Release Notes for Cisco Unified Communications Manager and the IM and Presence Service Release 15SU1

First Published: 2024-03-28

About Release Notes

This release describes new features, restrictions, and caveats for Cisco Unified Communications Manager (Unified Communications Manager) and Cisco Unified Communications Manager IM and Presence Service (IM and Presence Service). The release notes are updated for every maintenance release but not for patches or hot fixes.

Supported Versions

The following software versions apply to:

- Unified Communications Manager: 15.0.1.11900-23

- IM and Presence Service: 15.0.1.11900-4

Version Compatibility Between Unified CM and the IM and Presence Service

Version compatibility depends on the IM and Presence Service deployment type. The following table outlines the options and whether a release mismatch is supported between the telephony deployment and the IM and Presence Service deployment. A release mismatch, if it is supported, would let you deploy your Unified Communications Manager telephony deployment and your IM and Presence Service deployment using different releases.

Note Any respin or ES that is produced between Cisco.com releases is considered part of the previous release. For example, a Unified Communications Manager ES with a build number of 15.0.1.14[0-2]xx would be considered part of the 15SU1 (15.0.1.11900-x) release.

Table 1: Version Compatibility between Unified Communications Manager and the IM and Presence Service

Deployment Type	Release Mismatch	Description
Standard Deployment of IM and Presence Service	Not supported	Unified Communications Manager and the IM and Presence Service are in the same cluster and must run on the same release—a release mismatch is not supported.

Deployment Type	Release Mismatch	Description
Centralized Deployment of IM and Presence Service	Supported	The IM and Presence Service deployment and the telephony deployment are in different clusters and can run on different releases—a release mismatch is supported. **Note** The IM and Presence Service central cluster also includes a standalone Unified CM publisher node for database and user provisioning. This non-telephony node must run on the same release as the IM and Presence Service. **Note** Centralized Deployment is supported for the IM and Presence Service from Release 11.5(1)SU4 onwards.

Documentation for this Release

For a complete list of the documentation that is available for this release, see the Documentation Guide for Cisco Unified Communications Manager and the IM and Presence Service, Release 15.

Installation Procedures

For information on how to install your system, see the Installation Guide for Cisco Unified Communications Manager and the IM and Presence Service.

Upgrade Procedures

For information on how to upgrade to this release, see the Upgrade and Migration Guide for Cisco Unified Communications Manager and IM and Presence Service, Release 15.

New and Changed Features

There are no new features that are introduced for this release.

Important Notes

Interoperability Issues Between LBM Interclusters

Location Bandwidth Manager (LBM) running on Unified Communication Manager version 15 cannot communicate with Unified CM versions with a newer version of Release 15 (for example, Release 15 SU1 or later). Hence, we recommend that you do the following if you are using LBM across multiple clusters:

- Ensure that you install the `ciscocm.V15FCS_CSCwi82830-lbm_C0211-1.cop.sha512` COP file on Unified Communications Manager Release 15 to interoperate with LBM running on Unified Communication Manager versions 15SU1 or later.

Deprecation of Remote Call Control with Microsoft Lync Server for IM and Presence Service

Unified Communications Manager Release 15 does not support Remote Call Control with Microsoft Lync Server for IM and Presence Service. If you are using this feature currently in your deployment and you are trying to upgrade to Release 15, you cannot use this feature after the upgrade.

Note   This feature continues to be supported in Releases 12.5.x and 14 and SUs until their EOL/EOS.

For more information, see Deprecation of Remote Call Control with Microsoft Lync Server for IM and Presence Service on Cisco Unified Communications Manager, Release 15.

Remove Deprecated Device Firmware from ISO

Starting with Release 15 onwards, phone firmware that is end of support will no longer be included in the Unified Communications Manager ISO. These endpoints will still be allowed to register, unless they have been officially deprecated, but the firmware will not be present in the TFTP directory following a fresh install. For more details, see the ReadMe for Cisco Unified Communications Manager.

New 2021 Signing Key

Attention   Release 14SU1 and onwards is signed with a new 2021 signing key. It is possible that you may need to install the ciscocm.enable-sha512sum-2021-signing-key-v1.0.cop.sgn COP file first if upgrading from Unified Communications Manager versions prior to Release 14. See the COP file readme for specifics.

This release also removes support for the previous signing key. If you are installing phone firmware, ensure that you use the files with k4.cop.sha512 in the name, as these files are also signed with the new signing key. Installing files signed with the previous signing key results in a "The selected file is not valid." error during installation.

Simplifying Release Number Scheme

From Release 14 onwards, Cisco Unified Communications Manager has adopted the single number release plan. There will be no (dot) releases like (dot five) in the past release versions. Service Update releases will be published on top of the main major release 14 through the regular Software Maintenance cycle.

New Cisco Gateway Support

New releases of Unified Communications Manager have introduced support for the following Cisco gateways:

- Cisco VG400 Analog Voice Gateway

- Cisco VG410 Analog Voice Gateway

- Cisco VG420 Analog Voice Gateway

- Cisco VG450 Analog Voice Gateway

- Cisco 4461 Integrated Services Router

The following table lists supported gateway models and the initial release, by release category, where support was introduced. Within each release category (for example, 11.5(x) and 12.5(x)), support for the gateway model is added as of the specified release, along with later releases in that category. For these releases, you can select the gateway in the **Gateway Configuration** window of Unified Communications Manager.

Table 2: Cisco Gateways with Initial Release By Release Category

Gateway Model	11.5(x) Releases	12.5(x) Releases	14(x) Releases	15(x) Releases
Cisco VG 202, 202 XM, 204, 204 XM, 310, 320, 350 Analog Voice Gateway	11.5(1) and later	12.5(1) and later	14 and later	15 and later
Cisco VG400 Analog Voice Gateway	11.5(1)SU7 and later	12.5(1) and later	14 and later	15 and later
Cisco VG410 Analog Voice Gateway	Not supported	Not supported	Not supported	15 and later
Cisco VG420 Analog Voice Gateway	Not supported	12.5(1)SU4 and later	14SU1 and later	15 and later
Cisco VG450 Analog Voice Gateway	11.5(1)SU6 and later	12.5(1) and later	14 and later	15 and later
Cisco 4321, 4331 4351, 4431, 4451 Integrated Services Router	11.5(1) and later	12.5(1) and later	14 and later	15 and later
Cisco 4461 Integrated Services Router	11.5(1)SU6 and later	12.5(1) and later	14 and later	15 and later
Cisco Catalyst 8300 Series Edge Platforms	—	12.5(1)SU4 and later	14 and later	15 and later

Cisco Analog Telephone Adapters

Cisco Analog Telephone Adapters connect analog devices, such as an analog phone or fax machine, to your network. These devices can be configured via the **Phone Configuration** window. The following table highlights model support for the ATA series.

Table 3: Cisco Analog Telephone Adapters

ATA Adapter	11.5(x) Releases	12.5(x) Releases	14(x) Releases	15(x) Releases
Cisco ATA 191 Analog Telephone Adapter	11.5(1)SU4 and later	12.5(1) and later	14 and later	15 and later

> ✎
>
> **Note** Cisco ATA 190 Analog Telephone Adapter is EOS/EOL Notice.

Caveats

Bug Search Tool

The system grades known problems (bugs) per severity level. These release notes contain descriptions of the following bug levels:

- All severity level 1 or 2 bugs

- Significant severity level 3 bugs

- All customer-found bugs

You can search for open and resolved caveats of any severity for any release using the Cisco Bug Search tool, an online tool available for customers to query defects according to their own needs.

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

- Internet connection

- Web browser

- Cisco.com user ID and password

Follow these steps to use Cisco Bug Search tool:

1. Access the Cisco Bug Search tool: https://bst.cloudapps.cisco.com/bugsearch.

2. Log in with your Cisco.com user ID and password.

3. If you are looking for information about a specific problem, enter the bug ID number in the **Search for:** field and click **Go**.

> 🔍
>
> **Tip** Click **Help** on the Bug Search page for information about how to search for bugs, create saved searches, and create bug groups.

Caveats for 15SU1

You can search for defects in the Bug Search Tool at https://bst.cloudapps.cisco.com/bugsearch/.

For a list of Open Caveats and Resolved Caveats, see the respective Readme files:

- ReadMe for Cisco Unified Communications Manager, Release 15SU1

- ReadMe for Cisco Unified IM and Presence, Release 15SU1