

Service Parameters Configuration

Service parameters for Cisco Unified Presence Server allow you to configure different services on selected servers. You can view a list of parameters and their descriptions by clicking the question mark button in the Service Parameters Configuration window. You can view the list with a particular parameter at the top by clicking that parameter.

If you deactivate a service by using Cisco Unified Presence Server Serviceability, Cisco Unified Presence Server retains any updated service parameter values. If you start the service again, Cisco Unified Presence Server sets the service parameters to the changed values.

Before You Begin

Ensure the following prerequisites are met before proceeding with the steps:

- Make sure that servers are configured. Refer to the [“Server Configuration” section on page 2-1](#) for more information.
- Make sure that the service is available on the servers. The Service Parameter Configuration window displays all the available services (active or not active).



Caution

Some changes to service parameters may cause system failure. Cisco recommends that you do not make any changes to service parameters unless you fully understand the feature that you are changing or unless the Cisco Technical Assistance Center (TAC) specifies the changes.

Use the following topics to configure or display service parameters:

- [Configuring Service Parameters for a Service on a Server, page 3-1](#)
- [Displaying Parameters for a Service, page 3-3](#)

Configuring Service Parameters for a Service on a Server

Use the following procedure to configure the service parameters for a particular service on a particular server.

Procedure

- Step 1** Choose **System > Service Parameters**.
- Step 2** From the Server drop-down list box, choose a server.

- Step 3** From the Service drop-down list box, choose the service that contains the parameter that you want to update.



Note The Service Parameter Configuration window displays all services (active or not active).

The Service Parameters Configuration window displays.

- Step 4** Update the appropriate parameter value. To set all service parameters for this instance of the service to the default values, click the **Set to Default** button.

To view a list of parameters and their descriptions, click the question mark button as shown in [Figure 3-1](#). To view the list with a particular parameter at the top, click that parameter in the Service Parameters Configuration window.

Figure 3-1 Service Parameter Configuration Window

The screenshot shows the 'Service Parameter Configuration' window for 'Cisco AMC Service (Active)' on server 'docserver5 (Active)'. The window displays a table of parameters with their current values and suggested default values. A question mark icon is visible in the top right of the table area.

Parameter Name	Parameter Value	Suggested Value
Clusterwide Parameters (Parameters that apply to all servers)		
Primary Collector *	docserver5	
Failover Collector	< None >	
Data Collection Enabled *	True	True
Data Collection Polling Rate *	30	30
Server Synchronization Period *	60	60
RMI Port Number *	1099	1099
AlertMgr Enabled *	True	True
Logger Enabled *	True	True
Alarm Enabled *	False	False
Perfmon Log Deletion Age *	2	2

Buttons: Save, Set to Default

Legend: * indicates required item.

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Note Some services contain service parameters that should rarely be changed. Cisco Unified Presence Server Administration does not automatically display these parameters when you access the Service Parameters Configuration window. To view all parameters, click **Advanced**. After all parameters display, you can redisplay the basic parameters by clicking **Condensed**. If the **Advanced** button is disabled, all parameters for that service display by default.

- Step 5** Click **Save**.

The window refreshes, and Cisco Unified Presence Server updates the service parameter with your changes.

Additional Information

See the “[Related Topics](#)” section on page 3-4.

Displaying Parameters for a Service

You may need to compare all service parameters that belong to a particular service on all servers in a cluster. You may also need to display only out-of-sync parameters (that is, service parameters for which values differ from one server to another) or parameters that have been modified from the suggested value.

Use the following procedure to display the service parameters for a particular service on all servers in a cluster.

Procedure

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- Step 1** Choose **System > Service Parameters**.
 - Step 2** From the Server drop-down list box, choose a server.
 - Step 3** From the Service drop-down list box, choose the service for which you want to display the service parameters on all servers in a cluster.



Note The Service Parameter Configuration window displays all services (active or not active).

- Step 4** In the Service Parameters Configuration window that displays, choose **Parameters for All Servers in the Related Links drop-down list box**; then, click **Go**.

The Parameters for All Servers window displays. For the current service, the list shows all parameters in alphabetical order. For each parameter, the suggested value displays next to the parameter name. Under each parameter name, a list of servers that contain this parameter displays. Next to each server name, the current value for this parameter on this server displays.

For a given parameter, click on the server name or on the current parameter value to link to the corresponding service parameter window to change the value. Click **Previous** and **Next** to navigate between Parameters for All Servers windows.

- Step 5** If you need to display out-of-sync service parameters, choose **Out of Sync Parameters for All Servers in the Related Links drop-down list box**; then, click **Go**.

The Out of Sync Parameters for All Servers window displays. For the current service, service parameters that have different values on different servers display in alphabetical order. For each parameter, the suggested value displays next to the parameter name. Under each parameter name, a list of servers that contain this parameter displays. Next to each server name, the current value for this parameter on this server displays.

For a given parameter, click on the server name or on the current parameter value to link to the corresponding service parameter window to change the value. Click **Previous** and **Next** to navigate between Out of Sync Parameters for All Servers windows.

- Step 6** If you need to display service parameters that have been modified from the suggested value, choose **Modified Parameters for All Servers in the Related Links drop-down list box**; then, click **Go**.

The Modified Parameters for All Servers window displays. For the current service, service parameters that have values different from the suggested values display in alphabetical order. For each parameter, the suggested value displays next to the parameter name. Under each parameter name, a list of servers that have different values from the suggested values displays. Next to each server name, the current value for this parameter on this server displays.

For a given parameter, click on the server name or on the current parameter value to link to the corresponding service parameter window to change the value. Click **Previous** and **Next** to navigate between Modified Parameters for All Servers windows.

Additional Information

See the [“Related Topics”](#) section on page 3-4.

Related Topics

- [Displaying Parameters for a Service, page 3-3](#)
- [Configuring Service Parameters for a Service on a Server, page 3-1](#)