



# Platform Status and Configuration

This chapter provides information on administering the system and contains the following topics:

- [Cluster Nodes](#)
- [Hardware Status](#)
- [Logs](#)
- [Network Status](#)
- [Installed Software](#)
- [System Status](#)

You can view the status of the operating system, platform hardware, or the network.

## Cluster Nodes

To view information on the nodes in the cluster, follow this procedure:

### Procedure

- Step 1** From the Cisco Unified Communications Operating System Administration window, navigate to **Show>Cluster**.  
The Cluster Nodes window displays.
- Step 2** For a description of the fields on the Cluster Nodes window, see [Table 3-1](#).

**Table 3-1** Cluster Nodes Field Descriptions

Field	Description
Hostname	Displays the complete hostname of the server.
IP Address	Displays the IP address of the server.
Alias	Displays the alias name of the server, when defined.
Type of Node	Indicates whether the server is a publisher node or a subscriber node.

# Hardware Status

To view the hardware status, follow this procedure:

## Procedure

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- Step 1** From the Cisco Unified Communications Operating System Administration window, navigate to **Show>Hardware**.

The Platform Hardware status window displays.

- Step 2** For descriptions of the fields on the Platform Hardware status window, see [Table 3-2](#).
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**Table 3-2 Platform Hardware Status Field Descriptions**

Field	Description
Hardware Platform	Displays the model identity of the platform server.
Number of Processors	Displays the number of processors in the platform server.
CPU Type	Displays the type of processor in the platform server.
Memory	Displays the total amount of memory in MBytes.
Detailed Report	Displays a detailed summary of the platform hardware.

# Logs

To view system logs, you must install the Cisco Unified CallManager Real-Time Monitoring Tool (RTMT). For more information on installing and using the RTMT, see the *Cisco Unified CallManager Serviceability Administration Guide*.

# Network Status

The network status information that displays depends on whether Network Fault Tolerance is enabled. When Network Fault Tolerance is enabled, Ethernet port 1 automatically takes over network communications if Ethernet port 0 fails. If Network Fault Tolerance is enabled, network status information displays for the network ports Ethernet 0, Ethernet 1, and Bond 0. If Network Fault Tolerance is not enabled, status information displays only for Ethernet 0.

To view the network status, follow this procedure:

## Procedure

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- Step 1** From the Cisco Unified Communications Operating System Administration window, navigate to **Show>Network**.

The Network Settings window displays.

Step 2 See [Table 3-3](#) for descriptions of the fields on the Network Settings window.

**Table 3-3 Network Settings Field Descriptions**

Field	Description
Status	Indicates whether the port is Up or Down for Ethernet ports 0 and 1.
DHCP	Indicates whether DHCP is enabled for Ethernet port 0.
MAC Address	Displays the hardware address of the port.
Speed	Displays the speed of the connection.
Duplex	Displays the duplex mode.
IP Address	Shows the IP address of Ethernet port 0 (and Ethernet port 1 if Network Fault Tolerance (NFT) is enabled).
IP Mask	Shows the IP mask of Ethernet port 0 (and Ethernet port 1 if NFT is enabled).
Link Detected	Indicates whether there is an active link.
Auto Negotiation	Indicates whether auto negotiation is active.
MTU	Displays the maximum transmission unit.
Queue Length	Displays the length of the queue.
Receive Statistics	Displays information on received bytes and packets.
Transmit Statistics	Displays information on transmitted bytes and packets.
Primary DNS	Displays the IP address of the primary domain name server.
Secondary DNS	Displays the IP address of the secondary domain name server.
Domain	Displays the domain of the server.
Gateway	Displays the IP address of the network gateway on Ethernet port 0.

## Installed Software

To view the software versions and installed software options, follow this procedure:

### Procedure

Step 1 From the Cisco Unified Communications Operating System Administration window, navigate to **Show>Software**.

The Software Packages window displays.

- Step 2** For a description of the fields on the Software Packages window, see [Table 3-4](#).

**Table 3-4** *Software Packages Field Descriptions*

Field	Description
Partition Versions	Displays the software version that is running on the active and inactive partitions.
Active Version Installed Software Options	Displays the versions of installed software options, including locales and dial plans, that are installed on the active version.
Inactive Version Installed Software Options	Displays the versions of installed software options, including locales and dial plans, that are installed on the inactive version.

## System Status

To view the system status, follow this procedure:

### Procedure

- Step 1** From the Cisco Unified Communications Operating System Administration window, navigate to **Show>System**.  
The System Status window displays.
- Step 2** See [Table 3-5 on page 3-4](#) for descriptions of the fields on the Platform Status window.

**Table 3-5** *Platform Status Field Descriptions*

Field	Description
Host Name	Displays the name of the Cisco MCS host where Cisco Unified Communications Operating System is installed.
Date/Time	Displays the date and time based on the continent and region that were specified during operating system installation.
Time Zone	Displays the time zone that was chosen during installation.
Locale	Displays the language that was chosen during operating system installation.
Product Ver	Displays the operating system version.
Platform Ver	Displays the platform version.
Uptime	Displays system uptime information.
CPU	Displays the percentage of CPU capacity that is idle, the percentage that is running system processes, and the percentage that is running user processes.

**Table 3-5 Platform Status Field Descriptions (continued)**

Field	Description
Memory	Displays information about memory usage, including the amount of total memory, free memory, and used memory in KBytes.
Disk/active	Displays the amount of total, free, and used disk space on the active disk.
Disk/inactive	Displays the amount of total, free, and used disk space on the inactive disk.
Disk/logging	Displays the amount of total, free, and disk space that is used for disk logging.

