



Cisco Meeting Management

Cisco Meeting Management 3.6

(Build 3.6.0.21)

Release Notes

January 12, 2023

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Document Revision History

Table 1: Document revision history

Date	Description
2022-08-23	Document published

1 Introduction

Cisco Meeting Management is a management tool for Cisco's on-premises video meeting platform, Cisco Meeting Server. You can use the tool to monitor and manage meetings that are running on the platform, and it also provides information about which Cisco licenses you are using.

Meeting Management, with its current feature set, is included within existing Cisco Meeting Server licensing.

If you combine Meeting Management with Cisco TMS (TelePresence Management Suite), you can both schedule and manage meetings that are run on your Meeting Server Call Bridges.

These release notes describe new features, improvements, and changes to Cisco Meeting Management.

1.1 The software

Meeting Management is a virtualized appliance. Specifications of the VM (virtual machine) depend on how many simultaneous actions your Meeting Management has to perform or observe. See the *Installation and Configuration Guide* for specifications and requirements, including our estimates on sizing related to the number of Call Bridges you are managing.

For security, there is no user access to configuring via the console after first run. Except for the installation process, all use of Meeting Management is via a browser interface.

1.2 Upgrading from previous version

Before you upgrade:

- Please make sure you have an up-to-date backup of your Meeting Management.
See the *Installation and Configuration Guide* for instructions.
- Check that your deployment meets the requirements of the version you are upgrading to.
- Plan your upgrade so no important monitored meetings are taking place while you are performing the upgrade.
- Notify other users before you start upgrading.

Note: All users, both video operators and administrators, will be signed out without warning, and data for ongoing and recent meetings will be lost when you upgrade.

- Make sure that you are ready to upgrade all connected Meeting Servers immediately after you upgrade Meeting Management. To avoid any issues caused by an older version of Meeting Management, we strongly recommend that you first upgrade Meeting Management, then upgrade the connected Meeting Servers.

To upgrade Meeting Management:

1. Sign in to the download area of cisco.com
2. Download the upgrade image file and save it in a convenient location.
3. Sign in to Meeting Management.
4. Go to the **Settings** page, **Upgrade** tab.
5. Click **Upgrade**.
6. Click **Upload upgrade file**.
7. Select the upgrade image file and click **Open**.
8. Check that the checksums are the same as the ones listed [below](#), then **Confirm**.
If the checksums do not match, do not install the upgrade, as the file may have been corrupted.
9. **Restart** Meeting Management to complete the upgrade.

1.3 Downgrading to previous version

If you need to downgrade to a previous version:

- Use the regular upgrade procedure and choose the image file for the appropriate version as the upgrade file.
- When using Reservation mode(SLR/PLR), ensure that you deregister from the reservation and then downgrade to a previous version. For more information on deregistering license reservation refer to [Returning reserved licenses](#)

1.4 Checksums for upgrade and installation files

Before you install or upgrade Meeting Management you should always check that the files have not been corrupted. See file names and checksums for this release below.

Upgrade image:

- Name of download file: `Cisco_Meeting_Management_3_6_1.zip`
- Name of upgrade image: `Cisco_Meeting_Management_3_6_1.img`
- MD5 checksum for upgrade image: `5051c27ffb8db68c5cc96cabd4b1059e`
- SHA256 checksum for upgrade image:
`b5ae566a55e8443be3915b08d5d1845893ca0f3ea0a2112f191163372a5f3b84`
- SHA512 checksum for upgrade image:
`f490761c3ebf538aff7e800c819d39634e3e6ec8fcd25e3523ab32ba135c8608bd2f86280
83c5d84ab9c0a249cfd54cc89d6c921c838bb8325bf27df1951b892`

OVA for new installation on vSphere 6.0 or below:

- File name: `Cisco_Meeting_Management_3_6_1_vSphere-6_0.ova`
- MD5 checksum for image: `db4eea5893f46daf29693f3ea544f8b9`
- SHA256 checksum for image:
`a03142c18677917ebfa5ad6617d8f11a005c784e6fe546fe585397259fdc1dc3`
- SHA512 checksum for image:
`94076c3fa018ad2ed6dd7d143a2720eacab9bd8abc756506325f8dbb3b545c39e0ee46c8a
2fc26bd6687923bba0dade9e44fe120e1ae416b562cb5bb6fd11cbd`

OVA for new installation on vSphere 6.5 or later:

- File name: `Cisco_Meeting_Management_3_6_1_vSphere-6_5.ova`
- MD5 checksum for image: `046f311cf3d20a6bff5e0429b4eb5da6`
- SHA256 checksum for image:
`ad2fc2871f0a4e9a4e1c6a483acf7128c9624eea57280631e4ee97eaa92e1e04`
- SHA512 checksum for image:
`44cdb4c935d284a090d6275cece45305a894d7e144f18c2ecd5157f7ce9db198898bf73a3
8dae13afbfbabc8eb320737e1030137f0211ec08da36863c5ab37ef7`

1.5 Smart Licensing

From the 3.4 release onwards, Smart licensing is mandatory for Meeting Management. The support for traditional licensing has been deprecated from 3.4 and later releases. Customers are advised to move to Smart licensing.

For more information on Smart Licensing and upgrading, see [Cisco Meeting Management User Guide for Administrators](#).

Note: Cisco Smart Licensing Cloud Certificates will be updated on January 15, 2023. Customers using Direct Mode for licensing between Meeting Management and Smart Licensing Portal should upgrade to version 3.6 to continue to use direct mode. If upgrade to version 3.6 is not possible, customers can opt for SLR/PLR mode or on-premise satellite mode. The certificate update will not impact deployments that are using SLR/PLR or on-premise satellite with Meeting Management (3.5 or below).

If Meeting Management is not upgraded in time, Meeting Server will continue to work, but the license enforcement will be initiated. Meeting Management will be on a 90 day grace period, after which non-compliance notifications will be flashed on the participant's screen and audio prompts.

1.6 End of software maintenance for earlier versions

We support two full versions of Meeting Management at a time. This means that we give notice of end of maintenance and support for any given release when the subsequent two full versions have been released. For more information, see [End of maintenance and support policy for Cisco Meeting Server, Cisco Meeting App and Cisco Meeting Management software](#).

1.6.1 End of software maintenance

Table 2: Timeline for End of Software Maintenance for versions of Meeting Management

Cisco Meeting Management version	End of Software Maintenance notice period
Cisco Meeting Management version 3.3.x	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes for Cisco Meeting Management version 3.3.x is August 22, 2022.
Cisco Meeting Management version 3.4.x	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes for Cisco Meeting Management version 3.4.x is December 17, 2022.

1.7 Meeting Management and connected Meeting Servers must run the same software version

Meeting Management and connected Meeting Servers must run the same software version.

Before 3.0, every version of Meeting Management supported the same Meeting Server as well as the two previous ones. From 3.0, each Meeting Management version only supports Meeting Servers running the same version.

Note: To avoid any issues, we strongly recommend that you always upgrade Meeting Management before you upgrade the connected Meeting Servers. We have edited [Upgrading from previous version](#) to reflect this change.

2 New features and changes

In this section you can see what is new in 3.6.

2.1 Apply customized layouts using Meeting Management

In version 3.6, Meeting Management supports customizable layouts. This allows video operators and administrators to apply a customized screen layout that suit their specific needs for the ongoing meetings and/or the participants in the meeting. These layouts are defined in the Meeting Server and hence Meeting Management does not supports adding, deleting, or editing custom layouts. The custom layouts included in the Meeting Server will be visible under **Custom layouts** in **Change screen layout** page in the Meeting Management.

Note: Customizable layouts is a licensed feature. You need to purchase the necessary license to use this feature.


Meeting Management supports a maximum of 20 custom layouts. Meeting Management displays five custom layouts at a time with a link to view more layouts. Customizable layouts are not supported on triple screen endpoints.

In case there are no custom layouts defined in Meeting Server, Meeting Management will display only the standard layouts.

Note: Custom layouts will not be available if pane placement is enabled for the meeting.

2.2 Ability to capture pcap files in Meeting Management

From version 3.6, administrators can capture packets continuously to avoid delays while processing pcaps for trouble shooting networking issues in Meeting Management.

Administrators can capture packets on the **CMM PCAP** page in the **CMM Logs** tab by clicking **Start PCAP** button. The packets are captured in .zip file and can be downloaded using  the download button available against the captured file. Administrators also have an option to delete the captured files. Once initiated, the packets are captured continuously until stopped by administrator using the **Stop PCAP** button.

Packets are captured in multiple files, on rotation. When a pcap file size exceeds 500MB, the packets are captured in a new file. This allows packet to be captured perpetually until the administrator stops. Meeting Management saves upto four pcap files with a total maximum file size limit of 2GB at any given time. Once the fourth pcap file size exceeds 500MB, the oldest pcap file is deleted.

2.3 Accessibility improvements

In version 3.6 Meeting Management introduces the following accessibility improvements:

- The following elements in the Meeting Management now have meaningful description to help participants who use screen reader:
 - Meeting Management UI options such as **Clear all** button, **Close** button, **Times** link, **Back** button, **Pin** button and **Edit** button now have appropriate descriptive labels.
 - the dialog boxes and toggle buttons in **Blast dial configuration**, **User Profile** and **Settings** pages.
 - meeting search criteria drop-down list on the **Meetings** page.
 - Meetings page options such as **Scheduled** or **Unscheduled**, **Active**, **Upcoming** or **Ended**.
- All the options on the Meeting Management **Licenses** page are now accessible through keyboard including the graphs.
- On the **Overview** page, user can now use the close button (**X**) to close the **Notifications** dialog box using the keyboard.
- The following elements in the Meeting Management are now announced appropriately by the screen reader:
 - the Meeting Management UI options such as **Profile** menu button, Blast dial configuration tab, **Cloud connector** dialog box, and **Backup and restore** dialog box.
 - all the options on the left pane of the **Main** page.
 - all the notification pop-ups and search results.

2.4 Online help

The online help has been updated according to changes that have been implemented for this trial release. Find it here:

<https://meeting-infohub.cisco.com/olh/meeting-management/3-6/>

3 Bug search tool and resolved and open issues

You can now use the Cisco Bug Search Tool to find information on open and resolved issues for the Cisco Meeting Server, including descriptions of the problems and available workarounds. The identifiers listed in these release notes will take you directly to a description of each issue.

3.1 Using the bug search tool

1. Using a web browser, go to the [Bug Search Tool](https://bst.cloudapps.cisco.com/bugsearch/). (<https://bst.cloudapps.cisco.com/bugsearch/>)
2. Sign in with a cisco.com registered username and password.

To look for information about a specific problem mentioned in this document:

1. Enter the bug identifier in the **Search** field and click **Search**.

To look for information when you do not know the identifier:

1. Type the product name in the **Search** field and click **Search**
or,
in the **Product** field select **Series/Model** and start typing **Cisco Meeting Management**, then in the **Releases** field select **Fixed in these Releases** and type the releases to search for, for example **3.5**.
2. From the list of bugs that appears, filter the list using the **Modified Date**, **Status**, **Severity**, **Rating** drop down lists.

The Bug Search Tool help pages have further information on using the Bug Search Tool.

4 Resolved Issues

4.1 Resolved in 3.6 (Build 3.6.0.21)

Reference	Issue
CSCwb73167	When sending DTMF to add participants to a meeting, character # is accepted only in US/India keyboard and not in any other keyboard layout.

5 Open issues

The following are known issues in this release. If you require more details on any of these please contact Support, <https://www.cisco.com/support>.

Reference	Issue
CSCwa37575	License registration fails when the generated SLR code has more than one customization license. After generating SLR code which has more than one customization license, uploading the authorization code in Meeting Management displays an error message There is some issue with Authentication file . Refreshing the page shows status of Meeting Management as registered, but in Licenses tab it still displays status as Unlicensed .
CSCwa44321	When collecting logs for servers on the CMS Log Bundle tab, if administrator searches the servers by their name and selects multiple servers, only a single server stands selected.
CSCvz30358	In Meeting Management, while using Installation Assistant to add or configure a new Meeting Server, user can click the disabled Next button in several panels to move to the next panel without configuring the mandatory parameters.
CSCvt64327	If an administrator uses special characters in a template name, then these may appear differently in status messages, displaying escape characters instead.
CSCvt64329	For meetings hosted on Meeting Server 2.9 and later the lock button looks like it is enabled for gateway calls, although it has no effect. The Meeting Server ignores the lock status. Workaround: There is no workaround but we do not expect that participants would want to lock gateway calls.
CSCvt64330	If you are using Smart Licensing and move a Meeting Management deployment to a different virtual account, then the information will not be updated in its user interface. Workaround: Manually renew registration now.
CSCvt00011	If the connection to one of the Call Bridges in a cluster is lost, then Meeting Management may not receive details about the space a meeting takes place in, and streaming may not work.
CSCvr87872	If CDRs are lost, Meeting Management may not reflect changes for participants who need activation. For instance, Meeting Management may keep displaying participants in the lobby when they have already been activated and moved to the meeting.
CSCvq73184	The user interface does not indicate that you cannot turn pane placement off if it is turned on for the space where the meeting takes place.

Note: Due to macOS updates, some certificates will no longer work for macOS users using Chrome. You should check that your certificate complies with the requirement "TLS server certificates must contain an ExtendedKeyUsage (EKU) extension containing the id-kp-serverAuth OID."

6 Interoperability

Interoperability test results for this product are posted to <http://www.cisco.com/go/tp-interop>, where you can also find interoperability test results for other Cisco conferencing products.

6.1 Mute/unmute and layout behaviors

For more information on endpoint mute/unmute and layout control behaviors when used with Meeting Server and managed by Meeting Management, see:

- [How will my endpoint mute/unmute controls behave when used with Cisco Meeting Server and managed by Cisco Meeting Management?](#)
- [How will my endpoint layout controls behave when used with Cisco Meeting Server and managed by Cisco Meeting Management?](#)

7 Product documentation

The following site contains documents covering installation, initial configuration, and operation of the product:

<https://www.cisco.com/c/en/us/support/conferencing/meeting-management/tsd-products-support-series-home.html>

7.1 Related documentation

Documentation for Cisco Meeting Server can be found at:

<https://www.cisco.com/c/en/us/support/conferencing/meeting-server/tsd-products-support-series-home.html>

Documentation for Cisco Meeting App can be found at:

<https://www.cisco.com/c/en/us/support/conferencing/cisco-meeting-app/tsd-products-support-series-home.html>

Accessibility Notice

Cisco is committed to designing and delivering accessible products and technologies.

The Voluntary Product Accessibility Template (VPAT) for Cisco Master Project is available here:

http://www.cisco.com/web/about/responsibility/accessibility/legal_regulatory/vpats.html#telepresence

You can find more information about accessibility here:

www.cisco.com/web/about/responsibility/accessibility/index.html

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