



Cisco Meeting Server web app

Important Information

Version 3.9.1

April 29, 2024

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Revision history

Listed below are the recent changes done to the document:

Table 1:Summary of changes

Date of revision	Change
April 29, 2024	Maintenance Release 3.9.1
March 5, 2024	First release of 3.9

1 Introduction

Cisco Meeting Server web app (web app) is a browser-based client for Cisco Meeting Server that lets users join meetings (audio and video) and share what is on their screen.

This document describe the new features, changes, resolved issues, and open issues in this release of the Cisco Meeting Server web app. For more information about Cisco Meeting Server, refer to [Cisco Meeting Server Release Notes](#).

1.1 Important note for Expressway users

Cisco Meeting Server web app version 3.8 and later is supported with Expressway version X14.3.

Note: Refer to the Cisco Meeting Server Release Notes for more information about call capacities.

2 What's new in Cisco Meeting Server web app

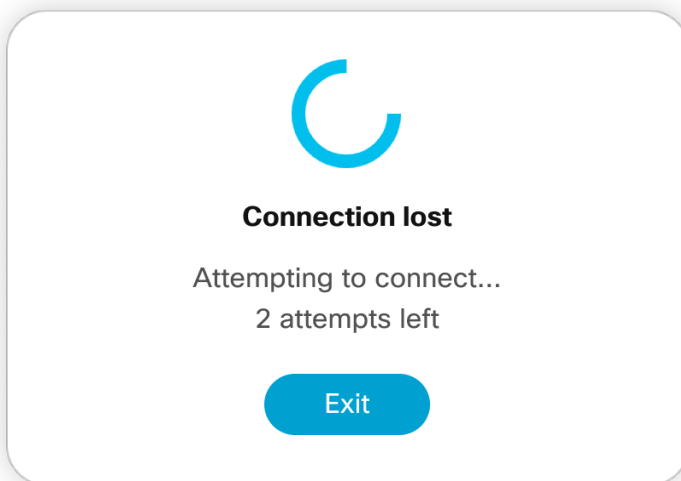
This version of the web app software introduces the following new features and changes:

- [Improved user experience during connectivity issues](#)
- [Choose speaker output](#)
- [Retain preset video layout while viewing presentation in a separate window](#)
- [Accessibility improvements](#)

2.1 Improved user experience during connectivity issues

In previous versions of web app, a participant would be abruptly disconnected from a meeting when there were issues with network connectivity. Web app version 3.9 shows relevant onscreen messages and makes three tries to reconnect the participant to the meeting amid such connectivity issues.



Note: This feature is supported for web app participants only.







If the attempt to connect fails or if the participant chooses to exit while waiting, they will be directed to the 'Join meeting' page. To terminate the connection and proceed to the 'Join meeting' page, select **Exit** from the notification pop-up.

Note: When the participant rejoins, the chats, meeting notes, and closed captions that were shared earlier during the meeting, will not be available.

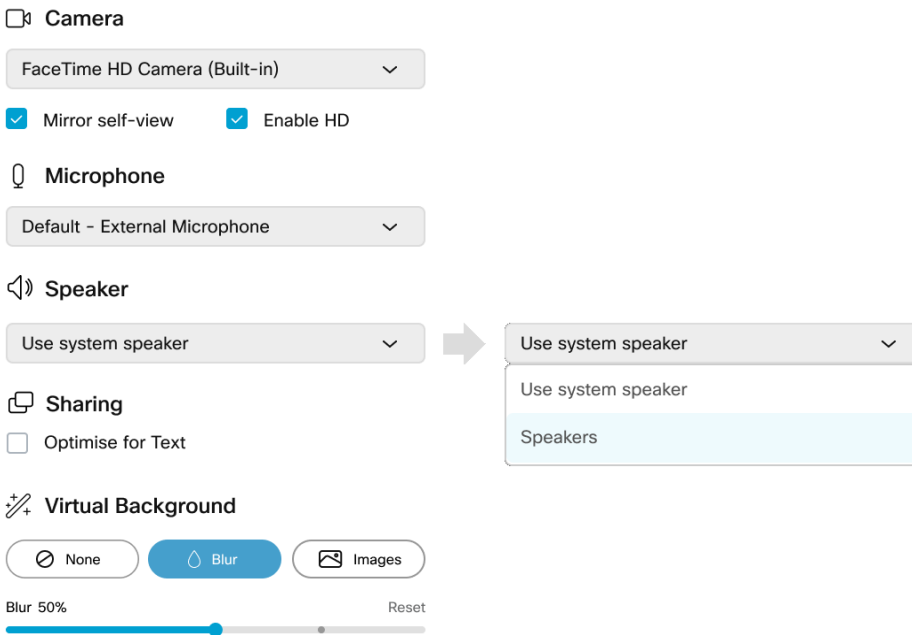
2.2 Choose speaker output

From version 3.9, web app participants have the option to choose audio output via device speaker or externally connected speakers. In  **Settings**, a new  **Speaker** option shows the list of speakers connected to the participant's device.

Participants can change the audio output before or after joining a web app meeting:

- In meeting lobby, select  **Settings** >  **Speaker** > select your speakers from the drop-down list.
- In a web app meeting, select  **Settings** >  **Speaker** > select your speakers from the drop-down list.

Note: This feature is not supported on Safari browser.



Note: If the speakers are connected during an ongoing meeting, participants may experience a delay in connecting to the external speakers which may result in a loss of audio for few seconds. To avoid speaker connectivity issues, it is recommended that the speakers be connected to the device prior to joining the meeting.

2.3 Retain preset video layout while viewing presentation in a separate window

From version 3.9, web app retains the preset video layout while viewing presentations in a separate window. In previous releases, when the presentation is viewed in a separate window, the video layout is reset to 'All Equal' view irrespective of the video layout that is applied during the meeting. From this release, when a web app participant views the presentation in a separate window, the preset video layout is retained. This is useful in a dual screen setup, where the screen share is popped out in a separate monitor while the screen where web app is active (the video layout) is on another monitor.

2.4 Accessibility improvements

In version 3.9, web app supports the following accessibility improvements:

- Use **Esc** key to dismiss dialog boxes or menus and shift focus to previously active focusable element.
- Use up and down arrow keys on keyboard to navigate through list of members in **Add Members** search bar and **Add participant** panel.
- The element which is in focus is now easier to find with help of prominent outline around the focusable element.
- Screen reader announces titles, status, and collapsed/expanded information of the side panel buttons like Participants, Chat, Meeting Notes, etc. Screen reader does not announce irrelevant information or details when participant is not interacting with mouse or keyboard.

3 Using the web app

Web app allows you to join meetings with audio and video in a space. You can also share a screen or presentation in your meeting.

You can add or remove members to a space. You can also invite people both inside and outside of your organization to meetings.

Note: A space is a persistent virtual meeting room that a group of users can use at any time for a meeting. For more details refer to the Online Help or User Guide for web app.

You can use the web app on desktop, mobile or tablet from any of the supported browsers . See [list of browsers](#) for details.

Refer to the online help or User Guide for Cisco Meeting Serverweb app for detailed instructions on how to use the web app.

You can choose from the following options based on what you want to do:

- Sign in to the web app - You can sign in to web app, join meetings, view a list of all spaces you are a member of and view joining methods and copy the invitation details to invite someone to your meeting. You can create a space using pre-configured templates, edit or delete a space if you have appropriate permissions.
- Join a meeting - Use this option if you have been invited to a meeting. The invitation should include some details such as a meeting ID, passcode (optional), or a video address (URI).
- Schedule a meeting - To schedule a meeting, click Schedule meeting on the home page. Type a name and the select the space you want to use for the meeting. The meeting can be scheduled for one instance or to recur daily, weekly or monthly. You can add all the members of the selected space or add selected participants and configure their roles for the meeting.

4 Browser versions tested

Table 1 lists the browsers tested for web app at the time of release of a specific version of web app.

We always recommend using the latest version of browsers.

Note: Please note certain browsers such as Google Chrome and Mozilla Firefox automatically update to the latest version. The following table shows the version of browsers tested at the time of the official release of a version of Cisco Meeting Server. This means we have not tested this particular release with previous versions of those browsers.

We endeavor to test the latest maintenance release of each major release of Cisco Meeting Server against the latest public versions of all the browsers to keep them compatible and if we detect any issues we will endeavor to fix them as soon as possible.

Table 2: Cisco Meeting Server web app tested on browsers and versions

Browsers	Versions
Google Chrome (Windows, macOS, and Android)	121.0.6167.161
Mozilla Firefox (Windows)	122.0.1 (64-bit)
Chromium-based Microsoft Edge (Windows)	121.0.2277.106
Apple Safari for macOS	17.3.1(19617.2.4.11.12)
Apple Safari for iOS	17.3.1

Note: Web app is not supported on the legacy Microsoft Edge.

Note: Web app is not supported on virtual machines (VMs) running these supported browsers.

Important note for users using iOS 13 or later and macOS 10.15 or later

In order for users to be able to use web app on Safari on iOS 13 or later and macOS 10.15 or later, webbridge3 needs to be properly configured to comply with requirements stated here : <https://support.apple.com/en-us/HT210176>.

Users will not be able to open the app on Safari if these requirements are not met.

Important note about screen sharing on Chrome on macOS 10.15 or later

From macOS version 10.15 (Catalina) or later, to share the screen or application from the app running on Chrome, users need to enable permissions. Follow these steps:

1. From the Apple menu, open **System Preferences**.
2. Click on **Security & Privacy**.
3. Click on the **Privacy** tab at the top.
4. In the column on the left hand side, scroll down and click on **Screen Recording**.
5. Make sure Chrome is selected. Restart Chrome.

Important note about accessibility settings in Safari browsers

By default, Safari browsers do not allow navigation of UI elements via the 'Tab' key but via Option + Tab instead. This can be configured in Safari's Preferences as follows:

From your Safari browser menu, go to **Safari > Preferences > Advanced > Accessibility > Press Tab to highlight each item on a web page** to change your preference.

Important note about group policy settings in Microsoft Edge

If `WebRtcLocalhostIpHandling - Restrict exposure of local IP address by WebRTC` group policy is applied to Microsoft Edge browser, make sure to only use one of the following policy options:

- `AllowAllInterfaces` (default) or
- `AllowPublicAndPrivateInterfaces` (default_public_and_private_interfaces)

Any other option could cause connection issues.

5 Bug search tool

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.

1. Using a web browser, go to the [Bug Search Tool](#).
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**.

5.1 Resolved issues

The table below lists issues seen in previous versions that are fixed in 3.9.

Table 3:List of resolved issues in 3.9

Cisco Identifier	Summary
CSCwh48463	When participant enters " (double quotation mark) in the survey's title/question/options and selects Save , the survey is not created, and then onwards, the participant cannot create any new surveys.
CSCwh77260	Even if the File Sharing and Surveys features are disabled in the Meeting Server, an error message is displayed during the web app meeting.

5.2 Open issues

Table 4:List of open issues in 3.9

Cisco Identifier	Summary
CSCwi05238	Web app briefly shows an error message 'Sign in failed' when participant is logging in.
CSCwj08910	When two participants use two separate/different Meeting Servers to join a distributed call, one participant cannot participate in the survey created by the other participant.
CSCwc76769	In Google Chrome browser, when a participant applies blur to their video and leaves the web app meeting, the camera is still on and does not close.
CSCwa17363	In web app, the participants who are moved to lobby from Meeting Management can see still the list of participants in the meeting even if they are waiting in the lobby.
CSCvz01888	If the role of a member was changed in the space before the meeting, a role change notification appears when the member joins the meeting.

Cisco Identifier	Summary
CSCvu98805	<p>Whilst in a meeting from web app on Firefox browser, if you open the presentation received in a second window, occasionally the content becomes non-responsive if the presenter stops and restarts the sharing or if another participant in the meeting starts sharing content at the same time. This is an issue with Firefox browser, for details see https://bugzilla.mozilla.org/show_bug.cgi?id=1652042.</p> <p>Work around: Maximize the second window or alternatively, close the presentation window and reopen it.</p>
CSCvt71069	If the video layout 'speaker large' is selected, window does not re size correctly.

6 Product documentation

The end-user guides such as User Guide, and visual 'How to' guides for web app are available in the following location:

<https://www.cisco.com/c/en/us/support/conferencing/cisco-meeting-app/products-user-guide-list.html>

Appendix A: Apps feature comparison

Table 5: Feature comparison for Cisco Meeting Server web app

Feature	Web app 3.9	Web app 3.8	Web app 3.7	Web app 3.6	Web app 3.5	Web app 3.4	Web app 3.3
General							
Cisco Meeting Server version	3.9	3.8	3.7	3.6	3.5	3.4	3.3
Managing access for members	Yes	Yes	Yes	Yes	Yes	Yes	Yes
User-level permissions (e.g. can create space)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Support for localization	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Branding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Online help	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Encryption	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Single sign on	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Arabic language support	Yes	Yes	Yes	Yes	No	No	No
Czech language support	Yes	Yes	No	No	No	No	No
Join using video address (URI)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Notifications							
Connection resiliency (Auto reconnect in bad network)	Yes	No	No	No	No	No	No
Schedule a meeting							
View list of scheduled meeting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Schedule a meeting	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Feature	Web app 3.9	Web app 3.8	Web app 3.7	Web app 3.6	Web app 3.5	Web app 3.4	Web app 3.3
Modify a scheduled meeting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Delete a scheduled meeting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Space Management							
Space member roles	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Create / edit space	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Activate newly provisioned spaces	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Add / edit / delete space members	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Directory look up for Add Members feature	Yes	Yes	Yes	Yes	Yes	Yes	Yes
View information for space	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Send invitation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio and video							
Audio	OPUS	OPUS	OPUS	OPUS	OPUS	OPUS	OPUS
Video	H.264, VP8	H.264, VP8	H.264, VP8	H.264, VP8	H.264, VP8	H.264, VP8	H.264, VP8
Mic/camera configuration controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speaker configuration controls	Yes	No	No	No	No	No	No
Blur your background	Yes	Yes	Yes	Yes	Yes	Yes	No
Virtual background	Yes	Yes	Yes	Yes	No	No	No
Far end camera control	Yes	Yes	Yes	Yes	Yes	Yes	No

Feature	Web app 3.9	Web app 3.8	Web app 3.7	Web app 3.6	Web app 3.5	Web app 3.4	Web app 3.3
Auto prioritization of audio and video	Yes	Yes	Yes	No	No	No	No
Screen share							
Content magnification	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reset content zoom	Yes	Yes	Yes	Yes	Yes	Yes	Yes
View screen share	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Desktop sharing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Application sharing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
View screen share in a new window	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Re-size the video pane	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Share content audio	Yes	Yes	Yes	Yes	Yes	No	No
Optimize for Text (Share screen in 1080p)	Yes	Yes	No	No	No	No	No
Chat							
Chat (Broadcast to all participants in the meeting)	Yes, in meeting only	Yes, in meeting only	Yes, in meeting only	Yes, in meeting only	Yes, in meeting only	Yes, in meeting only	Yes, in meeting only
Chat (Private)	Yes, in meeting only	Yes, in meeting only	No	No	No	No	No
In-call							
On-screen messages	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full-screen view	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Layout control	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Feature	Web app 3.9	Web app 3.8	Web app 3.7	Web app 3.6	Web app 3.5	Web app 3.4	Web app 3.3
Name labels	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recording	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Streaming	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Active speaker label (Beta support)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Self-view	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pin self-view	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mirror self-view	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Move self-view	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HD/SD selection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pin presentation preview	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Move presentation preview	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Meeting notes	Yes	Yes	Yes	Yes	Yes	Yes	No
Closed captioning	Yes	Yes	Yes	Yes	Yes	Yes	No
Share files	Yes	Yes	Yes	Yes	Yes	No	No
Network health indicator and media statistics	Yes	Yes	Yes	Yes	No	No	No
Content share metrics	Yes	Yes	Yes	No	No	No	No
Logo support	Yes	Yes	Yes	No	No	No	No
Surveys	Yes	Yes	No	No	No	No	No
Participants							
Move participant	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Add participant	Yes (SIP only)	Yes (SIP only)	Yes (SIP only)	Yes (SIP only)	Yes (SIP only)	Yes (SIP only)	Yes (SIP only)
Remove participants	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Feature	Web app 3.9	Web app 3.8	Web app 3.7	Web app 3.6	Web app 3.5	Web app 3.4	Web app 3.3
Admit participants to a locked meeting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Change a participant's role	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Make participant important	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mute/Unmute other participants' audio and video individually	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mute/Unmute all participants' audio and video	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Send diagnostics during a meeting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Send invite	Yes	Yes	Yes	Yes	Yes	Yes	Yes
View call info	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mic / Camera controls during call	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Raise hand	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Move call							
Use this device for screen share and call management only (while another device is used for audio and video)	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Note: You cannot move a call to an external endpoint or move the audio to a regular phone during a call.

Accessibility Notice

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

The Voluntary Product Accessibility Template (VPAT) for Cisco Meeting Server web app 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

Accessibility Support Features

Keyboard navigation

You can use your keyboard to navigate through web app.

- Use **Tab** to navigate between areas in web app. You'll know an area is in focus when it's surrounded by an outline.
Use **Shift + Tab** to move to the previously focused area.
- Use the **Spacebar** or **Enter** key to select items.
- Use arrow keys to scroll through lists or drop-down menus.
- Use **Esc** to close or dismiss opened screens/menus.

Screen reader support

You can use the JAWS screen reader version 18 or later.

The screen reader announces focused areas/buttons, relevant information like notifications, warnings, status messages appearing on the screen, and the actions you can perform.

For example: When you focus on **Add participant** area in a web app meeting, the screen reader will announce "Add participant" and to enter a participant's SIP address.

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- Consult the dealer or an experienced radio/TV technician for help.

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