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Cisco Unified MeetingPlace for Outlook Requirements

Table: Requirements for Cisco Unified MeetingPlace for Outlook Release 6.0

System	Requirements
Microsoft Exchange Server	<ul style="list-style-type: none"> • <i>For Cisco Unified MeetingPlace Release 6.0 Maintenance Release 4 and earlier:</i> Exchange 2000 Server (Service Pack 2) or Exchange Server 2003, installed and running. • <i>For Cisco Unified MeetingPlace Release 6.0 Maintenance Release 5:</i> Exchange 2000 Server (Service Pack 2), Exchange Server 2003, or Exchange 2007 Server (Service Pack 1 Rollup 7) or Service Pack 2, installed and running. Also, the Exchange server must be configured to use SMTP relay for the Cisco Unified MeetingPlace account. <p>NOTE Cisco Unified MeetingPlace for Outlook is designed, tested, and certified against an Exchange server's inbound SMTP connector only. It may connect to other SMTP servers or platforms in your network but we do not guarantee or support its use in any way other than as part of an Exchange integration.</p> <ul style="list-style-type: none"> • A Windows user account that has an associated Exchange mailbox. This will be the Exchange mailbox for Cisco Unified MeetingPlace for Outlook. Note the following considerations: <ul style="list-style-type: none"> ◆ The Windows user account must have Local Administrator privileges, and the username and password for the account must match the username and password of the Cisco Unified MeetingPlace for Outlook mailbox. See Configuring the Default Microsoft Outlook Mailbox.) Log in with this account to install Cisco Unified MeetingPlace for Outlook. ◆ The logged-in user should have access to the default Outlook profile. ◆ This Exchange mailbox must be configured before installing Cisco Unified MeetingPlace for Outlook. ◆ The Exchange server and the Cisco Unified MeetingPlace for Outlook service component must reside on separate systems.
Cisco Unified MeetingPlace 8100 series Audio Server	<ul style="list-style-type: none"> • Cisco Unified MeetingPlace Audio Server Release 6.0.

	<ul style="list-style-type: none"> • The Audio Server must be installed and running with the Calendar and Notification option keys enabled. (For information on enabling the option keys, see Enabling Option Keys) • If there are multiple Cisco Unified MeetingPlace servers, each must have its own Cisco Unified MeetingPlace for Outlook server.
Windows server (hardware requirements)	<ul style="list-style-type: none"> • Cisco Unified MeetingPlace for Outlook must not be installed on a domain controller. • A TCP/IP connection to the Cisco Unified MeetingPlace Audio Server is required. • A Cisco Media Convergence Server (MCS), or the exact equivalent from HP or IBM, that is dedicated to Cisco Unified MeetingPlace applications. The number of Cisco MCSs that you require depends on the number of voice and web-conferencing user licenses (ports) on your Cisco Unified MeetingPlace system. <ul style="list-style-type: none"> NOTE For information about the Cisco MCS, go to http://www.cisco.com/en/US/partner/products/hw/voiceapp/ps378/index.html. ◆ Cisco MCS-7835-H1-RC1, MCS-7835-H2-RC1, MCS-7835-I1-RC1, or MCS-7835-I2-RC1. <ul style="list-style-type: none"> ◇ For systems up to 480 voice user licenses. ◇ Supports up to 50 web-conferencing user licenses. ◆ Cisco MCS-7845-H1-RC1, MCS-7845-H2-RC1, MCS-7845-I1-RC1, or MCS-7845-I2-RC1. <ul style="list-style-type: none"> ◇ For systems up to 1,152 voice user licenses. ◇ Supports up to 500 web-conferencing user licenses per server. ◇ If you have more than 50 web-conferencing user licenses, move the Cisco Unified MeetingPlace integrations (for example, Cisco Unified MeetingPlace for Outlook, SMTP E-Mail Gateway) to an MCS 7845 that is dedicated to web conferencing. • Add a dedicated MCS 7845 for each additional 200 web-conferencing user licenses.
Windows server software requirements	<ul style="list-style-type: none"> • Cisco MCS OS 2003.1.1 or later. (For installation and configuration instructions for the Cisco MCS operating system, see About the Cisco MCS.) • Apply only operating system updates and patches as provided by Cisco Systems. Updates taken directly from Microsoft and applied to Cisco MCS servers are not supported because they adversely affect the operation of the servers.

- For full functionality or for Client Services only (but not for notification services), on the Cisco MCS or Microsoft Windows server, Cisco Unified MeetingPlace Web Conferencing Release 6.0.

- Web Conferencing must be installed as an Internal (full access) installation and must be running as the primary Cisco Unified MeetingPlace web server.

- *For Cisco Unified MeetingPlace Release 6.0 Maintenance Release 4 and earlier:* One of the following Microsoft Outlook clients installed and configured to log in to the Exchange mailbox:
 - ◆ Outlook 2003
 - ◆ Outlook 2007 (SP 1 only -- We do not support Microsoft Outlook 2007 SP 2)

Collaboration Data Objects (CDO) version 6.5.7974.0 must be installed (this version complies with Daylight Savings Time). For Outlook 2003, select CDO as an option during setup; it is not loaded by default.

- *For Cisco Unified MeetingPlace Release 6.0 Maintenance Release 4 and earlier:* The default mail client on this computer must be set to Outlook.

- *For Cisco Unified MeetingPlace Release 6.0 Maintenance Release 4 and earlier:* The Outlook client must be completely installed to the local drive. Network installations are not supported.

- Cisco Unified MeetingPlace for Outlook does not support "thin clients" (Citrix or Terminal Server).

- *For Cisco Unified MeetingPlace Release 6.0 Maintenance Release 4 and earlier:* The Windows login must be identical to the login specified in the Cisco Unified MeetingPlace for Outlook service.

- *For Cisco Unified MeetingPlace Release 6.0 Maintenance Release 4 and earlier:* The Windows server and the Exchange Server should belong to the same domain unless they have a trust relationship between them.

	<ul style="list-style-type: none"> • For auto-authentication with Directory Services, Cisco Unified MeetingPlace Directory Services Release 5.4 or Release 6.0 must be installed with the Network Credentials field populated. (For more information on auto-authentication, see Logins Tab.) <p>Cisco Unified MeetingPlace usernames are case sensitive, and we recommend that all logins be created lowercase.</p>
Network requirements	<p>For the Windows server to communicate with the Cisco Unified MeetingPlace Audio Server, the following requirements must be met:</p> <ul style="list-style-type: none"> • In a networked PCI environment, the Windows server must be able to open a TCP connection on port 5003 when connecting to the primary Cisco Unified MeetingPlace Audio Server, and on port 5005 when connecting to each additional Audio Server. • In a standalone PCI or 8100 series environment, the Windows server must be able to open a TCP connection on ports 5003 and 5005 when connecting to the primary Cisco Unified MeetingPlace Audio Server. • When communicating with the Windows server, the IP address of the Cisco Unified MeetingPlace Audio Server must not be translated using a network address translation scheme. • Connectivity between the Windows server and its host Cisco Unified MeetingPlace Audio Server must be high quality and not subject to interruptions caused by traffic congestion. Any time the round-trip latency increases past 100 ms or there is more than 1 percent packet loss, a noticeable reduction in service quality can be expected.
End user system	<ul style="list-style-type: none"> • Microsoft Windows ME, Windows 2000 Professional, Windows 2000 SE with Service Pack 2, Windows 2000 AS with Service Pack 2, Windows XP, or Windows Server 2003. • An HTTP connection to Cisco Unified MeetingPlace for Outlook. • Microsoft Outlook: <ul style="list-style-type: none"> ◆ <i>For all versions of Cisco Unified MeetingPlace for Outlook:</i> Microsoft Outlook 2000 (SR 1), XP, or 2003. ◆ <i>For Cisco Unified MeetingPlace for Outlook Release 6.0 Maintenance Release 1 and later:</i> Microsoft Outlook 2000 (SR 1), XP, 2003, or 2007 version SP1. <p>NOTE: We do not support Microsoft Outlook 2007 version</p>

SP2 except in Cisco Unified MeetingPlace for Outlook Release 6.0 Maintenance Release 5.

- ◆ *For Cisco Unified MeetingPlace Release 6.0 Maintenance Release 5: Microsoft Outlook 2007 Service Pack 2.*

- CPU, hard-disk space, and RAM that meet the requirements for end users of Microsoft Outlook and Cisco Unified MeetingPlace Web Conferencing.

Capacity Information

For a single Cisco Unified MeetingPlace Audio Server operating at full capacity, one Cisco Unified MeetingPlace for Outlook server is sufficient.

Cisco Unified MeetingPlace for Outlook running on an MCS 7845 can support approximately 2,700 to 5,400 end-user requests per hour. A request occurs each time a user accesses a calendar appointment that involves Cisco Unified MeetingPlace for Outlook; that is, when a user opens an appointment that is associated with a Cisco Unified MeetingPlace meeting or clicks the MeetingPlace tab in an appointment. For planning purposes, you should calculate about two requests per hour per user as heavy usage.

If usage exceeds the guidelines above, users may experience slower performance.

If you expect to use the Cisco Unified MeetingPlace Web Conferencing server to its published maximum capacity, you should install Cisco Unified MeetingPlace for Outlook on a separate server. Otherwise, install Cisco Unified MeetingPlace for Outlook on the same server as Cisco Unified MeetingPlace Web Conferencing. If Cisco Unified MeetingPlace for Outlook is installed on the same server as Cisco Unified MeetingPlace Web Conferencing, there is a 20 percent reduction in the total web conferencing capacity cluster wide. For example, a Cisco Unified MeetingPlace Web Conferencing system with no SSL on a Cisco MCS 7845 will provide a maximum of 500 web conferencing sessions. If Cisco Unified MeetingPlace for Outlook is installed on the same machine, there is a 20 percent reduction; that is, only 400 web conferencing sessions are possible.