



Cisco Meeting Server web app

Important information

Version 3.2

April 22, 2021

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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
22 April 2021	Minor edits
15 April 2021	Updated screenshots for minor corrections. Updated section 2.5 Managing access methods for members with Visibility options. Added a new section, 2.9 Dial in details on the cospace object.
07 April 2021	First release of 3.2

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.

Cisco Meeting App for WebRTC is removed in Cisco Meeting Server version 3.0 and later. You need to use Cisco Meeting Server web app instead of Cisco Meeting App for WebRTC. For more information, refer to Release Notes for Cisco Meeting Server.

Note: Cisco Meeting App for desktop, iOS and WebRTC are no longer supported in Cisco Meeting Server since version 3.0.

This document describe the new features, changes, resolved issues, and open issues in 3.2 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 3.0 and later is supported with Expressway version X12.6. Previous versions of Expressway are not supported.

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 web app offers the following features:

2.1 Version number removed from login page

As a security enhancement, the web app version number is not displayed on the login page.

2.2 In-call chat

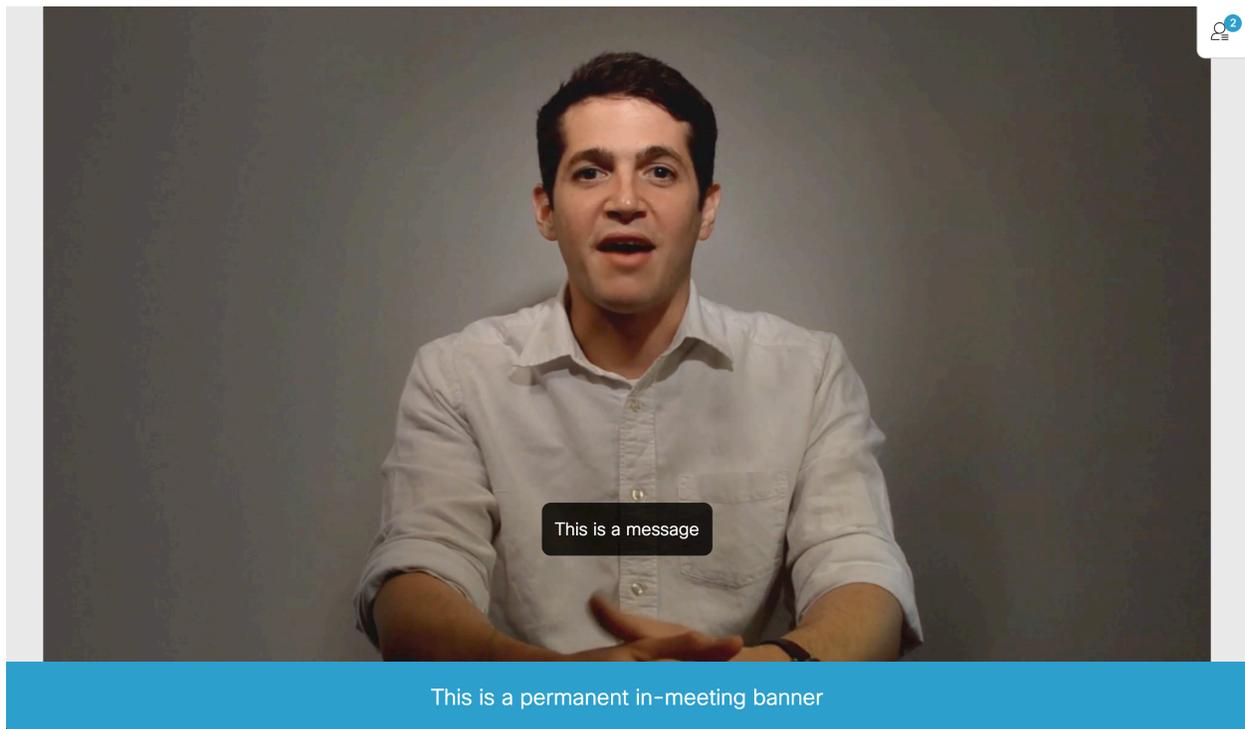
Web app now allows participants to send chat messages to other participants in the same call. Chat messages are only available in call, and not before or later. The chat messages disappear when the participant leaves and rejoins the call or refreshes the browser. The chats are meeting wide and not private. An administrator can control which calls can have the chat feature enabled and which participants are allowed to send chat messages.

2.3 On-screen messages

In this version, admins can only send messages via **messageText API** when the call is running and the location and duration of the message can be specified in the API. Previously, this only affected SIP participants but, with this release it will display to web app users as well. These are temporary messages that appears only if the call is in progress.

In contrast, the banner text API can be pre-configured and will render a message for the entire call in a set location. The web app can display both on-screen messages and banners at the same time.

The banner uses `messageBannerText` API which is permanent throughout the meeting, and can be specified before meeting start.



2.4 Space member roles

This version of web app allows members of a space to change roles or permissions of other members.

The screenshot displays the 'Annual All Hands Meeting' interface. On the left, there is a 'Join' button and 'Join information' for a 'Guest' role, including phone number, join link, meeting ID, passcode, and video address. On the right, the 'Members (2)' panel shows a list of members: Lewis Hill and Sally Wood. A dropdown menu is open for Lewis Hill, showing options for 'Space default', 'Guest', and 'Host'. A red dashed box highlights the dropdown menu, and a red arrow points to it with the text 'Change space member roles and permissions'.

2.5 Managing access methods for members

From version 3.2 onwards, the members of a space who have the **canChangeScope** permission can control the visibility of dial in methods. Visibility of a dial in method can be set to any of the following values:

- Everyone: It can be seen by all members of the space, as well as all participants in the call and thus should be used for guest dial in details.
- Members only: It can be seen by all members of the space, but not guests in the call.
- Owner only: Can only be seen by the owner of the space.

Additionally, all call participants will be able to see the details of the dial in method which they used to join the call, even if not otherwise permitted.

< Annual All Hands Meeting

Join

Join information

Phone 123456

Meeting ID 493821231

Passcode

Add a numeric passcode to restrict access

Guest

Join link

Generate new link on save. This will invalidate all previous join links

Visibility

Everyone

Members Only

Everyone

Change space member access methods and join link visibility

Members (2)

Lewis Hill

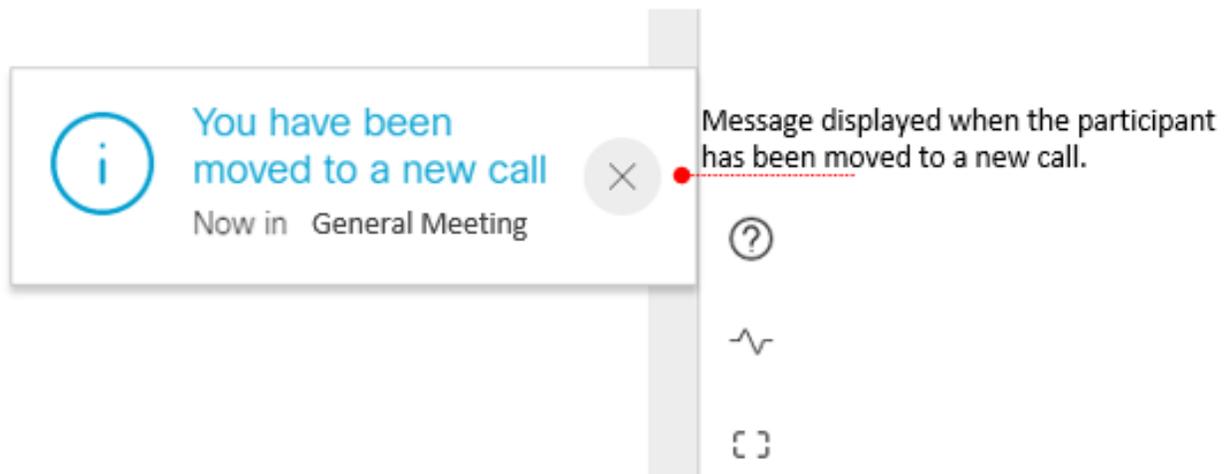
Sally Wood

You

2.6 Support to move participants

Cisco Meeting Server's earlier releases have supported the ability for admins to move SIP participants via API/Cisco Meeting Management from one meeting to another ongoing meeting. This feature allows them to move participants that have joined via the web app as well. When the web app receives a move request, it automatically disconnects the current call, and joins the new call. All values (permission to present, record, mute status etc) set in the previous meeting are carried forward to the current meeting. The URL is updated with the new call information that identifies when you have been moved to a different meeting, while retaining the old join values as a unique identification criteria for the meeting. The old join link will navigate to the old meeting. On page refresh, you would be a participant of the same (new) meeting. It uses the existing move participant feature on Cisco Meeting Server to move participants

between meetings.



2.7 Content magnification

When clients re-size content compared to what is being presented, it can lead to reduced quality. This is particularly evident when viewing spreadsheets, detailed drawings etc. Content magnification allows you to zoom in and view the content at the native resolution it was transmitted in, thereby optimizing the quality of the presentation. Participant in a call can scroll, pinch or click  button to zoom in,  button to zoom out on the content, and drag the mouse or pointer to pan the window around.

2.8 Serviceability enhancement

2.8.1 Error message for incorrect passcode

In the previous release, if the user entered the wrong passcode, the error message would state "Could not find meeting". The message is now changed to "Invalid meeting details" to inform users that the wrong passcode is entered.

2.9 Dial in details on the cospace object

When a user views the join information for a space in Cisco Meeting Server web app, they are shown a collection of dial in methods. These are created from the combination of access methods configured on the cospace and one additional dial-in if a URI or numeric ID is set on the cospace object, unless that on the cospace object exactly matches the details of an access method. For the additional dial in generated from the cospace object, these are always visible to all space members and participants in the call, and the name of the dial in is automatically generated, for example, 'Role 1'. It is

not possible to change these properties while there is a URI/numeric ID set on the cospace object. If this behaviour is not desired, it is recommended to remove the URI and numeric ID from the cospace object, and add an additional access method with these dial in details, which allows customisation of the name and visibility.

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 . For more details, see list of browsers given under [Browser versions tested](#).

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).

4 Browser versions tested

Table 2 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)	88.x
Mozilla Firefox (Windows)	85.x
Chromium-based Microsoft Edge (Windows)	88.x
Apple Safari for macOS	14.x
Apple Safari for iOS	iOS versions: 14.x
Yandex (Windows)	20.12.x

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.

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**.

6 Resolved issues

Listed below are issues resolved in web app.

6.1 Issues resolved in 3.2

The table below lists issues seen in previous versions that are fixed in 3.2

Table 3: Resolved issues in 3.2

Cisco ID	Summary
CSCvx59782	If a guest user leaves a call by closing the browser tab instead of using the Leave Call button, their next attempt to join a meeting will fail. After this attempt times out, future attempts are successful.
CSCvw61470	While signing in to web app (with SSO enabled), users need to enter the domain name exactly as configured by in Cisco Meeting Server as domain names are case-sensitive. Refer to the Release Notes for Cisco Meeting Server for more information on the configuration.

7 Open issues

The following table lists all the known issues in this release of the web app:

Table 4: List of open issues

Cisco Identifier	Summary
CSCvx88487	The tool tips text for zoom icons "+" and "-" are interchanged. However, they function as expected with the "+" icon zooming in and the "-" icon zooming out.
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.

7.1 Known limitations

Table 5: List of known limitations

Cisco Identifier	Summary
218762 CSCvw49785	Mac and iOS users are intermittently having audio issues when joining with Safari 14.2. However, the audio works fine in iOS 14.1 and 14.3.

Note: Whilst using the app from Safari on iPhone, the volume controls do not work while switching between speaker and headphones.

8 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

Feature comparison between Cisco Meeting Server web app and Cisco Meeting App for WebRTC.

Table 6: Feature comparison between Cisco Meeting Server web app and Cisco Meeting App for WebRTC

Feature	Web app 3.2	Web app 3.1	Web app 3.0	Web app 2.9	WebRTC app (Meeting Server 2.9)
General					
Cisco Meeting Server version	3.2	3.1	3.0	2.9	2.9
Managing access for members	Yes	No	No	No	No
Receive call	No	No	No	No	Yes
User-level permissions (e.g. can create space)	Yes	Yes	Yes	Yes	Yes
Support for localization	Yes	Yes	No	No	Yes
Branding	Yes	Yes	Yes	No	Yes
Online help	Yes	Yes	Yes	No	Yes
Encryption	Yes	Yes	Yes	Yes	Yes
Single sign on	Yes	Yes	No	No	No
Join using video address (URI)	Yes	Yes	Yes	No	No
Space Management					
Space member roles	Yes	No	No	No	No
Search for spaces	No	No	No	No	Yes
Create / edit space	Yes	Yes	Yes	Yes	Yes
Activate newly provisioned spaces	Yes	Yes	No	No	No
Add / edit / delete space members	Yes	Yes	Yes	No	Yes
Directory look up for Add Members feature	Yes	Yes	Yes	No	Yes

Feature	Web app 3.2	Web app 3.1	Web app 3.0	Web app 2.9	WebRTC app (Meeting Server 2.9)
View information for space	Yes	Yes	Yes	Yes	Yes
Send invitation	Yes	Yes	Yes	Yes	Yes
Audio and video					
Audio	OPUS	OPUS	OPUS	OPUS	OPUS
Video	H.264, VP8	H.264, VP8	H.264, VP8	H.264, VP8	H.264, VP8
Mic/camera configuration controls	Yes	Yes	Yes	Yes	Yes
Screen share					
Content magnification	Yes	No	No	No	No
View screen share	Yes	Yes	Yes	Yes	Yes
Desktop sharing	Yes	Yes	Yes	Yes	Yes
Application sharing	Yes	Yes	Yes	Yes	Yes
View screen share in a new window	Yes	Yes	Yes	No	No
Chat					
Chat	Yes, in call only	No	No	No	Yes, in and out of call
In-call					
On-screen messages	Yes	No	No	No	No
DTMF	No	No	No	No	Yes
Full-screen view	Yes	Yes	Yes	No	No
Layout control	Yes	Yes	Yes	Yes	Yes
Name labels	Yes	Yes	Yes	No	No
Recording	Yes	Yes	Yes	No	Yes
Streaming	Yes	Yes	Yes	No	Yes
Self-view	Yes	Yes	Yes	Yes	Yes
Pin self-view	Yes	Yes	Yes	No	No
Mirror self-view	Yes	Yes	Yes	No	No

Feature	Web app 3.2	Web app 3.1	Web app 3.0	Web app 2.9	WebRTC app (Meeting Server 2.9)
Move self-view	Yes	Yes	Yes	No	No
HD/SD selection	Yes	Yes	Yes	No	No
Pin presentation preview	Yes	Yes	Yes	No	No
Move presentation pre-view	Yes	Yes	Yes	No	No
Participants					
Move participant	Yes	No	No	No	No
Add participant	Yes (SIP only)	Yes (SIP only)	Yes (SIP only)	No	Yes
Remove participants	Yes	Yes	Yes	Yes	Yes
Admit participants to a locked meeting	Yes	Yes	No	No	No
Make participant important	Yes	Yes	Yes	No	Yes
Mute/Unmute other participants' audio and video individually	Yes	Yes	Yes	Yes	Yes
Mute/Unmute all participants' audio and video	Yes	Yes	Yes	No	Yes
Send diagnostics during a meeting	Yes	Yes	Yes	No	Yes
Point to point calling	No	No	No	No	Yes
Send invite	Yes	Yes	No	No	Yes
View call info	Yes	Yes	No	No	Yes
Mic / Camera controls during call	Yes	Yes	Yes	No	Yes
Move call					
Move call to this device	No	No	No	No	Yes
Use this device for screen share and call management only (while another device is used for audio and video)	Yes	Yes	Yes	Yes	Yes

Feature	Web app 3.2	Web app 3.1	Web app 3.0	Web app 2.9	WebRTC app (Meeting Server 2.9)
Use video system for a meeting					
Pairing with a video end-point	No	No	No	No	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

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- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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