Certificate Authority Trust List

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Certificate Authority Trust List

The following is the list of trusted Certificate Authorities embedded in the following devices:

* Cisco IP Phone 7800 Series, as of release 12.7
* Cisco IP Phone 8800 Series, as of release 12.7

For Mobile and Remote Access through Expressway, the Expressway server must be signed against one of these Certificate Authorities.

| Fingerprint | Subject |
| --- | --- |
| 342cd9d3062da48c346965297f081ebc2ef68fdc | C=AT, L=Vienna, ST=Austria, O=ARGE DATEN - Austrian Society for Data Protection, OU=GLOBALTRUST Certification Service, CN=GLOBALTRUST, emailAddress=info@globaltrust.info |
| 4caee38931d19ae73b31aa75ca33d621290fa75e | C=AT, O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH, OU=A-Trust-nQual-03, CN=A-Trust-nQual-03 |
| cd787a3d5cba8207082848365e9acde9683364d8 | C=AT, O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH, OU=A-Trust-Qual-02, CN=A-Trust-Qual-02 |
| 2e66c9841181c08fb1dfabd4ff8d5cc72be08f02 | C=AT, O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH, OU=A-Trust-Root-05, CN=A-Trust-Root-05 |
| 84429d9fe2e73a0dc8aa0ae0a902f2749933fe02 | C=AU, O=GOV, OU=DoD, OU=PKI, OU=CAs, CN=ADOCA02 |
| 51cca0710af7733d34acdc1945099f435c7fc59f | C=BE, CN=Belgium Root CA2 |
| a59c9b10ec7357515abb660c4d94f73b9e6e9272 | C=BE, O=Certipost s.a., n.v., CN=Certipost E-Trust Primary Normalised CA |
| 742cdf1594049cbf17a2046cc639bb3888e02e33 | C=BE, O=Certipost s.a., n.v., CN=Certipost E-Trust Primary Qualified CA |
| 0560a2c738ff98d1172a94fe45fb8a47d665371e | C=BE, O=Certipost s.a., n.v., CN=Certipost E-Trust TOP Root CA |
| b1bc968bd4f49d622aa89a81f2150152a41d829c | C=BE, O=GlobalSign nv-sa, OU=Root CA, CN=GlobalSign Root CA |
| 1b8eea5796291ac939eab80a811a7373c0937967 | C=BM, O=QuoVadis Limited, CN=QuoVadis Root CA 1 G3 |
| ca3afbcf1240364b44b216208880483919937cf7 | C=BM, O=QuoVadis Limited, CN=QuoVadis Root CA 2 |
| 093c61f38b8bdc7d55df7538020500e125f5c836 | C=BM, O=QuoVadis Limited, CN=QuoVadis Root CA 2 G3 |
| 1f4914f7d874951dddae02c0befd3a2d82755185 | C=BM, O=QuoVadis Limited, CN=QuoVadis Root CA 3 |
| 4812bd923ca8c43906e7306d2796e6a4cf222e7d | C=BM, O=QuoVadis Limited, CN=QuoVadis Root CA 3 G3 |
| de3f40bd5093d39b6c60f6dabc076201008976c9 | C=BM, O=QuoVadis Limited, OU=Root Certification Authority, CN=QuoVadis Root Certification Authority |
| 705d2b4565c7047a540694a79af7abb842bdc161 | C=BR, O=ICP-Brasil, OU=Instituto Nacional de Tecnologia da Informacao - ITI, CN=Autoridade Certificadora Raiz Brasileira v1 |
| a9822e6c6933c63c148c2dcaa44a5cf1aad2c42e | C=BR, O=ICP-Brasil, OU=Instituto Nacional de Tecnologia da Informacao - ITI, CN=Autoridade Certificadora Raiz Brasileira v2 |
| cb658264ea8cda186e1752fb52c397367ea387be | C=CA, ST=Ontario, L=Toronto, O=Echoworx Corporation, OU=Certification Services, CN=Echoworx Root CA2 |
| 253f775b0e7797ab645f15915597c39e263631d1 | C=ch, O=admin, OU=Services, OU=Certification Authorities, CN=Admin-Root-CA |
| 5f3afc0a8b64f686673474df7ea9a2fef9fa7a51 | C=ch, O=Swisscom, OU=Digital Certificate Services, CN=Swisscom Root CA 1 |
| 77474fc630e40f4c47643f84bab8c6954a8a41ec | C=ch, O=Swisscom, OU=Digital Certificate Services, CN=Swisscom Root CA 2 |
| e7a19029d3d552dc0d0fc692d3ea880d152e1a6b | C=ch, O=Swisscom, OU=Digital Certificate Services, CN=Swisscom Root EV CA 2 |
| d8c5388ab7301b1b6ed47ae645253a6f9f1a2761 | C=CH, O=SwissSign AG, CN=SwissSign Gold CA - G2 |
| 0b7199a1c7f3addf7ba7eab8eb574ae80d60ddde | C=CH, O=SwissSign AG, CN=SwissSign Gold Root CA - G3 |
| 56e0fac03b8f18235518e5d311cae8c24331ab66 | C=CH, O=SwissSign AG, CN=SwissSign Platinum CA - G2 |
| a1e7c600aa4170e5b74bc94f9b9703edc261b4b9 | C=CH, O=SwissSign AG, CN=SwissSign Platinum Root CA - G3 |
| 9baae59f56ee21cb435abe2593dfa7f040d11dcb | C=CH, O=SwissSign AG, CN=SwissSign Silver CA - G2 |
| 8d08fc43c0770ca84f4dccb2d41a5d956d786dc4 | C=CH, O=SwissSign AG, CN=SwissSign Silver Root CA - G3 |
| a1585187156586cef9c454e22ab15c58745607b4 | C=CH, O=The Federal Authorities of the Swiss Confederation, OU=Services, OU=Certification Authorities, CN=Swiss Government Root CA I |
| c7f7cbe2023666f986025d4a3e313f29eb0c5b38 | C=CH, O=The Federal Authorities of the Swiss Confederation, OU=Services, OU=Certification Authorities, CN=Swiss Government Root CA II |
| 5922a1e15aea163521f898396a4646b0441b0fa9 | C=CH, O=WISeKey, OU=Copyright (c) 2005, OU=OISTE Foundation Endorsed, CN=OISTE WISeKey Global Root GA CA |
| eabda240440abbd694930a01d09764c6c2d77966 | C=CN, O=CFCA GT CA |
| e2b8294b5584ab6b58c290466cac3fb8398f8483 | C=CN, O=China Financial Certification Authority, CN=CFCA EV ROOT |
| 0f36385b811a25c39b314e83cae9346670cc74b4 | C=CN, O=GUANG DONG CERTIFICATE AUTHORITY CO.,LTD., CN=GDCA TrustAUTH R5 ROOT |
| 0b972c9ea6e7cc58d93b20bf71ec412e7209fabf | C=CN, O=UniTrust, CN=UCA Global Root |
| 8250bed5a214433a66377cbc10ef83f669da3a67 | C=CN, O=UniTrust, CN=UCA Root |
| d2441aa8c203aecaa96e501f124d52b68fe4c375 | C=CZ, CN=I.CA - Qualified Certification Authority, 09, 2009, O=PrvnÃ­ certifikaÄnÃ­ autorita, a.s., OU=I.CA - Accredited Provider of Certification Services |
| a0f8db3f0bf417693b282eb74a6ad86df9d448a3 | C=CZ, O=ÄŒeskÃ¡ poÅ¡ta, s.p. [IÄŒ 47114983], CN=PostSignum Root QCA 2 |
| 6c7ccce7d4ae515f9908cd3ff6e8c378df6fef97 | C=DE, O=D-Trust GmbH, CN=D-TRUST Root CA 3 2013 |
| 4a058fdfd761db21b0c2ee48579be27f42a4da1c | C=DE, O=D-Trust GmbH, CN=D-TRUST Root Class 2 CA 2007 |
| 58e8abb0361533fb80f79b1b6d29d3ff8d5f00f0 | C=DE, O=D-Trust GmbH, CN=D-TRUST Root Class 3 CA 2 2009 |
| 96c91b0b95b4109842fad0d82279fe60fab91683 | C=DE, O=D-Trust GmbH, CN=D-TRUST Root Class 3 CA 2 EV 2009 |
| fd1ed1e2021b0b9f73e8eb75ce23436bbcc746eb | C=DE, O=D-Trust GmbH, CN=D-TRUST Root Class 3 CA 2007 |
| 85a408c09c193e5d51587dcdd61330fd8cde37bf | C=DE, O=Deutsche Telekom AG, OU=T-TeleSec Trust Center, CN=Deutsche Telekom Root CA 2 |
| 1b3d1114ea7a0f9558544195bf6b2582ab40ce9a | C=DE, O=Deutscher Sparkassen Verlag GmbH, OU=S-TRUST Certification Services, CN=S-TRUST Universal Root CA |
| 590d2d7d884f402e617ea562321765cf17d894e9 | C=DE, O=T-Systems Enterprise Services GmbH, OU=T-Systems Trust Center, CN=T-TeleSec GlobalRoot Class 2 |
| 55a6723ecbf2eccdc3237470199d2abe11e381d1 | C=DE, O=T-Systems Enterprise Services GmbH, OU=T-Systems Trust Center, CN=T-TeleSec GlobalRoot Class 3 |
| 5cfb1f5db732e4084c0dd4978574e0cbc093beb3 | C=DK, O=TRUST2408, CN=TRUST2408 OCES Primary CA |
| c9a8b9e755805e58e35377a725ebafc37b27ccd7 | C=EE, O=AS Sertifitseerimiskeskus, CN=EE Certification Centre Root CA, emailAddress=pki@sk.ee |
| aec5fb3fc8e1bfc4e54f03075a9ae800b7f7b6fa | C=ES, CN=Autoridad de Certificacion Firmaprofesional CIF A62634068 |
| 28903a635b5280fae6774c0b6da7d6baa64af2e8 | C=ES, O=Agencia Catalana de Certificacio (NIF Q-0801176-I), OU=Serveis Publics de Certificacio, OU=Vegeu https:, , www.catcert.net, verarrel (c)03, OU=Jerarquia Entitats de Certificacio Catalanes, CN=EC-ACC |
| 11c5b5f75552b011669c2e9717de6d9bff5fa810 | C=ES, O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF B83395988, CN=ANCERT Certificados CGN |
| c09ab0c8ad7114714ed5e21a5a276adcd5e7efcb | C=ES, O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF B83395988, CN=ANCERT Certificados Notariales |
| 0cfd83dbae44b9a0c8f676f3b570650b94b69dbf | C=ES, O=Agencia Notarial de Certificacion S.L. Unipersonal - CIF B83395988, CN=ANCERT Corporaciones de Derecho Publico |
| 7eb1a0429be5f428ac2b93971d7c8448a536070c | C=ES, O=Agencia Notarial de Certificacion S.L.U. - CIF B83395988, CN=ANCERT Certificados CGN V2 |
| 6f62deb86c85585ae42e478db4d76db367585ae6 | C=ES, O=Agencia Notarial de Certificacion S.L.U. - CIF B83395988, CN=ANCERT Certificados Notariales V2 |
| 211165ca379fbb5ed801e31c430a62aac109bcb4 | C=ES, O=Colegio de Registradores de la Propiedad y Mercantiles de EspaÃ±a, OU=Certificado Propio, CN=Registradores de EspaÃ±a - CA RaÃ­z |
| 7f8a77836bdc6d068f8b0737fcc5725413068ca4 | C=ES, O=Consejo General de la Abogacia NIF:Q-2863006I, CN=Autoridad de Certificacion de la Abogacia |
| b38fecec0b148aa686c3d00f01ecc8848e8085eb | C=ES, O=DIRECCION GENERAL DE LA POLICIA, OU=DNIE, CN=AC RAIZ DNIE |
| b865130bedca38d27f69929420770bed86efbc10 | C=ES, O=FNMT-RCM, OU=AC RAIZ FNMT-RCM |
| 43f9b110d5bafd48225231b0d0082b372fef9a54 | C=ES, O=FNMT, OU=FNMT Clase 2 CA |
| a073e5c5bd43610d864c21130a855857cc9cea46 | C=ES, O=Generalitat Valenciana, OU=PKIGVA, CN=Root CA Generalitat Valenciana |
| 2f783d255218a74a653971b52ca29c45156fe919 | C=ES, O=IZENPE S.A., CN=Izenpe.com |
| 30779e9315022e94856a3ff8bcf815b082f9aefd | C=ES, O=IZENPE S.A., CN=Izenpe.com |
| 5bb59920d11b391479463add5100db1d52f43ad4 | C=ES, ST=Barcelona, L=Barcelona (see current address at http:, , www.anf.es, es, address-direccion.html ), O=ANF Autoridad de Certificacion, OU=ANF Clase 1 CA, emailAddress=info@anf.es, serialNumber=G63287510, CN=ANF Global Root CA |
| 26caff09a7afbae96810cfff821a94326d2845aa | C=ES, ST=Barcelona, L=Barcelona (see current address at http:, , www.anf.es, es, address-direccion.html ), O=ANF Autoridad de Certificacion, OU=ANF Clase 1 CA, emailAddress=info@anf.es, serialNumber=G63287510, CN=ANF Global Root CA |
| cea9890d85d80753a626286cdad78cb566d70cf2 | C=ES, ST=Barcelona, L=Barcelona (see current address at https:, , www.anf.es, address, ), O=ANF Autoridad de CertificaciÃ³n, OU=ANF Clase 1 CA, serialNumber=G63287510, CN=ANF Server CA |
| 786a74ac76ab147f9c6a3050ba9ea87efe9ace3c | C=EU, L=Madrid (see current address at www.camerfirma.com, address), serialNumber=A82743287, O=AC Camerfirma S.A., CN=Chambers of Commerce Root - 2008 |
| 4abdeeec950d359c89aec752a12c5b29f6d6aa0c | C=EU, L=Madrid (see current address at www.camerfirma.com, address), serialNumber=A82743287, O=AC Camerfirma S.A., CN=Global Chambersign Root - 2008 |
| 6e3a55a4190c195c93843cc0db722e313061f0b1 | C=EU, O=AC Camerfirma SA CIF A82743287, OU=http:, , www.chambersign.org, CN=Chambers of Commerce Root |
| 339b6b1450249b557a01877284d9e02fc3d2d8e9 | C=EU, O=AC Camerfirma SA CIF A82743287, OU=http:, , www.chambersign.org, CN=Global Chambersign Root |
| 37f76de6077c90c5b13e931ab74110b4f2e49a27 | C=FI, O=Sonera, CN=Sonera Class2 CA |
| faa7d9fb31b746f200a85e65797613d816e063b5 | C=FI, ST=Finland, O=Vaestorekisterikeskus CA, OU=Certification Authority Services, OU=Varmennepalvelut, CN=VRK Gov. Root CA |
| 1ac92f09ea89e28b126dfac51e3af7ea9095a3ee | C=FR, O=ANSSI, OU=0002 130007669, CN=IGC, A AC racine Etat francais |
| fa0882595f9ca6a11eccbeaf65c764c0ccc311d0 | C=FR, O=Certeurope, OU=0002 434202180, CN=Certeurope Root CA 2 |
| 2e14daec28f0fa1e8e389a4eabeb26c00ad383c3 | C=FR, O=Certinomis, OU=0002 433998903, CN=Certinomis - AutoritÃ© Racine |
| 9d70bb01a5a4a018112ef71c01b932c534e788a8 | C=FR, O=Certinomis, OU=0002 433998903, CN=Certinomis - Root CA |
| 22fdd0b7fda24e0dac492ca0aca67b6a1fe3f766 | C=FR, O=Certplus, CN=Certplus Root CA G1 |
| 4f658e1fe906d82802e9544741c954255d69cc1a | C=FR, O=Certplus, CN=Certplus Root CA G2 |
| 6a174570a916fbe84453eed3d070a1d8da442829 | C=FR, O=Certplus, CN=Class 1 Primary CA |
| 74207441729cdd92ec7931d823108dc28192e2bb | C=FR, O=Certplus, CN=Class 2 Primary CA |
| d2edf88b41b6fe01461d6e2834ec7c8f6c77721e | C=FR, O=Certplus, CN=Class 3 Primary CA |
| 216b2a29e62a00ce820146d8244141b92511b279 | C=FR, O=Certplus, CN=Class 3P Primary CA |
| f44095c238ac73fc4f77bf8f98df70f8f091bc52 | C=FR, O=Certplus, CN=Class 3TS Primary CA |
| b12e13634586a46f1ab2606837582dc4acfd9497 | C=FR, O=Dhimyotis, CN=Certigna |
| 9c615c4d4d85103a5326c24dbaeae4a2d2d5cc97 | C=FR, O=KEYNECTIS, OU=ROOT, CN=KEYNECTIS ROOT CA |
| 7991e834f7e2eedd08950152e9552d14e958d57e | C=FR, O=OpenTrust, CN=OpenTrust Root CA G1 |
| 795f8860c5ab7c3d92e6cbf48de145cd11ef600b | C=FR, O=OpenTrust, CN=OpenTrust Root CA G2 |
| 6e2664f356bf3455bfd1933f7c01ded813da8aa6 | C=FR, O=OpenTrust, CN=OpenTrust Root CA G3 |
| 60d68974b5c2659e8a0fc1887c88d246691b182c | C=FR, ST=France, L=Paris, O=PM, SGDN, OU=DCSSI, CN=IGC, A, emailAddress=igca@sgdn.pm.gouv.fr |
| 3bc0380b33c3f6a60c86152293d9dff54b81c004 | C=GB, O=Trustis Limited, OU=Trustis FPS Root CA |
| d1eb23a46d17d68fd92564c2f1f1601764d8e349 | C=GB, ST=Greater Manchester, L=Salford, O=Comodo CA Limited, CN=AAA Certificate Services |
| ee869387fffd8349ab5ad14322588789a457b012 | C=GB, ST=Greater Manchester, L=Salford, O=COMODO CA Limited, CN=COMODO Certification Authority |
| 6631bf9ef74f9eb6c9d5a60cba6abed1f7bdef7b | C=GB, ST=Greater Manchester, L=Salford, O=COMODO CA Limited, CN=COMODO Certification Authority |
| 9f744e9f2b4dbaec0f312c50b6563b8e2d93c311 | C=GB, ST=Greater Manchester, L=Salford, O=COMODO CA Limited, CN=COMODO ECC Certification Authority |
| afe5d244a8d1194230ff479fe2f897bbcd7a8cb4 | C=GB, ST=Greater Manchester, L=Salford, O=COMODO CA Limited, CN=COMODO RSA Certification Authority |
| db2b7b434dfb7fc1cb5926ec5d9521fe350ff279 | C=GR, O=Athens Exchange S.A., CN=ATHEX Root CA |
| fe45659b79035b98a161b5512eacda580948224d | C=GR, O=Hellenic Academic and Research Institutions Cert. Authority, CN=Hellenic Academic and Research Institutions RootCA 2011 |
| d6daa8208d09d2154d24b52fcb346eb258b28a58 | C=HK, O=Hongkong Post, CN=Hongkong Post Root CA 1 |
| 89df74fe5cf40f4a80f9e3377d54da91e101318e | C=HU, L=Budapest, O=Microsec Ltd., CN=Microsec e-Szigno Root CA 2009, emailAddress=info@e-szigno.hu |
| 06083f593f15a104a069a46ba903d006b7970991 | C=HU, L=Budapest, O=NetLock Kft., OU=TanÃºsÃ­tvÃ¡nykiadÃ³k (Certification Services), CN=NetLock Arany (Class Gold) FÅ‘tanÃºsÃ­tvÃ¡ny |
| ec93de083c93d933a986b3d5cde25acb2feecf8e | C=HU, L=Budapest, O=NetLock Kft., OU=TanÃºsÃ­tvÃ¡nykiadÃ³k (Certification Services), CN=NetLock Platina (Class Platinum) FÅ‘tanÃºsÃ­tvÃ¡ny |
| ffb7e08f66e1d0c2582f0245c4970292a46e8803 | C=HU, L=Budapest, O=NISZ Nemzeti InfokommunikÃ¡ciÃ³s SzolgÃ¡ltatÃ³ Zrt., CN=FÅ‘tanÃºsÃ­tvÃ¡nykiadÃ³ - KormÃ¡nyzati HitelesÃ­tÃ©s SzolgÃ¡ltatÃ³ |
| aced5f6553fd25ce015f1f7a483b6a749f6178c6 | C=HU, ST=Hungary, L=Budapest, O=NetLock Halozatbiztonsagi Kft., OU=Tanusitvanykiadok, CN=NetLock Kozjegyzoi (Class A) Tanusitvanykiado |
| d4de20d05e66fc53fe1a50882c78db2852cae474 | C=IE, O=Baltimore, OU=CyberTrust, CN=Baltimore CyberTrust Root |
| 4394ce3126ff1a224cdd4deeb4f4ec1da368ef6a | C=IL, O=PersonalID Ltd., OU=Certificate Services, CN=PersonalID Trustworthy RootCA 2011 |
| 3bc6dce00307bd676041ebd85970c62f8fda5109 | C=IN, O=India PKI, CN=CCA India 2015 SPL |
| f373b387065a28848af2f34ace192bddc78e9cac | C=IT, L=Milan, O=Actalis S.p.A., 03358520967, CN=Actalis Authentication Root CA |
| 9158c5ef987301a8903cfdab03d72da1d88909c9 | C=IT, L=Milano, O=Actalis S.p.A., 03358520967, CN=Actalis Authentication CA G1 |
| cabb51672400588e6419f1d40878d0403aa20264 | C=JP, O=Japan Certification Services, Inc., CN=SecureSign RootCA1 |
| 3bc49f48f8f373a09c1ebdf85bb1c365c7d811b3 | C=JP, O=Japan Certification Services, Inc., CN=SecureSign RootCA11 |
| 00ea522c8a9c06aa3ecce0b4fa6cdc21d92e8099 | C=JP, O=Japan Certification Services, Inc., CN=SecureSign RootCA2 |
| 8eb03fc3cf7bb292866268b751223db5103405cb | C=JP, O=Japan Certification Services, Inc., CN=SecureSign RootCA3 |
| f00fc37d6a1c9261fb6bc1c218498c5aa4dc51fb | C=JP, O=Japanese Government, OU=GPKI, CN=ApplicationCA2 Root |
| 6f3884568e99c8c6ac0e5dde2db202dd002e3663 | C=JP, O=LGPKI, CN=Application CA G3 Root |
| feb8c432dcf9769aceae3dd8908ffd288665647d | C=JP, O=SECOM Trust Systems CO.,LTD., OU=Security Communication EV RootCA1 |
| 5f3b8cf2f810b37d78b4ceec1919c37334b9c774 | C=JP, O=SECOM Trust Systems CO.,LTD., OU=Security Communication RootCA2 |
| 36b12b49f9819ed74c9ebc380fc6568f5dacb2f7 | C=JP, O=SECOM Trust.net, OU=Security Communication RootCA1 |
| 7612ed9e49b365b4dad3120c01e603748dae8cf0 | C=KR, O=Government of Korea, OU=GPKI, CN=GPKIRootCA1 |
| 027268293e5f5d17aaa4b3c3e6361e1f92575eaa | C=KR, O=KISA, OU=Korea Certification Authority Central, CN=KISA RootCA 1 |
| c860a318fcf5b7130b1007ad7f614a40ffff185f | C=LT, O=Skaitmeninio sertifikavimo centras, OU=CA ROOT Services, CN=SSC GDL CA Root B |
| 5a5a4daf7861267c4b1f1e67586bae6ed4feb93f | C=LT, O=Skaitmeninio sertifikavimo centras, OU=Certification Authority, CN=SSC Root CA A |
| 3e84d3bcc544c0f6fa19435c851f3f2fcba8e814 | C=LT, O=Skaitmeninio sertifikavimo centras, OU=Certification Authority, CN=SSC Root CA B |
| 23e833233e7d0cc92b7c4279ac19c2f474d604ca | C=LT, O=Skaitmeninio sertifikavimo centras, OU=Certification Authority, CN=SSC Root CA C |
| 971d3486fc1e8e6315f7c6f2e12967c724342214 | C=LT, O=VI Registru Centras - I.k. 124110246, OU=Registru Centro Sertifikavimo Centras, CN=VI Registru Centras RCSC (RootCA) |
| c93c34ea90d9130c0f03004b98bd8b3570915611 | C=LU, O=LuxTrust s.a., CN=LuxTrust Global Root |
| 086418e906cee89c2353b6e27fbd9e7439f76316 | C=LV, O=VAS Latvijas Pasts - Vien.reg.Nr.40003052790, OU=Sertifikacijas pakalpojumi, CN=VAS Latvijas Pasts SSI(RCA) |
| c9321de6b5a82666cf6971a18a56f2d3a8675602 | C=LV, OU=Sertifikacijas pakalpojumu dala, CN=E-ME SSI (RCA) |
| 9957c53fc59fb8e739f7a4b7a70e9b8e659f208c | C=my, O=TM, OU=TM Applied Business Certification Authority, CN=TM Applied Business Root Certificate |
| f138a330a4ea986beb520bb11035876efb9d7f1c | C=NL, O=Digidentity B.V., CN=Digidentity L3 Root CA - G2 |
| 76e27ec14fdb82c1c0a675b505be3d29b4eddbbb | C=NL, O=Staat der Nederlanden, CN=Staat der Nederlanden EV Root CA |
| 59af82799186c7b47507cbcf035746eb04ddb716 | C=NL, O=Staat der Nederlanden, CN=Staat der Nederlanden Root CA - G2 |
| d8eb6b41519259e0f3e78500c03db68897c9eefc | C=NL, O=Staat der Nederlanden, CN=Staat der Nederlanden Root CA - G3 |
| 490a7574de870a47fe58eef6c76bebc60b124099 | C=NO, O=Buypass AS-983163327, CN=Buypass Class 2 Root CA |
| dafaf7fa6684ec068f1450bdc7c281a5bca96457 | C=NO, O=Buypass AS-983163327, CN=Buypass Class 3 Root CA |
| 58d1df9595676b63c0f05b1c174d8b840bc878bd | C=PA, ST=Panama, L=Panama City, O=TrustCor Systems S. de R.L., OU=TrustCor Certificate Authority, CN=TrustCor ECA-1 |
| ffbdcde782c8435e3c6f26865ccaa83a455bc30a | C=PA, ST=Panama, L=Panama City, O=TrustCor Systems S. de R.L., OU=TrustCor Certificate Authority, CN=TrustCor RootCert CA-1 |
| b8be6dcb56f155b963d412ca4e0634c794b21cc0 | C=PA, ST=Panama, L=Panama City, O=TrustCor Systems S. de R.L., OU=TrustCor Certificate Authority, CN=TrustCor RootCert CA-2 |
| d3eefbcbbcf49867838626e23bb59ca01e305db7 | C=PL, O=Krajowa Izba Rozliczeniowa S.A., CN=SZAFIR ROOT CA |
| b2bd9031aa6d0e14f4c57fd548258f37b1fb39e4 | C=PL, O=Telekomunikacja Polska S.A., OU=Signet Certification Authority, CN=Signet Root CA |
| 6252dc40f71143a22fde9ef7348e064251b18118 | C=PL, O=Unizeto Sp. z o.o., CN=Certum CA |
| 07e032e020b72c3f192f0628a2593a19a70f069e | C=PL, O=Unizeto Technologies S.A., OU=Certum Certification Authority, CN=Certum Trusted Network CA |
| d3dd483e2bbf4c05e8af10f5fa7626cfd3dc3092 | C=PL, O=Unizeto Technologies S.A., OU=Certum Certification Authority, CN=Certum Trusted Network CA 2 |
| 46af7a31b599460d469d6041145b13651df9170a | C=PT, O=MULTICERT - ServiÃ§os de CertificaÃ§Ã£o ElectrÃ³nica S.A., CN=MULTICERT Root Certification Authority 01 |
| 3913853e45c439a2da718cdfb6f3e033e04fee71 | C=PT, O=SCEE, CN=ECRaizEstado |
| fab7ee36972662fb2db02af6bf03fde87c4b2f9b | C=RO, O=certSIGN, OU=certSIGN ROOT CA |
| 8351509b7df8cfe87bae62aeb9b03a52f4e62c79 | C=SA, O=National Center for Digital Certification, OU=Saudi National Root CA |
| 02faf3e291435468607857694df5e45b68851868 | C=SE, O=AddTrust AB, OU=AddTrust External TTP Network, CN=AddTrust External CA Root |
| ccab0ea04c2301d6697bdd379fcd12eb24e3949d | C=SE, O=AddTrust AB, OU=AddTrust TTP Network, CN=AddTrust Class 1 CA Root |
| 585f7875bee7433eb079eaab7d05bb0f7af2bccc | C=SE, O=Inera AB, CN=SITHS Root CA v1 |
| 32f442093b36d7031b75ca4daddcb327faa02b9c | C=SE, O=Swedish Social Insurance Agency, CN=Swedish Government Root Authority v2 |
| 0456f23d1e9c43aecb0d807f1c0647551a05f456 | C=SI, O=ACNLB |
| 0409565b77da582e6495ac0060a72354e64b0192 | C=SI, O=Halcom, CN=Halcom CA FO |
| 7fbb6acd7e0ab438daaf6fd50210d007c6c0829c | C=SI, O=Halcom, CN=Halcom CA PO 2 |
| 535b001672abbf7b6cc25405ae4d24fe033fd1cc | C=SI, O=Halcom, CN=Halcom Root CA |
| b1eac3e5b82476e9d50b1ec67d2cc11e12e0b491 | C=SI, O=POSTA, OU=POSTArCA |
| 3e42a18706bd0c9ccf594750d2e4d6ab0048fdc4 | C=si, O=state-institutions, OU=sigen-ca |
| 7fb9e2c995c97a939f9e81a07aea9b4d70463496 | C=si, O=state-institutions, OU=sigov-ca |
| 8e1c74f8a620b9e58af461faec2b4756511a52c6 | C=SK, L=Bratislava, O=Disig a.s., CN=CA Disig Root R1 |
| b561ebeaa4dee4254b691a98a55747c234c7d971 | C=SK, L=Bratislava, O=Disig a.s., CN=CA Disig Root R2 |
| 66f2dcfb3f814ddee9b3206f11defe1bfbdfe132 | C=TH, O=Electronic Transactions Development Agency (Public Organization), OU=Thailand National Root Certification Authority, CN=Thailand National Root Certification Authority - G1 |
| 9638633c9056ae8814a065d23bdc60a0ee702fa7 | C=TN, CN=Tunisian Root Certificate Authority - TunRootCA2, O=National Digital Certification Agency |
| 51c6e70849066ef392d45ca00d6da3628fc35239 | C=TR, L=Ankara, O=E-TuÄŸra EBG BiliÅŸim Teknolojileri ve Hizmetleri A.Å., OU=E-Tugra Sertifikasyon Merkezi, CN=E-Tugra Certification Authority |
| c418f64d46d1df003d2730137243a91211c675fb | C=TR, L=Ankara, O=TÃœRKTRUST Bilgi Ä°letiÅŸim ve BiliÅŸim GÃ¼venliÄŸi Hizmetleri A.Å., CN=TÃœRKTRUST Elektronik Sertifika Hizmet SaÄŸlayÄ±cÄ±sÄ± H5 |
| 8a5c8ceea503e60556bad81bd4f6c9b0ede52fe0 | C=TR, L=Ankara, O=TÃœRKTRUST Bilgi Ä°letiÅŸim ve BiliÅŸim GÃ¼venliÄŸi Hizmetleri A.Å., CN=TÃœRKTRUST Elektronik Sertifika Hizmet SaÄŸlayÄ±cÄ±sÄ± H6 |
| 67650df17e8e7e5b8240a4f4564bcfe23d69c6f0 | C=TW, O=Chunghwa Telecom Co., Ltd., OU=ePKI Root Certification Authority |
| b091aa913847f313d727bcefc8179f086f3a8c0f | C=TW, O=Government Root Certification Authority |
| f48b11bfdeabbe94542071e641de6bbe882b40b9 | C=TW, O=Government Root Certification Authority |
| 9cbb4853f6a4f6d352a4e83252556013f5adaf65 | C=TW, O=TAIWAN-CA, OU=Root CA, CN=TWCA Global Root CA |
| df646dcb7b0fd3a96aee88c64e2d676711ff9d5f | C=TW, O=TAIWAN-CA, OU=Root CA, CN=TWCA Root Certification Authority |
| cf9e876dd3ebfc422697a3b5a37aa076a9062348 | C=TW, O=TAIWAN-CA, OU=Root CA, CN=TWCA Root Certification Authority |
| f9b5b632455f9cbeec575f80dce96e2cc7b278b7 | C=US, O=AffirmTrust, CN=AffirmTrust Commercial |
| 293621028b20ed02f566c532d1d6ed909f45002f | C=US, O=AffirmTrust, CN=AffirmTrust Networking |
| d8a6332ce0036fb185f6634f7d6a066526322827 | C=US, O=AffirmTrust, CN=AffirmTrust Premium |
| b8236b002f1d16865301556c11a437caebffc3bb | C=US, O=AffirmTrust, CN=AffirmTrust Premium ECC |
| 580f804792abc63bbb80154d4dfddd8b2ef2674e | C=US, O=Apple Computer, Inc., OU=Apple Computer Certificate Authority, CN=Apple Root Certificate Authority |
| 611e5b662c593a08ff58d14ae22452d198df6c60 | C=US, O=Apple Inc., OU=Apple Certification Authority, CN=Apple Root CA |
| 2c8affce966430ba04c04f81dd4b49c71b5b81a0 | C=US, O=Cisco Systems, CN=Cisco RXC-R2 |
| 0563b8630d62d75abbc8ab1e4bdfb5a899b24d43 | C=US, O=DigiCert Inc, OU=www.digicert.com, CN=DigiCert Assured ID Root CA |
| a14b48d943ee0a0e40904f3ce0a4c09193515d3f | C=US, O=DigiCert Inc, OU=www.digicert.com, CN=DigiCert Assured ID Root G2 |
| f517a24f9a48c6c9f8a200269fdc0f482cab3089 | C=US, O=DigiCert Inc, OU=www.digicert.com, CN=DigiCert Assured ID Root G3 |
| a8985d3a65e5e5c4b2d7d66d40c6dd2fb19c5436 | C=US, O=DigiCert Inc, OU=www.digicert.com, CN=DigiCert Global Root CA |
| df3c24f9bfd666761b268073fe06d1cc8d4f82a4 | C=US, O=DigiCert Inc, OU=www.digicert.com, CN=DigiCert Global Root G2 |
| 7e04de896a3e666d00e687d33ffad93be83d349e | C=US, O=DigiCert Inc, OU=www.digicert.com, CN=DigiCert Global Root G3 |
| 5fb7ee0633e259dbad0c4c9ae6d38f1a61c7dc25 | C=US, O=DigiCert Inc, OU=www.digicert.com, CN=DigiCert High Assurance EV Root CA |
| ddfb16cd4931c973a2037d3fc83a4d7d775d05e4 | C=US, O=DigiCert Inc, OU=www.digicert.com, CN=DigiCert Trusted Root G4 |
| 8cf427fd790c3ad166068de81e57efbb932272d4 | C=US, O=Entrust, Inc., OU=See www.entrust.net, legal-terms, OU=(c) 2009 Entrust, Inc. - for authorized use only, CN=Entrust Root Certification Authority - G2 |
| 20d80640df9b25f512253a11eaf7598aeb14b547 | C=US, O=Entrust, Inc., OU=See www.entrust.net, legal-terms, OU=(c) 2012 Entrust, Inc. - for authorized use only, CN=Entrust Root Certification Authority - EC1 |
| b31eb1b740e36c8402dadc37d44df5d4674952f9 | C=US, O=Entrust, Inc., OU=www.entrust.net, CPS is incorporated by reference, OU=(c) 2006 Entrust, Inc., CN=Entrust Root Certification Authority |
| 7e784a101c8265cc2de1f16d47b440cad90a1945 | C=US, O=Equifax Secure Inc., CN=Equifax Secure Global eBusiness CA-1 |
| d23209ad23d314232174e40d7f9d62139786633a | C=US, O=Equifax, OU=Equifax Secure Certificate Authority |
| de28f4a4ffe5b92fa3c503d1a349a7f9962a8212 | C=US, O=GeoTrust Inc., CN=GeoTrust Global CA |
| a9e9780814375888f20519b06d2b0d2b6016907d | C=US, O=GeoTrust Inc., CN=GeoTrust Global CA 2 |
| 323c118e1bf7b8b65254e2e2100dd6029037f096 | C=US, O=GeoTrust Inc., CN=GeoTrust Primary Certification Authority |
| e621f3354379059a4b68309d8a2f74221587ec79 | C=US, O=GeoTrust Inc., CN=GeoTrust Universal CA |
| 379a197b418545350ca60369f33c2eaf474f2079 | C=US, O=GeoTrust Inc., CN=GeoTrust Universal CA 2 |
| 8d1784d537f3037dec70fe578b519a99e610d7b0 | C=US, O=GeoTrust Inc., OU=(c) 2007 GeoTrust Inc. - For authorized use only, CN=GeoTrust Primary Certification Authority - G2 |
| 039eedb80be7a03c6953893b20d2d9323a4c2afd | C=US, O=GeoTrust Inc., OU=(c) 2008 GeoTrust Inc. - For authorized use only, CN=GeoTrust Primary Certification Authority - G3 |
| 97817950d81c9670cc34d809cf794431367ef474 | C=US, O=GTE Corporation, OU=GTE CyberTrust Solutions, Inc., CN=GTE CyberTrust Global Root |
| df717eaa4ad94ec9558499602d48de5fbcf03a25 | C=US, O=IdenTrust, CN=IdenTrust Commercial Root CA 1 |
| ba29416077983ff4f3eff231053b2eea6d4d45fd | C=US, O=IdenTrust, CN=IdenTrust Public Sector Root CA 1 |
| 71899a67bf33af31befdc071f8f733b183856332 | C=US, O=Network Solutions L.L.C., CN=Network Solutions Certificate Authority |
| 74f8a3c3efe7b390064b83903c21646020e5dfce | C=US, O=Network Solutions L.L.C., CN=Network Solutions Certificate Authority |
| 3a44735ae581901f248661461e3b9cc45ff53a1b | C=US, O=SecureTrust Corporation, CN=Secure Global CA |
| 8782c6c304353bcfd29692d2593e7d44d934ff11 | C=US, O=SecureTrust Corporation, CN=SecureTrust CA |
| ad7e1c28b064ef8f6003402014c3d0e3370eb58a | C=US, O=Starfield Technologies, Inc., OU=Starfield Class 2 Certification Authority |
| 84f2e3dd83133ea91d19527f02d729bfc15fe667 | C=US, O=Symantec Corporation, OU=Symantec Trust Network, CN=Symantec Class 1 Public Primary Certification Authority - G4 |
| 517f611e29916b5382fb72e744d98dc3cc536d64 | C=US, O=Symantec Corporation, OU=Symantec Trust Network, CN=Symantec Class 1 Public Primary Certification Authority - G6 |
| 6724902e4801b02296401046b4b1672ca975fd2b | C=US, O=Symantec Corporation, OU=Symantec Trust Network, CN=Symantec Class 2 Public Primary Certification Authority - G4 |
| 40b331a0e9bfe855bc3993ca704f4ec251d41d8f | C=US, O=Symantec Corporation, OU=Symantec Trust Network, CN=Symantec Class 2 Public Primary Certification Authority - G6 |
| 58d52db93301a4fd291a8c9645a08fee7f529282 | C=US, O=Symantec Corporation, OU=Symantec Trust Network, CN=Symantec Class 3 Public Primary Certification Authority - G4 |
| 26a16c235a2472229b23628025bc8097c88524a1 | C=US, O=Symantec Corporation, OU=Symantec Trust Network, CN=Symantec Class 3 Public Primary Certification Authority - G6 |
| aadbbc22238fc401a127bb38ddf41ddb089ef012 | C=US, O=thawte, Inc., OU=(c) 2007 thawte, Inc. - For authorized use only, CN=thawte Primary Root CA - G2 |
| 91c6d6ee3e8ac86384e548c299295c756c817b81 | C=US, O=thawte, Inc., OU=Certification Services Division, OU=(c) 2006 thawte, Inc. - For authorized use only, CN=thawte Primary Root CA |
| f18b538d1be903b6a6f056435b171589caf36bf2 | C=US, O=thawte, Inc., OU=Certification Services Division, OU=(c) 2008 thawte, Inc. - For authorized use only, CN=thawte Primary Root CA - G3 |
| 2796bae63f1801e277261ba0d77770028f20eee4 | C=US, O=The Go Daddy Group, Inc., OU=Go Daddy Class 2 Certification Authority |
| cb44a097857c45fa187ed952086cb9841f2d51b5 | C=us, O=U.S. Government, OU=FBCA, CN=Common Policy |
| 905f942fd9f28f679b378180fd4f846347f645c1 | C=US, O=U.S. Government, OU=FPKI, CN=Federal Common Policy CA |
| 85371ca6e550143dce2803471bde3a09e8f8770f | C=US, O=VeriSign, Inc., OU=Class 3 Public Primary Certification Authority - G2, OU=(c) 1998 VeriSign, Inc. - For authorized use only, OU=VeriSign Trust Network |
| 204285dcf7eb764195578e136bd4b7d1e98e46a5 | C=US, O=VeriSign, Inc., OU=VeriSign Trust Network, OU=(c) 1999 VeriSign, Inc. - For authorized use only, CN=VeriSign Class 1 Public Primary Certification Authority - G3 |
| 61ef43d77fcad46151bc98e0c35912af9feb6311 | C=US, O=VeriSign, Inc., OU=VeriSign Trust Network, OU=(c) 1999 VeriSign, Inc. - For authorized use only, CN=VeriSign Class 2 Public Primary Certification Authority - G3 |
| 132d0d45534b6997cdb2d5c339e25576609b5cc6 | C=US, O=VeriSign, Inc., OU=VeriSign Trust Network, OU=(c) 1999 VeriSign, Inc. - For authorized use only, CN=VeriSign Class 3 Public Primary Certification Authority - G3 |
| 4eb6d578499b1ccf5f581ead56be3d9b6744a5e5 | C=US, O=VeriSign, Inc., OU=VeriSign Trust Network, OU=(c) 2006 VeriSign, Inc. - For authorized use only, CN=VeriSign Class 3 Public Primary Certification Authority - G5 |
| 22d5d8df8f0231d18df79db7cf8a2d64c93f6c3a | C=US, O=VeriSign, Inc., OU=VeriSign Trust Network, OU=(c) 2007 VeriSign, Inc. - For authorized use only, CN=VeriSign Class 3 Public Primary Certification Authority - G4 |
| 3679ca35668772304d30a5fb873b0fa77bb70d54 | C=US, O=VeriSign, Inc., OU=VeriSign Trust Network, OU=(c) 2008 VeriSign, Inc. - For authorized use only, CN=VeriSign Universal Root Certification Authority |
| 912198eef23dcac40939312fee97dd560bae49b1 | C=US, O=Verizon Business, OU=OmniRoot, CN=Verizon Global Root CA |
| 70179b868c00a4fa609152223f9f3e32bde00562 | C=US, O=VISA, OU=Visa International Service Association, CN=Visa eCommerce Root |
| 5a4d0e8b5fdcfdf64e7299a36c060db222ca78e4 | C=US, O=VISA, OU=Visa International Service Association, CN=Visa Information Delivery Root CA |
| b80186d1eb9c86a54104cf3054f34c52b7e558c6 | C=US, OU=www.xrampsecurity.com, O=XRamp Security Services Inc, CN=XRamp Global Certification Authority |
| 47beabc922eae80e78783462a79f45c254fde68b | C=US, ST=Arizona, L=Scottsdale, O=GoDaddy.com, Inc., CN=Go Daddy Root Certificate Authority - G2 |
| b51c067cee2b0c3df855ab2d92f4fe39d4e70f0e | C=US, ST=Arizona, L=Scottsdale, O=Starfield Technologies, Inc., CN=Starfield Root Certificate Authority - G2 |
| 925a8f8d2c6d04e0665f596aff22d863e8256f3f | C=US, ST=Arizona, L=Scottsdale, O=Starfield Technologies, Inc., CN=Starfield Services Root Certificate Authority - G2 |
| 5d003860f002ed829deaa41868f788186d62127f | C=US, ST=Arizona, L=Scottsdale, O=Starfield Technologies, Inc., OU=http:, , certificates.starfieldtech.com, repository, , CN=Starfield Services Root Certificate Authority |
| 4b6bd2d3884e46c80ce2b962bc598cd9d5d84013 | C=US, ST=MN, L=Minneapolis, O=Open Access Technology International Inc, CN=OATI WebCARES Root CA |
| d1cbca5db2d52a7f693b674de5f05a1d0c957df0 | C=US, ST=New Jersey, L=Jersey City, O=The USERTRUST Network, CN=USERTrust ECC Certification Authority |
| 2b8f1b57330dbba2d07a6c51f70ee90ddab9ad8e | C=US, ST=New Jersey, L=Jersey City, O=The USERTRUST Network, CN=USERTrust RSA Certification Authority |
| 58119f0e128287ea50fdd987456f4f78dcfad6d4 | C=US, ST=UT, L=Salt Lake City, O=The USERTRUST Network, OU=http:, , www.usertrust.com, CN=UTN - DATACorp SGC |
| b172b1a56d95f91fe50287e14d37ea6a4463768a | C=US, ST=UT, L=Salt Lake City, O=The USERTRUST Network, OU=http:, , www.usertrust.com, CN=UTN-USERFirst-Client Authentication and Email |
| 0483ed3399ac3608058722edbc5e4600e3bef9d7 | C=US, ST=UT, L=Salt Lake City, O=The USERTRUST Network, OU=http:, , www.usertrust.com, CN=UTN-USERFirst-Hardware |
| e12dfb4b41d7d9c32b30514bac1d81d8385e2d46 | C=US, ST=UT, L=Salt Lake City, O=The USERTRUST Network, OU=http:, , www.usertrust.com, CN=UTN-USERFirst-Object |
| f9dd19266b2043f1fe4b3dcb0190aff11f31a69d | C=UY, O=ADMINISTRACION NACIONAL DE CORREOS, OU=SERVICIOS ELECTRONICOS, CN=Correo Uruguayo - Root CA |
| 627f8d7827656399d27d7f9044c9feb3f33efa9a | C=ZA, ST=Western Cape, L=Cape Town, O=Thawte Consulting cc, OU=Certification Services Division, CN=Thawte Premium Server CA, emailAddress=premium-server@thawte.com |
| 23e594945195f2414803b4d564d2a3a3f5d88b8c | C=ZA, ST=Western Cape, L=Cape Town, O=Thawte Consulting cc, OU=Certification Services Division, CN=Thawte Server CA, emailAddress=server-certs@thawte.com |
| 38dd7659c735100b00a237e491b7bc0ffcd2316c | C=ZA, ST=Western Cape, L=Somerset West, O=South African Post Office Limited, OU=SAPO Trust Centre, CN=SAPO Class 3 Root CA, emailAddress=pkiadmin@trustcentre.co.za |
| 6ad23b9dc48e375f859ad9cab585325c23894071 | CN=AC1 RAIZ MTIN, serialNumber=S2819001E, OU=PRESTADOR DE SERVICIOS DE CERTIFICACION MTIN, OU=SUBDIRECCION GENERAL DE PROCESO DE DATOS, O=MINISTERIO DE TRABAJO E INMIGRACION, L=MADRID, C=ES |
| 93057a8815c64fce882ffa9116522878bc536417 | CN=ACCVRAIZ1, OU=PKIACCV, O=ACCV, C=ES |
| e0b4322eb2f6a568b654538448184a5036874384 | CN=ACEDICOM Root, OU=PKI, O=EDICOM, C=ES |
| 14698989bfb2950921a42452646d37b50af017e2 | CN=Apple Root CA - G2, OU=Apple Certification Authority, O=Apple Inc., C=US |
| b52cb02fd567e0359fe8fa4d4c41037970fe01b0 | CN=Apple Root CA - G3, OU=Apple Certification Authority, O=Apple Inc., C=US |
| 2bb1f53e550c1dc5f1d4e6b76a464b550602ac21 | CN=Atos TrustedRoot 2011, O=Atos, C=DE |
| 7a1cdde3d2197e7137433d3f99c0b369f706c749 | CN=Autoridad Certificadora RaÃ­z Nacional de Uruguay, O=AGESIC, C=UY |
| 398ebe9c0f46c079c3c7afe07a2fdd9fae5f8a5c | CN=Autoridad de Certificacion Raiz del Estado Venezolano, C=VE, L=Caracas, ST=Distrito Capital, O=Sistema Nacional de Certificacion Electronica, OU=Superintendencia de Servicios de Certificacion Electronica, emailAddress=acraiz@suscerte.gob.ve |
| 121f9fac629ff133887c1b45640c1a034f03f28f | CN=Autoridad de Certificacion Raiz del Estado Venezolano, C=VE, L=Caracas, ST=Distrito Capital, O=Sistema Nacional de Certificacion Electronica, OU=Superintendencia de Servicios de Certificacion Electronica, emailAddress=acraiz@suscerte.gob.ve |
| dd83c519d43481fad4c22c03d702fe9f3b22f517 | CN=Autoridad de Certificacion Raiz del Estado Venezolano, C=VE, L=Caracas, ST=Distrito Capital, O=Sistema Nacional de Certificacion Electronica, OU=Superintendencia de Servicios de Certificacion Electronica, emailAddress=acraiz@suscerte.gob.ve |
| 80bf3de9a41d768d194b293c85632cdbc8ea8cf7 | CN=ComSign Advanced Security CA |
| e1a45b141a21da1a79f41a42a961d669cd0634c1 | CN=ComSign CA, O=ComSign, C=IL |
| ae3b31bf8fd891079cf1df34cbce6e70d37fb5b0 | CN=ComSign Global Root CA, O=ComSign Ltd., C=IL |
| f9cd0e2cda7624c18fbdf0f0abb645b8f7fed57a | CN=ComSign Secured CA, O=ComSign, C=IL |
| 3b166c3b7dc4b751c9fe2afab9135641e388e186 | CN=Developer ID Certification Authority, OU=Apple Certification Authority, O=Apple Inc., C=US |
| d6bf7994f42be5fa29da0bd7587b591f47a44f22 | DC=rs, DC=posta, DC=ca, CN=Configuration, CN=Services, CN=Public Key Services, CN=AIA, CN=Posta CA Root |
| 34d499426f9fc2bb27b075bab682aae5effcba74 | L=Alvaro Obregon, ST=Distrito Federal, C=MX, postalCode=01030, street=Insurgentes Sur 1940, CN=Autoridad Certificadora Raiz de la Secretaria de Economia, OU=Direccion General de Normatividad Mercantil, O=Secretaria de Economia, emailAddress=acrse@economia.gob.mx |
| de990ced99e0431f60edc3937e7cd5bf0ed9e5fa | O=Cisco Systems, CN=Cisco Root CA 2048 |
| 52ec7dbb5c6511ddc1c546dbbc2949b5abe9d0ee | O=Cisco, CN=Cisco ECC Root CA |
| 5ca95fb6e2980ec15afb681bbb7e62b5ad3fa8b8 | O=Cisco, CN=Cisco Licensing Root CA |
| 933d633a4e840da4c28e895d900fd3118886f7a3 | O=Cisco, CN=Cisco Root CA M2 |
| 5f43e5b1bff8788cac1cc7ca4a9ac6222bcc34c6 | O=Cybertrust, Inc, CN=Cybertrust Global Root |
| dac9024f54d8f6df94935fb1732638ca6ad77c13 | O=Digital Signature Trust Co., CN=DST Root CA X3 |
| f74dacb21414dcbaab0b947c8a257c325ca88550 | O=Digital Signature Trust Co., CN=DST Root CA X4 |
| 801d62d07b449d5c5c035c98ea61fa443c2a58fe | O=Entrust.net, OU=www.entrust.net, CPS\_2048 incorp. by ref. (limits liab.), OU=(c) 1999 Entrust.net Limited, CN=Entrust.net Certification Authority (2048) |
| 503006091d97d4f5ae39f7cbe7927d7d652d3431 | O=Entrust.net, OU=www.entrust.net, CPS\_2048 incorp. by ref. (limits liab.), OU=(c) 1999 Entrust.net Limited, CN=Entrust.net Certification Authority (2048) |
| 4313bb96f1d5869bc14e6a92f6cff63469878237 | O=TeliaSonera, CN=TeliaSonera Root CA v1 |
| 6969562e4080f424a1e7199f14baf3ee58ab6abb | OU=GlobalSign ECC Root CA - R4, O=GlobalSign, CN=GlobalSign |
| 1f24c630cda418ef2069ffad4fdd5f463a1b69aa | OU=GlobalSign ECC Root CA - R5, O=GlobalSign, CN=GlobalSign |
| 75e0abb6138512271c04f85fddde38e4b7242efe | OU=GlobalSign Root CA - R2, O=GlobalSign, CN=GlobalSign |
| d69b561148f01c77c54578c10926df5b856976ad | OU=GlobalSign Root CA - R3, O=GlobalSign, CN=GlobalSign |
| 8094640eb5a7a1ca119c1fddd59f810263a7fbd1 | OU=GlobalSign Root CA - R6, O=GlobalSign, CN=GlobalSign |
| 0ff9407618d3d76a4b98f0a8359e0cfd27accced | C=CH, O=WISeKey, OU=OISTE Foundation Endorsed, CN=OISTE WISeKey Global Root GB CA |
| e252fa953feddb2460bd6e28f39ccccf5eb33fde | C=PL, O=Krajowa Izba Rozliczeniowa S.A., CN=SZAFIR ROOT CA2 |
| 010c0695a6981914ffbf5fc6b0b695ea29e912a6 | C=GR, L=Athens, O=Hellenic Academic and Research Institutions Cert. Authority, CN=Hellenic Academic and Research Institutions RootCA 2015 |
| 9ff1718d92d59af37d7497b4bc6f84680bbab666 | C=GR, L=Athens, O=Hellenic Academic and Research Institutions Cert. Authority, CN=Hellenic Academic and Research Institutions ECC RootCA 2015 |
| cabd2a79a1076a31f21d253635cb039d4329a5e8 | C=US, O=Internet Security Research Group, CN=ISRG Root X1 |
| 8da7f965ec5efc37910f1c6e59fdc1cc6a6ede16 | C=US, O=Amazon, CN=Amazon Root CA 1 |
| 5a8cef45d7a69859767a8c8b4496b578cf474b1a | C=US, O=Amazon, CN=Amazon Root CA 2 |
| 0d44dd8c3c8c1a1a58756481e90f2e2affb3d26e | C=US, O=Amazon, CN=Amazon Root CA 3 |
| f6108407d6f8bb67980cc2e244c2ebae1cef63be | C=US, O=Amazon, CN=Amazon Root CA 4 |
| 1e0e56190ad18b2598b20444ff668a0417995f3f | C=LU, O=LuxTrust S.A., CN=LuxTrust Global Root 2 |
| 3143649becce27eced3a3f0b8f0de4e891ddeeca | C=TR, L=Gebze – Kocaeli, O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu – TUBITAK, OU=Kamu Sertifikasyon Merkezi - Kamu SM, CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1 |
| b7ab3308d1ea4477ba1480125a6fbda936490cbb | C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority RSA |
| c3197c3924e654af1bc4ab20957ae2c30e13026a | C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com Root Certification Authority ECC |
| 743af0529bd032a0f44a83cdd4baa97b7c2ec49a | C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority RSA R2 |
| 4cdd51a3d1f5203214b0c6c532230391c746426d | C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority ECC |
| 51501fbfce69189d609cfaf140c576755dcc1fdf | C=US, O=WFA Hotspot 2.0, CN=Hotspot 2.0 Trust Root CA - 03 |
| 559bba7b0ffe80d6d3829b1fd07aa4d322194790 | CN=CAEDICOM Root, O=EDICOM, C=ES |
| 2d0d5214ff9ead9924017420476e6c852727f543 | C=FR, O=Dhimyotis, OU=0002 48146308100036, CN=Certigna Root CA |
| 746f88f9ac163c53009eef920c4067756a15717e | C=SE, O=Swedish Social Insurance Agency, CN=Swedish Government Root Authority v3 |
| 892a1bd4c8b0f8aa9a65ed4cb9d3bf4840b34bc1 | C=GR, O=ATHENS STOCK EXCHANGE, CN=ATHEX Root CA G2 |
| 2a1d6027d94ab10a1c4d915ccd33a0cb3e2d54cb | C=US, O=Google Trust Services LLC, CN=GTS Root R4 |
| d273962a2a5e399f733fe1c71e643f033834fc4d | C=US, O=Google Trust Services LLC, CN=GTS Root R2 |
| 0ab5c3cd7448b86d711e77a549838b87ce525f7f | C=SG, O=Netrust Pte Ltd, OU=Netrust Certificate Authority, CN=Netrust Root CA 2 |
| 21dace4c2c34e66468ee06314db055a0a89d4c1d | C=JP, O=LGPKI, CN=Application CA G4 Root |
| 3a4979b40fa841488200b582fbeeb63aab9919ae | C=SI, O=Republika Slovenija, 2.5.4.97=VATSI-17659957, CN=SI-TRUST Root |
| 80f95b741c38399495c34f20c23e7336314d3c6b | C=US, ST=FL, L=Jacksonville, O=Network Solutions L.L.C., CN=Network Solutions ECC Certificate Authority |
| 1139a49e8484aaf2d90d985ec4741a65dd5d94e2 | C=ES, ST=MADRID, L=MADRID, OU=see current address at www.camerfirma.com, address, OU=GLOBAL CHAMBERSIGN ROOT – 2016, serialNumber=A82743287, 2.5.4.97=VATES-A82743287, O=AC CAMERFIRMA S.A., CN=GLOBAL CHAMBERSIGN ROOT - 2016 |
| c303c8227492e561a29c5f79912b1e441391303a | C=JP, O=SECOM Trust Systems CO.,LTD., CN=Security Communication RootCA3 |
| a3a1b06f2461234ae336a5c237fca6ffddf0d73a | C=CN, O=UniTrust, CN=UCA Extended Validation Root |
| d496592b305707386cc5f3cdb259ae66d7661fca | C=ES, serialNumber=Q2863006I, O=CONSEJO GENERAL DE LA ABOGACIA, CN=ACA ROOT |
| 81ac5de150d1b8de5d3e0e266a136b737862d322 | C=TW, O=Chunghwa Telecom Co., Ltd., CN=ePKI EV SSL Certification Authority - G1 |
| d99b104298594763f0b9a927b79269cb47dd158b | C=TW, O=Chunghwa Telecom Co., Ltd., CN=ePKI Root Certification Authority - G2 |
| 9b0959898154081bf6a90e9b9e58a4690c9ba104 | C=CZ, O=Prvn\xC3\xAD certifika\xC4\x8Dn\xC3\xAD autorita, a.s., CN=I.CA Root CA, RSA, serialNumber=NTRCZ-26439395 |
| 1cb7ede176bcdfef0c866f46fbf980e901e5ce35 | C=US, ST=Texas, L=Houston, O=SSL Corporation, CN=SSL.com EV Root Certification Authority RSA |
| 28f97816197aff182518aa44fec1a0ce5cb64c8a | C=CN, O=UniTrust, CN=UCA Global G2 Root |
| b80e26a9bfd2b23bc0ef46c9bac7bbf61d0d4141 | C=JP, O=SECOM Trust Systems CO.,LTD., CN=Security Communication ECC RootCA1 |
| 2de16a5677baca39e1d68c30dcb14abe22a6179b | C=ES, ST=MADRID, L=MADRID, OU=see current address at www.camerfirma.com, address, OU=CHAMBERS OF COMMERCE ROOT – 2016, serialNumber=A82743287, 2.5.4.97=VATES-A82743287, O=AC CAMERFIRMA S.A., CN=CHAMBERS OF COMMERCE ROOT - 2016 |
| 8e928c0fc27bb7aba34e6bc0ca1250cb57b60f84 | C=US, ST=FL, L=Jacksonville, O=Network Solutions L.L.C., CN=Network Solutions RSA Certificate Authority |
| a9cafe9dfd67f4145ad397d0e2f3050d198de6ee | C=AU, O=GOV, OU=DoD, OU=PKI, OU=Cas, CN=Australian Defence Public Root CA |
| cceae32445cd4218dd188eadceb3133c7fb340ad | C=CH, O=Swiss Government PKI, OU=www.pki.admin.ch, CN=Swiss Government Root CA III |
| 313b8d0e7e2e4d20ae8668ffe59db5193cbf7a32 | C=MY, O=Digicert Sdn. Bhd., CN=PosDigicert Class 2 Root CA G2 |
| e1c950e6ef22f84c5645728b922060d7d5a7a3e8 | C=US, O=Google Trust Services LLC, CN=GTS Root R1 |
| 30d4246f07ffdb91898a0be9496611eb8c5e46e5 | C=US, O=Google Trust Services LLC, CN=GTS Root R3 |
| 23d731fedc5c8bb97de6dc8e13b411bd4f24004f | C=SI, O=Halcom d.d., 2.5.4.97=VATSI-43353126, CN=Halcom Root Certificate Authority |
| e011845e34debe8881b99cf61626d1961fc3b931 | C=CH, O=WISeKey, OU=OISTE Foundation Endorsed, CN=OISTE WISeKey Global Root GC CA |
| 26f993b4ed3d2827b0b94ba7e9151da38d92e532 | C=RO, O=CERTSIGN SA, OU=certSIGN ROOT CA G2 |
| 465b26bebe7106dd8544c1139d9fa25700c1d7bd | C=AT, ST=Wien, L=Wien, O=e-commerce monitoring GmbH, OU=GLOBALTRUST Certification Service, CN=GLOBALTRUST 2015 |
| ac1ede2e1c970fed3ee85f8c3acfe2bac04a1376 | O=Cisco, CN=Cisco Root CA 2099 |
| 45ad6bb499011bb4e84e84316a81c27d89ee5ce7 | O=Cisco, CN=Cisco Root CA M1 |
| ec503507b215c4956219e2a89a5b42992c4c2c20 | C=ES, O=FNMT-RCM, OU=AC RAIZ FNMT-RCM |
| ac4a728b4dfc35601fa34b922422a42c253f756c | C=US, O=HydrantID (Avalanche Cloud Corporation), CN=HydrantID SSL ICA G2 |

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* Reorient or relocate the receiving antenna.
* Increase the separation between the equipment and receiver.
* Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
* Consult the dealer or an experienced radio/TV technician for help.

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