



CHAPTER 3

Installing CTMS Administration Software

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Prerequisites

Before you install the Cisco TelePresence Multipoint Switch (CTMS) Administration software system files, you need the following equipment and information:

- Cisco TelePresence System (CTS) 1000 Release 1.1.1 and/or CTS 3000 Release 1.1.1 assembled and configured to support TelePresence conferencing. For more information, refer to the following guides:
 - *Cisco TelePresence System Release 1.1 Administrator's Guide*
 - *Cisco TelePresence 3000 Assembly, Use & Care, and Field Replacement Unit Guide*
 - *Cisco TelePresence 1000 Assembly and Field Replacement Unit Guide*
- Cisco MCS-7845-H2 Media Convergence Server, installed and connected to a Domain Name System (DNS) server and your network.
- Console able to access the Cisco MCS-7845-H2 Series Media Convergence Server.
- DVD that contains the CTMS Administration software application.
- Cisco Unified Communications Manager (CUCM) 5.1 or higher configured to support CTS Release 1.1 and integrated to work with CTMS, meaning that a SIP security profile, SIP trunk, and route pattern specific to CTMS have been created. For more information about CUCM for CTS configuration, refer to *Cisco Unified Communications Manager Installation Guide for the Cisco TelePresence System*.

Installing the CTMS Administration Software

To install the CTMS Administration software application:

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- Step 1** Insert the CTMS Administration software application DVD into the appropriate drive in the Cisco MCS-7800 Series Media Convergence Server and boot up the host.
- Step 2** **Media Check:** The system asks if you wish to perform a media check on the inserted DVD. Select *Yes* or *No* and press the Enter key. If you select *No*, the system bypasses the media check. If you select *Yes*, the system performs a checksum to make sure that the media on the DVD is intact. When the checksum has successfully completed, select *Okay* and press the Enter key.



Note If the checksum fails, it could be because of a problem with either the DVD or the DVD drive. The DVD or the DVD drive could need cleaning; the DVD data could be corrupted; or the software image you are trying to load could be the wrong image.

- Step 3** **Hard Drive Check:** The system then checks the status of the hard drives in the server. When cued to update BIOS, press the Enter key to continue.
- Step 4** **Platform Installation Wizard:** Select *Proceed* and press the Enter key to continue.
- Step 5** **Automatic Negotiation of Ethernet NIC Speed and Duplex:** Select *Yes* and press the Enter key to continue.
- Step 6** **DHCP:** Cisco Systems recommends that you use a static IP address instead of DHCP. Select *No* to define a specific static IP address and press the Enter key. Enter the following information:
- Hostname: Hostname of the CTMS server
 - IP Address: IP address of the CTMS server
 - IP Mask: Subnet mask for the CTMS server IP address
 - Gateway Address: IP address for the gateway to the CTMS server
- Select *Okay* and press the Enter key to continue.
- Step 7** **DNS Client:** Select *Yes* and press the Enter key. Enter the following information:
- Primary DNS: IP address of the primary DNS server
 - Secondary DNS: IP address of the secondary DNS server
 - Domain: Domain name for your company
- Select *Okay* and press the Enter key to continue.
- Step 8** **Platform Administrator Username and Password:** Enter the following information:
- Administration ID
 - Password
 - Confirm Password
- Select *Okay* and press the Enter key to continue.
- Step 9** **Certificate Information:** Enter the following information:
- Organization
 - Unit
 - Location

- State
- Country

Select *Okay* and press the Enter key to continue.

Step 10 Network Time Protocol (NTP) Client Information: Enter the following information:

- NTP Server 1: IP address of the primary NTP server
- NTP Server 2: IP address of the secondary NTP server
- NTP Server 3 through 5: IP addresses of additional NTP servers

Select *Okay* and press the Enter key to continue.



Note The NTP servers identified must be the same for CTMS, CTS and CTM. It is recommended that you provide at least three NTP servers.

Step 11 Platform Configuration Confirmation: Select *Okay* to continue with installation. select *Back* to go to previous screens in the installation procedure, or *Cancel* to abort the installation. When you have made your selection, press the Enter key. If you select *Okay*, platform and application installation takes approximately 30 to 45 minutes.

Step 12 After the CTMS Administration software application files have been installed, the system automatically reboots. The system then performs a check of the network connectivity and setup. If the system determines that any of the information you entered during the preceding steps is incorrect, a message is displayed on the console, giving you the following options:

- **Retry:** Select this option (and press the Enter key) to retry the installation procedure.
- **Review:** Select this option (and press the Enter key) if you need to change any of the data you entered during the preceding installation steps. If you select this option, navigate to the appropriate installation data entry screen, re-enter the data, and then proceed to the **Platform Configuration** screen to re-initiate installation.
- **Halt:** Select this option (and press the Enter key) if you need to abort installation.
- **Ignore:** Select this option (and press the Enter key) to ignore the system warning.

Step 13 After the network connectivity and setup check, the system reboots again. Following this reboot, the CTMS Administration software log-on screen is displayed. Enter your username and password to continue with CTMS Administration software configuration.
