



Release Notes for Cisco WebEx Meetings Server Release 2.0

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Finding Documentation

Provide the following URL to your users:

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

New and Changed Features in Cisco WebEx Meetings Server Release 2.0

This section describes features that are new or changed in a particular release.

For a complete list of system requirements, including supported hardware and operating systems, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

For information about all available features and benefits, see the data sheet for this release of Cisco WebEx Meetings Server at http://www.cisco.com/en/US/prod/collateral/ps10352/ps10362/ps12732/data_sheet_c78-717754.html.

New and Changed Features in Release 2.0 MR9

This maintenance release is only intended for customers who currently have Cisco WebEx Meetings Server Release 2.0.1.107, 2.0.1.205, 2.0.1.302, 2.0.1.407, 2.0.1.507, 2.0.1.606, 2.0.1.707, or 2.0.1.809 installed.

WebEx Productivity Tools

This release supports Cisco WebEx Productivity Tools version 2.82.1.902. Be sure to install the latest version which is found on the **Downloads** page of the Cisco WebEx Meetings Server Web site.

For more information On Cisco WebEx Productivity Tools, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

Cisco Jabber Integration

Now supports Cisco Jabber 11.0 for Mac, Windows and Android.

Cisco Unified Communications Manager

Now supports Cisco Unified Communications Manager (CUCM) Release 11.0(1a).

Meeting Client Application

The following versions of the WebEx Meetings Application are available for this maintenance release:

- Windows - 27.32.200.910 (orion2.0.MR9)
- Mac - orion2.0.MR9.0.0.910 (orion2.0.MR9)

WebEx Network Recording Player

This release supports Cisco Network Recording Player version 2.29.3200.910 on Windows, and version 2.32 on Mac. You can install the latest version from the Downloads page of your Cisco WebEx site. When you download this network recording player, select Windows or Mac from the operating system drop-down menu, or the Windows player will download by default.

Downloading Recorded Files

A new port 8444 is introduced in 2.0MR6. This port is used to download recorded files and you must to configure your firewalls so that access to 8444 is allowed. Configuration is the same as with default port 443.

For more information on port configuration, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

Split Certificate

This release introduces the new feature Split Certificate, where there are internal certificates and optional external certificates.

For more information on certificate structure, see *Cisco WebEx Meetings Server Administration Guide Release 2.0* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-guides-list.html>.

Updated Browser Support

The following web browsers were tested to work with Cisco WebEx Meetings Server Release 2.0MR9:

Windows

- Internet Explorer: 8 - 11 (32-bit/64-bit)
- Mozilla Firefox: 10 - 39



Note

You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 44

Mac

- Apple Safari: 6.1.5, 7.17, 8.0.3



Note

The OS X version up to 10.8 is supported, but 7.x and 8.x Safari versions are running on 10.9 and 10.10 OS X versions. There is no new OS X supported for CWMS 2.0. For more information on server system requirements, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

- Mozilla Firefox: 10 - 39



Note

You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 43

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers¹ to join a WebEx meeting or to play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

New and Changed Features in Release 2.0 MR8

There are no new features in this release. This maintenance release is only intended for customers who currently have Cisco WebEx Meetings Server Release 2.0.1.107, 2.0.1.205, 2.0.1.302, 2.0.1.407, 2.0.1.507, 2.0.1.606 or 2.0.1.707 installed.

WebEx Productivity Tools

This release supports Cisco WebEx Productivity Tools version 2.82.1.701. Be sure to install the latest version which is found on the **Downloads** page of the Cisco WebEx Meetings Server Web site.

For more information On Cisco WebEx Productivity Tools, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

Cisco Jabber Integration

Now supports Cisco Jabber 10.6.0 for Mac, Windows and Android.

Meeting Client Application

The following versions of the WebEx Meetings Application are available for this maintenance release:

¹ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

- Windows - 27.32.201.701
- Mac - orion2.0.MR7.0.0.701

WebEx Network Recording Player

This release supports Cisco Network Recording Player version 2.32 on Windows and Mac. You can install the latest version from the Downloads page of your Cisco WebEx site. When you download this network recording player, select Windows or Mac from the operating system drop-down menu, or the Windows player will download by default.

Downloading Recorded Files

A new port 8444 is introduced in 2.0MR6. This port is used to download recorded files and you must to configure your firewalls so that access to 8444 is allowed. Configuration is the same as with default port 443.

For more information on port configuration, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

Updated Browser Support

The following web browsers were tested to work with Cisco WebEx Meetings Server Release 2.0MR8:

Windows

- Internet Explorer: 8 - 11 (32-bit/64-bit)
- Mozilla Firefox: 10 - 36



Note You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 41

Mac

- Apple Safari: 6.1.5, 7.0.5, 8.0.3



Note The OS X version up to 10.8 is supported, but 7.x and 8.x Safari versions are running on 10.9 and 10.10 OS X versions. There is no new OS X supported for CWMS 2.0. For more information on server system requirements, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

- Mozilla Firefox: 10 - 36

**Note**

You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 41

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers² to join a WebEx meeting or to play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

New and Changed Features in Release 2.0 MR7

There are no new features in this release. This maintenance release is only intended for customers who currently have Cisco WebEx Meetings Server Release 2.0.1.107, 2.0.1.205, 2.0.1.302, 2.0.1.407, 2.0.1.507 or 2.0.1.606 installed.

WebEx Productivity Tools

This release supports Cisco WebEx Productivity Tools version 2.82.1.701. Be sure to install the latest version which is found on the **Downloads** page of the Cisco WebEx Meetings Server Web site.

For more information On Cisco WebEx Productivity Tools, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

Cisco Jabber Integration

Now supports Cisco Jabber 10.6 for Mac, Windows and Android.

Meeting Client Application

The following versions of the WebEx Meetings Application are available for this maintenance release:

- Windows - 27.32.201.701
- Mac - orion2.0.MR7.0.0.701

WebEx Network Recording Player

This release supports Cisco Network Recording Player version 2.32 on Windows and Mac. You can install the latest version from the Downloads page of your Cisco WebEx site. When you download this network recording player, be sure to select Windows or Mac from the operating system drop-down menu, otherwise you'll received the Windows player by default.

² The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

Downloading Recorded Files

A new port 8444 is introduced in 2.0MR6. This port is used to download recorded files and you must to configure your firewalls so that access to 8444 is allowed. Configuration is the same as with default port 443.

For more information on port configuration, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

Updated Browser Support

The following web browsers were tested to work with Cisco WebEx Meetings Server Release 2.0 MR6:

Windows

- Internet Explorer: 8 - 11 (32-bit/64-bit)
- Mozilla Firefox: 10 - 35



Note You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 40

Mac

- Apple Safari: 6.1.5, 7.0.5, 8.0.3



Note The OS X version up to 10.8 is supported, but 7.x and 8.x Safari versions are running on 10.9 and 10.10 OS X versions. There is no new OS X supported for CWMS 2.0. For more information on server system requirements, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

- Mozilla Firefox: 10 - 35



Note You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 40

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers³ to join a WebEx meeting or to play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

New and Changed Features in Release 2.0 MR6

There are no new features in this release. This maintenance release is only intended for customers who currently have Cisco WebEx Meetings Server Release 2.0.1.107, 2.0.1.205, 2.0.1.302, 2.0.1.407 or 2.0.1.507 installed.

WebEx Productivity Tools

This release supports Cisco WebEx Productivity Tools version 2.82.1.606. Be sure to install the latest version which is found on the **Downloads** page of the Cisco WebEx Meetings Server Web site.

For more information On Cisco WebEx Productivity Tools, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

Cisco Jabber Integration

Now supports Cisco Jabber 10.5 for Mac and Windows.

Meeting Client Application

The following versions of the WebEx Meetings Application are available for this maintenance release:

- Windows - 27.32.201.606
- Mac - orion2.0.MR6.0.0.606

WebEx Network Recording Player

This release supports Cisco Network Recording Player version 2.32 on Windows and Mac. You can install the latest version from the Downloads page of your Cisco WebEx site. When you download this network recording player, be sure to select Windows or Mac from the operating system drop-down menu, otherwise you'll received the Windows player by default.

Downloading Recorded Files

A new port 8444 is introduced in 2.0MR6. This port is used to download recorded files and you must to configure your firewalls so that access to 8444 is allowed. Configuration is the same as with default port 443.

For more information on port configuration, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

Updated Browser Support

The following web browsers were tested to work with Cisco WebEx Meetings Server Release 2.0 MR6:

Windows

³ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

- Internet Explorer: 10 - 11 (32-bit/64-bit)
- Mozilla Firefox: 10 - 33



Note You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 38

Mac

- Apple Safari: 6.0.5
- Mozilla Firefox: 10 - 33



Note You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 38

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers⁴ to join a WebEx meeting or to play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

New and Changed Features in Release 2.0 MR5

There are no new features in this release. This maintenance release is only intended for customers who currently have Cisco WebEx Meetings Server Release 2.0.1.2, 2.0.1.107, 2.0.1.205, 2.0.1.302 or 2.0.1.407 installed.

WebEx Productivity Tools

This release supports Cisco WebEx Productivity Tools version 2.82.1.507. Be sure to install the latest version which is found on the **Downloads** page of the Cisco WebEx Meetings Server Web site.

For more information On Cisco WebEx Productivity Tools, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

⁴ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

**Note**

When you look at the **About** pages for the WebEx Productivity Tools and the WebEx Meetings Application, the last three digits of the version information displayed on these pages should match the last three digits of the version numbers contained in these Release Notes. For Cisco WebEx Meetings Server Release 2.0 MR5, you need to look for the digits 507.

Meeting Client Application

The following versions of the WebEx Meetings Application are available for this maintenance release:

- Windows - 27.32.201.507
- Mac - orion2.0.MR5.0.0.507

Updated Browser Support

The following web browsers were tested to work with Cisco WebEx Meetings Server Release 2.0 MR5:

Windows

- Internet Explorer: 10 - 11 (32-bit/64-bit)
- Mozilla Firefox: 10 - 32

**Note**

You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 37

Mac

- Apple Safari: 6.0.5
- Mozilla Firefox: 10 - 32

**Note**

You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 37

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers⁵ to join a WebEx meeting or to

⁵ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

New and Changed Features in Release 2.0 MR4

There are no new features in this release. This maintenance release is only intended for customers who currently have Cisco WebEx Meetings Server Release 2.0.1.2, 2.0.1.107, 2.0.1.205, or 2.0.1.302. installed.

Virtual Machine Goes Down Due to a Hardware Failure

Upgrade to release 2.0 MR5 or above.

For more information on upgrading, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

LDAP Integration

If you have LDAP integration with your deployment, then you must upgrade to release 2.0 MR5 or above.

For more information on upgrading, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

WebEx Productivity Tools

This release supports Cisco WebEx Productivity Tools version 2.82.1.407. Be sure to install the latest version which is found on the **Downloads** page of the Cisco WebEx Meetings Server Web site.

For more information on Cisco WebEx Productivity Tools, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.



Note

When you look at the **About** pages for the WebEx Productivity Tools and the WebEx Meetings Application, the last three digits of the version information displayed on these pages should match the last three digits of the version numbers contained in these Release Notes. For Cisco WebEx Meetings Server Release 2.0 MR4, you need to look for the digits 407.

Meeting Client Application

The following versions of the WebEx Meetings Application are available for this maintenance release:

- Windows - 27.32.201.407
- Mac - orion2.0.MR4.0.0.407

WebEx Network Recording Player

This release supports Cisco Network Recording Player version 2.32 on Windows and Mac. You can install the latest version from the **Downloads** page of your Cisco WebEx site. When you download this network recording player, be sure to select Windows or Mac from the operating system drop-down menu, otherwise you'll received the Windows player by default.

Cisco Jabber for Android 9.6 Integration

- Now supports Cisco Jabber for Android 9.6

Meeting Recordings

Using the WebEx Network Recording Player, you can convert downloaded meeting recordings to WAV or SWF format.

**Note**

On the original recording (either streaming or downloaded), video and audio quality is good (24+ frames per second). After converting the recording to WMV or SWF format, you might find that the audio and video appear to be significantly downsampled (5 Frames per second).

Updated Browser Support

The following web browsers were tested to work with Cisco WebEx Meetings Server Release 2.0 MR4:

Windows

- Internet Explorer: 8 - 11 (32-bit/64-bit)
- Mozilla Firefox: 10 - 30

**Note**

You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 35

Mac

- Apple Safari: 6
- Mozilla Firefox: 10 - 30

**Note**

You may see an SSL error with Firefox 28 and later. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.) For more information, see [Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3](#), on page 34.

- Google Chrome: 23 - 35

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers⁶ to join a WebEx meeting or to

⁶ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

Meeting Client Application

- Windows - 27.32.201.407
- Mac - orion2.0.MR4.0.0.407

New and Changed Features in Release 2.0 MR3

There are no new features in this release. This maintenance release is only intended for customers who currently have Cisco WebEx Meetings Server Release 2.0.1.2, 2.0.1.107, or 2.0.1.205 installed.

Compatibility With Cisco Unified Communications Manager

Cisco WebEx Meetings Server is now compatible with Cisco Unified Communications Manager (CUCM) Release 10.5.

WebEx Productivity Tools

This release supports Cisco WebEx Productivity Tools build number 2.82.1.302. Be sure to install the latest version which can be found on the Downloads page of the Cisco WebEx Meetings Server Web site.

For more information On Cisco WebEx Productivity Tools, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

Cisco Jabber for Mac Integration

Now supports Cisco Jabber for Mac 9.6.

Updated Browser Support

The following web browsers were tested to work with Cisco WebEx Meetings Server Release 2.0 MR3:

Windows

- Internet Explorer: 8 - 11 (32-bit/64-bit)
- Mozilla Firefox: 10 - 28



Note

You may see an SSL error with Firefox 28. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.)

- Google Chrome: 23 - 34

Mac

- Apple Safari: 6
- Mozilla Firefox: 10 - 28

**Note**

You may see an SSL error with Firefox 28. Either use an alternate browser or change the Firefox configuration for TLS. On the configuration page, find the variable `security.tls.version.max` and change the variable to either 1 or 2. (This workaround may make your connection less secure.)

- Google Chrome: 23 - 34

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers⁷ to join a WebEx meeting or to play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

Changes to Organization of User Documentation

The following change was made to the organization of the Cisco WebEx Meetings Server Release 2.0 user documentation set:

Content from the *Cisco WebEx Meetings Server System Requirements* has been merged into the *Cisco WebEx Meetings Server Planning Guide and System Requirements*.

- The *Cisco WebEx Meetings Server System Requirements* document is therefore no longer available for this release.
- For system requirements and compatibility matrix information, see the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.0* at http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Planning_Guide.html.

**Note**

This change impacts the English-language documentation only.

New and Changed Features in Release 2.0 MR2

This Maintenance Release contains a fix for vulnerability CVE-2014-0160: <http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20140409-heartbleed>. It is only intended for customers who currently have Cisco WebEx Meetings Server Release 2.0.1.2 or 2.0.1.107 installed. There are no new features in this release.

**Important**

We strongly recommend that you revoke your Cisco WebEx Meetings Server SSL certificate and request a new certificate after deploying this maintenance release. For more information see the "Managing Certificates" section of the *Cisco WebEx Meetings Server Administration Guide Release 2.0* here: http://www.cisco.com/c/en/us/td/docs/collaboration/CWMS/2_0/Administration_Guide.html. For additional information about the Heartbleed bug, see <http://heartbleed.com>.

⁷ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

New and Changed Features in Release 2.0 MR1

This Maintenance Release contains bug fixes. There are no new features in this release.



Important

This maintenance release is only intended for customers who currently have Cisco WebEx Meetings Server release 2.0.1.2 installed.

Updated Browser Support

The following web browsers were tested to work with Cisco WebEx Meetings Server Release 2.0 MR1:

Windows

- Internet Explorer: 8 - 10 (32-bit/64-bit)



Note IE 11 was tested on Windows 7 SP1 only.

- Mozilla Firefox: 10 - 27
- Google Chrome: 23 - 32

Mac

- Apple Safari: 6
- Mozilla Firefox: 10 - 27
- Google Chrome: 23 - 32



Note

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers⁸ to join a WebEx meeting or to play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

*The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

WebEx Productivity Tools

This release of Cisco WebEx Meetings Server supports the latest version of WebEx Productivity Tools, which can be found on the **Downloads** page of your Cisco WebEx Meetings Server website. If you are upgrading to this release and have an older version of Productivity Tools installed, we recommend that you push out the latest .msi for the optimal experience.

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers⁹ to join a WebEx meeting or to

⁸ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

⁹ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

Changes to Organization of User Documentation

The following changes were made to the organization of the Cisco WebEx Meetings Server Release 2.0 user documentation set:

- Section on "Managing Licenses" is no longer in the *Cisco WebEx Meetings Server Planning Guide*. This content was moved to the "Configuring Your System" section of the *Cisco WebEx Meetings Server Administration Guide*.

New and Changed Features in Release 2.0 FCS

Significant System Changes

- Operating system upgrade: Cisco WebEx Meetings Server operating system is upgraded to CentOS 6.4
- Support for NAS storage: Fiber Channel (FC), Network File System (NFS), or SCSI only
- Updated storage space requirement: Admin virtual machines now require 1.5 TB of free storage space.



Note Upgrading from Release 1.x to 2.0 also requires additional storage space. For more information, see the "Upgrading the System" chapter of the *Cisco WebEx Meetings Server Administration Guide Release 2.0*: <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-guides-list.html>.

Hardware Support

This release now supports the Cisco UCS B420 server with the following specifications:

- CPU: Intel® Xeon® Processor E5-4650
- Speed: 2.7 GHz
- Cores: 8
- Sockets: 4
- Total vCPU: 64

Large Meetings

This release supports large meetings that can accommodate up to a maximum of 250 users per meeting on 800 users systems and 2000 user systems. Large meetings require these systems to be configured in HA mode.

Mobile Support

This release supports Android devices that use Android 2.1 or later. It was tested with Android WebEx App 4.0, 4.1, and 4.5.

For iOS, this release was tested with iOS WebEx App 5.1.

Upgrade to the latest version of the WebEx App to benefit from the new features that were added in this release.

Operating System Support

This release now supports Microsoft Windows 8 operating system.

Tested Browsers

Release 2.0 has been tested to work with the following web browsers:

Windows

- Internet Explorer: 8 - 10



Note IE 11 was tested on Windows 7 SP1 only

- Mozilla Firefox: 10 - 25
- Google Chrome: 23 - 31

Mac

- Apple Safari: 6
- Mozilla Firefox: 10 - 25
- Google Chrome: 23 - 31



Note

Because of Google and Mozilla policy changes, starting with Chrome 32 and Firefox 27, it might be necessary for users to manually enable the WebEx plug-in when using these browsers¹⁰ to join a WebEx meeting or to play a WebEx recording. More information and instructions can be found at https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm.

*The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

WebEx Productivity Tools

WebEx Productivity Tools now supports the following:

- Microsoft Outlook 2013
- Lync 2010 (32-bit)
- Lync 2013 (32-bit)
- Microsoft Office Communicator 2007
- Microsoft Office Communicator 2007 R2

¹⁰ The exact versions of Chrome and Firefox that are impacted by this policy have not been finalized as of the publishing of this document.

Accessibility Improvements

Section 508 of the U.S. Rehabilitation Act defines requirements for product accessibility. Your Cisco WebEx Meetings Server website and meeting application provide keyboard accessibility and limited Screen Reader support on Windows. For Release 2.0, an audio option was added to the text-based CAPTCHA (the textual challenge users are required to respond to when signing up for a WebEx account or when recovering a password to identify them as actual persons).

End-User Experience Enhancements

- Improved recurring meeting support: You can now modify or delete a single occurrence of a recurring meeting series from both the Cisco WebEx Meetings Server website and WebEx Productivity Tools. Invitees receive email notifications alerting them of the modifications and your Microsoft Outlook calendars remain in sync.
- Recording improvements: An option now displays on the scheduling page for you to automatically set recording for your meetings. You can also choose to download recordings or the NBR player from the Recordings tab on the Cisco WebEx Meetings Server website.
- Entry and exit tones: You can now configure what you want to hear, such as a beep or no sound at all, when users enter and exit your meetings.
- Scheduled maintenance window alerts: Warnings indicate when you are attempting to schedule or reschedule a meeting during a scheduled maintenance window.
- Video tutorial for first-time access: The system provides you with a video tutorial when you first access the Cisco WebEx Meetings Server website.



Note The video tutorial is not displayed if the system is configured to display customized Help but without a valid link rather than the default Cisco WebEx online help.

Administrator Enhancements

- Improved reports: Provides improvements to monthly summary reports (PDF) and customized reports (CSV).
- Improved Maintenance Mode: The following configuration tasks no longer require that you put the system in Maintenance Mode:
 - Quality of service (these configuration fields were found on the Admin > Settings > Quality Of Service page in previous releases)
 - Mail server (these configuration fields were found on the Admin > System > Configuration > Servers > MailServer page in previous releases)
 - Call-in access numbers, caller ID, and display name (these configuration fields were found on the Admin > Settings > Audio page in previous releases)
- Enhanced management of maintenance window: This release improves your ability to schedule, cancel, and update system maintenance windows. Users are prevented from scheduling meetings during a maintenance window and alerted when scheduled maintenance is currently taking place.
- LDAP filter: Enables you to choose which users to import from the Cisco Unified Communications Manager (CUCM) directory to the Cisco WebEx Meetings Server (CWMS) directory using LDAP.

- Improved Administrator dashboard: Provides a redesigned dashboard with a focus on meeting lists and meeting trends.

Supported Upgrade Paths

This release of Cisco WebEx Meetings Server supports upgrades from release 1.x to 2.5 keeping the following in mind:

- An upgrade is defined as a replacement of the system to deploy major modifications that we made to the system.
- An update is defined as an incremental modification of the system to deploy fixes and minor improvements, for example updating a system running version 1.0 to run version 1.1.
- In both cases all of the data from the original system, except for logs and log captures, is transferred to the updated or upgraded system.
- When upgrading, you cannot skip an FCS version of the software and go directly to a companion maintenance release (MR).

You can upgrade from:

- 1.5MR3 or higher or 2.0 MR3.
- 2.0 MR3 or higher to 2.5.

For example, to upgrade from 2.0 to a 2.5 MR, you must first *upgrade* from 2.0 to 2.5 then *update* to the 2.5 MR.

For more information, see the *Cisco WebEx Meetings Server Administration Guide Release 2.5* at http://www.cisco.com/en/US/products/ps12732/prod_installation_guides_list.html and the *Cisco WebEx Meetings Server Planning Guide and System Requirements Release 2.5* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

Limitations and Restrictions

Recording Limitations

- You can create as many recordings as your storage server capacity will allow. Estimate the required storage server size for a typical five-year period using the following formula:
$$\text{Estimated hours of meetings that you expect to be recorded per day} * 50\text{-}100 \text{ MB per hour of recording} * \text{five years} * 24 \text{ hours per day} * 365 \text{ days per year}$$
- There are no per-user storage limitations. Recordings are stored indefinitely until you delete them. There is no feature that enables you to automatically delete recordings due to the possibility that this would enable users to accidentally delete important recordings. Once you mark a recording for deletion, the recording is actually kept on the storage server for up to six months, giving you time to archive recordings on other media.

- When you configure a storage server and check **Record** under Administration Dashboard > Settings > Meetings > Participant Privileges, note that the Record setting is a system-wide setting. There are no individual meeting or user settings for recordings.

Internet Reverse Proxy Might Be Removed From the Platform

The Admin virtual machine can send a remove message to the Internet Reverse Proxy server to remove it from the platform. This message is sent as clear text, is unauthenticated, and could lead to a denial of service.

Using IP tables or access control lists (ACLs), configure the firewall so that connections to port 64616 only come from the Admin virtual machine.

Productivity Tools

Incompatible Versions

Each release of Cisco WebEx Meetings Server supports a specific version of the Cisco WebEx Productivity Tools client. You can download the supported version of Productivity Tools from the Downloads link on your Cisco WebEx Meetings Server website. Using incompatible versions of these two applications, for example, Productivity Tools Release 2.5 with Cisco WebEx Meetings Server Release 2.0 or lower, might result in the following issue:

When the user schedules a WebEx meeting, the meeting time displays incorrectly on the website. This issue applies to both single and recurring meetings.

Updating a Recurring Meeting Scheduled from Microsoft Outlook

This release has the following limitations when updating a single instance of a recurring meeting series that was scheduled from the Microsoft Outlook integration:

- User does not see the "Add WebEx Meeting" option: User schedules a standard recurring meeting series from Outlook. When the user attempts to update a single instance of the series, the user does not see the option to add the WebEx component to the meeting. In this instance, we recommend that the user schedules a new meeting that includes the WebEx option, or change the entire recurring meeting series to include the WebEx component.
- WebEx is not removed from meeting exceptions: User schedules a recurring meeting series. User edits one or more instances to indicate a different time or date, then cancels the recurring meeting series. In this instance, the meetings that were edited are not canceled in Outlook. However, the WebEx information that is retained with the meetings are no longer valid.
- Canceled meetings still display on web page: User schedules a recurring meeting series from Microsoft Outlook. User deletes a meeting instance from the series, then adds WebEx to the recurring meeting series. In this instance, the meetings that were deleted from the original recurring meeting series will still display on the Cisco WebEx Meetings Server website.
- Updates not reflected in meeting exceptions: User schedules a recurring meeting series from Microsoft Outlook. User edits a single instance of the meeting series by changing the meeting topic, list or attendees, or location. User then edits the meeting content in the entire recurring meeting series. In this instance, any updates made to the series are not reflected in the meetings that were updated separately.
- WebEx component does not reflect future meeting time: User schedules a WebEx meeting from Microsoft Outlook. The meeting time passes. The user drags one instance of the series to a time in the past, then

updates it to reflect a time in the future. In this instance, the WebEx component of the meeting remains the same. It cannot be updated to reflect a future time.

Important Notes

CWMS Licensing

Host Licensing for Version 1.5

The Host licensing information in the Cisco WebEx Meeting Server (CWMS) version 1.5 is incomplete and the document will not be updated. The Host licensing procedures are the same for version 1.5 as they are for 2.0. The information can be found in the Cisco WebEx Meeting Server Administration Guide version 2.0 at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-guides-list.html>.

Hypervisor Support

Cisco WebEx Meetings Server runs on VMware virtual machines.

- Both VMware vSphere and VMware vCenter are required to deploy Cisco WebEx Meetings Server. Using the vSphere client, you will deploy the Cisco WebEx Meetings Server OVA file on an ESXi host managed by vCenter.
- You must purchase VMware vSphere 5.0, 5.0 Update 1, 5.1 for use as the hypervisor platform for Cisco WebEx Meetings Server by completing one of the following:
 - Buy vSphere directly from Cisco on the GPL (Global Price List). Cisco is an approved VMware partner and distributor. This is convenient for those who "want everything from a single vendor".
 - Purchase vSphere directly from VMware, through enterprise agreements you have directly with VMware.
- Cisco WebEx Meetings Server does not support other hypervisors.
- For more information about hypervisor requirements, see the *Cisco WebEx Meetings Server System Requirements* at http://www.cisco.com/en/US/products/ps12732/prod_installation_guides_list.html.

Configuring Your High-Availability System



Important

Before you deploy a data center, choose between Audio Encrypted -AE or Audio Unencrypted -AU. After deployment, you cannot convert from one type to the other. Data archived or backed up from one type of system cannot be uploaded to the other type of system. You cannot change the audio encryption type during an upgrade or during an update. The only way to change a system from one type of audio encryption to another is to deploy a new system.

When you update a high-availability system, you reboot the system. After the reboot process appears to be complete, we recommend that you wait an extra 15 minutes before you begin your add high-availability system procedure.

Use the following table to determine whether to perform a system upgrade or an update to Cisco WebEx Meetings Server Release 2.0.

Installed Release	To Release	Upgrade	Update
1.0	2.0	X	
1.1	2.0	X	
1.5MR3 or higher	2.0 ¹¹	X	
2.0 or 2.0MR1	2.0MR2 or higher		X

¹¹ We recommend that you update 1.0, 1.1, or 1.5 versions to the 1.5MR3 version of the OVA and ISO files, before upgrading to version 2.0.

About Using Self-Signed Certificates

We strongly recommend using a publicly signed certificate instead of the provided self-signed certificate. Publicly signed certificates are trusted by users' browsers since trust for them is established using the list of Root Certificate Authority certificates installed on each user's computer.

For Multi-data Center systems using self-signed certificates, the end-user will receive multiple certificate warnings and must trust and install all certificates in order to use the system.

When using self-signed certificates, some users might have difficulty joining meetings because browsers by default do not trust such certificates. Users are required to explicitly establish trust in this case before they can proceed to join a meeting on your site. Some users might not understand how to establish trust with such a certificate. Others might be prevented from doing so by administrative settings. Therefore, you should use publicly signed certificates whenever possible to provide the best user experience.

The User Guide provides a topic on this issue for end-users. Refer to the "Meeting Client Does Not Load" topic in the Troubleshooting chapter of the *Cisco WebEx Meetings Server User Guide* at http://www.cisco.com/en/US/products/ps12732/products_user_guide_list.html.

Expanding Your System

If you have VMware snapshots of your existing (pre-expansion) system, make sure your expanded system is up and running while removing or deleting your existing system. This prevents accidental removal of the hard disk 4 base VMDK file, which might be accessed by the expanded system.

Productivity Tools Upgrade Notice

If a previously deployed Productivity Tools package has a different version or build number from a newly deployed Productivity Tools package and the upgrade is not blocked, then your Productivity Tools client will notify you with an upgrade warning dialog box.

SNMP v2 Community Names

There is no default SNMP v2 community name entry in this release of Cisco WebEx Meetings Server. The system will remove the existing Cisco WebEx Meetings Server 1.0 default Community Name, "CWS-Public," after upgrading. Only user-added SNMP v2 community names are maintained.

Known Issues and Notices

Uninstalling Cisco WebEx Meetings Application

The following uninstall behavior is a known issue when you have both the on-premises and cloud versions of the Cisco WebEx Meetings Application installed on your local hard drive:

When you click atcliun.exe from the WebEx folder to uninstall the Cisco WebEx Meetings Application, both the on-premises and cloud versions of the application are removed. However, when you delete the application using the Control Panel, only the on-premises version of the application is deleted. For more information, see the "Uninstall Cisco WebEx Meetings Locally" topic in the *Cisco WebEx Meetings Server Planning Guide* at <http://www.cisco.com/c/en/us/support/conferencing/webex-meetings-server/products-installation-and-configuration-guides-list.html>.

Apple iOS 6.x and SSO

There is a known issue with Apple iOS 6.x, where Single Sign-On (SSO) does not work for internal users of iPad/iPhone who are using the Safari 6 web browser. This is due to an Apple defect that is fixed in iOS 7. The Safari bug ID is 13484525.

Translated Documentation

Translated documentation for this release of Cisco WebEx Meetings Server will be published 4-6 weeks after the English-language release.

Keeping Your Hostname While Changing Your Virtual Machine IP Address

Never change the DNS entries for the hostnames that are configured in your deployment. You can change the hostname of a virtual machine that is part of your deployment. The corresponding IP address is picked up automatically from the DNS. If you want to change the IP address of a virtual machine and keep the same hostname, you must perform the following steps:

- 1 Configure a temporary hostname in the DNS.
- 2 Change the hostname of the virtual machine to the temporary hostname that you configured and take the system out of maintenance mode for the new hostname to take effect. Your original hostname is not part of the deployment after making this change.
- 3 Change the IP address of the original hostname in the DNS to the new IP address.
- 4 Change the temporary hostname of the virtual machine to the original hostname and take the system out of maintenance mode for the hostname to take effect. Now the original hostname with your new IP address is configured.

FQDN Text

When you deploy virtual machines from vCenter using the OVA file, make sure the virtual machine hostname does not contain uppercase characters or underscores. When changing the hostname at the Administration site also make sure the virtual machine hostname does not contain uppercase characters or underscores.

Dashboard Issue - Failure to Display Meetings That Have Started

There is a known issue in this release of Cisco WebEx Meetings Server in which the dashboard fails to represent certain meetings as having started. This occurs in the following scenario: A meeting is scheduled with the "Allow participants to join teleconference before host" setting enabled. A user joins the meeting by phone but does not join the web portion. The dashboard should indicate that this meeting has started and has one participant but it does not. This may cause users to schedule multiple meetings resulting in performance issues.

Audio Configuration

On your audio configuration settings, note that G.711 will yield better voice quality than G.729. Refer to "About Configuring Your Audio Settings" in the *Cisco WebEx Meetings Server Administration Guide* for more information.

IP Communicator 7.0.x Endpoints

IP communicator 7.0.x endpoints joining Cisco WebEx Meetings Server meetings might introduce audio quality issues (echo and other noises) to a conference if it is in unmuted state or the participant using this endpoint becomes an active speaker. To prevent this, make sure you fine tune the IP communicator environment (for example, the headset, microphone, and speaker) or use a different traditional phone.

Meetings Started with iOS Devices

Meetings that are started with iOS devices cannot be recorded.

Android Devices

There is a known issue for users of Android that if the host has enabled True Color Mode in his or her meeting client settings, desktop sharing will not display correctly on the Android device. You can make sure that True Color Mode is disabled by selecting **Meeting > Options** from your Cisco WebEx Meetings page.

WebEx Meetings Release Notes for Mobile Devices

To locate more details about features and known limitations specific to the WebEx mobile application, see <https://support.webex.com/MyAccountWeb/documentation.do?root=Tools&parent=Documentation>.

Windows Internet Explorer Issue

There is a known issue when you view user documentation with the Windows Internet Explorer 8 or 9 browser. A javascript error may be displayed in the lower left corner of your window while you are paging through the documentation. If you click on this error message, a **Windows Internet Explorer** pop-up message appears. Select the **Always show this message for webpage errors** check box if you want to see this message when an error condition is encountered. Select **Close** and continue reading the documentation. This error does not affect documentation.

Caveats

Using the Bug Search Tool

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of the following:

- Open customer-found bugs of severity 1 to 3
- Resolved customer-found bugs of severity 1 to 5
- Resolved Cisco-found bugs of significance

You can find details about listed bugs and search for other bugs by using the Cisco Bug Search Tool.

Before You Begin

To access the Bug Search Tool, you need the following items:

- Internet connection
- Web browser
- Cisco.com username and password

Step 1 To access the Bug Search Tool, go to <https://tools.cisco.com/bugsearch/search>.

Step 2 Sign in with your Cisco.com username and password.

Step 3 Enter the bug ID number in the “Search for” field, then press Enter.

Tip You can also navigate to a specific bug by entering <https://tools.cisco.com/bugsearch/bug/<BUGID>> where <BUGID> is the ID of the bug that you are searching for (for example, CSCab12345).

What to Do Next

For information about how to search for bugs, create saved searches, and create bug groups, select **Help** on the **Bug Search Tool** page.

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR9

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 1: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR9 (Build 2.0.1.918)

Identifier	Severity	Headline
CSCuv52470	3	CWMS does not send email alert when system loses ELM connection

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR9

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 2: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR9 (Build 2.0.1.918)

Identifier	Severity	Headline
CSCut93310	1	Update from 2.0.1.809 to 2.5FCS --> FAILED
CSCus40815	2	Node Manager Hang causes VM down
CSCut09547	2	Need more aggressive log rotation form CWMS
CSCut14038	2	Clock drifting causes slow processing and garbled audio
CSCut35588	2	Java process high CPU usage due to loads of Jabber users
CSCuu18754	2	CWMS 2.0 MR8 HF1 breaks PT authentication
CSCuu48189	2	MR5 no longer sending intermediate certificate
CSCuu82698	2	Evaluation of orion for OpenSSL June 2015
CSCuu82699	2	Evaluation of orion for OpenSSL June 2015
CSCuu94687	2	CWMS Admin VM is vulnerable to heartbleed at port 8140
CSCuv36151	2	Users cannot share screen after KB3069392 update
CSCut67152	3	log information from db needs to be archived
CSCut71163	3	additional indexes on tables are needed
CSCus79293	3	db_check_cron_timing does not validate db output properly
CSCuu24168	3	Backup doesn't exist in the database
CSCuu71929	3	Wrong dates in Participant reports
CSCuu77836	3	When SNMP is not responding, don't restart Node Manager, but just SNMP
CSCuv12417	3	Particular Meeting Logs don't include gyromain logs
CSCuv38273	3	Rabbitmq status check shows OK but it is not in good state
CSCuv53396	3	CWMS 2.0.1.844 skips installing WBXmon RPM

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR8

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 3: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR8 (2.0.1.809)

Identifier	Severity	Headline
CSCur69664	3	End User name are garbled in CWMS for some random Japanese character
CSCut04265	3	CWMS does not provide useful information during CPU Alerts

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR8

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 4: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR8 (Build 2.0.1.809)

Identifier	Severity	Headline
CSCuq40344	1	remote support passphrase included in createaccount.log_{date}
CSCul25780	2	Arbitrary file upload with path traversal via licensing
CSCus42712	2	JANUARY 2015 OpenSSL Vulnerabilities
CSCut26422	2	wbxwss String Buffer Overflow Exception When Unable To Find NBR file
CSCur99754	3	ELM not updated properly after changing admin URL

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR7

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 5: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR7 (2.0.1.707)

Identifier	Severity	Headline
CSCur99754	3	ELM not updated properly after changing admin URL

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR7

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 6: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR7 (Build 2.0.1.707)

Identifier	Severity	Headline
CSCus29466	1	Scheduling OL meeting with Israel TZ causes 1 hour diff on meeting site
CSCup72309	2	Connectivity to meetings sign-in page suddenly lost
CSCur23727	2	Cisco WebEx Meetings Server : evaluation of SSLv3 POODLE vulnerability
CSCur61382	2	NFS storage server completely purged unexpectedly
CSCur82993	2	Link for a recording points to fqdn of node instead to site URL
CSCus25961	2	Macc process runs out of control after network disconnect
CSCus29792	2	CWMS : NBR not able to play the recording
CSCus44422	2	CWMS High CPU usage caused by tomcat java process
CSCus59056	2	CWMS 2.0 Planning guide shows Hypervisor 5.5 as being supported
CSCus69430	2	Evaluation of glibc GHOST vulnerability - CVE-2015-0235
CSCuo01162	3	Issue with playback of the NBR recording
CSCuq13839	3	after ZDT update, OCA component on DC1 Media VM is in partial down state
CSCur17533	3	PT causes mail stuck in outbox when outlook getting online
CSCur58743	3	Maximal external load with Video using highest resolution degradation
CSCus12995	3	Unable to add NFS

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR6

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 7: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR6 (Build 2.0.1.611)

Identifier	Severity	Headline
CSCur43860	2	CWMS 2.0 Meeting Recordings are not generated for some users
CSCur44684	3	Productivity Tool plugin fails to install properly for some users
CSCur46493	3	Particular Meeting Log captures wrong meeting occurrence
CSCur52952	3	CWMS rsyncd.log does not clear
CSCur58743	3	Maximal external load with Video using highest resolution degradation

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR6

The caveats listed in the following table describe issues that were resolved in this release.

Table 8: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR6 (Build 2.0.1.611)

Identifier	Severity	Headline
CSCur06145	2	DB Replication problem after update on HA system
CSCur12421	2	Meetings Scheduled via Outlook in EEST TZ Show Offset 3 Hours in Web
CSCur40833	2	DST change for Russia
CSCuq90415	2	CWMS 2.0 ADUserID character limitation should be the same as e-mail addr
CSCun81639	3	IRP shows as down from Admin HA but appears to be up
CSCup37329	3	SSLGW buffer is full when download a big NBR recording file
CSCup62492	3	Upgrade Tomcat to v7.0.54
CSCuq63860	3	Inconsistent Participant Email Domains in Monthly Summary Report
CSCuq98568	3	Firefox 28+ compatibility when FIPS=OFF
CSCuq98760	3	Cannot save changes on Directory Integration page if password has % sign
CSCur14601	3	Slab kernel memory rises due to CentOS issue
CSCur39270	3	Code / Vulnerability Defects seen on minorUpgrade.log
CSCuq49867	4	Default length of overall system log is too long

Identifier	Severity	Headline
CSCuq71205	4	Zero Value Data Representation in Graph of Downtime & Unplanned Outage
CSCuq81334	4	User Sync Email shows incorrect time in CWMS
CSCur00804	4	Add check box for full sync with CUCM
CSCur22319	4	Disabling PT tools in outlook causes the outlook to Crash

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR5

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 9: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR5 (Build 2.0.1.507)

Identifier	Severity	Headline
CSCur12421	2	Meetings Scheduled via Outlook in EEST TZ Show Offset 3 Hours in Web
CSCuq62840	4	Outlook PT scheduling shows a wrong list of invitees for alternate host
CSCuq78834	4	Installing Invalid License causes CWMS to not accept any other licenses

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR5

The caveats listed in the following table describe issues that were resolved in this release.

Table 10: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR5 (Build 2.0.1.507)

Identifier	Severity	Headline
CSCur02916	1	SHELLshock Vulnerability CVE-2014-6271
CSCup10343	1	Orion unauthenticated, arbitrary file download via ClientUpgrade servlet
CSCup62113	2	CUCM users are deactivated automatically
CSCuq17772	2	SIP Re-invite due to codec change causes core file generated
CSCuq36600	2	Unable to add user account with - [hyphen] or _ [underscore] in em..
CSCuj81722	2	User enumeration via OutlookAction
CSCuq36417	2	abbitmq password included in vmID/common/eventbus/eb_trace.log

Identifier	Severity	Headline
CSCup62442	3	Arbitrary File Downloading Vulnerability for WebEx client
CSCup62463	3	WebEx Heap-based Buffer Overflow Vulnerability
CSCuo29721	3	User with email that contains special chars can be added/imported
CSCuq02150	3	CWMS 2.0 Cannot share 2007 ppt file when kb2878233 patch is installed
CSCuq60148	3	Chrome/FireFox join issue
CSCuq03589	3	Host can download other user's recording
CSCuq40798	3	Partial Overall system logs and RSYNC Errors flooding webadmin logs

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR4

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 11: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR4 (Build 2.0.1.407)

Identifier	Severity	Headline
CSCuo48710	3	Https redirection does not work.
CSCup18226	2	Media machine down and RSA doesn't work after changing host name
CSCup21082	3	Mail Server Authentication password cleared after Maintenance Mode.
CSCup37329	3	SSLGW buffer is full when downloading a big NBR recording file.
CSCup46232	3	CWMS 2.0 IRP SSLGW Crash / Core.
CSCup46545	3	CWMS 2.0 : Day displayed is incorrectly when locale is set to Korea.
CSCup50741	3	CWMS DRM : Unable to close Meeting in 64 bit OS.
CSCup50907	3	CWMS - DbFailover does not happen if hardware failure occurs on Primary.
CSCuo85753	4	Conversion to MP4 option should not be available.
CSCup35002	4	WebEx Assistant should open to Meeting Page.

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR4

The caveats listed in the following table describe issues that were resolved in this release.

Table 12: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR4 (Build 2.0.1.407)

Identifier	Severity	Headline
CSCun98112	2	CWMS meeting time changing with DST GMT offset.
CSCuo80525	2	Productivity Tools - PostAttendeeURL.xml contains clear-text password.
CSCuo84142	2	Productivity Tools fails to load in Outlook 2007 on Windows XP SP3.
CSCup22555	2	Multiple Vulnerabilities in OpenSSL - June 2014.
CSCuo90618	3	No logs in database when meeting is scheduled/updated/deleted from Productivity Tools.
CSCuo34584	3	CWMS does not refresh SIP session.
CSCul83197	3	Infocap is empty.
CSCuo34126	3	Administrator is able to disable himself via import/export.
CSCuo42319	3	Record button greyed out in CWMS meetings.
CSCuo57048	3	Document DB replication requirements.
CSCuo63666	3	Participants Report does not show correct joining and leaving times.
CSCuo66214	3	Received "Not found" error when importing existing users.
CSCuo66273	3	Administrator cannot log in to Admin page if Administrator is set to Inactive by LDAP.
CSCuo68354	3	MMP needs to better handle network impairment - duplicate packets.
CSCuo80769	3	Meeting not included in license utilization report when it is ended improperly.
CSCuo80979	3	Incorrect login error message for Productivity Tools.
CSCuo81331	3	Mac Meeting Client is not included in WebEx Meetings Application package.
CSCuo85745	3	Document recording conversion feature.
CSCuo91421	3	Recurring LDAP sync reschedules time after the previous sync finishes.
CSCuo93322	3	Running WebEx Meeting Application temporarily still installs the client.
CSCup04486	3	SSO auto update failed when set value to 61 for OPhoneCountry.
CSCup05204	3	No meeting present in the WebEx meeting app meeting list.
CSCup06838	3	NBR recording download failed after update to 2.0 if file contains Chat/
CSCup16906	3	Incorrect Meeting Minutes in Report due to incorrect end_time in DB.
CSCup31361	3	Wrong language prompt on CWMS call back.

Identifier	Severity	Headline
CSCun28188	4	Minor update maintenance mode not present on VMware splash screen.
CSCuo44227	4	%participants% variable references system size instead of configuration.
CSCuo57189	4	Clarify how to change IP address of VM.
CSCuo85897	4	Reference mobile Cisco WebEx Meetings documentation in release notes.
CSCuo75003	5	CWMS2.0: Saved login name appears as garbled if the language is multibyte.

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR3

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 13: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR3 (Build 2.0.1.302)

Identifier	Severity	Headline
CSCun98112	2	CWMS meeting time changing with DST GMT offset
CSCuo41250	2	Unable to successfully add IRP in NAT'ed environment
CSCuo27335	3	External mtg data loss on Media VMs during high load
CSCuo34126	3	Administrator able to disable himself via import/export
CSCuo42319	3	Record button greyed out in CWMS meetings
CSCuo44227	4	%participants% variable references system size instead of configuration
CSCuo29731	5	vSphere Console does not display Maintenance info after a VM reboot

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR3

The caveats listed in the following table describe issues that were resolved in this release.

Table 14: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR3 (Build 2.0.1.302)

Identifier	Severity	Headline
CSCum68885	2	Users unable to join meeting unless host starts meeting from Web
CSCun02797	2	Productivity Tool auto log out.
CSCun28306	2	CWMS doesn't change codec after negotiating new Codec.

Identifier	Severity	Headline
CSCun46824	2	CWMS 2.0 does not detect the status of NFS correctly
CSCun47130	2	Upgrade Document for CWMS 2.0 is unclear about the Temporary IP
CSCun49202	2	Document support for distributed vSwitch compatibility
CSCun92586	2	CWMS doesn't include Congo country codes for Outdial
CSCuo19490	2	CWMS support for B200 M3 needs clarification in regards to HDD
CSCuo29780	2	WebEx Meetings Server (client side) is vulnerable to CVE-2014-0160
CSCum77581	3	Some services after MM off not coming up in a timely manner
CSCum88800	3	LARGE DMZ:FIPS ON:Load issues for Video sharing using ext SiteURL
CSCum85537	3	CWMS 1.x - Not all countries are listed when creating a CSR
CSCun03528	3	Admin and Media VM flapping up/down due to hostname in caps
CSCun18804	3	Add Privacy Statement URL system error
CSCun21739	3	Backup archive size value too large for db table field
CSCun22509	3	CWMS - Admin web vulnerable to cross-site scripting
CSCun29878	3	Locale is changed after login SSO site when no attribute value in AD
CSCun33738	3	CWMS behavior when going over capacity
CSCun37821	3	CWMS 2.0: Monthly Reports Incorrectly Listed on Admin Website
CSCun38672	3	MSI Installer version doesn't change in new release
CSCun38773	3	DR Backup Schedule Change does not change in HA Admin
CSCun46855	3	CWMS - Various security vulnerabilities on specific page
CSCun56863	3	LDAP password that contains a space cannot authenticate successfully
CSCun58508	3	CWMS-Name of Meeting Host displays random characters, if it contains '
CSCun66208	3	Traffic going to VIP address returns out eth0 interface
CSCun71312	3	CWMS 2.0 upgrade requires no VM snapshot on any CWMS VM
CSCun73435	3	DB snapshot for the previous day has not been deleted
CSCun76913	3	CWMS Productivity Tools lock user account in AD after 1 failed attempt
CSCun95447	3	Status shown on User page does not reflect actual status
CSCuo06286	3	CWMS2.0: Network Recording Player file conversion feature is not available
CSCuo13312	3	Plus sign "+" before phone number.

Identifier	Severity	Headline
CSCuo20938	3	Failed to import certificate when hostname is not the same as system's
CSCuo21979	3	NFS backup fails
CSCuo28829	3	Outlook crashes with CWMS PT tools and Symantec Enterprise Vault Add-in
CSCuo32927	3	CWMS compatibility matrix
CSCuo46222	3	Migration VMs must be redeployed if booted too early
CSCun11117	4	Instruction on how to test the fail over to HA
CSCun62789	4	Need to add a minimum recommendation for NFS size.
CSCun62803	4	Explain what 'recording buffer' is used for
CSCuo08355	4	CWMS does not support ppt sharing along full screen webcam
CSCuo09598	4	Support for Nigeria, Congo, Montenegro, Serbia, Puerto Rico
CSCuo16871	4	Generate CSR does not require maintenance mode
CSCuo30126	4	System-wide recording statement
CSCuo34797	4	Update SSO troubleshooting doc.
CSCum18841	5	Add information about "Create Password" link expiration time
CSCuo27974	6	CWMS 2.0 MR2 - Recurring Meetings Not Removed for Deactivated Users

Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3

The caveats listed in the following table describe issues that were resolved in this release.

Table 15: Closed Caveats in Cisco WebEx Meetings Server Release 2.0 MR3 (Build 2.0.1.302)

Identifier	Severity	Headline
CSCuo06977	3	Firefox 28 SSL error

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR2

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 16: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR2 (Build 2.0.1.205)

Identifier	Severity	Headline
CSCum68885	2	Users unable to join meeting unless host starts meeting from Web

Identifier	Severity	Headline
CSCul48912	3	SSLGW killed by NM - SMALL HA DMZ continuous load run
CSCum66805	3	CWMS Log Collection results in heavy writes to SAN
CSCum77581	3	Some services after MM off not coming up in a timely manner
CSCum85537	3	CWMS 1.x - Not all countries are listed when creating a CSR
CSCum88800	3	LARGE DMZ:FIPS ON:Load issues for Video sharing using ext SiteURL

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR2

The caveats listed in the following table describe issues that were resolved in this release.

Table 17: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR2 (Build 2.0.1.205)

Identifier	Severity	Headline
CSCuo17528	2	OpenSSL Heartbleed Bug (CVE-2014-0160)

Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR1

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 18: Open Caveats in Cisco WebEx Meetings Server Release 2.0 MR1 (Build 2.0.1.107)

Identifier	Severity	Headline
CSCum68885	2	Users unable to join meeting unless host starts meeting from Web
CSCul48912	3	SSLGW killed by NM - SMALL HA DMZ continuous load run
CSCum66805	3	CWMS Log Collection results in heavy writes to SAN
CSCum77581	3	Some services after MM off not coming up in a timely manner
CSCum85537	3	CWMS 1.x - Not all countries are listed when creating a CSR
CSCum88800	3	LARGE DMZ:FIPS ON:Load issues for Video sharing using ext SiteURL

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR1

The caveats listed in the following table describe issues that were resolved in this release.

Table 19: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 MR1 (Build 2.0.1.107)

Identifier	Severity	Headline
CSCum96822	3	Grow fails to update expanded system to same version as source system

Open Caveats in Cisco WebEx Meetings Server Release 2.0

The caveats listed in the following table describe unexpected behavior in this release. Refer to Bug Search Tool for further details.

Table 20: Open Caveats in Cisco WebEx Meetings Server Release 2.0 (Build 2.0.1.2)

Identifier	Severity	Headline
CSCum68885	2	Users unable to join meeting unless host starts meeting from Web
CSCul48912	3	SSLGW killed by NM - SMALL HA DMZ continuous load run
CSCum66805	3	CWMS Log Collection results in heavy writes to SAN
CSCum77581	3	Some services after MM off not coming up in a timely manner
CSCum85537	3	CWMS 1.x - Not all countries are listed when creating a CSR
CSCum88800	3	LARGE DMZ:FIPS ON:Load issues for Video sharing using ext SiteURL

Resolved Caveats in Cisco WebEx Meetings Server Release 2.0

The caveats listed in the following table describe issues that were resolved in this release.

Table 21: Resolved Caveats in Cisco WebEx Meetings Server Release 2.0 (Build 2.0.1.2)

Identifier	Severity	Headline
CSCuj32654	1	SSLGW Session Connect Failed Due To Invalid Cookie JSESSIONID
CSCuj40077	1	CWMS Audio quality issues caused by RTC tick drifting
CSCul20389	1	Error running mctoolUpgrade(). Error code: 507
CSCul81686	1	CWMS admin flooding /trriage dir with logs
CSCui36487	2	Add HA or Enable Public Access fails after Grow using 1.1.1.9 OVA file
CSCuj41809	2	Select 'Server auth enabled', CWMS cannot connect mail server.

Identifier	Severity	Headline
CSCul30354	2	Replication stops after /db/ partition on secondary admin is filled up
CSCul47327	2	Users get deactivated due to creation date and not inactivity
CSCuh76157	2	documentation not mentioning ICMP echo is needed for deplmnt validation
CSCuj85393	2	Gyromain core file
CSCuj13973	2	RTP packet crashes MPE module in CWMS
CSCuj99830	2	SSLGW crash on CWMS
CSCui44039	2	attendee can't jbh if last meeting of Recurrence Meeting not initialized
CSCul78127	2	Rediness Check for established connection fails if Internal IP's NAT'd
CSCul94862	2	CWMS Update instructions must be corrected
CSCul98172	2	Adding HA with host name that starts with number(s) to primary failed
CSCuj71789	2	Intermittently users need to click more than once to join meetings
CSCul82580	2	Audio Quality Issues when the users are in Mute via the phone Button
CSCum58019	2	Database system audit table flooding
CSCub69687	3	PT: Don't support update a single occurrence meeting with PT.
CSCuh20090	3	Deactivate host account after x days occurs when disabled
CSCuh95370	3	Please include XMLAPI/URLAPI log within infocap
CSCui00212	3	Meeting report incorrect value
CSCui09539	3	CWMS reporting - Web Sharing minutes greater than duration of the conf
CSCui25358	3	Changing FQDN for VM gets hostname error
CSCui64590	3	TAL Services LTD:SSLGW cookie should have HttpOnly and Secure flag set
CSCui68457	3	TAL Services LTD: Please add the HttpOnly and Secure flag set(page)
CSCui68472	3	TAL Services LTD: Need the patch to Slowloris attack.
CSCui68483	3	TAL Services LTD: password entry fields should be tagged
CSCuj06685	3	Unable to sync users from CUCM with a UserID of more then 32 bytes
CSCuj10290	3	Gateway info cannot be changed properly with the current instruction
CSCuj44067	3	Can't do user lookup in meeting client if start instant meeting via PT
CSCuj47179	3	Session data is invalid in 'Meeting Report.csv'
CSCuj49288	3	'Announce name' doesn't work in the meeting which created from PT.

Identifier	Severity	Headline
CSCuj51131	3	Error popup after successfully generating report
CSCuj54342	3	Webex storage cannot be added
CSCuj80593	3	SSO can't be configured after DR - wrong permission on file
CSCuj85572	3	no escape character in handling Dyr Sync password
CSCul09763	3	PT: Can't update old meetings after change SSO to LDAP enabled site.
CSCul16741	3	Nigeria Country Code is missing
CSCul25327	3	Unable to create password for Administrator user
CSCul32847	3	Meeting Center version is incorrect in 1.5MR1
CSCul35798	3	Cannot reschedule meetings in Productivity Tools without signing out
CSCul63335	3	logo file permissions change upon updating.
CSCul66228	3	Updating user account settings stuck in loading
CSCul79267	3	CWMS 1.5 installation error when hostname with numeric charaters.
CSCui45309	3	Documentation - All fields are required for user import
CSCui56746	3	Meeting Center Plugin Failed to Install Due to Certificate Expiry
CSCuj13084	3	Certificate domain is case sensitive
CSCuj24760	3	idp sso initiate log will always forward to meeting list page
CSCul29941	3	Deployment fails with long hostname
CSCul73428	3	Default device pool should no be used for CWMS and CUCM Integration
CSCul17672	3	Document behavior when multiple accounts in CUCM use same email address
CSCul50499	3	Meeting Trends graph not displayed with Chrome 31
CSCuj43886	3	CWMS MeetingReport shows NA-NA Participants
CSCuj47223	3	admin doesn't receive infocap email intermittenly
CSCuj82149	3	Japanese Kanji charactors are garbled in CWMS Admin GUI.
CSCul18766	3	VAD is enabled by default on version 1.5
CSCuj26337	3	Primary admin status shows down on dashboard
CSCul03486	3	Phanton meeting shown on the dashboard
CSCul65872	3	Document licensing behavior for simultaneous meetings
CSCui41472	3	1.5 EFT: ELM not accessible error
CSCui55957	3	Include NBR logs in infocap.

Identifier	Severity	Headline
CSCul03355	3	Documentation RAID Configuration Requirements for Orion
CSCul16462	3	When using Hebrew Meeting Number shows up zzzzyyxxx instead of xxxyyyzzz
CSCui25181	3	Doc - OL scheduling w/ PT for alternate host generates two notifications
CSCui29057	3	End user prompted to install atinst.exe each time
CSCui45275	3	CSV headers should not be case sensitive for user import
CSCui54153	3	Accounts created via SSO on being reactivated sends wrong email template
CSCui86297	3	CWMS PT 2.80.500.179 won't allow for auto sign-in when using SSO
CSCuj90993	3	CWMS - Passwords validation fails when using a + sign
CSCul16439	3	Multiple invites when alternate host assigned.
CSCul83197	3	Infocap is empty
CSCul98122	3	CWMS is incorrectly consuming licenses for back to back meetings
CSCul99819	3	Solr always write info level logs to catalina.out
CSCum00024	3	Start/End time is diff between meeting and license last month report
CSCum01810	3	IRP log generation uses port 64700 from 1.5 site
CSCum20265	3	Unprocessed Tasks Stops Mixing Process And Causes Choppy Audio
CSCum40250	3	Licenses counting: Implementation of "JBH and 15 minutes grace period"
CSCum46358	3	ELM is inaccessible after upgrade until sync period has passed
CSCum53311	3	Document Alternate Host does not receive meeting recording notification
CSCum58985	3	CWMS Call In Feature Behavior
CSCul63726	3	Improperly formatted
CSCum35526	3	Puppet .yaml files are not automatically purged from the system
CSCul87097	3	Video is not recorded from all participants in the meeting
CSCum35787	3	Puppet reports consuming disk space
CSCum58164	3	Apache Tomcat logs do not have timestamps
CSCum58196	3	Apache Tomcat logs not included in infocap
CSCul81680	3	PT silent install force user to login each time after reboot
CSCum16003	3	Document Directory Integration HOST/ADMIN user behavior
CSCum18847	3	Document "Create Password" link expiration time

Identifier	Severity	Headline
CSCum57542	3	One end user can be in a meeting center meeting twice
CSCul44073	4	Specific port range between internal media VMs and media center
CSCug49001	4	SSO error codes listed with error messages
CSCul36080	4	Deactivate host due to inactivity definition
CSCul69923	4	CWMS SSO and LDAP synchronization docuemtation
CSCuj56401	4	config procedure table contains wrong links
CSCuh60854	4	Temporary license expiry warning even after permanent license uploaded
CSCum75113	4	Can't create tracking code group name the same as predefined group name
CSCuj71624	5	Incorrect national keyboard handling in the in-meeting Invite window
CSCul30490	5	Add to email template edit documentation
CSCum25722	5	CWMS VM responsible for sending out notification mail

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