



CHAPTER 4

Settings

Use the Settings options to display and change IP settings, host settings, and Network Time Protocol (NTP) settings.

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IP Settings

The IP Settings options allow you to view and change IP and port setting for the Ethernet connection and, on subsequent nodes, to set the IP address of the publisher.

This section contains the following topics:

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Ethernet Settings

The IP Settings window indicates whether Dynamic Host Configuration Protocol (DHCP) is active and also provides the related Ethernet IP addresses, as well as the IP address for the network gateway.

All Ethernet settings apply only to Eth0. You cannot configure any settings for Eth1. The Maximum Transmission Unit (MTU) on Eth0 defaults to 1500.

To view or change the IP settings, follow this procedure:

Procedure

- Step 1** From the Cisco Unified Communications Operating System Administration window, navigate to **Settings > IP > Ethernet**.

The Ethernet Settings window displays.

- Step 2** To modify the Ethernet settings, enter the new values in the appropriate fields. For a description of the fields on the Ethernet Settings window, see [Table 4-1](#).



Note If you enable DHCP, the Port and Gateway settings get disabled and cannot be changed.

- Step 3** To preserve your changes, click **Save**.



Caution

Changing IP address or host of a server can affect system performance. For detailed information, see *Changing the IP Address and Host Name for Cisco Unified Communications Manager Release 8.5(1)* at http://cisco.com/en/US/products/sw/voicesw/ps556/prod_maintenance_guides_list.html.

Procedure

Table 4-1 Ethernet Configuration Fields and Descriptions

Field	Description
DHCP	Indicates whether DHCP is Enabled or Disabled.
Hostname	Displays the host name of the server. Note If you run Cisco Unified Communications Manager on a virtualized server and you change this value, you must obtain a replacement license file that is registered to the calculated license MAC based on the new value.
IP Address	Displays the IP address of the system. Note If you run Cisco Unified Communications Manager on a virtualized server and you change this value, you must obtain a replacement license file that is registered to the calculated license MAC based on the new value.
Subnet Mask	Displays the IP subnet mask address.
Default Gateway	Shows the IP address of the network gateway.

Ethernet IPv6 Configuration Settings

Use the following procedure to enable and configure IPv6 on the server.



Note

All Ethernet settings apply only to Eth0. You cannot configure any settings for Eth1. The Maximum Transmission Unit (MTU) on Eth0 defaults to 1500.

Procedure

- Step 1** From the Cisco Unified Communications Operating System Administration window, navigate to **Settings > IP > Ethernet IPv6**.

The Ethernet IPv6 Configuration window displays.

Step 2 To modify the Ethernet settings, enter the new values in the appropriate fields. For a description of the fields on the Ethernet IPv6 Configuration window, see [Table 4-2](#).

Step 3 To preserve your changes, click **Save**.



Note If you check the Update with Reboot check box, the system reboots after you click Save. For the IPv6 settings to take effect, you must reboot the system.

Table 4-2 Ethernet IPv6 Configuration Fields and Descriptions

Field	Description
Enable IPv6	Check this check box to enable IPv6 on the server.
Address Source	Choose one of the following IP address sources: <ul style="list-style-type: none"> Router Advertisement DHCP Manual Entry/Mask Be aware that the three IP address sources are mutually exclusive. <p>Note Unless you specify Manual Entry, the IP Address and Mask fields remain read only.</p>
IPv6 Address	If you chose Manual Entry, enter the IPv6 address of the server; for example: fd6:2:6:96:21e:bff:fecc:2e3a
IPv6 Mask	If you chose Manual Entry, enter the IPv6 mask; for example: 64
Update with Reboot	If you want the system to reboot immediately after you click Save, check this check box. If you want to reboot later, leave the check box blank. <p>Note For the IPv6 settings to take effect, you must reboot the system.</p>

Publisher Settings

On subsequent or subscriber nodes, you can view or change the IP address of the first node or publisher for the node.



Note For detailed instructions about changing the IP address and hostname of servers in a cluster, see *Changing the IP Address and Host Name for Cisco Unified Communications Manager Release 8.5(1)* at http://cisco.com/en/US/products/sw/voicesw/ps556/prod_maintenance_guides_list.html.

To view or change the publisher IP settings, follow this procedure:

Procedure

Step 1 From the Cisco Unified Communications Operating System Administration window, navigate to **Settings > IP > Publisher**.

The Publisher Settings window displays.



Note You can only view and change the publisher IP address on subsequent nodes of the cluster, not on the publisher itself.

Step 2 Enter the new publisher IP address.

Step 3 Click **Save**.

Changing IP Address on a Subsequent Cisco Unified Communications Manager Node

If the IP address of the first Cisco Unified Communications Manager node gets changed while a subsequent node is offline, you may not be able to log in to Cisco Unified Communications Manager Administration on the subsequent node. If this occurs, follow this procedure:

Procedure

Step 1 Log in directly to operating system administration on the subsequent node by using the following IP address:

`http://server-name/iptplatform`

where *server-name* specifies the host name or IP address of the subsequent node.

Step 2 Enter your Administrator user name and password and click **Submit**.

Step 3 Navigate to **Settings > IP > Publisher**.

Step 4 Enter the new IP address for the publisher and click **Save**.

Step 5 Restart the subsequent node.

NTP Servers

Ensure that external NTP servers are stratum 9 or higher (1-9). To add, delete, or modify an external NTP server, follow this procedure:



Note You can only configure the NTP server settings on the first node or publisher.

Procedure

Step 1 From the Cisco Unified Communications Operating System Administration window, navigate to **Settings > NTP Servers**.

The NTP Server Settings window displays.

Step 2 You can add, delete, or modify an NTP server:



Note To avoid potential compatibility, accuracy, and network jitter problems, the external NTP servers that you specify for the primary node should be NTP v4 (version 4). If you are using IPv6 addressing, external NTP servers must be NTP v4.



Note If you run Cisco Unified Communications Manager on a virtualized server and you change this value, you must obtain a replacement license file that is registered to the calculated license MAC based on the new value.

- To delete an NTP server, check the check box in front of the appropriate server and click **Delete**.
- To add an NTP server, click **Add**, enter the hostname or IP address, and then click **Save**.
- To modify an NTP server, click the IP address, modify the hostname or IP address, and then click **Save**.



Note Any change that you make to the NTP servers can take up to 5 minutes to complete. Whenever you make any change to the NTP servers, you must refresh the window to display the correct status.

Step 3 To refresh the NTP Server Settings window and display the correct status, choose **Settings > NTP**.



Note After deleting, modifying, or adding the NTP server, you must restart all other nodes in the cluster for the changes to take affect.

SMTP Settings

The SMTP Settings window allows you to view or set the SMTP hostname and indicates whether the SMTP host is active.



Tip

If you want the system to send you e-mail, you must configure an SMTP host.

To access the SMTP settings, follow this procedure:

Procedure

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

The SMTP Settings window displays.

Step 2 Enter or modify the SMTP hostname or IP address.

Step 3 Click **Save**.

Time Settings

To manually configure the time, follow this procedure:

**Note**

Before you can manually configure the server time, you must delete any NTP servers that you have configured. See the [“NTP Servers” section on page 4-4](#) for more information.

**Caution**

If you enter a time that is before the time when Cisco Unified Communications Manager was installed on the server, the digital certificates that the server uses for security become invalid, causing the web server (Tomcat) to stop working. If this happens, you must regenerate the certificates.

Procedure

- Step 1** From the Cisco Unified Communications Operating System Administration window, navigate to **Settings > Time**.
- Step 2** Enter the date and time for the system.
- Step 3** Click **Save**.
- Step 4** On a Cisco Unity Connection server, if you changed the date or if you changed the time by more than two minutes, use the CLI command **utils system restart** to restart the server.

