



Release Notes for Cisco Unified Communications Manager Express, Release 12.6

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Introduction

This Release Notes document describes the features of Cisco Unified Communications Manager Express, Release 12.6 (Cisco IOS XE Gibraltar 16.11.1a, Cisco IOS XE Gibraltar 16.12.1).

To ensure that you have the latest version of this Release Notes, go to <http://www.cisco.com/en/US/partner/products/sw/voicesw/ps4625/index.html>. Choose Release and General Information > Release Notes, and locate the latest release notes pertaining to your release.

System Requirements

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Memory Requirements

The Cisco 4000 Series Integrated Services Router platforms require 4 GB of DRAM.

Hardware Supported

Platforms

The following Cisco 4000 Series Integrated Services Router platforms are supported:

- Cisco ISR 4321 Integrated Services Routers
- Cisco ISR 4331 Integrated Services Routers
- Cisco ISR 4351 Integrated Services Routers
- Cisco ISR 4431 Integrated Services Routers
- Cisco ISR 4451 Integrated Services Routers
- Cisco ISR 4461 Integrated Services Routers

Software Compatibility

For more information on supported images and minimum software version requirement, see the “Information About Cisco Unified CME Software” section of the *Cisco Unified Communications Manager Express Administrator Guide*.

To determine the correct Cisco IOS release to support a specific Unified CME version, see the *Cisco Unified CME and Cisco IOS Software Version Compatibility Matrix*.

Use Cisco Feature Navigator to find information about platform support and Cisco IOS software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

Determining the Software Version

To determine the release of Cisco IOS software currently running on your Cisco router, log in to the router and enter the **show version** command. The following sample output from the **show version** command indicates the Cisco IOS release on the first output line:

```
Router-4400# show version
Cisco IOS XE Software, Version Cisco IOS XE 16.11.1a
Cisco IOS Software, ISR Software (X86_64_LINUX_IOSD-UNIVERSALK9-M),
Copyright (c) 1986-2018 by Cisco Systems, Inc.
Compiled Fri 16-Nov-18 01:12.
```

```
Router-4400# show version
Cisco IOS XE Software, Version Cisco IOS XE 16.12.1
Cisco IOS Software, ISR Software (X86_64_LINUX_IOSD-UNIVERSALK9-M),
Copyright (c) 1986-2018 by Cisco Systems, Inc.
Compiled Fri 16-Nov-18 01:12.
```

Upgrading to a New Software Release

To upgrade to a new software release, see the “Installing and Upgrading Cisco Unified CME Software” section of the *Cisco Unified Communications Manager Express Administrator Guide*.

Feature Set Tables

Use Cisco Feature Navigator to find information about platform support and software image support. Cisco Feature Navigator enables you to determine which software images support a specific software release, feature set, or platform. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>.

New and Changed Information

- [Changed Information for Unified CME, 12.6, page 4](#)
- [New Features in Unified CME, Release 12.6, page 4](#)

Changed Information for Unified CME, 12.6

From Unified CME Release 12.6 (Cisco IOS XE Gibraltar 16.11.1a), the following features are no more supported on Unified CME:

- [End-of-Support for Graphical User Interface on Unified CME, page 4](#)
- [End-of-Support for CTI CSTA Protocol Suite, page 4](#)

End-of-Support for Graphical User Interface on Unified CME

For information on End-of-support for Graphical User Interface (GUI) on Unified CME Release 12.6, see [Cisco Unified Communications Manager Express System Administrator Guide](#).

End-of-Support for CTI CSTA Protocol Suite

For information on End-of-support for Computer Telephony Integration (CTI) Computer Supported Telecommunications Applications (CSTA) Protocol Suite on Unified CME Release 12.6, see [Cisco Unified Communications Manager Express System Administrator Guide](#).

New Features in Unified CME, Release 12.6

The following new features are introduced for Unified CME, Release 12.6 on the Cisco 4000 Series Integrated Services Routers:

- [Support for Unified CME Password Policy and Encryption, page 4](#)
- [Support for SNMP Version 3 \(SNMPv3\) on Unified CME, page 4](#)
- [Support for Toll Fraud Prevention for Line Side SIP on Unified CME, page 5](#)
- [Support for Specific License Reservation \(SLR\), page 5](#)

Support for Unified CME Password Policy and Encryption

For information on support for Unified CME Password Policy and guidelines for password configuration and encryption, see [Cisco Unified Communications Manager Express System Administrator Guide](#).

Support for SNMP Version 3 (SNMPv3) on Unified CME

For information on support for Simple Network Management Protocol Version 3 (SNMPv3) on Unified CME, see [Cisco Unified Communications Manager Express System Administrator Guide](#).

Support for Toll Fraud Prevention for Line Side SIP on Unified CME

For information on configuring toll fraud prevention for line side SIP on Unified CME, see [Cisco Unified Communications Manager Express System Administrator Guide](#).

Support for Specific License Reservation (SLR)

From Cisco IOS XE Gibraltar 16.12.1 (Unified CME12.6), Specific License Reservation (SLR) is supported on Cisco 4000 Series Integrated Services Routers. For more information, see [Cisco Unified Communications Manager Express System Administrator Guide](#).

Caveats

- [Open Caveats—Unified CME, Release 12.6, page 5](#)

Open Caveats—Unified CME, Release 12.6

Unified CME 12.6 (Cisco IOS XE Gibraltar 16.11.1a) is not a recommended release version for call flows with Multicast Music On Hold.

The following are the open or unresolved caveats for Unified Communications Manager Express, Release 12.6 in Cisco IOS XE Gibraltar 16.11.1a Release.

Caveat	Description
CSCvm51787	The CLI command supplementary-service media-rengotiate causes Transfer Recall to fail if transfer target has SNR enabled
CSCvo04856	Data Plane (DP) crash observed in MMOH call flow

The following are the open or unresolved caveats for Unified SRST, 12.6 Release in Cisco IOS XE Gibraltar 16.12.1 Release.

Caveat	Description
CSCvv97589	Smart Licensing and Specific License Reservation (SLR) count is not reset after you switch the configuration mode from Unified CME to Unified SRST/Unified E-SRST or vice versa.

Related Documentation

Software Documents

Administrator Guides

- [Cisco Unified Communications Manager Express System Administrator Guide](#)

- *Cisco Unified SCCP and SIP SRST System Administrator Guide (All Versions)*
- *Phone Feature Support Guide for Unified CME, Unified SRST, Unified E-SRST, and Unified Secure SRST*

Command References

- *Cisco Unified Communications Manager Express Command Reference*
- *Cisco Unified SRST and Cisco Unified SIP SRST Command Reference (All Versions)*

Release Notes

Release Notes for Cisco Unified Survivable Remote Site Telephony

Service and Support

The Cisco Support and Documentation website provide online resources to download documentation, software, and tools. Use these resources to install and configure the software and to troubleshoot and resolve technical issues with Cisco products and technologies.

Access to most tools on the Cisco Support and Documentation website requires a Cisco.com user ID and password.

To access the website, go to: <http://www.cisco.com/cisco/web/support/index.html>.

Obtain Documentation and Submit a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation*.

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#). The RSS feeds are a free service.

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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