



## Server Configuration

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Use server configuration to specify the address of the server where Cisco Unified CallManager is installed. If your network uses Domain Name System (DNS) services, you can specify the host name of the server. If your network does not use DNS services, you must specify the Internet Protocol (IP) address of the server.



### Note

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You must update the DNS server with the appropriate Cisco Unified CallManager name and address information before using that information to configure the Cisco Unified CallManager server.

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Use the following topics to add, update, or delete a server address in the Cisco Unified CallManager database:

- [Finding a Server, page 2-1](#)
- [Adding a Server, page 2-3](#)
- [Updating a Server, page 2-4](#)
- [Deleting a Server, page 2-5](#)
- [Server Configuration Settings, page 2-7](#)

## Finding a Server

Because you might have several servers in your network, Cisco Unified CallManager lets you locate specific servers on the basis of specific criteria. Use the following procedure to locate servers.



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**Note** During your work in a browser session, Cisco Unified CallManager Administration retains your server search preferences. If you navigate to other menu items and return to this menu item, Cisco Unified CallManager Administration retains your server search preferences until you modify your search or close the browser.

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### Procedure

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**Step 1** Choose **System > Server**.

The Find and List Servers window displays. Use the two drop-down list boxes to search for a server.

**Step 2** From the first Find Servers where drop-down list box, choose one of the following criteria:

- Name
- Description



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**Note** The criterion that you choose in this drop-down list box specifies how the list of servers that your search generates will be sorted. For example, if you choose Description, the Description column will display as the left column of the results list.

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From the second Find Servers where drop-down list box, choose one of the following criteria:

- begins with
- contains
- ends with
- is exactly
- is not empty
- is empty

**Step 3** Specify the appropriate search text, if applicable, and click **Find**. You can also specify how many items per page to display.



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**Tip** To find all servers that are registered in the database, click **Find** without entering any search text.

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A list of discovered servers displays by

- Server icon
- Server name
- Description



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**Note** You can delete multiple servers from the Find and List Servers window by checking the check boxes next to the appropriate servers and clicking **Delete Selected**. You can delete all servers in the window by checking the check box in the Matching records title bar and clicking **Delete Selected**.

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**Step 4** From the list of records, click the Server icon or name or the Description that matches your search criteria.

The window displays the server that you choose.

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#### Related Topics

- [Adding a Server, page 2-3](#)
- [Updating a Server, page 2-4](#)
- [Deleting a Server, page 2-5](#)
- [Server Configuration Settings, page 2-7](#)

## Adding a Server

This section describes how to add a server address to the Cisco Unified CallManager database.

#### Before You Begin

Activate the Cisco CallManager service as described in the *Cisco Unified CallManager Serviceability Administration Guide*.

**Note**

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Make sure that you only add each server once on the Server Configuration window. If you add a server using the host name and add the same server using the IP address, Cisco Unified CallManager cannot accurately determine component versions for the server after a Cisco Unified CallManager upgrade. If you have two entries in Cisco Unified CallManager Administration for the same server, delete one of the entries before you upgrade (see the [“Deleting a Server” section on page 2-5](#)).

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**Procedure**

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- Step 1** Choose **System > Server**.
- Step 2** In the upper, right corner of the window, click the **Add a New Server** link. The Server Configuration window displays.
- Step 3** Enter the appropriate settings as described in [Table 2-1](#).
- Step 4** Click **Insert**.  
The server is added to the database.
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**Related Topics**

- [Adding a Cisco Unified CallManager, page 3-4](#)
- [Finding a Server, page 2-1](#)
- [Updating a Server, page 2-4](#)
- [Deleting a Server, page 2-5](#)
- [Server Configuration Settings, page 2-7](#)

## Updating a Server

This section describes how to update server information in the Cisco Unified CallManager database.

### Procedure

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- Step 1** Find the server by using the procedure in the [“Finding a Server” section on page 2-1](#).
- Step 2** Click the server that you want to update.
- Step 3** Update the appropriate settings as described in [Table 2-1](#).
- Step 4** To save the changes in the database, click **Update**.

Changes to the server configuration do not take effect until you restart Cisco Unified CallManager. For information on restarting the Cisco CallManager service, refer to the *Cisco Unified CallManager Serviceability Administration Guide*.

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### Related Topics

- [Finding a Server, page 2-1](#)
- [Adding a Server, page 2-3](#)
- [Deleting a Server, page 2-5](#)
- [Server Configuration Settings, page 2-7](#)

## Deleting a Server

This section describes how to delete a server from the Cisco Unified CallManager database.



### Tip

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After the server is deleted, you must remove the SQL replication information and the DCD replication agreements. See [Next Steps, page 2-6](#).

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### Before You Begin

You cannot delete a server that has a specific Cisco Unified CallManager running on it. To find out which Cisco Unified CallManagers are using the server, click the **Dependency Records** link from the Server Configuration window. If the dependency records are not enabled for the system, the dependency records summary window displays a message. For more information about dependency

records, see the [“Accessing Dependency Records” section on page A-3](#). If you try to delete a server that is in use, Cisco Unified CallManager displays an error message. Before deleting a server that is currently in use, you must perform the following tasks:

- Update the Cisco Unified CallManager in question and assign it to a different server, or delete the Cisco Unified CallManager that is assigned to that server. See the [“Updating a Cisco Unified CallManager” section on page 3-5](#) and [“Deleting a Cisco Unified CallManager” section on page 3-6](#).
- Delete the conference bridges, MTPs, and MOH servers that use the server that you want to delete. See the [“Deleting a Conference Device” section on page 33-23](#), [“Deleting a Media Termination Point” section on page 34-7](#), and the [“Deleting a Music On Hold Server” section of the \*Cisco Unified CallManager Features and Services Guide\*](#).
- Deactivate the services that are running on that server. Refer to the *Cisco Unified CallManager Serviceability Administration Guide*.

### Procedure

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- Step 1** Find the server by using the procedure in the [“Finding a Server” section on page 2-1](#).
- Step 2** From list of matching records, choose the server that you want to delete.
- Step 3** Click **Delete**.

If the server is not in use, Cisco Unified CallManager deletes it. If it is in use, an error message displays.

Changes to the server configuration do not take effect until you restart Cisco Unified CallManager. For information on restarting the Cisco CallManager service, refer to the *Cisco Unified CallManager Serviceability Administration Guide*.

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### Next Steps

After the server gets deleted, you must remove the SQL replication information and the DCD replication agreements. See [Removing a Subscriber Server from Cisco Unified CallManager](#).

**Related Topics**

- [Finding a Server, page 2-1](#)
- [Adding a Server, page 2-3](#)
- [Updating a Server, page 2-4](#)
- [Server Configuration Settings, page 2-7](#)
- [Remove SQL Replication Information, page B-2](#)
- [Remove Redundant DCD Replication Agreements, page B-3](#)

# Server Configuration Settings

[Table 2-1](#) describes the server configuration settings.

**Table 2-1** *Server Configuration Settings*

Field	Description
Host Name/IP Address	<p>If your network uses DNS services, you can enter the host name of the Cisco Unified CallManager server. Otherwise, you must enter the full IP address of the server.</p> <p><b>Note</b> You must update the DNS server with the appropriate Cisco Unified CallManager name and address information before using that information here.</p>
MAC Address	<p>Enter the media access control (MAC) address of the network interface card (NIC) in the Cisco Unified CallManager server. The MAC address specifies the permanent hardware address of the NIC. If you plan to move the server periodically to different locations on the network, you must enter the MAC address, so other devices on the network can always identify the server. If you do not plan to relocate the server, entry of the MAC address is optional.</p>
Description	<p>Enter a description of the server.</p>

**Related Topics**

- [Finding a Server, page 2-1](#)
- [Adding a Server, page 2-3](#)
- [Updating a Server, page 2-4](#)
- [Deleting a Server, page 2-5](#)