LifeSize Phone™

Configuring the Cisco CallManager 4.x for use with LifeSize Phone™

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Configuring the Cisco CallManager 4.x for LifeSize Phone

LifeSize Phone is supported with the Cisco CallManager (CCM) version 4.x or higher as a standard H.323 device. To register your LifeSize Phone with the Cisco CallManager, follow these steps.

Note: Following this procedure configures your LifeSize Phone to work transparently with the CCM extension only. To configure other call control functions such as long distance call authorization, you must configure the gateway with a PSTN interface.

1. Log in to the Cisco CallManager.

2. Click the **Add a New Device** button.

3. Create a new trunk.

   a. From the **Device Type** pulldown menu, select **Trunk**.

   b. On the **Add a New Trunk** page, select *H.225 Trunk (Gatekeeper Controlled)* as the **Trunk Type** and click **Next**.

   c. On the **Trunk Configuration** page under **Device Information**, enter a name for the CCM in the **Device Name** field. (Accept default values for all other required fields.)

   d. Under **Gatekeeper Information**, enter the gatekeeper IP address in the **Gatekeeper Name** field.

   e. Choose *Gateway* for the **Terminal Type**.

   f. Enter the prefix for the dialing plan in the **Technology Prefix** field.

   g. Enter the zone for the dialing plan in the **Zone** field.

   h. Click the **Insert** button at the top of the page.

4. Create a route group.

   a. From the **Route Plan** menu, choose **Route/Hunt > Route Group**.

   b. Click the **Add New Route Group** link at the top of the page.

   c. On the **Route Group Configuration** page select the device from **Available Devices**.

   d. Click the **Add to Route Group** button.

5. Create a route list.

   a. From the **Route Plan** menu, choose **Route/Hunt > Route List**.

b. Click the **Add a new Route List** link at the top of the page.

c. Create a new route list to associate with the new route group by completing the **Route List Information** (enter a name, description, and choose *Default* for the CCM group).

d. Click the **Insert** button at the top of the page.

e. On the **Route List Configuration** page, click the **Add Route Group** button.

f. On the **Route List Detail Configuration** page, choose the group you previously created from the pulldown menu to associate with the device.

g. Click the **Insert** button at the top of the page.

6. Create a route pattern.

a. From the **Route Plan** menu, choose **Route/Hunt > Route Pattern**.

b. Click the **Add a New Route Pattern** link at the top of the page.

c. Define the pattern definition.

d. Click the **Insert** button at the top of the page.

e. On the **Route Pattern Configuration** page, select the new route list from the **Gateway or Route List** pulldown menu.

f. Click the **Insert** button at the top of the page.

7. You are now ready to configure your LifeSize Phone either from the keypad on the phone or from a web browser, as described in the following sections.

Configuring Your LifeSize Phone for CCM

You must also configure some settings on your LifeSize Phone to operate with the CCM. To ensure that you have set up your LifeSize Phone to register with the CCM, follow these steps:

1. Log in to the **Admin Menu** on your LifeSize Phone.

   The **Admin Menu** provides access to advanced preferences for audio, communications, and user preferences. To access the **Admin Main Menu**, follow these steps:

   a. Press (+add) (mute) (+add) (mute) sequentially when the phone is idle.

   b. Enter the default admin password 1 2 3 4 and press (mute).

2. Press **1** on the keypad to select **Preferences**.

3. Press **2** on the keypad to select **Communications**.

4. Press **2** on the keypad to select **H.323**.

5. Set the H.323 preferences:

Menu Option	Example Value	Description
H.323 Name	LifeSize	Enter the name of the device used when making calls with the H.323 protocol.
H.323 Extension	1234	Enter the extension of the device used when making calls with the H.323 protocol.
Gatekeeper ID	gk0	Enter the ID of the H.323 gatekeeper.
Gatekeeper Mode	Manual	Select the mode the device uses to contact the H.323 gatekeeper.
Gatekeeper Hostname 1	10.10.8.1	Enter the IP address of the primary H.323 gatekeeper.
Gatekeeper Port 1	1719	Enter the IP port number of the primary H.323 gatekeeper.
Gatekeeper Hostname 2	10.10.8.1	Enter the IP address of the secondary H.323 gatekeeper.
Gatekeeper Port 2	1719	Enter the IP port number of the secondary H.323 gatekeeper.

6. Reboot your LifeSize phone.

7. Log in to the **Admin Menu** of your LifeSize Phone as described in Step 1.

8. Press **1** on the keypad to select **Preferences**.

9. Press **2** on the keypad to select **Communications**.

10. Press **2** on the keypad to select **H.323**.

11. Press the ⌷ key to scroll to page 4 of the H.323 menu options.

12. Ensure the following values have been configured:

Menu Option	Example Value	Description
Gatekeeper Status	Registered	Displays the status of the H.323 gatekeeper registration for the device.
Auto Gatekeeper Address	10.10.8.1	When Gatekeeper Mode is set to 'Auto', displays the discovered H.322 gatekeeper IP address.
Auto Gatekeeper Port	1719	When Gatekeeper Mode is set to 'Auto', displays the discovered H.322 gatekeeper IP port number.
H.235 Tunneling	Disabled	Choose Enabled to use H.235 tunneling.

Using the LifeSize Phone Keypad During Configuration

The following keys provide navigation during configuration:

Keypad Key	Function
	Toggles values, activates the cursor in a field, and accepts changes to a field.
	Behaves as up and down keys when scrolling through preferences. Volume Down also changes the text entry mode when editing a text field.
	Behaves as **Back** when returning to a previous screen or **Backspace** during text entry.
	Behaves as **Cancel** when changing preference values.
	Moves a selected item down in an ordered list.
	Moves a selected item up in an ordered list.

Configuration from a Web Browser

You can also configure your LifeSize Phone from a web browser by navigating to the URL displayed at the bottom of the **Admin Main Menu** on your LifeSize Phone. On the login screen, choose the language in which to display the interface, enter the admin password, and click **Submit**.

You must have Flash Player version 7 or higher installed and configured on your web browser to access the administrator configuration from a web browser. You can download the Flash Player from **www.macromedia.com**.

Verifying CCM and LifeSize Phone Status

You can verify the status of your CCM and LifeSize Phone from your gatekeeper.

If CCM is unable to populate the **Technology Prefix** field in your gatekeeper, you can manually add it to direct all matched calls to CCM.

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