



# Introduction

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This chapter comprises the following topics:

- [Cisco Unified Presence Server Serviceability Overview, page 1-1](#)
- [Accessing Cisco Unified Presence Server Serviceability, page 1-2](#)
- [Using Hypertext Transfer Protocol over Secure Sockets Layer \(HTTPS\), page 1-3](#)
- [Using the Cisco Unified Presence Server Serviceability Interface, page 1-5](#)
- [Accessibility Features, page 1-6](#)
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## Cisco Unified Presence Server Serviceability Overview

Cisco Unified Presence Server Serviceability, a web-based troubleshooting tool for Cisco Unified Presence Server, provides the following functionality:

- Saves Cisco Unified Presence Server services alarms and events for troubleshooting and provides alarm message definitions.
- Saves Cisco Unified Presence Server services trace information to various log files for troubleshooting. Administrators can configure, collect, and view trace information.
- Monitors real-time behavior of the components in a Cisco Unified Presence Server cluster through the real-time monitoring tool (RTMT).
- Provides feature services that you can activate, deactivate, and view through the Service Activation window.
- Provides an interface for starting and stopping feature and network services.
- Archives reports that are associated with Cisco Unified Presence Server Serviceability tools.
- Allows Cisco Unified Presence Server to work as a managed device for SNMP remote management and troubleshooting.
- Monitors the disk usage of the log partition on a server (or all servers in the cluster).

# Accessing Cisco Unified Presence Server Serviceability

To access Cisco Unified Presence Server Serviceability, perform the following procedure:

## Procedure

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- Step 1** By using Netscape 7.1 (or later) or Internet Explorer 6.0 (or later), browse into the Cisco Unified Presence Server 1.0 server where Cisco Unified Presence Server Serviceability service runs.



**Tip** In the supported browser, enter **https://<server name or IP address>:8443**, where server name or IP address equals the server where the Cisco Unified Presence Server Serviceability service runs and 8443 equals the port number for HTTPS.

If you enter **http://<server name or IP address>:8080** in the browser, the system redirects you to use HTTPS. HTTP uses the port number, 8080.

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- Step 2** Click the **Cisco Unified Presence Server Administration** link.
- Step 3** If the system prompts you about certificates, see the [“Using Hypertext Transfer Protocol over Secure Sockets Layer \(HTTPS\)”](#) section on page 1-3.
- Step 4** The first time that the system prompts you for a user name and password, enter **CCMAdministrator** for the username and the application user password you specified during installation for the password.



**Tip** Any user with the Standard CCMUsers role assigned can access Cisco Unified Presence Server Serviceability. For information on how to assign this role to a user, refer to the *Cisco Unified Presence Server Administration Guide*.

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- Step 5** After Cisco Unified Presence Server Administration displays, choose **Serviceability** from the Navigation drop-down list box in the upper, right corner of the window.
- Cisco Unified Presence Server Serviceability displays.



**Tip** To return to the Cisco Unified Presence Server Serviceability main window at any time during the configuration, click Home in the upper, right corner of the application window.

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## Additional Information

See the [Related Topics, page 1-7](#).

# Using Hypertext Transfer Protocol over Secure Sockets Layer (HTTPS)

This section contains information on the following topics:

- [HTTPS Overview for Internet Explorer, page 1-3](#)
- [Saving the Certificate to the Trusted Folder in Internet Explorer, page 1-3](#)

Hypertext Transfer Protocol over Secure Sockets Layer (SSL), which secures communication between the browser client and the Tomcat web server, uses a certificate and a public key to encrypt the data that is transferred over the internet. HTTPS, which ensures the identity of the server, supports applications, such as Cisco Unified Presence Server Serviceability. HTTPS also ensures that the user login password is transported securely via the web.

## HTTPS Overview for Internet Explorer

The first time that you (or a user) accesses Cisco Unified Presence Server Administration or other Cisco Unified Presence Server SSL-enabled virtual directories after the Cisco Unified Presence Server 1.0 installation/upgrade, a Security Alert dialog box asks whether you trust the server. When the dialog box displays, you must perform one of the following tasks:

- By clicking Yes, you choose to trust the certificate for the current web session only. If you trust the certificate for the current session only, the Security Alert dialog box displays each time that you access the application: that is, until you install the certificate in the trusted folder.
- By clicking View Certificate > Install Certificate, you intend to perform certificate installation tasks, so you always trust the certificate. If you install the certificate in the trusted folder, the Security Alert dialog box does not display each time that you access the web application.
- By clicking No, you cancel the action. No authentication occurs, and you cannot access the web application. To access the web application, you must click Yes or install the certificate via the View Certificate > Install Certificate options.



### Note

The system issues the certificate by using the hostname. If you attempt to access a web application by using the IP address, the Security Alert dialog box displays, even though you installed the certificate on the client.

### Additional Information

See the [Related Topics, page 1-7](#).

## Saving the Certificate to the Trusted Folder in Internet Explorer

To save the CA Root certificate in the trusted folder, so the Security Alert dialog box does not display each time that you access the web application, perform the following procedure:

### Procedure

- Step 1** Browse to the application on the Tomcat web server.
- Step 2** When the Security Alert dialog box displays, click **View Certificate**.

- Step 3** In the Certificate pane, click **Install Certificate**.
- Step 4** Click **Next**.
- Step 5** Click the **Place all certificates in the following store** radio button; click **Browse**.
- Step 6** Browse to **Trusted Root Certification Authorities**.
- Step 7** Click **Next**.
- Step 8** Click **Finish**.
- Step 9** To install the certificate, click **Yes**.  
A message states that the import was successful. Click **OK**.
- Step 10** In the lower, right corner of the dialog box, click **OK**.
- Step 11** To trust the certificate, so you do not receive the dialog box again, click **Yes**.

#### Additional Information

See the [Related Topics, page 1-7](#).

## Using Netscape to Save the Certificate to the Trusted Folder

When you use HTTPS with Netscape, you can view the certificate credentials, trust the certificate for one session, trust the certificate until it expires, or not trust the certificate at all.



#### Tip

If you trust the certificate for one session only, you must repeat this procedure each time that you access the HTTPS-supported application. If you do not trust the certificate, you cannot access the application.

Perform the following procedure to save the certificate to the trusted folder:

#### Procedure

- Step 1** Browse to the application, for example, Cisco Unified Presence Server Serviceability, by using Netscape.

The certificate authority dialog box displays.

- Step 2** Click one of the following radio buttons:
- Accept this certificate for this session
  - Do not accept this certificate and do not connect
  - Accept this certificate forever (until it expires)



**Note** If you choose Do not accept, the application does not display.



**Note** To view the certificate credentials before you continue, click **Examine Certificate**. Review the credentials, and click **Close**.

- Step 3** Click **OK**.  
The Security Warning dialog box displays.
- Step 4** Click **OK**.

#### Additional Information





See the [Related Topics, page 1-7](#).

## Using the Cisco Unified Presence Server Serviceability Interface









In addition to performing troubleshooting and service-related tasks in Cisco Unified Presence Server Serviceability, you can perform the following tasks:

- To display documentation for a single window, choose **Help > This page** in Cisco Unified Presence Server Serviceability.
- To display a list of documents that are available with this release of Cisco Unified Presence Server (or to access the online help index), choose **Help > Contents > Contents and Index** in Cisco Unified Presence Server Serviceability.
- To go directly to the home page in Cisco Unified Presence Server Serviceability from a configuration window, click the **Home** link in the upper, right corner of the window.
- To access Cisco Unified Presence Server Administration or other applications, choose the appropriate application from the **Navigation** drop-down list box in the upper, right corner of the window.
- To use the icons in Cisco Unified Presence Server Serviceability, see [Table 1-1](#).

**Table 1-1** *Icons in Cisco Unified Presence Server Serviceability*

Icon	Purpose
	Adds a new configuration
	
	Cancels the operation
	Clears the configuration that you specify

**Table 1-1** *Icons in Cisco Unified Presence Server Serviceability (continued)*

Icon	Purpose
	Deletes the configuration that you choose
	Shows the online help for the configuration
	Refreshes the window to display the latest configuration
	Restarts the service that you choose
	Saves the information that you entered
	Sets the default for the configuration
	Starts the service that you choose
	Stops the service that you choose

## Accessibility Features

Cisco Unified Presence Server Serviceability Administration provides functionality for users that allows them to access buttons on the window without using a mouse. These navigation shortcuts assist visually impaired or blind attendants to use the application.

Use [Table 1-2](#) as a guide for navigating the interface by using keyboard shortcuts.

**Table 1-2** *Navigation Shortcuts for Cisco Unified Presence Server Serviceability*

Keystroke	Action
Alt	Moves focus to the browser menu bar.
Enter	Chooses the item with focus (menu option, button, and so on.)
Alt, arrow keys	Moves between browser menus.
Spacebar	Toggles control; for example, checks and unchecks a check box.
Tab	Moves focus to the next item in the tab order or to next control group
Shift+Tab	Moves focus to the previous item or group in the tab order
Arrow keys	Moves among controls within a group
Home	Moves to the top of the window if more than one screenful of information exists. Also, moves to the beginning of a line of user-entered text.
End	Moves to the end of a line of user-entered text. Moves to the bottom of the window if more than one screenful of information exists.
Page Up	Scrolls up one screen.
Page Down	Scrolls down one screen.

## Where to Find More Information

- *Cisco Unified Presence Server Administration Guide*

### Additional Information

See the [Related Topics](#), page 1-7.

## Related Topics

- [Using Hypertext Transfer Protocol over Secure Sockets Layer \(HTTPS\)](#), page 1-3
- [HTTPS Overview for Internet Explorer](#), page 1-3
- [Saving the Certificate to the Trusted Folder in Internet Explorer](#), page 1-3

