



CHAPTER 2

Adding and Deleting Location Servers

This chapter describes how to add and delete location servers.

This chapter contains the following sections:

- [Adding a Location Appliance to Cisco WCS, page 2-2](#)
- [Deleting Location Servers from the Cisco WCS Database, page 2-4](#)

Adding a Location Appliance to Cisco WCS

To add a location server to Cisco WCS, log into WCS and follow these steps:

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- Step 1** Verify that you can ping the location server that you want to add from the Cisco WCS server.
- Step 2** Choose **Services > Mobility Services** to display the Mobility Services window.
- Step 3** From the Select a command drop-down menu (right-hand side), choose **Add Location Server**. Click **Go**.
- Step 4** In the Device Name field, enter a name for the location server.
- Step 5** In the IP Address field, enter the location server's IP address.
- Step 6** (Optional) In the Contact Name field, enter the name of the location server administrator.
- Step 7** In the Username and Password fields, enter the username and password for the location server.

The default username and password are both *admin*.



Note If you changed the username and password during the automatic installation script, enter those values here. If you did not change the default passwords, Cisco strongly recommends that you run the automatic installation script and change the username and password.

- Step 8** In the Port field, enter the port number used by the location server. The default port is 8001.

The following ports are active on the location server:

- tcp 22: SSH port
- tcp 6100: Virtual frame buffer
- tcp 8001: Location server port
- udp 123: NTPD port (open after NTP configuration)
- udp 32768: Location internal port

- Step 9** Check the HTTPS enable check box to allow communication between the location server and Cisco WCS. Uncheck the check box to disable HTTPS.



Note Communication between the location server and third-party applications is done over HTTP. To operate over HTTP, leave the HTTPS enable check box unchecked.

- Step 10** Click **Save**.

Cisco WCS searches for the location server and adds it to the Cisco WCS database.

- Step 11** Go back to the Mobility Services window and click **Refresh** (top right). Verify that the location server that you have just added appears in the window.



Note Cisco WCS does not allow you to add a location server that already exists in the WCS database.

**Note**

After adding a new location server, you can synchronize network designs (campus, building, and outdoor maps) and event groups on the local location server with Cisco WCS. You can also choose to synchronize the location server with a specific controller. You can do this synchronization immediately after adding a new system or at a later time. To synchronize the local and Cisco WCS databases, continue to [“Viewing Synchronization Information” section on page 3-6](#).

Deleting Location Servers from the Cisco WCS Database

To delete location servers from the Cisco WCS database, follow these steps:

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- Step 1** In Cisco WCS, choose **Services > Mobility Services**.
 - Step 2** Select the server or servers to be deleted by checking the corresponding check box(es).
 - Step 3** From the Select a command drop-down menu (right-hand side), choose **Delete Service(s)**. Click **Go**.
 - Step 4** Click **OK** to confirm that you want to delete the selected location server from the Cisco WCS database.
 - Step 5** Click **Cancel** to stop deletion.
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