

Collaboration System Release Notes for Cisco Collaboration Systems Release 10.6(1)

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Overview

As part of its standard methodology Cisco Systems performs system-wide testing of Cisco Collaboration products to supplement the product-level testing performed on each Collaboration product.



Note

Not all Collaboration System product release versions may be available at the same time. For latest product version availability, see individual product support pages at [Support and Downloads](#).

A major deliverable of the Systems Release and Cisco Collaboration Systems testing is a recommendation of compatible software releases that have been verified by the testing teams. The recommendations are not exclusive and are in addition to interoperability recommendations for each of the individual voice application or voice infrastructure products.

For information about component software releases for Cisco Collaboration Systems Release 10.6(1), see [System Requirements](#), on page 18. Software compatibility data for this release is available from the **new** [Cisco Collaboration Systems Compatibility Matrix](#).



Note

Software compatibility data for all Cisco Collaboration Systems releases **prior to 10.5(1)** is available from the [Cisco Collaboration Systems Compatibility Tool](#).

This document focuses on the collaboration components of Cisco Collaboration Systems testing. Information about contact center components that were tested for Cisco Collaboration Systems is available at: <http://cisco.com/go/unified-techinfo>.

This document provides release notes for the testing conducted on systems including the following types of components:

- Call control components, such as Cisco Unified Communications Manager, Cisco Unified Communications Manager IM and Presence Service, Cisco Business Edition, and Cisco Unified Communications Manager Express.
- Conferencing components, such as Cisco TelePresence Management Suite, Cisco TelePresence Management Suite Provisioning Extension, Cisco TelePresence Management Suite Extension for Microsoft Exchange, Cisco Collaboration Meeting Rooms (CMR) Cloud, Cisco TelePresence Server, Cisco TelePresence Conductor and Cisco TelePresence MCU series.
- Enterprise Edge components such as Cisco TelePresence Video Communication Server, Cisco Expressway Series, and Cisco Unified Border Element.

- Server applications, such as Cisco Emergency Responder and Cisco Unified Attendant Consoles.
- Cloud Applications such as Cisco WebEx Meetings Server and Cisco WebEx Meeting Center.
- Voicemail and Messaging components, such as Cisco Unity Connection and Cisco Unity Express.
- Endpoint components, such as Cisco TelePresence IX5000, Cisco DX70, Cisco DX80, Cisco Desktop Collaboration Experience DX650, Cisco TelePresence System EX Series, Cisco TelePresence System 500-32, Cisco TelePresence Integrator C Series, Cisco TelePresence MX Series, Cisco TelePresence SX Series, Cisco IP Phone 8800 Key Expansion Module, Cisco Virtualization Experience Media Engine (VXME) for SUSE Linux, Cisco Jabber Software Development Kit , Cisco WebEx Meetings Android, and Cisco WebEx Meetings iOS.
- Service Management applications, such as Cisco Prime License Manager, Cisco Prime Collaboration (Provisioning and Assurance), and Cisco Prime Collaboration (Deployment).
- Communications infrastructure gateway components such as Cisco Unified Survivable Remote Site Telephony, Cisco Unified Enhanced Survivable Remote Site Telephony, Cisco VG200 Analog Voice Gateway Series, Cisco ATA 187 Analog Telephone Adapter, and Communications infrastructure routers such as Cisco Integrated Services Routers (ISR).

Documentation Changes

The following updates have been made to Cisco Collaboration Systems Release 10.6(1) documentation.

Document	Date	Change
Collaboration System Release Notes for Cisco Collaboration Systems Release 10.6(1)	Feb 11, 2015	Added new open caveat: CSCus77286 .
Collaboration System Release Notes for Cisco Collaboration Systems Release 10.6(1)	January 30, 2015	Added new open caveat: CSCus68609 .
Collaboration System Release Notes for Cisco Collaboration Systems Release 10.6(1)	January 27, 2015	Added new features tested. Updated new and changed feature details for components with new release versions. Note See the Collaboration Systems Compatibility Matrix for the latest 10.6 component versions. Added new open caveat: CSCus30693 and removed fixed caveat: CSCur79657 .
System Release Notes for Contact Center: Cisco Collaboration Systems Release 10.6(1)	January 27, 2015	Added new open caveats.

Tested Functionality

Feature Testing

The system-wide testing of collaboration functionality for Cisco Collaboration Systems Release 10.6(1) included the following features:

- Single Sign-On for Remote Users
- Managed File Transfer
- TelePresence Server Cascade
- Single Deployment Model for On-Premise Conferencing
- Collaboration Meeting Rooms Across Premises
- Single Sign-On with Cisco WebEx Meeting Server
- Cisco WebEx Meeting Server Multi-Data Center
- Consistent Encryption Status and Participant Names
- ISR 4451-X gateway for PSTN, RSVP, and Media Resources
- IPv6 SIP Line and Trunks
- Cisco Emergency Responder

Upgrade Paths

The system-wide functionality testing of Collaboration products for Cisco Collaboration Systems Release 10.6(1) included the following upgrade path:

- Single stage upgrade of collaboration components from Cisco Collaboration Systems Release 10.5(1) to Cisco Collaboration Systems Release 10.6(1). For a list of the base Release 10.5(1) versions, see *System Release Notes for Collaboration: Cisco Collaboration Systems, Release 10.5(1)* at:

http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/uc_system/V10-5-1/Release-Notes/VTGS_BK_SB90DB67_00_system-release-notes-for-ip.html

New and Changed Features

Cisco Collaboration Systems Release 10.6(1) integrates telephony, conferencing (voice and web), and messaging products for enterprise IP customers in a variety of deployment models using SIP and SCCP endpoints over IP networks. The end-to-end system release for enterprise Cisco Collaboration is centered on the latest Cisco Unified Communications Manager release.

The following sections provide brief overviews of new and enhanced features, and links to release note documentation, for Cisco Collaboration Systems Release 10.6(1) major components.

Cisco Unified Communications Manager

Cisco Unified Communications Manager Release 10.5(2) and IM and Presence Service includes new features and changes to functionality in the following areas:

- Information Assurance Features
- Update to Default Threshold for Failed Logon Attempts
- Control of Security Status
- Touchless Installation for Virtual Machine
- IM and Presence Service Integration
- CLI Commands
- Single Sign-On Updates
- Upgrade and Migration Paths
- Increased Capacity of IP Voice Media Streaming Application and Expanded MOH Audio Source
- AES 256 Encryption Support for TLS and SIP SRTP
- IM and Presence Service Stream Management
- IM and Presence Service Managed File Transfer

For detailed information about changes, see [Release Notes for Cisco Unified Communications Manager, Release 10.5\(2\)](#).

Cisco Business Edition

Cisco Business Edition 6000

Cisco Business Edition 6000 Software Preload Summaries and application-specific release notes are available at: <http://www.cisco.com/c/en/us/support/unified-communications/business-edition-6000/products-release-notes-list.html>

Cisco Business Edition 7000

For Cisco Business Edition 7000 information, go to [Cisco Business Edition 7000 Software Downloads, Release and General Information](#).

Cisco TelePresence

Cisco TelePresence Management Suite

Cisco TelePresence Management Suite (Cisco TMS) 14.6 includes the following new features to functionality:

- Externally hosted conference
- Changes to the users that receive booking confirmation and cancellation emails
- Conference save performance improvements

- Improved handling of changes to ongoing conferences
- Improved scheduling logging
- Enforcing upper limit of 5000 systems
- TelePresence Conductor scheduling improvements
- SNMP Traps
- System support
- Requirements
- Other changes
- Cisco TMS Booking API (Cisco TMSBA)

For complete information about features and functionality, see [Cisco TelePresence Management Suite 14.6 Software Release Notes](#).

Cisco TelePresence Management Suite (Cisco TMS) 14.5 includes the following new features to functionality:

- Added support for Unmanaged Bridges
- Unmanaged Endpoint tab replaces Room/Equipment tab
- Changes to the Add Systems page
- Improved user experience when booking from external clients
- Booking confirmation email prefix
- Dial-in addresses in booking confirmation emails
- Direct Join
- New Bridge Utilization report
- WebEx using deferred connect on TelePresence Server
- Changes to the List Conferences GUI
- Search-only Phone Book Sources
- Localization
- Improved support for long conference titles in Booking > List Conferences
- Load balancer probe URL polling
- Participant dial string
- Reconnect message on Master endpoint
- Conference and user time zones
- Improvements to the Booking Confirmation page
- View active Cisco TMSBA clients
- Changes to Edit Event Notification page
- Allocation attempts
- Improvements to the Event Log

- Software FTP Directory location
- Changes to Cisco TMSBA (booking API)
- Other changes

For complete information about features and functionality, see [Cisco TelePresence Management Suite 14.5 Software Release Notes](#).

Cisco TelePresence Management Suite Provisioning Extension

Cisco TelePresence Management Suite Provisioning Extension (Cisco TMSPE) 1.4 includes the following new features and changes to functionality:

- Add temporary WebEx connection to CMR
- Guest role and lobby support for CMRs
- Optimize Resources
- Updated requirements
- Email changes in Cisco TMS affect Cisco TMSPE

For complete information about features and functionality, see [Cisco TelePresence Management Suite Provisioning Extension Version 1.4 Software Release Notes](#).

Cisco TMSPE 1.3 includes the following new features and changes to functionality:

- Enable and disable Call-in participants
- Cascading bridges when using CMRs

For complete information about features and functionality, see [Cisco TelePresence Management Suite Provisioning Extension Version 1.3 Software Release Notes](#).

Cisco TelePresence Management Suite Extension for Microsoft Exchange

Cisco TelePresence Management Suite Extension for Microsoft Exchange (Cisco TMSXE) 4.1 includes the following new features and changes to functionality:

- Replacing Cisco TelePresence Manager
- Trial import
- Improved conflict handling
- Support for resource mailboxes using delegates
- Improved logging
- Other changes

For complete information about features and functionality, see [Cisco TelePresence Management Suite Extension for Microsoft Exchange Version 4.1](#).

Cisco TelePresence Server

Cisco TelePresence Server Release 4.1(1.79) includes the following new features and changes to functionality:

- User experience improvements
 - Layout changes
 - Message background
 - Participant overflow icon
 - Audio avatar
 - ActiveControl enabled by default
 - Name label changes
 - Improved content
 - Enhanced layout experience
- Resilience and diagnostics improvements
 - Remote logging of protocols log
 - TIP messages logged in event log
 - Event log message on packet loss
 - Network package capture controls on web interface
 - 'Bad video' event log message
 - Improvements to participant media summary CDR entry
- Scalability improvements
 - Capacity improvements
- General improvements
 - One conference URI with separate guest/chair PINS
 - Cisco Sans font

For detailed information, see *Cisco TelePresence Server Software Release Notes 4.1(1.79)*, at <http://www.cisco.com/c/en/us/support/conferencing/telepresence-server/products-release-notes-list.html>.

Cisco TelePresence Content Server

Cisco TelePresence Content Server Release 6.1 supports the following new and changed features and functionality:

- Content Server software as a virtualized application on a VMware vSphere Hypervisor (ESXi) system.
- Migration Assistant
- Content Server clusters
- Sharpness Enabled check box
- Supported platforms, browsers, and plugins are updated for Release 6.1

For detailed information about features and functionality, see [Release Notes for Cisco TelePresence Content Server](#).

Cisco TelePresence Conductor

Cisco TelePresence Conductor XC3.0 supports the following new and changed features and functionality:

- Authentication required when changing an administrator account password
- Ability to mark pools within a Service Preference to be used for scheduling
- Support for WebEx calls to be included in scheduled conferences
- Support for participant role determined by PIN
- Ability to specify whether guests must wait for a host to join a conference first
- Support for multistream calls
- Support for up to three SIP trunk destinations
- TelePresence Conductor regularly polls its SIP trunk destinations and reports reachability changes
- Syslog publish filter
- User interface changes
- API changes

For detailed information about features and functionality, see [Cisco TelePresence Conductor XC3.0 Release Notes](#).

Cisco Collaboration Meeting Rooms (CMR) Hybrid

Cisco Collaboration Meeting Rooms (CMR) Hybrid Release Notes (TMS 14.6 - WebEx Meeting Center WBS29.11) includes the following new features and changes to functionality:

- Support for TelePresence Conductor.
- Support for WebEx Meeting Center WBS29.11
- Support for Cisco TelePresence Server on Virtual Machine and Multiparty Media 310/320
- Improved presentation share quality

For detailed information about features and functionality, see [Cisco Collaboration Meeting Rooms Hybrid Release Notes](#)

Cisco TelePresence MCU 5300 Series

Cisco TelePresence MCU 5300 Series 4.5(1.45) includes the following new features and changes to functionality:

- Cisco ClearPath support
- Separate content channel support for encrypted SIP participants
- SIP configuration improvements
- Disconnection of inactive calls

- TMMBR support
- Cisco Call Home support
- Isolated media processor reboot
- Improved diagnostic logging
- New console commands to return additional system information
- New/improved methods for feature key configuration
- Online Help format updated

For information about features and functionality, see [Cisco TelePresence MCU Software Release Notes 4.5](#)

Cisco TelePresence Video Communication Server (VCS)

Cisco TelePresence Video Communication Server (VCS) X8.5 includes the following new features and changes to functionality:

- New endpoint support over edge
- Single sign-on over edge
- Improved line-side SIP capabilities
- Multiple deployments for partitioning mobile and remote access to Unified Communications services
- Serviceability improvements

For a complete list and detailed information, see [Cisco TelePresence Video Communication Server \(VCS\) X8.5 Release Notes](#).

Cisco Expressway Series

Cisco Expressway Series Release X8.5 includes the following new features and changes to functionality.

- New endpoint support over edge
- Single sign-on over edge
- Improved line-side SIP capabilities
- Multiple deployments for partitioning mobile and remote access to Unified Communications services
- Serviceability improvements

For a complete list and detailed information, see [Cisco Expressway Series Release Notes](#).

Cisco Emergency Responder

Cisco Emergency Responder Release 10.5(1) includes the following new features and changes to functionality:

- VOS Synchronization with Unified Communications Manager
- Support for UCAT(Advanced Services Tool) - Data Collection

- Create export option for Unlocated Phones report
- Browser Support for Chrome, Internet Explorer 11.0
- Specific Web alert for onsite personnel along with option to view all alerts
- Support for Special Characters in Community Name
- Support for HCS based Licenses on PLM
- Support Hostname Change

For more information about features and functionality, see *Release Notes for Cisco Emergency Responder Release* at:

http://www.cisco.com/en/US/products/sw/voicesw/ps842/prod_release_notes_list.html

Cisco Unified Attendant Console

There are two options in Cisco Unified Attendant Consoles (Cisco UACs), Cisco Unified Attendant Console Standard 10.6 and Cisco Unified Attendant Console Advanced 10.5(2).

Cisco Unified Attendant Console Standard

For details about Cisco Unified Attendant Console Advanced 10.6 features see: [Release Notes for Cisco Unified Attendant Console Standard Release 10.6.0.1872](#)

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Cisco Unified Attendant Console Advanced

Cisco Unified Attendant Console Advanced 10.5(2) includes the following new features and changes to functionality:

- Cisco Unified Attendant Console Advanced server now supports Cisco Unified Communications Manager 7.1(5) to 10.5(2).
- Cisco Unified Attendant Console Advanced server now supports Cisco Unified Presence (CUP) Server 7.1(5) to 10.5(2).
- Cisco Unified Attendant Admin now allows users to map different source fields with the "INTNL" extension.
- There is a new Operator Availability Report.
- The Incoming Calls by Date and Time Report has been updated so that data can be grouped by day/hour and queue. The answered time profile is now cumulative.

For more information about Cisco UAC features and functionality, see *Cisco Unified Attendant Consoles Release Notes* for this release, at:

http://www.cisco.com/en/US/products/ps7282/prod_release_notes_list.html

Cisco WebEx Meetings Server

Cisco WebEx Meetings Server Release 2.5 includes the following new features and changes to functionality:

- Multi-Data Center (MDC) support
- IPV6 support
- Hardware Support
- Cisco Jabber for Mac 10.5 Integration
- Large Meetings
- Mobile Support
- Operating System Support
- Tested Windows Browsers
- Tested Mac Browsers
- Security Enhancements
- End-User Experience Enhancements
- Simplified and modern in-meeting experience
- Blast Dial
- IVR language selection
- Schedule on behalf from the web interface
- Administrator Enhancements
- Changes to the Customer Documentation Suite

For a complete list and detailed information, see [Release Notes for Cisco WebEx Meetings Server Release 2.5](#).

Cisco WebEx Meeting Center

Cisco WebEx Meeting Center (version WBS29.8) includes the following new features and changes to functionality:

- Collaboration Meeting Rooms
- Cisco WebEx page redesign and accessibility updates
- Simplified and modern in-meeting experience
- Disable entry and exit audio tone in meeting
- Leave meeting option for host with automatic transfer of host role
- First attendee becomes presenter
- Screen saver when sharing
- Minimized Chat and Notes panels
- Cleaner and faster join experience
- Seamless calling on Cisco DX series devices
- Cisco WebEx Productivity Tools

- Using Cisco WebEx on Chrome
- Site Administration updates

For complete information about features and functionality, see [Cisco WebEx Meeting Center \(version WBS29.8\) Release Notes](#).

Cisco Unity Connection

Cisco Unity Connection Release 10.5(2) includes the following new features and functionality:

- Single Sign-On Updates
- Touchless Installation for Virtual Machine
 - Predefined Cluster Configurations (AFG Process)
 - Automatic Sequencing of Touchless Server
 - Answer File Generator
- AES 256 Encryption Support for TLS and SIP SRTP

Cisco Unity Connection Release 10.5(2) includes the following changed features and functionality:

- Significant Changes to Unity Connection Upgrade Process
- Utility Updates on the Cisco Unity Tools Website
- Virtualization Enhancements

For information about features and functionality, see [Release Notes for Cisco Unity Connection Release 10.5\(2\)](#).

Cisco Unity Express

Cisco Unity Express 8.6.9 supports the following enhancement:

- Support for Cisco Unified Communications Manager 10.0 and 10.5 versions

For detailed information about features and functionality, see [Release Notes for Cisco Unity Express 8.6](#).

Cisco DX Series

The following table lists the features added to the Cisco DX Series (Cisco DX650, DX70, DX80) for firmware releases 10.2(2) and 10.2(3). For more information on the Cisco DX Series, see the Release Notes at the following location: <http://www.cisco.com/c/en/us/support/collaboration-endpoints/desktop-collaboration-experience-dx600-series/products-release-notes-list.html>

Feature name	Firmware release	Cisco DX650	Cisco DX70	Cisco DX80
AAC-LD Codec	10.2(2)	No	Yes	Yes

Feature name	Firmware release	Cisco DX650	Cisco DX70	Cisco DX80
Acoustic Echo Canceller and Laptop Shadowing	10.2(2)	No	No	Yes
Binary Floor Control Protocol	10.2(2)	Yes	Yes	Yes
Cisco DX650 Feature Parity	10.2(2)	n/a	Yes	Yes
Content Viewing and Sharing via HDMI In Port	10.2(2)	No	Yes	Yes
IPv6	10.2(2)	Yes	Yes	Yes
PC Display	10.2(2)	No	Yes	Yes
Problem Report Tool Upload Enhancement	10.2(3)	Yes	Yes	Yes
SE Android	10.2(2)	Yes	Yes	Yes
Self Care Portal	10.2(2)	Yes	Yes	Yes
SHA-256 Manufacturing Installed Certificate	10.2(2)	No	Yes	Yes
Two-Microphone Array Beam Forming	10.2(2)	No	No	Yes
TIP/MUX	10.2(2)	Yes	Yes	Yes
Uniform Resource Identifier Dialing	10.2(2)	Yes	Yes	Yes

Cisco TelePresence Integrator C/System EX/MX/SX Series

Cisco TelePresence Integrator C, System EX, SX and MX Series Release TC 7.3 includes new features and changes to functionality.

For detailed information about features and functionality of Cisco TelePresence Integrator C Series Release TC 7.3, see [Cisco Telepresence Integrator C Series Release Notes](#).

For detailed information about features and functionality of Cisco TelePresence System EX Series Release TC 7.3, see [Cisco TelePresence System EX Series Release Notes](#).

For detailed information about features and functionality of Cisco TelePresence MX Series Release TC 7.3, see [Cisco Telepresence MX Series Release Notes](#).

For detailed information about features and functionality of Cisco TelePresence SX Series Release TC 7.3, see [Cisco Telepresence MX Series Release Notes](#).

Cisco TelePresence IX5000

For information about Cisco TelePresence IX5000, see: [Cisco TelePresence IX5000 Series Release Notes](#).

Cisco Unified IP Phone Support

• Cisco Unified SIP Phone 3900 Series features

Cisco Unified SIP Phone 3905 has the following new feature as part of the firmware release 9.4(1)SR1.

- Call Admission Control

For more information, see the Release Notes at <http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-sip-phone-3900-series/products-release-notes-list.html>.

• Cisco Unified IP Phone 6900 Series features

No features have been introduced to the Cisco Unified IP Phones 6901 and 6911.

No features have been introduced to the Cisco Unified IP Phone 6945.

Cisco Unified IP Phones 6921, 6941, and 6961 have the following new features as part of the Firmware Release 9.4(1)SR1.

- Rate Limit for Multicast and Broadcast Traffic

For more information, see the Release Notes at <http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-6900-series/products-release-notes-list.html>

• Cisco IP Phone 7800 Series features

No new features were added to the Cisco IP Phone 7800 Series for Firmware Release 10.2(1)SR1.

For more information, see the Release Notes at <http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-7800-series/products-release-notes-list.html>.

• Cisco Unified IP Phone 7900 Series features

For information on new features added to the Cisco Unified IP Phone 7900 Series as part of the firmware release 9.3(1)SR4, see <http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-7900-series/products-release-notes-list.html>.

• Cisco IP Phone 8800 Series

The Cisco IP Phone 8800 Series are business-class collaboration endpoints that combine high-fidelity, reliable, secure, and scalable voice communications. Some of the phones support Cisco Intelligent Proximity, which provides telephony integration for personal mobile devices to support midsize to large enterprise businesses.

For the new features added to the Cisco IP Phone 8800 Series endpoints for Firmware Release 10.2(1), see the Release Notes at: <http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-8800-series/products-release-notes-list.html>.

- **Cisco Unified IP Phones 8941 and 8945 features**

Cisco Unified IP Phones 8941 and 8945 have the following new features as part of the Firmware Release 9.4(2).

- Configurable Font Size
- Detect Unified Communications Manager Connection Failure
- Extension Mobility Size Safe and Feature Safe

For more information, see the Release Notes at: <http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-8900-series/products-release-notes-list.html>

- **Cisco Unified IP Phones 8961, 9951, and 9971 features**

Cisco Unified IP Phones 8961, 9951 and 9971 have the following new features as part of the Firmware Release 9.4(2).

- Audio Parameter Enhancement
- Call Transfer Notification
- Privacy Setting Enhancements

For more information, see the Release Notes at: <http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-8900-series/products-release-notes-list.html>

Cisco Jabber for Windows

Cisco Jabber for Windows Release 10.6 includes the following new features.

- Chat and Presence
 - Alert When Available
 - Locations
 - Spell Check
 - Print Chat
 - AutoSave Chat
 - Client Behavior at Start Up
 - Remove Group Chat Participants
 - Conversation Tab Reordering
 - Conversation Tab Switching Shortcut
 - Chat Security Labels
 - Passwords for Persistent Chat Rooms (on-premises deployments only)

- Save Chat History to Outlook Folder
- Sharing
 - Share Menu
 - Size Limit for File Transfers
 - File Transfer enhancements (on-premises deployments only, prerequisite: Cisco Unified Communications Manager 10.5(2))
- Voice and Video
 - Do Not Disturb
 - Call Notifications on Other Device
 - Mute Before Answer
 - Audio Device Selection
 - Ring on All Devices
 - Call Stats
- Japanese Language
 - Improved Japanese localization
- User Management
 - Single Sign On for Expressway for Mobile and Remote Access
 - Mandatory Upgrade Support
 - Flexible Jabber ID
 - Multiple Presence Domains
- US Federal Government Requirements
 - FIPS 140-2

For detailed information about the new features and changes to functionality of Cisco Jabber for Windows, Release 10.6, see [Cisco Jabber for Windows Release Notes](#)

Cisco Jabber for Windows Release 10.5 includes the following new features.

- User Management
 - Single Sign On
 - Reset Jabber
 - Telemetry
- Calling Features
 - Personal Ringtone

- Hunt Groups
- Call Pickup
- Video Call Quality
- Audio Call Quality
- Plantronics Call Control
- Self-view
- IM & Presence
 - Screen Sharing
 - Remote Desktop Control
 - IM Notifications
 - IM Do Not Disturb
 - Spellcheck (Windows 8)
 - New Emoticons
- Persistent Chat Rooms
 - Persistent Chat Room Administration and Moderation
 - Persistent Chat Room Message Search
 - Persistent Chat Room Notifications
- Telephony
 - Conversation Window Control in Deskphone Control Mode
 - Call Statistics
 - IM Protocol Handler Enhancement

Cisco Jabber for Windows Release 10.5 includes the following changes to functionality.

- Documentation update on Cisco Jabber Deployment and Installation Guide
- Required Upgrade for Cisco WebEx Meeting Center Compliance

For detailed information about the new features and changes to functionality of Cisco Jabber for Windows, Release 10.5, see [Cisco Jabber for Windows Release Notes](#).

Cisco Jabber for Mac

Cisco Jabber for Mac Release 10.6 includes the following new features and changes to functionality:

- User Management
 - Custom contacts
 - Phone only mode

- Single Sign On using Expressway Mobile and Remote Access
- Mandatory Upgrade
- Flexible Jabber ID
- Chat and Presence
 - Chat Themes
- Sharing
 - File Transfer Enhancements
- Voice and Video
 - Mute before answer

For detailed information about features and functionality, see [Cisco Jabber for Mac 10.6 Release Notes](#).

Cisco IOS Extended Maintenance Deployment 15.4MT

For information about features and functionality, go to *Cisco IOS 15.4M&T Release Notes* <http://www.cisco.com/c/en/us/support/ios-nx-os-software/ios-15-4m-t/tsd-products-support-series-home.html>.

System Requirements

This section provides information about system requirements for Cisco Collaboration Systems Release 10.6(1).

End-of-Sale Components

The following components have reached end-of-sale (EOS) status but are still supported. Because they may be present in existing customer deployments, they remained installed in the test bed sites for this Cisco Collaboration Systems release.

- Cisco Unified IP Phone 8941, [End-of-Sale and End-of-Life Announcement](#)
- Cisco TelePresence System 1300-47, [End-of-Sale and End-of-Life Announcement](#)
- Cisco TelePresence System 3000 Series, [End-of-Sale and End-of-Life Announcement](#)
- Cisco Unified Personal Communicator, [End-of-Sale and End-of-Life Announcement](#)

The EOS date is the last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale. Another process, the end-of-life (EOL) cycle, guides the final business operations associated with the product.

The EOL process consists of a series of technical and business milestones and activities that, when completed, make a product obsolete. After a product becomes obsolete, it is not sold, manufactured, improved, repaired, maintained, or supported.

For information about recommended replacements and a comprehensive list of announcements, see [Products & Services End-of-Sale and End-of-Life Products](#).

For information about specific products, go to [Product/Technology Support](#). Then click **End-of-Sale and End-of-Life** and select products or technologies from the lists to the right.

Go to [End-of-Life Policy](#) for more information about Cisco's EOL policy.

Deployment Considerations

This section lists deployment considerations for Cisco Collaboration Systems Release 10.6(1). Note that not every rebuild is tested as part of the Cisco Collaboration Systems testing. Therefore, additional regression testing in a customer or Cisco-specific certification lab is recommended before deployment.

When deploying Cisco Collaboration Systems in a customer environment, remember the following:

- At the minimum, customers should deploy the software release recommended in:

[Cisco Collaboration Systems Compatibility Matrix](#)



Note For compatibility information prior to Collaboration Systems Release 10.5, refer to the Compatibility Tool: <http://tools.cisco.com/ITDIT/vtgsc>.

- For CSA, customers should use the latest engine and policy release. CSA software is available at: <http://www.cisco.com/cgi-bin/tablebuild.pl/csa>
- For other software components, customers should use the most current rebuild of a maintenance release. For IOS, information about the latest releases, including deferral advisories, is available at: <http://tools.cisco.com/ITDIT/CFN/jsp/index.jsp>
- If the recommended release has been deferred to a subsequent release, customers should use the subsequent release.
- Before deploying a release, examine the open caveats in the chosen release to determine if any will affect your implementation. Open caveats can be viewed through the Bug Search tool, located at: <https://tools.cisco.com/bugsearch/>
- Deploy the chosen release in a lab environment that uses the same product components as the customer's product components before moving to a production environment.

Latest Software Upgrades and Licenses

The following are links to the latest software upgrades for Cisco Collaboration Systems Release 10.6(1) components.

To launch the Product Upgrade Tool, go to:

<http://tools.cisco.com/gct/Upgrade/jsp/index.jsp>

To download the latest software for all other components, go to:

<http://software.cisco.com/download/navigator.html>

Component Versions

For current Cisco Collaboration Systems Release 10.6(1) compatible component versions, refer to the new [Cisco Collaboration Systems Compatibility Matrix](#).



Note For compatibility information prior to Collaboration Systems Release 10.5, refer to the Compatibility Tool: <http://tools.cisco.com/ITDIT/vtgsca>.



Note Not all Collaboration System product release versions may be available at the same time. For latest product version availability, see individual product support pages at, [Support and Downloads](#).



Note You can set up a virtualized environment by running Collaboration applications on a virtual machine on a Unified Computing System (UCS). For additional details, including UCS hardware information and third-party requirements, see:

www.cisco.com/go/uc-virtualized



Note Product specific compatibility documents provide complete compatibility information between components.



Note Cisco Hosted Collaboration Solution (Cisco HCS) is a hosted solution that includes various Cisco Collaboration Systems release components. For more information about Cisco HCS see: [Cisco Hosted Collaboration Solution](#) and [Cisco HCS Product Support](#).

Related Documentation

System Documentation

For high-level information about the Cisco Collaboration Systems, see Cisco Collaboration Systems Documentation at: <http://www.cisco.com/go/unified-techinfo>

For additional information about specific hardware recommendations or bills of material for each product, see [System Requirements](#), on page 18.

Managed Services Documentation

For information about managed services of certain products, refer to the product documentation.

Product Documentation

The following table provides links to the main support page for various Cisco Collaboration Systems components, from which you can access individual documents such as Release Notes and Installation Guides. The table also includes links to product information pages, from which you can access product data sheets.

Table 1: Related Documentation Links

Component	Links
Call Control	
Cisco Unified Communications Manager	<ul style="list-style-type: none"> • Support • Product Information
Cisco Unified Communications Manager IM & Presence Service	<ul style="list-style-type: none"> • Support • Product Information
Cisco Business Edition 6000	<ul style="list-style-type: none"> • Support • Product Information
Cisco Business Edition 6000S	<ul style="list-style-type: none"> • Support • Product Information
Cisco Business Edition 7000	<ul style="list-style-type: none"> • Support • Product information
Cisco Unified Communications Manager Express	<ul style="list-style-type: none"> • Support • Product Information
Conferencing	
Cisco TelePresence Management Suite	<ul style="list-style-type: none"> • Support • Product Information
Cisco TelePresence Management Suite Provisioning Extension	<ul style="list-style-type: none"> • Support • Product Information

Component	Links
Cisco TelePresence Management Suite Extension for Microsoft Exchange	<ul style="list-style-type: none"> • Support • Product Information
Cisco TelePresence Server	<ul style="list-style-type: none"> • Support • Product Information
Cisco TelePresence Content Server	<ul style="list-style-type: none"> • Support • Product Information
Cisco TelePresence Conductor	<ul style="list-style-type: none"> • Support • Product Information
Cisco TelePresence MCU 5300 Series	<ul style="list-style-type: none"> • Support • Product Information
Cisco Collaboration Meeting Rooms (CMR) Cloud	<ul style="list-style-type: none"> • Support • Product Information
Cisco Collaboration Meeting Rooms (CMR) Hybrid	
Enterprise Edge	
Cisco TelePresence Video Communication Server	<ul style="list-style-type: none"> • Support • Product Information
Cisco Expressway Series	<ul style="list-style-type: none"> • Support • Product Information
Cisco Unified Border Element	<ul style="list-style-type: none"> • Support • Product Information
Server Applications	

Component	Links
Cisco Emergency Responder	<ul style="list-style-type: none"> • Support • Product Information
Cisco Unified Attendant Console Standard	<ul style="list-style-type: none"> • Support • Product Information
Cisco Unified Attendant Console Advanced	<ul style="list-style-type: none"> • Support • Product Information
Cloud Applications	
Cisco WebEx Meetings Server	<ul style="list-style-type: none"> • Support • Product Information
Cisco WebEx Meeting Center	<ul style="list-style-type: none"> • Support • Product Information
Voicemail and Messaging	
Cisco Unity Connection	<ul style="list-style-type: none"> • Support • Product Information
Cisco Unity Express	<ul style="list-style-type: none"> • Support • Product Information
Endpoints	
Cisco DX 70	<ul style="list-style-type: none"> • Support • Product Information
Cisco DX 80	<ul style="list-style-type: none"> • Support • Product Information

Component	Links
Cisco Desktop Collaboration Experience DX650	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence System EX Series	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence System 500-32	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence System 500-37	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence IX5000	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence MX Series	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence SX Series	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence System 1100	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence Integrator C Series	<ul style="list-style-type: none">• Support• Product Information
Cisco TelePresence Precision 60 Camera	<ul style="list-style-type: none">• Support• Product Information

Component	Links
Cisco Jabber for Windows	<ul style="list-style-type: none"> • Support • Product Information
Cisco Jabber for iOS (Cisco Jabber for iPhone and iPad)	<ul style="list-style-type: none"> • Support • Product Information
Cisco Jabber for Android	<ul style="list-style-type: none"> • Support • Product Information
Cisco Jabber for Mac	<ul style="list-style-type: none"> • Support • Product Information
Service Management	
Cisco Prime Collaboration	<ul style="list-style-type: none"> • Support • Product Information
Cisco Prime License Manager	Support
Communication Gateways	
Cisco IOS Software Release 15.1	<ul style="list-style-type: none"> • Support • Product Information
Cisco Unified Computing System	Support
Cisco 2900 Series Integrated Services Routers	<ul style="list-style-type: none"> • Support • Product Information
Cisco 3900 Series Integrated Services Routers	<ul style="list-style-type: none"> • Support • Product Information
Cisco 4400 Series Integrated Services Routers	<ul style="list-style-type: none"> • Support • Product Information

Component	Links
Cisco Services-Ready 910 Service Module	<ul style="list-style-type: none"> • Support • Product Information

Limitations and Restrictions

If you are a Cisco partner or a registered cisco.com user with a Cisco service contract, you can use the Bug Search to find caveats of any severity for any release. Access the Bug Search at: <https://tools.cisco.com/bugsearch/>.

Cisco offers a Cisco Notification Service that allows you to set up one or more profiles that enable you to receive email notification of new Field Notices, Product Alerts, or End of Sale information for the products that you select. The Product Alert Tool is available at: <http://www.cisco.com/cisco/support/notifications.html>.



Note

Not all caveats documented in this section are applicable to the Collaboration system environment or deployment scenarios. They have been included for information purposes only.

Important Notes

This section includes important notes related to the testing of Cisco Collaboration Systems Release 10.6(1) and includes the following issues:

Limiting Media to IPv4-only on Dual Stack Unity Connection

Calls from dual stack phones to dual stack Unity Connection deployments use IPv6 media even when the Unified Communications Manager SCCP port's configuration is set to IPv4 only in the Common Device Configuration. To limit media to IPv4, disable IPv6 globally in Cisco Unity Connection Administration (navigate to System Settings >General Configuration >IP Addressing and select IPv4), or use a SIP integration with Unified Communications Manager. For more information, see: [CSCus77286](#).

Enabling/Disabling SSO on Unity Connection Causes Memory Leak in Tomcat

Enabling/disabling SSO causes memory leak, where in a few hours, Tomcat runs out of memory and subsequently isn't able to serve the UI page. Therefore, after enabling/disabling SAML SSO on Unity Connection, a user must wait for approximately (2-3 minutes) to get the web applications initialized properly and then the Tomcat service needs to be restarted from Cisco Unity Connection Serviceability page or using the CLI command `utils service restart Cisco Tomcat`. For more information see the: [System Administration Guide for Cisco Unity Connection Release 10.x](#).

[XE 3.15] FPI Hung Session and Call Disconnect for TMR_EXP

With multiple HOLD/RESUME and multiple XFER, call is disconnected due to TMR_EXP. Call switchovers from ACTIVE to STBY. On STBY after few HOLD/RESUME, FPI hung session occurs. For more details, see: [CSCuq98044](#)

Unity Connection Admin Web UI and Voicemail Service Outage

When LDAP responses are returned in seconds versus the expected milliseconds and there are multiple requests from DX endpoints for voicemail services, the Unity Connection Admin Web UI becomes inaccessible and some endpoints are unable to retrieve voicemail.

For more information see: [CSCus01573](#)

SIP Best Effort Early Offer Feature Setting Changes

To create a SIP trunk that supports early offer, the **Early Offer support for voice and video calls** field was changed from a check box to drop down option having three values:

- **Disabled** (Default value)
- **Best Effort** (no Media Transfer Point (MTP) inserted)
- **Mandatory (insert MTP if needed)**

For more details, see [Release Notes for Cisco Unified Communications Manager](#).

Missing Information for Allow Multiple Codecs in Answer SDP

This documentation update resolves CSCup79162.

The following information is omitted from the “SIP Profile Settings” topic in the *Cisco Unified Communications Manager Administration Guide* and online help:

Configure **Allow multiple codecs in answer SDP** for the following:

- Third-party SIP endpoints that support this capability
- SIP trunks to third-party call controls servers that uniformly support this capability for all endpoints

Do not configure this capability for SIP intercluster trunks to Cisco SME or other Cisco Unified Communications Manager systems.

Secure SIP Trunk Security Profile Considerations

For a Cisco Extension Mobility Cross Cluster (EMCC) solution, a Secure SIP Trunk profile cannot be configured on the special EMCC SIP Trunk. This means that Transport Layer Security (TLS) will not be used to encrypt signaling for any calls that are initiated by the Home cluster to a Visiting cluster Local Route Group or PSTN gateway. For more information, see [CSCtw76154](#)

Call Preservation Not Supported on Cisco VCS in Mobile and Remote Access Deployment

Call preservation does not work when endpoints are registered through the Cisco VCS in a mobile and remote access deployment. If the endpoint loses connectivity to Unified Communications Manager during an active call, the endpoint may not “be aware” that its connection to Unified Communications Manager has gone down, and it does not correctly display that it has entered call preservation mode. For more information, see [CSCul67670](#).

Cisco TelePresence TC Software Does Not Attempt Re-provision When Clustered Cisco VCS-E Fails

Cisco TelePresence TC phones registered using mobile and remote access do not attempt to re-provision when a Cisco VCS-e node in the cluster becomes unreachable. This occurs with the following DNS configuration:

- `_collab-edge._tls.domain.com` SRV record resolves to another hostname -- for example, `"vcs-e.domain.com"`
- `"vcs-e.domain.com"` has multiple A records which resolve to different IP addresses

To avoid this, each `_collab-edge` SRV record should point to one unique server. For more information, see [CSCui25299](#).

Show Connection Status Not Updated After Unified Communications Manager Failover for Jabber in Mobile and Remote Access Deployment

When Jabber is registered using mobile and remote access, the “Connection status” window shows connected address as the primary Unified Communications Manager, even after a Unified Communications Manager fail-over has happened and the client is actually registered to the secondary Unified Communications Manager. For more information, see [CSCuo89949](#).

Open Caveats

The table below lists known caveats, grouped by severity, related to the testing of Collaboration components in Cisco Collaboration Systems Release 10.6(1) and previous releases, which were not resolved at the time this document was written.

For additional information about each defect, click on the linked caveat number in the Identifier column in the following table to access the Bug Toolkit.

Table 2: Open Caveats

Identifier	Headline
Severity 2-3 Caveats	
CSCus68609	UCXN sends SRTP answer in reply to EO RTP offer
CSCus30693	TC endpoint becomes audio-only call after hold/resume
CSCur77947	RTMT - XCP AFT logs to include date information
CSCur68075	ISR 4451-X : Exhibits Transcoding failures and Core dumps.

Identifier	Headline
CSCus10585	Intermittent ad-hoc conference failure due to mx-offer profile mis-match
CSCuq81822	Security status not sent to all phones when endpoint drops from chained
CSCur97020	IPv4 Port Group still advertises itself as IPv6-capable
CSCur66516	CUP goes to bad state since CUP upgraded while Unified CM is being upgraded
CSCur89511	IM & P system restart operation getting stuck
CSCur94535	IM & P: Permission denied error while executing 'show status' as OS admin
CSCur11430	Jabber Login issue through DX80
CSCur42059	TC end points do not show lock icon on the display
CSCum63004	Presentation channel encryption status is "ON" before BFCP share starts
CSCuo17309	Ethernet ipv6 address showing wrong prefix length
CSCuo23572	User not able to resume double held call through console
CSCud12683	Jabber windows Video freezes when Call hold on 9971 via trunked CME
CSCud78026	Spurious RTMT unregistered phones alerts (Jira Case# SVC - 693)
CSCud79527	SIP call transfer is disabled on TS
CSCuh65366	Device attempts to upgrade to the build it's already on
CSCuh66163	TE 4.1.3 does not seem to change the session interval on 422 Server resp
CSCuj97539	Bug 3115 - VPN does not return after system freeze
CSCul17007	9971 video starts to tear across the screen irregularly
CSCul26065	Phone contrast is not working as expected

For information about a defect not listed in the table, go to [Bug Search Tool](#).

Troubleshooting

For important troubleshooting information, tips, and recommendations related to Cisco Collaboration Systems Release 10.6(1) for collaboration system, see the troubleshooting information at:

[Introduction to Troubleshooting](#)

Documentation and Service Requests

For information about obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as an RSS feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service. Cisco currently supports RSS Version 2.0.

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