



Configuring Service Parameters

Service Parameters for Cisco CallManager (release 3.0 and later) allows you to configure different services on selected servers. You can insert and delete services on a selected server, as well as insert, modify, and delete the service parameters for those services. Refer to the “Service Parameter Restart Conditions” section on page 35-2 for information on when a restart of Cisco CallManager is required for certain parameters.



Note

The previous statements only apply to the Cisco CallManager database. Services must be installed in the database for them to work. For example, if you add a conference bridge to the database, it may not physically exist. It will only be installed if you chose Media Streaming Off during installation.

The Service Parameters application also provides the following lists:

- Configured servers in the system
- All configured services on a selected server



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. Read the “Understanding Service Parameters” section on page 10-1 for more detailed service parameter information.

Related Topics

- Understanding Service Parameters, page 10-1
- Service Parameter Restart Conditions, page 35-2
- Adding a New Service on a Server, page 35-3
- Deleting a Service From a Server, page 35-4
- Adding a New Service Parameter, page 35-5
- Updating a Service Parameter, page 35-7
- Deleting a Service Parameter, page 35-9

Service Parameter Restart Conditions

If you modify any of the following service parameters, you must restart the Cisco CallManager before the modifications take effect:

- Digital Port
- Ethernet Phone Port
- Analog Port
- MGCP Listen Port
- MGCP Keep-alive Port
- MessageWaitingOffDN
- MessageWaitingOnDN
- StatisticsEnabled
- MaxDaResponseTimeoutErrorCount
- MaxTotalNumberOfRegisteredCallingEntities

**Note**

These restart conditions apply starting with release 3.0(7) of the Cisco CallManager.

Related Topics

- Configuring Service Parameters, page 35-1
- Understanding Service Parameters, page 10-1
- Adding a New Service on a Server, page 35-3
- Deleting a Service From a Server, page 35-4
- Adding a New Service Parameter, page 35-5
- Updating a Service Parameter, page 35-7
- Deleting a Service Parameter, page 35-9

Adding a New Service on a Server

This section describes how to add a new service on a server.

Before You Begin

Ensure the following prerequisite is met before proceeding with the steps:

- Servers must be configured.

Procedure

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- Step 1** Open Cisco CallManager Administration.
 - Step 2** Choose **Service > Service Parameters**.
 - Step 3** Choose a configured server from the list of configured servers on the left side of the page. The page refreshes to the server you selected, showing the services already configured on that server.
 - Step 4** Click **New**. The page refreshes again.
 - Step 5** From the Service Type drop-down menu, choose a service type to configure on this server. The page refreshes.
 - Step 6** Click **Insert** to configure the service type. A status message prompts you to wait. The system loads the service type you selected after the service type is inserted.
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Related Topics

- Configuring Service Parameters, page 35-1
- Understanding Service Parameters, page 10-1
- Service Parameter Restart Conditions, page 35-2
- Deleting a Service From a Server, page 35-4
- Adding a New Service Parameter, page 35-5
- Updating a Service Parameter, page 35-7
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Deleting a Service From a Server

This section describes how to delete service from a server.

Before You Begin

Ensure the following prerequisites are met before proceeding with the steps. See the “Server” section on page 11-1.

- Servers must be configured.
- Service must be present.

Procedure

- Step 1** Open Cisco CallManager Administration.
- Step 2** Choose **Service > Service Parameters**.
- Step 3** From the list of configured servers on the left side of the page, choose the configured server from which you want to delete a service. The page refreshes to the server you selected, showing the services already configured on that server. The drop-down list box under Configured Services lists the configured services.
- Step 4** Choose the configured service you want to delete. The page refreshes again.

- Step 5** Click **Delete Service**. A message displays stating that you are about to permanently delete this service and that the action cannot be undone.
- Step 6** Click **OK** to continue or **Cancel** to cancel the deletion.
The service type no longer appears in the drop-down list.
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Related Topics

- Configuring Service Parameters, page 35-1
- Understanding Service Parameters, page 10-1
- Service Parameter Restart Conditions, page 35-2
- Adding a New Service on a Server, page 35-3
- Adding a New Service Parameter, page 35-5
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Adding a New Service Parameter

This section describes how to add a new service parameter.

Before You Begin

Ensure the following prerequisites are met before proceeding with the steps. See the “Server” section on page 11-1.

- Servers must be configured.
- Service must be configured.



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. Refer to the “Understanding Service Parameters” section on page 10-1 for more information about service parameters.

Procedure

- Step 1** Open Cisco CallManager Administration.
- Step 2** Choose **Service > Service Parameters**.
- Step 3** Choose a configured server from the list of configured servers on the left side of the page. The page refreshes to the list of configured services.
- Step 4** Choose the service to which you want to add a new parameter. The page refreshes again.
- Step 5** Enter the service parameter name you want to add in the Param field.
- Step 6** Enter the parameter type in the Type field.
- Step 7** Enter a value in the Value field.
- Step 8** Click **Update**. A status message prompts you to wait. The page refreshes, and the status message displays results.

The service parameter you added appears in the list of configured service parameters.



Note If you want to use default settings, click **Default**. A message displays stating that you are about to permanently delete all the previous settings and replace them with the default settings. Click **OK** if you wish to use the default settings or **Cancel** to cancel the operation.

Related Topics

- Configuring Service Parameters, page 35-1
- Understanding Service Parameters, page 10-1
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Updating a Service Parameter

This section describes how to update a service parameter.

Before You Begin

Ensure the following prerequisites are met before proceeding with the steps. See the “Server” section on page 11-1 for more information.

- Servers must be configured.
- Service must be configured.



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. Refer to the “Understanding Service Parameters” section on page 10-1 for more information about service parameters.

Procedure

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- Step 1** Open Cisco CallManager Administration.
 - Step 2** Choose **Service > Service Parameters**.
 - Step 3** Choose a configured server from the list of configured servers on the left side of the page. The page refreshes to the list of configured services.
 - Step 4** Choose the service to which you want to update a parameter. The page refreshes again.
 - Step 5** Choose the parameter you want to update from the list of configured service parameters.



Note Refer to the “Understanding Service Parameters” section on page 10-1 for more information before updating service parameters.

- Step 6** Using the Param, Type, and Value fields, make the desired changes to the parameter.



Note You can change a service parameter type only if it is added. You cannot change default value types.

Step 7 Click **Update**. A status message prompts you to wait. The page refreshes, and the status message displays results.

The Cisco CallManager updates the service parameter with your changes.



Note If you want to use default settings, click **Default**. A message displays stating that you are about to permanently delete all the previous settings and replace them with the default settings. Click **OK** if you want to use the default settings or **Cancel** to cancel the operation.

Related Topics

- Configuring Service Parameters, page 35-1
- Understanding Service Parameters, page 10-1
- Service Parameter Restart Conditions, page 35-2
- Adding a New Service on a Server, page 35-3
- Deleting a Service From a Server, page 35-4
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Deleting a Service Parameter

This section describes how to delete a service parameter.

Before You Begin

Ensure the following prerequisites are met before proceeding with the steps. See the “Server” section on page 11-1 and the “Understanding Service Parameters” section on page 10-1 for more information.

- Servers must be configured.
- Service must be configured.



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. Refer to the “Understanding Service Parameters” section on page 10-1 for more information about service parameters.

Procedure

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- Step 1** Open Cisco CallManager Administration.
 - Step 2** Choose **Service > Service Parameters**.
 - Step 3** Choose a configured server from the list of configured servers on the left side of the page. The page refreshes to the list of configured services.
 - Step 4** From the Configured Services list, choose the service type from which you want to delete a service parameter. The page refreshes again.
 - Step 5** Choose the service parameter you want to delete.
 - Step 6** Click **Delete**. A message displays stating that you are about to permanently delete this parameter and that this action cannot be undone.
 - Step 7** Click **OK** to continue or **Cancel** to cancel the deletion.

A status message prompts you to wait. The page refreshes, and the status message displays results. The deleted service parameter no longer appears in the list of configured service parameters.



Note If you want to use default settings, click **Default**. A message displays stating that you are about to permanently delete all the previous settings and replace them with the default settings. Click **OK** if you want to use the default settings or **Cancel** to cancel the operation.

Related Topics

- [Configuring Service Parameters, page 35-1](#)
- [Understanding Service Parameters, page 10-1](#)
- [Adding a New Service on a Server, page 35-3](#)
- [Deleting a Service From a Server, page 35-4](#)
- [Adding a New Service Parameter, page 35-5](#)
- [Updating a Service Parameter, page 35-7](#)