



Release Notes for Cisco Unified Videoconferencing Manager Release 5.5

Revised: April 1, 2009, OL-14927-01

These release notes describe all versions of Cisco Unified Videoconferencing Manager Release 5.5.

To view the release notes for all versions of Cisco Unified Videoconferencing Manager, go to:
http://www.cisco.com/en/US/products/ps7088/prod_release_notes_list.html

You download Cisco Unified Videoconferencing Manager software from the Software Center:
<http://www.cisco.com/cgi-bin/tablebuild.pl/ipvc>

You must have an account on Cisco.com to access this site.

Contents

- [Introduction, page 2](#)
- [System Requirements, page 2](#)
- [Related Documentation, page 3](#)
- [New and Changed Information, page 4](#)
- [Installation Notes, page 4](#)
- [Caveats, page 5](#)
- [Troubleshooting, page 7](#)
- [Documentation Updates, page 7](#)
- [Obtaining Documentation, Obtaining Support, and Security Guidelines, page 8](#)



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Introduction

This document contains information that supplements Cisco Unified Videoconferencing Manager version 5.5 documentation. Cisco Unified Videoconferencing Manager contains the following components:

- The Resource Manager is a simple-to-use, web-based application for managing and monitoring visual communication in multi-site organization deployments. It provides resource management of network devices for video and audio meetings, as well as scheduling, call-routing, and conference-control functionalities.

Cisco Unified Videoconferencing Manager includes an internal ITU-T H.323 version 4-compliant gatekeeper to provide call-control for IP telephony and multimedia communication networks and an internal SIP User Agent to provide management and call-control for IP telephony and multimedia communication on SIP networks.

- The Network Manager provides a central management interface, enabling network administrators to easily and intuitively control, configure, and maintain Cisco Unified Videoconferencing deployments.
- The Desktop component is an application for establishing and participating in video conferences using desktops or laptops.

System Requirements

- Cisco supports the Cisco Unified Videoconferencing Manager when installed on the following Cisco server operating systems:
 - MCS-7825-H2
 - MCS-7825-I2
 - MCS-7825-H3
 - MCS-7825-I3
 - MCS-7835-H2
 - MCS-7835-I2
 - MCS-7845-H2
 - MCS-7845-I2
- The Cisco MCS server operating system is shipped with the Cisco Unified Videoconferencing Manager software.
- Cisco Unified Videoconferencing Manager Release 5.5 requires the servers listed above to be running the Cisco Media Convergence Server operating system Windows 2003 version 1.2a. This version of the operating system is included in the software shipped to customers purchasing this product for the first time.

Customers upgrading from previous release of this product which are installed on a Windows 2000 operating system must upgrade the server operating system before installing the Cisco Unified Videoconferencing Manager Release 5.5 application.

Download the Media Convergence Server operating system software from the Cisco.com. For details, see the [“Downloading the Server Operating System”](#) section on page 4.

- The product is shipped with the following demo license capabilities:
Resource Manager and Network Manager—Automatically install with a 30-day demo license.
Desktop—Request an initial demo license.
To obtain an initial Desktop demo license, an extension to any of the demo licenses, or the permanent licenses of a purchased product, follow the instructions in the License Fulfillment document provided with the software or accessed via the Help icon in the Resource Manager web user interface.
All initial demo licenses are for 30 days and two additional extensions are allowed for a total evaluation period of 90 days.
- Before installing Cisco Unified Videoconferencing Manager, make sure that ports 1098, 1099, and 8080 are not occupied. The Cisco MCS 7825 operating system comes configured with these ports open.



Note Do not interrupt the installation procedure. After starting the service, allow several minutes for initialization of the server before logging in to the web user-interface.

- You can configure Cisco Unified Videoconferencing Manager to use Active Directory Server as its user database, with security groups used for managing user roles. By default, all users except the administrator are given the role of Meeting Organizer. To modify this behavior, go to **Advanced Settings > LDAP Configuration > Advanced** and change the user-role mapping.
- After installation, log in as an administrator to configure the network and resources in the system.



Note To enable scheduling, meeting types must be downloaded from a specific MCU. If more than one MCU is present, upload Resource Manager meeting types from the Resource Manager to those MCUs. To modify meeting type (service) settings, update the service parameters in a specific MCU, download the service to the Resource Manager, and then upload the service to all other MCUs.

Compatibility Matrix and Supported Upgrades

Supports Cisco Unified Videoconferencing 3500 Series MCU Release 5.5 with High Definition Continuous Presence capability.

Supports Cisco Unified Videoconferencing 3500 Series Gateway Release 5.5.

Related Documentation

You can find the following related documentation at this URL:

http://www.cisco.com/en/US/products/ps7088/tsd_products_support_series_home.html

- *Installation Guide for Cisco Unified Videoconferencing Manager Release 5.5*
- *Configuration Guide for Cisco Unified Videoconferencing Manager Release 5.5*
- *User Guide for Cisco Unified Videoconferencing Manager Release 5.5*
- *Troubleshooting Guide for Cisco Unified Videoconferencing Manager Release 5.5*

New and Changed Information

Cisco Unified Videoconferencing Manager Release 5.5 introduces the following features:

Administrator Experience Enhancements

1. The internal gatekeeper is a fully functional H.323 gatekeeper.
2. Simplified gateway resource calculation algorithm allocates the requested gateway resource to each PSTN/ISDN endpoint according to its bandwidth definition.
3. Supports resource reservation for invited PSTN/ISDN terminals only. The Reserved PSTN/ISDN port feature is removed.
4. Enhanced Lecture Mode support assigns the lecturer to the main MCU conference when the Lecture Mode is used in a cascaded conference.

User Interface Improvements

1. Users can define virtual rooms where scheduled or ad hoc meetings are hosted according to the virtual room settings. Virtual rooms also allow an organization to set up a controlled ad hoc conferencing deployment where meetings can only be held in a predefined virtual room.
2. A guest user can access the Conference Control screen without having to log into Resource Manager first by providing the conference ID and PIN.
3. Simplified Rich Media tab in the Resource Manager Outlook Client.
4. Resource Manager Outlook Client supports Microsoft Outlook 2007 on the Microsoft Windows XP operating system.

For information about all available features and benefits, see the data sheet for Cisco Unified Videoconferencing Manager at:

http://www.cisco.com/en/US/products/ps7088/products_data_sheets_list.html.

Installation Notes

For step-by-step installation and upgrade instructions, see the *Installation Guide for Cisco Unified Videoconferencing Manager Release 5.5*.

Downloading the Server Operating System

Cisco Unified Videoconferencing Manager Release 5.5 requires the Cisco MCS servers to run the Cisco Media Convergence Server Operating System (MCS-OS), which is a Cisco Systems version of the Microsoft Windows 2003 Server operating system. The platform-specific version of the operating system is shipped automatically to customers purchasing this product for the first time.

Customers who are upgrading from previous releases of the Cisco Unified Videoconferencing Manager product installed on Windows 2000 Server need to back up the database and configuration files. Then they must reinstall the server operating system using MCS-OS 2003, minimum requirement is OS2003-1-2a, before installing the Cisco Unified Videoconferencing Manager Release 5.5. We recommend that you also install the latest MCS OS Updates after the base operating system is installed.

You can download the Media Convergence Server operating system software updates from the Cisco.com Software Download tool at this location:

<http://tools.cisco.com/support/downloads/go/PlatformList.x?sftType=Voice%20Applications%20OS%20and%20BIOS%20Updates&mdfid=280771554&treeName=Voice+and+Unified+Communications&mdfLevel=Software%20Version/Option&url=null&modelName=Cisco+Unified+Communications+Manager+Version+4.3&isPlatform=N&treeMdfid=278875240&modifmdfid=null&imname=&hybrid=Y&imst=N>

After the linked location is displayed, click CCM-OS v.2K to open the list and select the latest OS2003 updates. Open the accompanying README file and follow the update instruction.

Alternatively, you can find the download location from Cisco.com by following these instructions.

Procedure

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- Step 1** Select **Support > Download Software** on Cisco.com.
 - Step 2** Select the **Voice Software** product category.
 - Step 3** Log in with your Cisco.com account to obtain the full list of categories on this page.
 - Step 4** Click the **To Access Voice Software Downloads** link.
 - Step 5** Expand these folders: **IP Telephony > Call Control > Cisco Unified Communications Manager (CallManager)**.
 - Step 6** Click **Cisco Unified Communications Manager Version 4.3**.
 - Step 7** Click **Voice Applications OS and BIOS Updates**.

The required operating system 2003.1(3b) is listed in the All Releases folder under CCM-OS v.2K folder. The latest Service Release (SR) at the time of this document's creation was SR5. Updated Service Releases are routinely posted, and you should use the latest service release.

- Step 8** Click **2003.1(3b)_SR5** (or latest available SR number).
- Step 9** Click the download link to download the software.

Technical documentation, release notes, and other file information are available to the right.

Caveats

- [Using Bug Toolkit, page 6](#)
- [Open Caveats, page 6](#)
- [Resolved Caveats, page 7](#)

Using Bug Toolkit

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.
- All customer-found bugs.

You can search for problems by using the Cisco Software Bug Toolkit.

Before You Begin

To access Bug Toolkit, you need the following items:

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

Procedure

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- | | |
|---------------|--|
| Step 1 | To access the Bug Toolkit, go to http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs . |
| 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 Bug ID” field, then click Go . |
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For information about how to search for bugs, create saved searches, and create bug groups, click **Help** in the Bug Toolkit page.

Open Caveats

[Table 1](#) describes possible unexpected behavior by Cisco Unified Videoconferencing Manager. Only severity 1, severity 2, and select severity 3 open caveats, as well as all customer-found defects, are provided in this document (highest severity listed first and then in alphanumeric order by identifier).

Unless otherwise noted, these caveats apply to all Cisco Unified Videoconferencing Manager releases. For details about an individual defect, click the identifier to access the online record for that defect in the Bug Toolkit.

Because defect status continually changes, be aware that the tables reflects a snapshot of the defects that were open at the time this report was compiled. For an updated view of open defects, access the Bug Toolkit. For details, see the [“Using Bug Toolkit” section on page 6](#).

Table 1 Open Caveats for Cisco Unified Videoconferencing Manager

Identifier	Severity	Component	Headline
CSCsi31713	3	cuvc-manager	Can't configure access to ECS gk logs.
CSCsj46233	3	cuvc-manager	IOS gatekeeper logging does not work in CUVCM 5.1.0.5.9.
CSCsm20872	3	cuvc-manager	NM: Picture format field empty for HD services.
CSCsm22047	3	cuvc-manager	CUVCM services still need a single naming convention.
CSCsm24829	3	cuvc-manager	Resource manager config tool does not work from Start menu after upgrade
CSCsm44944	3	cuvc-manager	Orphaned meetings on CUVCM when changing single meeting to recurring.
CSCso07527	3	doc	TCP port conflict error when installing CUVC Desktop.
CSCso10619	3	cuvc-desktop	Presentation Grayed out - unable to share.
CSCsh12625	6	cuvc-manager	Endpoint name field can only be one word, no spaces.
CSCsm22707	6	cuvc-manager	Change in Australia DST affects CUVC Manager in 2008.
CSCsm23761	6	cuvc-manager	Change in Argentina DST affects CUVC Manager in 2008.

Resolved Caveats

Table 2 Resolved Caveats for Cisco Unified Videoconferencing Manager

Identifier	Severity	Component	Headline
CSCsj07786	3	cuvc-manager	Admin user can be locked.

Troubleshooting

For detailed troubleshooting procedures, see the *Troubleshooting Guide for Cisco Unified Videoconferencing Manager*.

Documentation Updates

For the latest versions of all Cisco Unified Videoconferencing Manager documentation, go to http://www.cisco.com/en/US/products/ps7088/tsd_products_support_series_home.html.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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>

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