



Cisco ATA 191 Analog Telephone Adapter Release Notes for Firmware Release 12.0(2)

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Release Notes

These release notes support the Cisco 191 Analog Telephone Adapter (ATA) running Firmware Release 12.0(2).

The following table lists the support and protocol compatibility for the Cisco ATA 191.

Table 1: Cisco ATA 191, Support, and Firmware Release Compatibility

Cisco IP Phone	Protocol	Support Requirements
Cisco ATA 191	SIP	Cisco Unified Communications Manager 10.5(1) and later Cisco Unified Communications Manager DST Olsen version D or later

Related Documentation

Use the following sections to obtain related information.

Cisco Unified Communications Manager Express Documentation

See the Cisco Unified Communications Manager Express publications that are specific to your Cisco Unified Communications Manager Express release. Navigate from the following documentation URL:

<https://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-express/tsd-products-support-series-home.html>

Cisco ATA 190 Series Documentation

Refer to publications that are specific to your language and call control system. Navigate from the following documentation URL:

<https://www.cisco.com/c/en/us/products/unified-communications/ata-190-series-analog-telephone-adapters/index.html>

New and Changed Features

802.1X Support

You can enable 802.1X authentication on the ATA. When 802.1X authentication is enabled, the ATA uses it to request network access. When 802.1X authentication is disabled, the ATA uses CDP/LLDP to acquire VLAN and network access.

By default, 802.1X authentication is disabled. To enable it for the ATA, use one of the following methods in Cisco Unified Communications Manager:

- For all ATAs: Set the field **802.1x Authentication** from **System > Enterprise Phone Configuration**.
- For a group of ATAs: Set the field **802.1x Authentication** from **Device > Device Settings > Common Phone Profile**.
- For a single ATA: Set the field **802.1x Authentication** from **Device > Phone**.

Users can set up the feature through the IVR system (IVR number 802 and 803) to configure or check the feature status on the phone that is connected to the ATA.



Note Currently, the ATA doesn't support the IPv6 network access through 802.1X authentication.

Where to Find More Information

- *Cisco ATA 191 Analog Telephone Adapter User Guide for Cisco Unified Communications Manager*
- *Cisco ATA 191 Analog Telephone Adapter Administration Guide for Cisco Unified Communications Manager*

E911 Location Service Support

You can configure the E911 location service on the ATA to have an active location URI for emergency call. The location of the ATA can contain the street address, building number, floor number, room number, and other office location information. When you dial an emergency number, the emergency responder receives the phone location and a call-back number. If an emergency call disconnects, the emergency service uses the call-back number to reconnect to the caller.

Where to Find More Information

- *Cisco ATA 191 Analog Telephone Adapter User Guide for Cisco Unified Communications Manager*
- *Cisco ATA 191 Analog Telephone Adapter Administration Guide for Cisco Unified Communications Manager*

User Guide Accessibility

The *Cisco ATA 191 User Guide for Cisco Unified Communications Manager* is accessible for people with limited sight or who are blind. The HTML version of the document is now compatible with the Job Access With Speech (JAWS) reader, so visually impaired users can access information about their device.

Where to Find More Information

- *Cisco ATA 191 User Guide for Cisco Unified Communications Manager*

Installation

Installation Requirements

Before you install the firmware release, you must ensure that your Cisco Unified Communications Manager is running the latest device package. After you install a device package on the Cisco Unified Communications Manager servers in the cluster, you need to reboot all the servers.



Note If your Cisco Unified Communications Manager doesn't have the required device package to support this firmware release, the firmware may not work correctly.

For information on the device packages, see the Cisco Unified Communications Manager [Device Package Compatibility Matrix](#).

Install the Firmware Release on Cisco Unified Communications Manager

Before you use the Cisco Analog Telephone Adapter with Cisco Unified Communications Manager 10.5, or higher, you must install the latest firmware on all Cisco Unified Communications Manager servers in the cluster.

Besides Cisco Unified Communications Manager, the Cisco ATA 191 can also work with Cisco Unified Communications Manager Express and Cisco Unified Survivable Remote Site Telephony (SRST). Refer to the [Related Documentation, on page 1](#) section for more information.

Procedure

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- Step 1** Go to the following URL:
<https://software.cisco.com/download/navigator.html?mdfid=268437683&flowid=77852>
 - Step 2** Choose **ATA 190 Series Analog Telephone Adapters > ATA 191 Analog Telephone Adapter**.
 - Step 3** In the Latest Releases folder, choose **12.0.2**.
 - Step 4** Select **cmterm-ATA191.12-0-2-0001-011.k4.cop.sha512** firmware, click the Download or Add to cart button, and follow the prompts.
 - Step 5** Click the + next to the firmware file name in the Download Cart section to access additional information about this file. The hyperlink for the readme file is in the Additional Information section, which contains installation instructions for the corresponding firmware.
 - Step 6** Follow the instructions in the readme file to install the firmware.
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Install the Firmware Zip Files

Before you use the Cisco Analog Telephone Adapter with Cisco Unified Communications Manager 10.5, or higher, you must install the latest firmware on all Cisco Unified Communications Manager servers in the cluster.

Besides Cisco Unified Communications Manager, the Cisco ATA 191 can also work with Cisco Unified Communications Manager Express and Cisco Unified Survivable Remote Site Telephony (SRST). Refer to the [Related Documentation, on page 1](#) section for more information.

Procedure

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- Step 1** Go to the following URL:
<https://software.cisco.com/download/navigator.html?mdfid=268437683&flowid=77852>
- Step 2** Choose **ATA 190 Series Analog Telephone Adapters > ATA 191 Analog Telephone Adapter**.
- Step 3** In the Latest Releases folder, choose **12.0.2**.
- Step 4** Select **cmterm-ATA191.12-0-2-0001-011.zip** firmware, click the Download or Add to cart button, and follow the prompts.
- Step 5** Click the + next to the firmware file name in the Download Cart section to access additional information about this file. The hyperlink for the readme file is in the Additional Information section, which contains installation instructions for the corresponding firmware.
- Step 6** Follow the instructions in the readme file to install the firmware.
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Limitations and Restrictions

Manufacturing Installed Certificate Signature and SHA-256 Support

The manufacturing installed certificate(MIC) signature has been updated from SHA-128 with RSA to SHA-256 with RSA. You must update and install the new SHA-2 certificates on the Cisco Unified Communications Manager for secure mode to function. You can download the new certificate from <http://www.cisco.com/security/pki/certs/cmca2.cer>.

All applications that authenticate the phone MIC should update the MIC, including the following:

- Cisco Unified Communications Manager
- Cisco Unified Survivable Remote Site Telephony
- Cisco Secure Access Control System
- Cisco Identity Services Engine

For additional information about SHA-2 use and support, see *Security Guide for Cisco Unified Communications Manager* (<https://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-maintenance-guides-list.html>).

Phone Behavior During Times of Network Congestion

Anything that degrades network performance can affect phone audio and, in some cases, can cause a call to drop. Sources of network degradation can include, but are not limited to, the following activities:

- Administrative tasks, such as an internal port scan or security scan.
- Attacks that occur on your network, such as a Denial of Service attack.

Caveats

This section describes the resolved and open caveats, and provides information on accessing the Cisco Software Bug Toolkit.

View Caveats

You can search for caveats using the Cisco Bug Search.

Known caveats (bugs) are graded according to severity level, and can be either open or resolved.

Before you begin

To view caveats, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

Procedure

- Step 1** Perform one of the following actions:
- Use this URL for all caveats: [https://bst.cloudapps.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=286282490&rls=12.0\(2\)&sb=fr&bt=custV](https://bst.cloudapps.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=286282490&rls=12.0(2)&sb=fr&bt=custV)
 - Use this URL for open caveats: [https://bst.cloudapps.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=286282490&rls=12.0\(2\)&sb=fr&sts=open&bt=custV](https://bst.cloudapps.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=286282490&rls=12.0(2)&sb=fr&sts=open&bt=custV)
 - Use this URL for resolved caveats: [https://bst.cloudapps.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=286282490&rls=12.0\(2\)&sb=fr&sts=fd&bt=](https://bst.cloudapps.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=286282490&rls=12.0(2)&sb=fr&sts=fd&bt=)
- Step 2** When prompted, log in with your Cisco.com user ID and password.
- Step 3** (Optional) Enter the bug ID number in the Search for field, then press **Enter**.
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Open Caveats

There are no open caveats in this release.

Resolved Caveats

The following list shows the severity 1, 2, and 3 defects that are resolved for the Cisco ATA 191 Analog Telephone Adapter Release Firmware Release 12.0(2).

For more information about an individual defect, access the Bug Search toolkit and search for the defect using the Identifier. You must be a registered Cisco.com user to access this online information.

Because defect status continually changes, the table reflects a snapshot of the defects that were open at the time this report was compiled. For an updated view of open defects, access Bug Toolkit as described in [Access Cisco Bug Search, on page 6](#).

- CSCwf53915 Can't disable ECM in ATA191
- CSCwd97727 A Keep-Alive failure may trigger ATA191 to run into an unregistered status
- CSCwd03625 ATA191 CFA Destination Override feature not working

Access Cisco Bug Search

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of the following:

- All severity level 1 or 2 bugs
- Significant severity level 3 bugs

You can search for problems by using Cisco Bug Search.

Before you begin

To access Cisco Bug Search, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

Procedure

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- Step 1** To access Cisco Bug Search, go to:
<https://bst.cloudapps.cisco.com/bugsearch>
- Step 2** Log in with your Cisco.com user ID and password.
- Step 3** To look for information about a specific problem, enter the bug ID number in the Search for field, then press **Enter**.
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Cisco IP Phone Firmware Support Policy

For information on the support policy for phones, see the [Cisco IP Phone Firmware Support Policy](#).

