhar <vsekhar@google.com>  
Vivek V <iamvivekv96@gmail.com>  
Vivian Liang <vliang88@gmail.com>  
Vlad Krasnov <vlad@cloudflare.com>  
Vladimir Evgrafov <evgrafov.vladimir@gmail.com>  
Vladimir Kovpak <cn007b@gmail.com>  
Vladimir Kuzmin <vkuzmin@uber.com>  
Vladimir Mihailenco <vladimir.webdev@gmail.com>  
Vladimir Nikishenko <vova616@gmail.com>  
Vladimir Stefanovic <vladimir.stefanovic@imgtec.com>  
Vladimir Varankin <nek.narqo@gmail.com>  
Vojtech Bocek <vbocek@gmail.com>  
Volker Dobler <dr.volker.dobler@gmail.com>  
Volodymyr Paprotsky <vpaprots@ca.ibm.com>  
W. Trevor King <wking@tremily.us>  
Wade Simmons <wade@wades.im>  
Wagner Riffel <wgriffel@gmail.com>  
Walt Della <walt@javins.net>  
Walter Poupore <wpoupore@google.com>  
Wander Lairson Costa <wcosta@mozilla.com>  
Wang Xuerui <git@xen0n.name>  
Warren Fernandes <warren.f.fernandes@gmail.com>  
Wayne Ashley Berry <wayneashleyberry@gmail.com>  
Wedson Almeida Filho <wedsonaf@google.com>  
Weerasak Chongnguluan <singpor@gmail.com>  
Wi Cngru <crvv.mail@gmail.com>  
Wei Fu <fhfuwei@163.com>  
Wei Guangjing <vcc.163@gmail.com>  
Wei Xiao <wei.xiao@arm.com>  
Wei Xikai <xykwei@gmail.com>  
Weichao Tang <tevic.tt@gmail.com>  
Wembley G. Leach, Jr <wembley.gl@gmail.com>  
Wenlei (Frank) He <wlhe@google.com>  
Wenzel Lowe <lowewenzel@gmail.com>

Wil Selwood <wselwood@gmail.com>  
Wilfried Teiken <wteiken@google.com>  
Will Beason <willbeason@gmail.com>  
Will Chan <willchan@google.com>  
Will Faught <will.faught@gmail.com>  
Will Morrow <wmorrow.qdt@qualcommdatacenter.com>  
Will Norris <willnorris@google.com>  
Will Storey <will@summercat.com>  
Willem van der Schyff <willemvds@gmail.com>  
William Chan <willchan@chromium.org>  
William Chang <mr.williamchang@gmail.com>  
William Josephson <wjosephson@gmail.com>  
William Orr <will@worrbase.com> <ay1244@gmail.com>  
William Poussier <william.poussier@gmail.com>  
Wisdom Omuya <deafgoat@gmail.com>  
Wu Yunzhou <yunzhouwu@gmail.com>  
Xi Ruoyao <xry23333@gmail.com>  
Xia Bin <snyh@snyh.org>  
Xiangdong Ji <xiangdong.ji@arm.com>  
Xiaodong Liu <teaofmoli@gmail.com>  
Xing Xing <mikespook@gmail.com>  
Xingqiang Bai <bxq2011hust@qq.com>  
Xu Fei <badgangkiller@gmail.com>  
Xudong Zhang <felixmelon@gmail.com>  
Xudong Zheng <7pkvm5aw@slicealias.com>  
Xuyang Kang <xuyangkang@gmail.com>  
Yamagishi Kazutoshi <ykzts@desire.sh>  
Yan Zou <yzou@google.com>  
Yang Hau <vulxj0j8j8@gmail.com>  
Yang Tian <linuxty@gmail.com>  
Yann Hodique <yhodique@google.com>  
Yann Kerherv <yann.kerherve@gmail.com>  
Yann Salan <yannsalaun1@gmail.com>  
Yannic Bonenberger <contact@yannic-bonenberger.com>  
Yao Zhang <lunaria21@gmail.com>  
Yaron de Leeuw <jarondl@google.com>  
Yaroslav Vorobiov <yar.vorobiov@gmail.com>  
Yasha Bubnov <girokompas@gmail.com>  
Yasser Abdolmaleki <yasser@yasser.ca>  
Yasuharu Goto <matope.ono@gmail.com>  
Yasuhiro Matsumoto <mattn.jp@gmail.com>  
Yasuyuki Oka <yasuyk@gmail.com>  
Yazen Shunnar <yazen.shunnar@gmail.com>  
Yestin Sun <ylh@pdx.edu>  
Yesudeep Mangalapilly <yesudeep@google.com>  
Yissakhar Z. Beck <yissakhar.beck@gmail.com>  
Yo-An Lin <yoanlin93@gmail.com>  
Yohei Takeda <yo.tak0812@gmail.com>

Yongjian Xu <i3dmaster@gmail.com>  
Yorman Arias <cixtors@gmail.com>  
Yoshiyuki Kanno <nekotaroh@gmail.com> <yoshiyuki.kanno@stoic.co.jp>  
Yoshiyuki Mineo <yoshiyuki.mineo@gmail.com>  
Yosuke Akatsuka <yosuke.akatsuka@gmail.com>  
Yu Heng Zhang <annita.zhang@cn.ibm.com>  
Yu Xuan Zhang <zyxsh@cn.ibm.com>  
Yuichi Kishimoto <yk2220s@gmail.com>  
Yuichi Nishiwaki <yuichi.nishiwaki@gmail.com>  
Yuji Yaginuma <yuuji.yaginuma@gmail.com>  
Yuki OKUSHI <huyuumi.dev@gmail.com>  
Yuki Yugui Sonoda <yugui@google.com>  
Yukihiro Nishinaka <6elpinal@gmail.com>  
Yury Smolsky <yury@smolsky.by>  
Yusuke Kagiwada <block.rxckin.beats@gmail.com>  
Yuusei Kuwana <kuwana@kumama.org>  
Yuval Pavel Zholkover <paulzhol@gmail.com>  
Yves Junqueira <yvesj@google.com> <yves.junqueira@gmail.com>  
Zac Bergquist <zbergquist99@gmail.com>  
Zach Bintliff <zbintliff@gmail.com>  
Zach Gershman <zachgersh@gmail.com>  
Zach Jones <zachj1@gmail.com>  
Zachary Amsden <zach@thundertoken.com>  
Zachary Gershman <zgershman@pivotal.io>  
Zak <zrjknill@gmail.com>  
Zakatell Kanda <hi@zkanda.io>  
Zellyn Hunter <zellyn@squareup.com> <zellyn@gmail.com>  
Zev Goldstein <zev.goldstein@gmail.com>  
Zhang Boyang <zhangboyang.id@gmail.com>  
Zheng Dayu <davidzheng23@gmail.com>  
Zheng Xu <zheng.xu@arm.com>  
Zhengyu He <hzy@google.com>  
Zhongpeng Lin <zplin@uber.com>  
Zhongtao Chen <chenzhongtao@126.com>  
Zhongwei Yao <zhongwei.yao@arm.com>  
Zhou Peng <p@ctruple.cn>  
Ziad Hatahet <hatahet@gmail.com>  
Ziheng Liu <lzhfromustc@gmail.com>  
Zorion Arrizabalaga <zorionk@gmail.com>  
Zyad A. Ali <zyad.ali.me@gmail.com>  
<a.maksadbek@gmail.com>  
<max.faceless.frei@gmail.com>  
<hagen1778@gmail.com>  
<tbunyk@gmail.com>  
<faxriddinjon@gmail.com>  
<zs349596@gmail.com>  
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### THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,  
Cambridge, England.

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-----

Written by: Zoltan Herczeg  
Email local part: hzmester  
Email domain: freemail.hu

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Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/man1, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows \_PATH\_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. you should check this out.

say:

```
make all
```

su and say:

```
make install
```

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created. Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src  
crontab -u news -r /usr/lib/news/crontab.src  
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until

they are reinstalled with another `crontab -r' command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER' is given; `-u' only works for root. When using most `su' commands under most BSD's, `crontab' will still think of you as yourself even though you may think of yourself as root -- so use `-u' liberally. (3) the `-r' option stands for `replace'; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/INSTALL
```

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# */
```

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up and rip out all the 'su' commands, collapse the lengthy lists into ranges with steps -- basically, this step is as much work as you want to make it)

start up the new cron

(must be done as root)

watch it. test it with 'crontab -r' and watch the daemon track your changes.

if you like it, change your /etc/{rc,rc.local} to use it instead of

the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

Found in path(s):

\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/README

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.\" */
.\"
.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\"
```

Found in path(s):

\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.1

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* I'll try to keep a version up to date. I can be reached as follows:
```



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\*/

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\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/externs.h

\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/pathnames.h

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.\" @(#)bitstring.3 5.1 (Berkeley) 12/13/89

.\"

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\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/bitstring.3

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\*/

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\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/do\_command.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/env.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/misc.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/job.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/entry.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/config.h  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/database.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.h  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/user.c  
\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/compat.c

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\*  
\* @(#)bitstring.h 5.2 (Berkeley) 4/4/90  
\*/

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\* /opt/cola/permits/1223164981\_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/bitstring.h

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.\" */
.\"
.\" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\"
```

Found in path(s):

```
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.\" */
.\"
.\" $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $
.\"
```

Found in path(s):

```
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p11-orig-tar-bz2/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.8
```

# 1.673 gnupg 2.2.19 3ubuntu2.1

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```

```
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#+STARTUP: showall
```

\* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

-----  
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/**
 * Creates an array of the own enumerable property names of `object`.
 *
 * Note: Non-object values are coerced to objects. See the
 * [ES spec](http://ecma-international.org/ecma-262/7.0/#sec-object.keys)
 * for more details.
 *
 * @static
 * @since 0.1.0
 * @memberOf _
 * @category Object
 * @param {Object} object The object to query.
```

```

* @returns {Array} Returns the array of property names.
* @example
*
* function Foo() {
*   this.a = 1;
*   this.b = 2;
* }
*
* Foo.prototype.c = 3;
*
* _.keys(new Foo);
* // => ['a', 'b'] (iteration order is not guaranteed)
*
* _.keys('hi');
* // => ['0', '1']
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* 1.3.2
* 2016-06-16 18:25:19
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*/
// for more details.
/**
* Sets metadata for `func`.
*
* **Note:** If this function becomes hot, i.e. is invoked a lot in a short
* period of time, it will trip its breaker and transition to an identity
* function to avoid garbage collection pauses in V8. See
* [V8 issue 2070](https://bugs.chromium.org/p/v8/issues/detail?id=2070)
* for more details.
*
* @private
* @param {Function} func The function to associate metadata with.
* @param {*} data The metadata.
* @returns {Function} Returns `func`.
*/
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* see https://github.com/paulmillr/es6-shim/blob/0.35.1/LICENSE
* Details and documentation:
* https://github.com/paulmillr/es6-shim/
*/
/* =====
* Bootstrap: transition.js v3.3.7
* http://getbootstrap.com/javascript/#transitions
* =====
* Copyright 2011-2016 Twitter, Inc.
* Licensed under MIT (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* ===== */
/*!
* Sizzle CSS Selector Engine v2.3.3
* https://sizzlejs.com/
*
* Copyright jQuery Foundation and other contributors
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*
* Date: 2016-08-08
*/
/**
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*
* This file contains a modified version of:
* https://github.com/facebook/react/blob/v0.12.0/src/addons/transitions/ReactTransitionEvents.js
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* https://github.com/facebook/react/blob/v0.12.0/PATENTS
*/
// Zepto.js may be freely distributed under the MIT license.

```

Found in path(s):

```

* /opt/cola/permits/1337433013_1658940586.7039633/0/luminati-proxy-1-128-322-
tgz/package/bin/pub/fde7e99c5530b2a52e67.vendor.js

```

No license file was found, but licenses were detected in source scan.

version.

Found in path(s):

```

* /opt/cola/permits/1337433013_1658940586.7039633/0/luminati-proxy-1-128-322-tgz/package/src/pub/login.js

```

# 1.675 zipkin-go-opentracing 0.3.4

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# 1.676 base-files 11ubuntu5.5

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* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/WebSocketTransport.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/XhrTransport.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/Session.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/JsonCodec.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/EventBusBridgeHook.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/EventBusBridge.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/RawWebSocketTransport.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/TransportListener.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/JsonPTransport.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/BaseTransport.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/HtmlFileTransport.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
jar/io/vertx/ext/sockjs/impl/SockJSServerImpl.java
* /opt/cola/permits/1217182149_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-
```



jar/io/vertx/ext/sockjs/impl/SockJSSocketBase.java  
\* /opt/cola/permits/1217182149\_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-  
jar/io/vertx/ext/sockjs/SockJSSocket.java  
\* /opt/cola/permits/1217182149\_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-  
jar/io/vertx/ext/sockjs/Transport.java  
\* /opt/cola/permits/1217182149\_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-  
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\* /opt/cola/permits/1217182149\_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-jar/io/vertx/groovy/ext/sockjs/SockJSServer.groovy  
\* /opt/cola/permits/1217182149\_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-jar/ext-sockjs-js/sock\_jsserver.js  
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\* /opt/cola/permits/1217182149\_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-jar/io/vertx/groovy/ext/sockjs/SockJSSocket.groovy  
\* /opt/cola/permits/1217182149\_1635515105.41/0/vertx-sockjs-3-0-0-dev-preview1-sources-jar/ext-sockjs-js/sock\_js\_socket.js

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## 1.682 etree 1.1.0

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Brett Vickers (beevik)  
Felix Geisendrfer (felixge)  
Kamil Kisiel (kisielk)

Graham King (grahamking)

Matt Smith (ma314smith)

Michal Jemala (michaljemala)

Nicolas Piganeau (npiganeau)

Chris Brown (ccbrown)

Earncef Sequeira (earncef)

Gabriel de Labachellerie (wuzuf)

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Upstream-Contact: Yann Collet <[Cyan4973@github.com](mailto:Cyan4973@github.com)>

Source: <https://github.com/lz4/lz4>

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Upstream-Name: lz4

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## 1.687 semver 3.5.1

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## 1.689 libyaml 0.2.2 1

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2006-2010 Johannes Berg <johannes@sipsolutions.net>  
2008 Michael Wu <flamingice@sourmilk.net>  
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2008 Michael Buesch <m@bues.ch>  
2008, 2009 Luis R. Rodriguez <lrodriguez@atheros.com>  
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2009 Wolfgang Grandegger <wg@grandegger.com>  
1999 Thomas Davis <tadavis@lbl.gov>  
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2009, 2010 Lennart Poettering

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2010 Maxim Levitsky

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2011 Karel Zak <kzak@redhat.com>

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### THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

University of Cambridge Computing Service,  
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## 1.696 kibana-reporting 7.2.1

### 1.697 sqlhooks 1.3.0

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