Main page: Cisco Unified MeetingPlace, Release 7.0

Previous page: System Requirements

Make sure that user workstations meet the client requirements in this section, or provide these requirements to your users. All client machines must have separate Internet and telephony access for attending voice and web meetings. The recommended minimum bandwidth for web conferencing is a 56K modem connection. A lesser connection can slow down web-conferencing performance.

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Microsoft Windows

- Supported Operating Systems and Browsers
- Requirements for Participating in a Cisco Unified MeetingPlace Web Meeting
- Requirements for Sharing Desktop Content and Applications

Supported Operating Systems and Browsers

Table: Supported Web Browsers by Microsoft Windows Operating System Version

Operating System Version	Supported Web Browsers
Windows 7 Professional and Ultimate	• Microsoft Internet Explorer 8 and later • Mozilla Firefox 3.6 and later
Windows Vista Business	• Microsoft Internet Explorer 7 and later • Mozilla Firefox 2.0 and later
Windows XP (with SP1 or later)	• Microsoft Internet Explorer 6 with SP1 and later • Mozilla Firefox 1.5 and later
Windows 2000 (with SP4 or later)	• Microsoft Internet Explorer 6 with SP1 and later • Mozilla Firefox 1.5 and later

Requirements for Participating in a Cisco Unified MeetingPlace Web Meeting

- Adobe Flash Player Releases 6.0.79 - 9.0.124.
- *(Release 7.0.2 and later)* Adobe Flash Player 10.0.12.36
- *(Optional)* Audio player that plays WAV, WMA, or MP3 files.
- *(Optional, but strongly recommended)* TCP port 1627 open from client-to-server on your firewall for direct inbound access. If this port is not open, the meeting console establishes a slightly slower connection by tunneling through port 80.

Note: If you are using Adobe Flash Player 10, make sure that you install Flash Player separately from your installation of Internet Explorer or Mozilla FireFox. If you are using both Internet Explorer and Mozilla Firefox for web conferencing, install Flash Player from both interfaces.

Installing Adobe Flash Player on Internet Explorer 8

1. Go to the Adobe Flash Player download page at www.adobe.com.
2. From the Download page, click **Install**.
3. Download and install the Adobe Flash Player.

Installing Adobe Flash Player on FireFox 3.6

1. Go to the Adobe Flash Player download page at www.adobe.com.
2. From the Download page, click **Install**.
3. Install the Adobe Download Manager add-on (the message appears below the toolbar).
4. Restart FireFox.
5. Go to the Adobe Flash Player download page again.
6. Click **Install**.

   The previously installed Download Manager appears and the Adobe Flash Player is installed.

Requirements for Sharing Desktop Content and Applications

Cisco Unified Presenter Add-In (can be downloaded from the Browser Test link on the Web Conferencing home page or from within the meeting console).

NOTES:

- You must have administrator privileges on your computer to install the Cisco Unified Presenter Add-In. Corporate Software Distribution systems can also be used to deploy this plugin to all users within the company.
- After you download and install the Cisco Unified Presenter Add-In, you must log in to Cisco Unified MeetingPlace locally and not by using a roaming profile. Cisco Unified MeetingPlace does not support roaming profiles because in that case, your settings (including the add-in) are not stored locally but on a server drive.

Apple Mac

- Supported Operating Systems and Browsers
- Requirements for Participating in a Cisco Unified MeetingPlace Web Meeting
- Requirements for Sharing Desktop Content and Applications

Supported Operating Systems and Browsers

Table: Supported Web Browsers by Apple Mac Operating System Version

Operating System Version	Supported Web Browsers
Mac OS X 10.3 Panther	• Mozilla Firefox 1.5 and later • Mac Safari 1.3.2
Mac OS X 10.4.11 Tiger	• Mozilla Firefox 2.0 and later • Mac Safari 2.0.4 and later
Mac OS X 10.5.1 Leopard	• Mozilla Firefox 2.0 and later • Mac Safari 3.0.4 and later

Requirements for Participating in a Cisco Unified MeetingPlace Web Meeting

- Adobe Flash Player Releases 6.0.79 - 9.0.124.
- *(Release 7.0.2 and later)* Adobe Flash Player 10.0.12.36
- *(Optional)* Audio player that plays WAV, WMA, or MP3 files.

- *(Optional, but strongly recommended)* TCP port 1627 open from client-to-server on your firewall for direct inbound access. If this port is not open, the meeting console establishes a slightly slower connection by tunneling through port 80.

Note: If you are using Adobe Flash Player 10 with Mozilla Firefox, make sure that you install Flash Player separately from your installation of Mozilla FireFox.

Requirements for Sharing Desktop Content and Applications

Cisco Unified Presenter Add-In (can be downloaded from the Browser Test link on the Web Conferencing home page or from within the meeting console).

NOTE: You must have administrator privileges on your computer to install or use the Cisco Unified Presenter Add-In.

Restrictions and Limitations

The Cisco Unified Presenter Add-In, when used with Macs, can use almost all of the CPU. For example, using the Cisco Unified Presenter Add-In to watch a presenter's application sharing session can use up to 25% of the CPU on a MacBook dual core 2GHz. The CPU usage can spike to 40% when the presenter moves the mouse cursor and CPU usage can spike to 90-100% when the active speaker changes.

Reiinstalling Unified Presenter Add-in

The Unified Presenter Add-in is installed to your home directory in Library/Preferences/Macromedia/Flash Player/www.macromedia.com/bin/ciscounifiedaddin6x5. Deleting the ciscounifiedaddin6x5 folder causes the add-in to be re-installed the next time you click "Start Screen Sharing." The problem that prompted my re-install was participants seeing a black screen with small colored artifacts during screen sharing. Re-installing fixed the problem.

Sun Solaris

- Operating System
- Web Browser
- Requirements For Participating in a Cisco Unified MeetingPlace Web Meeting

Operating System

- Sun Solaris 9 or Sun Solaris 10

Web Browser

- Mozilla Firefox 1.5 and later

Requirements For Participating in a Cisco Unified MeetingPlace Web Meeting

- Adobe Flash Player Releases 8.0 - 9.0.124.
- *(Release 7.0.2 and later)* Adobe Flash Player 10.0.12.36
- *(Optional)* Audio player that plays WAV, WMA, or MP3 files.

Notes:

- Screen sharing and file sharing from the desktop are not available on Unix systems. Users on these systems can share a whiteboard or meeting attachment, view shared files and make annotations, but they cannot share files that reside on their systems with other participants.
- If you are using Adobe Flash Player 10 with Mozilla Firefox, make sure that you install Flash Player separately from your installation of Mozilla FireFox.

Red Hat Linux

- Operating System
- Web Browser
- Requirements For Participating in a Cisco Unified MeetingPlace Web Meeting

Operating System

One of the following:

- Red Hat Linux 9 or a later release
- Red Hat Enterprise Linux 3
- Red Hat Enterprise Linux 4

Web Browser

- Mozilla Firefox 1.5 or later

Requirements For Participating in a Cisco Unified MeetingPlace Web Meeting

- Adobe Flash Player Releases 8.0 - 9.0.124.
- *(Release 7.0.2 and later)* Adobe Flash Player 10.0.12.36
- *(Optional)* Audio player that plays WAV, WMA, or MP3 files.

Notes:

- Screen sharing and file sharing from the desktop are not available on Linux systems. Users on these systems can share a whiteboard or meeting attachment, view shared files and make annotations, but they cannot share files that reside on their systems with other participants.

- If you are using Adobe Flash Player 10 with Mozilla Firefox, make sure that you install Flash Player separately from your installation of Mozilla FireFox.