



Release Notes for Cisco Unified Videoconferencing Manager Release 7.1

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These release notes describe all releases of Cisco Unified Videoconferencing Manager Release 7.1.

To view the release notes for all releases 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://tools.cisco.com/support/downloads/pub/Redirect.x?mdfid=280889186>

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

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Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

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Introduction

This document contains information that supplements Cisco Unified Videoconferencing Manager Release 7.1 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 functionality.

Cisco Unified Videoconferencing Manager includes an internal ITU-T H.323 version 5-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 upgrades on the following Cisco Media Convergence Server (MCS) hardware:
 - MCS-7825-H2
 - MCS-7825-I2
 - MCS-7825-H3
 - MCS-7825-I3
 - MCS-7825-H4
 - MCS-7835-H2
 - MCS-7835-I2
 - MCS-7845-H2
 - MCS-7845-I2
- You can install Cisco Unified Videoconferencing Manager on the following Cisco MCS hardware:
 - MCS-7835-I2
 - MCS-7845-I2

For information about minimum system requirements, refer to the *Installation Guide for Cisco Unified Videoconferencing Manager Release 7.1*.

- The Cisco MCS operating system is shipped with the Cisco Unified Videoconferencing Manager software.

- Cisco Unified Videoconferencing Manager Release 7.1 requires the servers listed above to be running the Cisco MCS operating system Windows 2003. This release of the operating system is included in the software shipped to customers purchasing this product for the first time.

Customers upgrading from previous releases of this product can obtain the latest application and operating system media via the Cisco Product Upgrade Tool at the following location:
<http://tools.cisco.com/gct/Upgrade/jsp/index.jsp>.

- The product automatically comes installed with a Resource Manager and Network Manager 30-day 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, ensure that TCP ports 11098, 11099, and 8080 are open. The Cisco MCS operating system comes configured with these ports open.
- 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, sign 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 the remaining MCUs or all other 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.

- Cisco Unified Videoconferencing Manager Release 7.1 supports:
 - Microsoft Internet Explorer version 6.0, 7.0, or 8.0

Compatibility Matrix and Supported Upgrades

This release of Cisco Unified Videoconferencing Manager supports these products:

- Cisco Unified Videoconferencing 3500 Series MCU Release 5.7 with High Definition Continuous Presence capability.
- Cisco Unified Videoconferencing 5000 Series MCU Release 7.1 with High Definition Continuous Presence capability.
- Cisco Unified Videoconferencing 3500 Series Gateway Release 5.6.

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 7.1*
- *Configuration Guide for Cisco Unified Videoconferencing Manager Release 7.1*
- *User Guide for Cisco Unified Videoconferencing Manager Release 7.1*
- *Troubleshooting Guide for Cisco Unified Videoconferencing Manager Release 7.1*

New and Changed Information

- [New Features, page 4](#)
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- [Resource Manager Outlook Client Backward Compatibility, page 5](#)
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New Features

Cisco Unified Videoconferencing Manager Release 7.1 introduces the following features:

- Improved redundant solution—Cisco Unified Videoconferencing Manager supports simple master-slave redundant deployments using its internal database. There is no need to use external deployment components or databases for redundancy.
- Improved backup and restore functionality—The new Cisco Unified Videoconferencing Manager Backup and Restore tool considerably simplifies backup and restore procedures.
- Random access PIN for virtual rooms—Virtual rooms can be configured with a random access PIN providing a higher security level.
- Improved resource management solutions for mixed deployments with the new resource fallback functionality.
- Ability to secure user credentials when working with Microsoft Active Directory.
- Secure LDAP connection—Secure connection is supported with Microsoft Active Directory and IBM Lotus Domino Directory. In order to activate the secure link, the system admin needs to specify in the URL/Domain Tab the following prefix: “ldaps://”.
- Instead of the regular prefix “ldap://” for non secure systems. The common port that will be used is 636 for such secured connection.
- 64-bit server support—Cisco Unified Videoconferencing Manager can be installed on 64-bit servers.
- Cisco Unified Videoconferencing Manager Microsoft Outlook Add-on enhancements:
 - The general usability of the Microsoft Outlook Add-on GUI is improved.
 - The ability to specify the meeting type and the meeting location in a distributed deployment is added.
- Comprehensive support for all Cisco Unified Videoconferencing 5000 MCU new features such as increased capacity, new video layouts, 3G layout and HD switching mode.

- CDR enhancements—CDR contains advanced information such as actual call type, actual bandwidth usage per call, actual video resolution and call security level.
- Windows 7 (32 bit and 62 bit) is supported for the Cisco Unified Videoconferencing Manager user interface and for the Microsoft Outlook Add-in user interface.
- Improved service preservation mechanism—Cisco Unified Videoconferencing Manager allows Cisco Unified Videoconferencing 5000 MCU to accept calls when Cisco Unified Videoconferencing Manager is not connected or if Cisco Unified Videoconferencing Manager is temporarily disconnected.
- GUI-related improvements and enhancements.

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.

General Backward Compatibility

Cisco Unified Videoconferencing Manager Release 7.1 features a new reporting engine, but the reports generated by the new reporting engine do not contain data from previous releases of the product. During installation or upgrade, no CDR or any other data is lost.

To generate a report and use data from a previous release, follow these steps:

-
- Step 1** Under Advanced Settings, check the **Display all meeting records on my Meetings screen** checkbox.
 - Step 2** Go to the My Meeting page and select **History**.
 - Step 3** Specify the dates for the report.
 - Step 4** Generate the report.
-

Resource Manager Outlook Client Backward Compatibility

The Resource Manager Outlook Client has been modified to simplify and improve the overall user experience.

The following functionality is no longer available when upgrading from Cisco Unified Videoconferencing Manager Release 5.5 to Release 7.1:

- Automatically synchronizing with user default terminals.
- Inviting a terminal in dial-in mode from the Resource Manager Outlook Client (supported via virtual rooms).
- Modifying scheduled meetings from the Cisco Unified Videoconferencing Manager Administration user interface.

Resource Manager Outlook Client Requirements

Outlook 2003 clients require that Microsoft Service Pack 3 is installed.

Installation Notes

For step-by-step installation and upgrade instructions, see the *Installation Guide for Cisco Unified Videoconferencing Manager Release 7.1*.



Note

Direct upgrade to Cisco Unified Videoconferencing Manager Release 7.1 is supported only from Cisco Unified Videoconferencing Manager Release 5.7 or 7.0.1.

Follow these recommendations:

- Perform only one upgrade procedure on any single computer.
- Single Sign On (SSO) does not work in Release 7.1 or later if you specify an IP address at **Advanced Settings > LDAP Configuration** but fail to check connectivity to the domain URL using an ICMP echo request (ping).

Solve this issue by adding this line to the Windows Host file on the Cisco Unified Videoconferencing Manager server:

```
Domain_IP_Address Your_DC.Domain.com
```

- We strongly recommend that you back up the database and configuration files before performing an upgrade procedure. For more information, see the *Installation Guide for Cisco Unified Videoconferencing Manager* for the release currently running.
- Java Runtime Environment 6.0 or higher must be installed on the client to access the network component.
- To view the Cisco Unified Videoconferencing Manager reports in a language other than English, install the related fonts package on the Cisco MCS operating system.
- After you back up a Cisco Unified Videoconferencing Manager database (either SQL or MySQL), the restore procedure for the saved database configuration is available only for the same release of Cisco Unified Videoconferencing Manager from which the database was saved.

For example, if you back up the database of Cisco Unified Videoconferencing Manager Release 5.7, you can restore the saved database configuration to Cisco Unified Videoconferencing Manager Release 5.7 only.

For existing Cisco Unified Videoconferencing Manager installations, run the Cisco Unified Videoconferencing Manager installer after backing up the database.

Uninstalling previous releases such as Release 5.7 and Release 7.0.1 and reinstalling Release 7.1 is not recommended.

- After installation or upgrade is complete you may need to convert recordings made using Cisco Unified Videoconferencing Desktop to enable them for viewing using Cisco Unified Videoconferencing Desktop Release 7.1. For operational information about converting recordings, refer to the *Installation Guide for Cisco Unified Videoconferencing Manager Release 7.1*.

Upgrade Information

After upgrading from Cisco Unified Videoconferencing Manager Release 5.7 to Release 7.1, the following fields must be set in the Cisco Unified Videoconferencing Manager.

From **Cisco Unified Videoconferencing Manager > Resource Management > Cisco Unified Videoconferencing Desktop**, enter these fields:

- **Management IP Address:** Enter the Cisco Unified Videoconferencing Desktop IP Address. In version 7.1, this field is required because Cisco Unified Videoconferencing Manager connects to Cisco Unified Videoconferencing Desktop.
- **Maximum Capacity:** Enter the maximum number of ports on the Cisco Unified Videoconferencing Desktop.



Note

This field only affects reporting and statistics. Calls will not be rejected based on this number.

- **Secure Connection using TLS:** If this field is checked, then Cisco Unified Videoconferencing Manager uses TLS to connect to Cisco Unified Videoconferencing Desktop. In this case, on the **Cisco Unified Videoconferencing Desktop Management > Deployment > Cisco Unified Videoconferencing Manager**, the "Secure connection using TLS" field must also be checked, otherwise Cisco Unified Videoconferencing Manager cannot connect to Cisco Unified Videoconferencing Desktop.

Important Notes

Cisco Unified Videoconferencing Manager Failover

In a failover situation, the following information applies:



Note

"Master" and "Slave" terminology in the following paragraphs refers to a "primary" and "secondary" relationship. "Master" and "Slave" terminology typically implies a relationship where if the "Master" server fails, then the "Slave" server does not take over. However, in a failover situation, this is not the behavior.

- The Cisco SipServer is a B2BUA that is only active on the "Master" server. On the "Slave" server this service will not be running and should not be started.
- The Cisco SipServer handles SIP messages. If this service isn't running, then even if the "Master" server is "up", then SIP calls will not work.
- Failover relies on IP transport, so in this implementation it is limited to the same network segment.
- If the "Master" server fails, active calls are disconnected and the expectation is that users need to call back in or have the Cisco Unified Videoconferencing Manager initiate a call from the MCU to the endpoints.
- Entries in the roster aren't deleted. If the "Slave" server takes over, it will just display the terminals that are disconnected.
- The Probe IP address should be the IP address of routing interface for the network segment.

Special Characters

For Cisco Unified Videoconferencing Manager (CUVCM) Release 7.1 and earlier, only alphanumeric characters are to be used in all CUVCM data entry fields, including any data entry fields in Microsoft Exchange or Active Directory Server that would be populated in CUVCM. No special characters are to be used.

Caveats

- [Using Bug Toolkit, page 8](#)
- [Open Caveats, page 9](#)
- [Resolved Caveats, page 9](#)

Using Bug Toolkit

Known problems (defects) 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 defects.

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

-
- | | |
|---------------|--|
| Step 1 | To access the Bug Toolkit, go to http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs . |
| Step 2 | Sign in with your Cisco.com user ID and password. |
| Step 3 | To look for information about a specific problem, enter the defect ID number in the “Search for Bug ID” field, then click Go . |
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For information about how to search for defects, create saved searches, and create defect groups, click **Help** in the Bug Toolkit page.

Open Caveats

Table 1 Open Caveats for Cisco Unified Videoconferencing Manager Release 7.1

Identifier	Severity	Component	Headline
CSCtf04460	4	CUVC	Webcast has lip sync issues over WIRELESS.
CSCte55578	4	CUVC	Resource Manager: Inconsistency in port units.
CSCte65310	4	CUVC	CS capture period in minutes doesn't work.

Resolved Caveats

Table 2 Resolved Caveats for Cisco Unified Videoconferencing Manager Release 7.1

Identifier	Severity	Component	Headline
CSCte87753	4	CUVC	After enabling HTTPS, admin GUI cannot be opened from the Cisco Unified Videoconferencing Desktop server.
CSCte98926	4	CUVC	Cisco Unified Videoconferencing Desktop Admin - Error when you press record twice for an invalid meeting.
CSCte65353	3	CUVC	Can't upload mtg types. Two errors are received in a failover environment.
CSCte65324	3	CUVC	ECS log and MC log contain only text "Not Found!"
CSCte65220	2	CUVC	SIP calls fail to Cisco Unified Videoconferencing Manager.
CSCte67571	3	CUVC	Cisco Unified Videoconferencing Manager Backup and Restore Tool does not run from Start Menu.
CSCte65303	3	CUVC	Roster isn't cleaned up after simple failover.

Troubleshooting

For detailed troubleshooting procedures, see the *Troubleshooting Guide for Cisco Unified Videoconferencing Manager Release 7.1*.

Documentation Updates

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

This information was omitted from the “Managing Meetings in Resource Manager” chapter of the *User Guide for Cisco Unified Videoconferencing Manager*:

By default, Cisco Unified Videoconferencing Manager Release 7.1 displays meeting history only for the last month. To see earlier meetings, set a date in the From field and select **Search**.

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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