



## Preparing to Install the Cisco Unified MeetingPlace Express System

This chapter describes the steps you must take before you can install the Cisco Unified MeetingPlace Express system and includes the following topics:

- [Prerequisites for Installing the Cisco Unified MeetingPlace Express System, page 2-1](#)
- [System Requirements, page 2-2](#)
- [Worksheet 2-1: Cisco Unified MeetingPlace Express Installation Parameters for Release 1.2, page 2-3](#)



### Note

Some customers may choose to purchase a Cisco Media Convergence Server (MCS) along with the Cisco Unified MeetingPlace Express software. In this case, Cisco Systems ships the Cisco MCS server unformatted and you need to install the Cisco Unified MeetingPlace Express operating system and application on the server before you can start using it. Follow the steps in this chapter and in one of the following chapters to successfully install the Cisco Unified MeetingPlace Express system.

## Prerequisites for Installing the Cisco Unified MeetingPlace Express System

Ensure the following:

- You have the correct hardware and software. See the *Release Notes for Cisco Unified MeetingPlace Express Release 1.2* and the “[System Requirements](#)” section on [page 2-2](#).
- You have gathered the additional information about the operating system and application that you need. See one of the following planning worksheets:
  - [Worksheet 2-1: Cisco Unified MeetingPlace Express Installation Parameters for Release 1.2, page 2-3](#)
- You have enough disk space on your system. If you are upgrading your system and have many previous releases, you may run out of disk space. If this happens, contact Cisco TAC for information about freeing up disk space.

# System Requirements

All system requirements for the Cisco Unified MeetingPlace Express system, including the hardware and software supported, are listed in the *Release Notes for Cisco Unified MeetingPlace Express Release 1.2*. Be sure that you have read and understand the system requirements before you proceed with the installation.

Topics in this section include:

- [Port and IP Address Requirements, page 2-2](#)
- [Switch Requirements, page 2-2](#)

## Port and IP Address Requirements

The Cisco Unified MeetingPlace Express system has two network interfaces, labeled “port 1” and “port 2” on the rear panel of the Cisco MCS server. The operating system calls these network interfaces “eth0” and “eth1,” respectively.

**Note**

To reiterate, eth0 = port 1, and eth1 = port 2.

- Both eth0 and eth1 need individual IP addresses and distinct hostnames. The hostnames must be resolvable from any location to which you want to provide the web conferencing capability.
- Port 1 (eth0) is primarily used for voice media and HTTP signaling, the end-user web interface, and the Administration Center. The hostname associated with port 1 is the one that end users see.
- Port 2 (eth1) is used for web conferencing.
- If connectivity is lost to port 1 (eth0), no voice connectivity is possible. Port 2 (eth1) cannot be used as a redundancy solution.
- Both eth0 and eth1 must be on the same subnet.
- Changes to service bindings are not supported at this time. To clarify, audio and HTTP must use port 1 (eth0), while Real Time Messaging Protocol (RTMP) must use port 2 (eth1).

## Switch Requirements

- Ensure that the network configurations for port 1 (eth0) and port 2 (eth1) match the network configurations for the connected switch ports. Specifically:
  - If one side is set to 1000 Mbps full duplex, then also set the other side to 1000 Mbps full duplex.
  - If one side is set to autonegotiate, then also set the other side to autonegotiate.
- You may use either 100 or 1000 Mbps full duplex. We do not support 10 Mbps links.
- Your switch must be set to auto negotiation if your speed is set to 1000 Mbps. Otherwise, the interface will not synchronize with the switch and you will not see any network connectivity. If you look at the back of the switch, it will show no connectivity and if you look at the back of the eth0 server, no lights will be lit.

# Worksheet 2-1: Cisco Unified MeetingPlace Express Installation Parameters for Release 1.2

When you install Cisco Unified MeetingPlace Express, the system prompts you for information. You should have this information ready before installation. If you are unsure of any values, contact your network administrator.



## Caution

Be sure these are the correct values for system. It is difficult to change most of these values after the initial installation.

The fields are listed in the order in which they appear.

Field	Format	Section and Step
<b>For the system</b>		
Primary Primary DNS address <b>Note</b> Only used if you enable DNS.	ddd.ddd.ddd.ddd <sup>1</sup>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
Secondary The secondary DNS address <b>Note</b> Only used if you enable DNS.	ddd.ddd.ddd.ddd <sup>1</sup>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
Domain Name DNS search path <b>Note</b> Only used if you enable DNS.	<company_name>.com Example: cisco.com	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
<b>For Ethernet Port 1 (eth0)</b>		
Host Name An arbitrary name for the eth0 host.	This must be a Fully Qualified Domain Name (FQDN).  Can include any letters in upper or lower case, any numbers, period, and the dash symbol (-). Must be 32 characters or less and must start with a letter.  Example: mpxSystem.cisco.com	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
IP Address IP address for eth0	ddd.ddd.ddd.ddd <sup>1</sup>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2

Field	Format	Section and Step
Subnet Mask For eth0	ddd.ddd.ddd.ddd <sup>1</sup>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
Gateway Default gateway address for eth0	ddd.ddd.ddd.ddd <sup>1</sup>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
<b>For Ethernet Port 2 (eth1)</b>		
Host Name An arbitrary name for the eth1 host	This must be an FQDN. Can include any letters in upper or lower case, any numbers, period, and the dash symbol (-). Must be 32 characters or less and must start with a letter. Example: mpWeb.cisco.com	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
IP Address IP address for eth1	ddd.ddd.ddd.ddd <sup>1</sup>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
Subnet Mask For eth1	ddd.ddd.ddd.ddd <sup>1</sup>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
Gateway Default gateway address for eth1	ddd.ddd.ddd.ddd <sup>1</sup>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2
<b>For the system</b>		
Auto Negotiation Enables devices to automatically exchange information over a link.	<ul style="list-style-type: none"> <li>• On</li> <li>• Off</li> </ul>	Configuring the Cisco Unified MeetingPlace Express Server, page 3-2 Step 2 and Installing the Cisco Unified MeetingPlace Express Application, page 3-4 Step 10

Field	Format	Section and Step
<p>Speed (Full Duplex)</p> <p><b>Note</b> The value you enter here is only for the speed. Full duplex is the default duplex mode and is just listed here for informational purposes.</p> <p>The speed setting for the Ethernet ports, in Mbps.</p>	<ul style="list-style-type: none"> <li>• 100</li> <li>• 1000</li> </ul> <p><b>Note</b> If you choose 1000 Mbps, you must set auto negotiation to On.</p>	<p><a href="#">Configuring the Cisco Unified MeetingPlace Express Server, page 3-2</a></p> <p>Step 2</p> <p>and</p> <p><a href="#">Installing the Cisco Unified MeetingPlace Express Application, page 3-4</a></p> <p>Step 11</p>
<p>Duplex mode</p> <p>How information moves.</p> <p><b>Note</b> You cannot set the duplex mode during the operating system configuration, documented in the <a href="#">“Configuring the Cisco Unified MeetingPlace Express Server”</a> section on page 3-2. By default, it is set to full duplex. If you need to change the duplex mode to half duplex, change it during the application installation which is described in the <a href="#">“Installing the Cisco Unified MeetingPlace Express Application”</a> section on page 3-4.</p>	<ul style="list-style-type: none"> <li>• Full duplex</li> <li>• Half duplex</li> </ul> <p><b>Note</b> When transmitting voice across a data network, half duplex can cause packet collisions, which can result in degraded voice quality. Therefore, full duplex is the recommended choice in all cases. Half duplex should only be used when no full duplex switchport is available, and then only at a speed of 1000 Mbps.</p>	<p><a href="#">Installing the Cisco Unified MeetingPlace Express Application, page 3-4</a></p> <p>Step 11</p>
<p>Mail Server</p> <p>Mail server hostname. Used when sending e-mail from the console using the mail command</p> <p><b>Note</b> This is not the same as the mail server that you set in the Administration Center.</p>	<ul style="list-style-type: none"> <li>• ddd.ddd.ddd.ddd<sup>1</sup> or</li> <li>• Can include any letters in upper or lower case, any numbers, and the dash symbol (-). Must start with a letter.</li> </ul>	<p><a href="#">Configuring the Cisco Unified MeetingPlace Express Server, page 3-2</a></p> <p>Step 2</p>
<p>Time zone</p> <p>Where this system resides</p>	<p>Choose from the drop-down menu.</p>	<p><a href="#">Configuring the Cisco Unified MeetingPlace Express Server, page 3-2</a></p> <p>Step 4</p>

Field	Format	Section and Step
<p>Network Time Protocol server</p> <p>(Optional) We strongly recommend that you synchronize your Cisco Unified MeetingPlace Express system clock to an NTP server.</p> <p><b>Note</b> Windows servers usually are not set up to support NTP.</p>	<ul style="list-style-type: none"> <li>ddd.ddd.ddd.ddd<sup>1</sup> or</li> <li>can include any letters in upper or lower case, any numbers, and the dash symbol (-)</li> </ul>	<p><a href="#">Configuring the Cisco Unified MeetingPlace Express Server, page 3-2</a></p> <p>Step 5</p>
<p>Password</p> <p>For the root user</p>	<p>Must be at least 8 characters. Can include any printable ASCII characters including A-Z, a-z, 0-9, !"#\$\$%&amp;'()*+,-./:;&lt;=&gt;?@[\\]^_`{ }~</p> <p><b>Note</b> This password is case-sensitive.</p>	<p><a href="#">Installing the Cisco Unified MeetingPlace Express Application, page 3-4</a></p> <p>Step 12</p>
<p>Password</p> <p>For the mpadmin user</p>	<p>Must be at least 8 characters. Can include any printable ASCII characters including A-Z, a-z, 0-9, !"#\$\$%&amp;'()*+,-./:;&lt;=&gt;?@[\\]^_`{ }~</p> <p><b>Note</b> This password is case-sensitive.</p>	<p><a href="#">Installing the Cisco Unified MeetingPlace Express Application, page 3-4</a></p> <p>Step 13</p>

- For all IP addresses, the values in each quartet must range between 0 and 255.