



## Cisco IP Phone Configuration

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Cisco IP phones as full-featured telephones can plug directly into your IP network. You can use the Cisco CallManager Administration phone configuration windows to configure the following Cisco IP phones and devices:

- Cisco IP Phone 7900 family (models 7960, 7940, and 7910)
- Cisco IP Phone model 30 VIP
- Cisco IP Phone model 12 SP+
- H.323 clients
- Computer Telephony Integration (CTI) ports
- Cisco ATA 186 telephone adapter
- Cisco VG248 Analog Phone Gateway



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**Note**

You configure the Cisco VG248 phone ports from the Gateway Configuration window of the Cisco CallManager Administration. The following procedures apply for updating or deleting Cisco VG248 phone ports. See the [“Gateway Configuration” section on page 47-1](#) for Cisco VG248 gateway configuration information.

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Once you add a Cisco IP phone to Cisco CallManager Administration, information from the RIS Data Collector service displays in the Phone Configuration window. When available, the IP address of the device and the name of the Cisco CallManager with which the device registered display.

The following topics provide information about working with and configuring Cisco IP phones in Cisco CallManager Administration:

- [Configuring Cisco IP Phones](#), page 48-2
- [Gateway Configuration](#), page 47-1
- [Finding a Phone](#), page 48-28
- [Configuring Directory Numbers](#), page 48-29
- [Phone Button Template Configuration](#), page 49-1
- [Phone Configuration Settings](#), page 48-13
- [Phone Configuration Checklist](#), *Cisco CallManager System Guide*

## Configuring Cisco IP Phones

You can add phones to the Cisco CallManager database automatically using auto-registration, manually using the phone configuration windows, or in groups with the Cisco Bulk Administration Tool (BAT). By enabling auto-registration, you can automatically add a Cisco IP phone to the Cisco CallManager database when you connect the phone to your IP telephony network. During auto-registration, Cisco CallManager assigns the next available sequential directory number to the phone. In many cases, you might not want to use auto-registration; for example, if you want to assign a specific directory number to a phone. If you do not use auto-registration, you must manually add phones to the Cisco CallManager database or use BAT. BAT, a plug-in application, enables system administrators to perform batch add, modify, and delete operations on large numbers of Cisco IP phones. Refer to the *Bulk Administration Tool Guide for Cisco CallManager* for detailed instructions on using BAT.

Once you add a Cisco IP phone to Cisco CallManager Administration, the RIS Data Collector service displays the device name, registration status, and the IP address of the Cisco CallManager to which it is registered in the Phone Configuration window.

For information on how to configure phones as well as H.323 clients, CTI ports, and other devices from Cisco CallManager Administration, see the following topics:

- [Cisco IP Phone Configuration](#), page 48-1
- [Gateway Configuration](#), page 47-1

- [Displaying the MAC Address of a Phone, page 48-3](#)
- [Adding a Phone, page 48-4](#)
- [Deleting a Phone, page 48-11](#)
- [Resetting a Phone, page 48-8](#)
- [Updating a Phone, page 48-10](#)
- [Copying an Existing Phone, page 48-7](#)
- [Phone Configuration Settings, page 48-13](#)
- [Configuring Speed-Dial Buttons, page 48-23](#)
- [Speed Dial Configuration Settings, page 48-24](#)
- [Cisco IP Phones, \*Cisco CallManager System Guide\*](#)
- [Phone Configuration Checklist, \*Cisco CallManager System Guide\*](#)

## Displaying the MAC Address of a Phone

The Media Access Control (MAC) address comprises a unique, 12-character, hexadecimal number that identifies a Cisco IP phone or other hardware device. Locate the number on a label on the bottom of the phone (for example, 000B6A409C405 for Cisco IP Phone 7900 family models or SS-00-0B-64-09-C4-05 for Cisco IP Phone models SP 12+ and 30 VIP). Cisco CallManager makes the MAC address a required field for Cisco IP phone device configuration. When entering the MAC address in Cisco CallManager fields, do not use spaces or dashes and do not include the "SS" that may precede the MAC address on the label.

To display the MAC address when the phone is powered on, perform the following steps:

- Cisco IP Phone 7960 and 7940 models—Press **Settings**, use the arrow buttons to highlight the **Network Configuration** menu option, and press the **Select** softkey.
- Cisco IP Phone 7910—Press **Settings**, use the arrow buttons to locate Network Config options, and press **6** on the phone keypad to begin displaying the Network Config options; then, use the arrow keys to scroll the Network Config option display to the MAC address.

- Cisco IP Phone models 12 SP+ and 30 VIP—Press \*\* to display the MAC address on the second line of the LCD display.
- Cisco VG248 phone ports—The MAC address specifies the endpoint from the Gateway Configuration window of the Cisco CallManager Administration. See the “[Gateway Configuration](#)” section on [page 47-1](#) for configuration information.

For more information about displaying additional configuration settings on Cisco IP phones, refer to the *Cisco IP Phone Administration Guide for Cisco CallManager* and other phone documentation provided with Cisco IP phones.

### Related Topics

- [Cisco IP Phone Configuration, page 48-1](#)
- [Gateway Configuration, page 47-1](#)
- [Adding a Phone, page 48-4](#)
- [Updating a Phone, page 48-10](#)
- [Cisco IP Phones, \*Cisco CallManager System Guide\*](#)
- [Phone Configuration Checklist, \*Cisco CallManager System Guide\*](#)

## Adding a Phone

Before a Cisco IP phone can be used, you must use this procedure to add the phone to Cisco CallManager. You can also use this procedure to configure H.323 clients, CTI ports, Cisco ATA 186 telephone adapter, or the Cisco VG248 Analog Phone Gateway (each of the 48 ports is recognized and configured as a phone). H.323 clients can be Symbol NetVision phones or Microsoft NetMeeting clients. CTI ports designate virtual devices used by Cisco CallManager applications such as Cisco SoftPhone and Cisco AutoAttendant.



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**Note**

If you are planning to use a TAPI application to control CTI port devices using the Cisco TAPI Service Provider (TSP), then you may only configure one line per CTI port device.

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**Note** The Cisco VG248 Phone Ports are added from the Gateway Configuration window of the Cisco CallManager Administration. See the [“Gateway Configuration” section on page 47-1](#) for configuration information.

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### Procedure

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- Step 1** Choose **Device > Add a Device**.
- The Add a New Device window displays.
- Step 2** From the Device Type drop-down list box, choose **Phone** and click **Next**.
- The Add a New Phone window displays.
- Step 3** From the Phone type drop-down list, choose the appropriate phone type or device and click **Next**. Once you choose a phone type, you cannot modify it.
- The Phone Configuration window displays.
- Step 4** Enter the appropriate settings as described in [Table 48-1](#).
- Only the settings appropriate to the chosen phone type appear in your window.
- Step 5** Click **Insert**.
- A message displays stating that the phone has been added to the database.
- Step 6** To add a directory number to this phone, click **OK** and enter the appropriate settings in the Directory Number Configuration window as described in the [“Directory Number Configuration Settings” section on page 48-34](#). To return to the Phone Configuration window, click **Cancel**.

Once you add a Cisco IP phone to Cisco CallManager Administration, information from the RIS Data Collector service displays in the Phone Configuration window. When available, the IP address of the device and the name of the Cisco CallManager with which the device registered display as illustrated in [Figure 48-1](#).

Figure 48-1 Phone Configuration Window

System Route Plan Service Feature Device User Application Help

Cisco CallManager Administration  
For Cisco IP Telephony Solutions

CISCO SYSTEMS

**Phone Configuration**

[Add a new phone](#)  
[Update Speed Dial buttons](#)  
[Update Services](#)  
[Back to Find/List Phones](#)

<b>Directory Numbers</b>	Phone: SEP003094C2D83A (Center Shelf)
<b>Base Phone</b>	Registration: Registered with Cisco CallManager DLS2-CM166-CM1
<ul style="list-style-type: none"> <li>Line 1 - 2235 (no Partition)</li> <li>Line 2 - Add new DN</li> </ul>	IP Address: 172.28.235.165 Status: Ready

Copy Update Delete Reset Phone Cancel Changes

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**Step 7** Reset the phone after making changes to apply the new settings. See the “Resetting a Phone” section on page 48-8.

### Next Steps

If you want to configure speed-dial buttons to this phone, see the “Configuring Speed-Dial Buttons” section on page 48-23. If you want to configure services for this phone, see the “Configuring Cisco IP Phone Services” section on page 48-25.

### Related Topics

- [Cisco IP Phone Configuration, page 48-1](#)
- [Gateway Configuration, page 47-1](#)
- [Resetting a Phone, page 48-8](#)
- [Adding a Directory Number, page 48-30](#)
- [Deleting a Phone, page 48-11](#)
- [Updating a Phone, page 48-10](#)
- [Phone Configuration Settings, page 48-13](#)
- [Configuring Speed-Dial Buttons, page 48-23](#)
- [Cisco IP Phones, Cisco CallManager System Guide](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)


## Copying an Existing Phone

If you want to manually add several similar phones to the Cisco CallManager database, you can add one and then copy its basic settings to apply to another phone. You must change at least the Media Access Control (MAC) address before inserting the new phone into the database.

Perform the following procedure to copy phone settings.

### Procedure

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- Step 1** Choose **Device > Phone**.  
The Find and List Phones window displays.
- Step 2** Enter search criteria to locate a specific phone and click **Find**.  
A list of phones that match the search criteria appears.
- Step 3** Click the Copy icon for the phone whose settings you want to copy.  
The Phone Configuration window displays.
- Step 4** Enter the MAC address of the new phone.
-  **Note** For information on obtaining the MAC address, see the [“Displaying the MAC Address of a Phone”](#) section on page 48-3.
- 
- Step 5** Update the appropriate settings as described in [Table 48-1](#).
- Step 6** Click **Insert**.  
A message displays stating that the phone has been added to the database.
- Step 7** To add a directory number to this phone, click **OK** and enter the appropriate settings in the Directory Number Configuration window as described in the [“Directory Number Configuration Settings”](#) section on page 48-34. To return to the Phone Configuration window, click **Cancel**.
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### Related Topics

- [Cisco IP Phone Configuration, page 48-1](#)
- [Finding a Phone, page 48-28](#)

- [Adding a Phone, page 48-4](#)
- [Resetting a Phone, page 48-8](#)
- [Updating a Phone, page 48-10](#)
- [Deleting a Phone, page 48-11](#)
- [Phone Configuration Settings, page 48-13](#)
- [Configuring Speed-Dial Buttons, page 48-23](#)
- [Adding a Directory Number, page 48-30](#)
- [Cisco IP Phones, \*Cisco CallManager System Guide\*](#)
- [Phone Configuration Checklist, \*Cisco CallManager System Guide\*](#)

## Resetting a Phone

You must reset a Cisco IP phone after you add a directory number or update its settings for your changes to take affect. Perform the following procedure to reset a Cisco IP phone using Cisco CallManager Administration.



**Note** If a call is in progress, the phone does not reset until the call finishes.

### Procedure

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**Step 1** Choose **Device > Phone**.

The Find and List Phones window displays.

**Step 2** To locate a specific phone, enter search criteria, and click **Find**.

A list of phones that match the search criteria appears as illustrated in [Figure 48-2](#).

Figure 48-2 Find and List Phones Window

Matching record(s) 1 to 20 of 1703  
Real-time Information Service returned information for 20 of 20 devices listed below.

<input type="checkbox"/>	Device Name	Description	Device Pool	Status	IP Address	Copy
<input type="checkbox"/>	SEP0001968BFF752	Auto 1594	Default	Not Registered	10.35.5.161	
<input type="checkbox"/>	SEP0001968BFF75C	Auto 2010	Default	Not Registered	10.35.5.164	
<input type="checkbox"/>	SEP0001968BFF75D	Auto 2225	Default	Not Registered	10.35.7.109	
<input type="checkbox"/>	SEP0001968BFF75E	Auto 1691	Default	Not Registered	10.35.6.158	
<input type="checkbox"/>	SEP0001968BFF75F	Auto 1073	Default	Not Registered	10.35.6.84	
<input type="checkbox"/>	SEP0001968BFF760	Auto 1789	Default	Not Registered	10.35.5.86	
<input type="checkbox"/>	SEP0001968BFF761	Auto 2042	Default	Not Registered	10.35.4.215	

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**Step 3** Check the check boxes next to the phones that you want to reset. To select all of the phones in the window, check the check box in the matching records title bar.

**Step 4** Click **Reset Phone**.

The Reset Device window displays.

**Step 5** Click one of the following buttons:

- **Restart**—Restarts the selected devices without shutting them down (reregisters the phones with Cisco CallManager).
- **Reset**—Shuts down the selected devices and brings them back up (performs a complete shutdown and reinitialization of the phones).
- **Close**—Returns you to the previous window with restarting or resetting the selected devices.

### Related Topics

- [Cisco IP Phone Configuration, page 48-1](#)
- [Adding a Phone, page 48-4](#)
- [Updating a Phone, page 48-10](#)
- [Cisco IP Phones, Cisco CallManager System Guide](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)

## Updating a Phone

Perform the following procedure to update a Cisco IP phone from Cisco CallManager.

### Procedure

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**Step 1** Choose **Device > Phone**.

The Find and List Phones window displays.

**Step 2** To locate a specific phone, enter search criteria, and click **Find**.

A list of phones that match the search criteria appears.

**Step 3** From the list, click the name of the phone that you want to update.

The Phone Configuration window displays.

**Step 4** Update the appropriate settings as described in [Table 48-1](#).

**Step 5** Click **Update**.

**Step 6** Click **Reset Phone** to reset or restart the phone and apply the new settings.

Restarting the phone reregisters the phones with Cisco CallManager without shutting the phone down. Resetting the phone shuts down the phone and brings it back up (performs a complete shutdown and reinitialization of the phones).

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### Related Topics

- [Cisco IP Phone Configuration, page 48-1](#)
- [Gateway Configuration, page 47-1](#)
- [Adding a Phone, page 48-4](#)
- [Resetting a Phone, page 48-8](#)
- [Phone Configuration Settings, page 48-13](#)
- [Configuring Speed-Dial Buttons, page 48-23](#)
- [Speed Dial Configuration Settings, page 48-24](#)
- [Finding a Phone, page 48-28](#)
- [Cisco IP Phones, Cisco CallManager System Guide](#)

- [Phone Configuration Checklist](#), *Cisco CallManager System Guide*

## Deleting a Phone

Perform the following procedure to delete a Cisco IP phone from Cisco CallManager.

### Procedure

**Step 1** Choose **Device > Phone**.















The Find and List Phones window displays.

**Step 2** To locate a specific phone, enter search criteria, and click **Find**.

A list of phones that match the search criteria appears as illustrated in [Figure 48-2](#).

**Figure 48-3 Find and List Phones Window**

Matching record(s) 1 to 20 of 1703  
Real-time Information Service returned information for 20 of 20 devices listed below.

<input type="checkbox"/>	Device Name	Description	Device Pool	Status	IP Address	Copy
<input type="checkbox"/>	 SEP000196BFF752	Auto 1594	Default	Not Registered	10.35.5.161	
<input type="checkbox"/>	 SEP000196BFF75C	Auto 2010	Default	Not Registered	10.35.5.164	
<input type="checkbox"/>	 SEP000196BFF75D	Auto 2225	Default	Not Registered	10.35.7.109	
<input type="checkbox"/>	 SEP000196BFF75E	Auto 1691	Default	Not Registered	10.35.6.158	
<input type="checkbox"/>	 SEP000196BFF75F	Auto 1073	Default	Not Registered	10.35.6.84	
<input type="checkbox"/>	 SEP000196BFF760	Auto 1789	Default	Not Registered	10.35.5.86	
<input type="checkbox"/>	 SEP000196BFF761	Auto 2042	Default	Not Registered	10.35.4.215	

**Step 3** Perform one of the following actions:

- Check the check boxes next to the phones that you want to delete and click **Delete Selected**.
- Delete all of the phones in the window by checking the check box in the matching records title bar and clicking **Delete Selected**.
- Choose the name of the phone that you want to delete from the list to display its current settings, and click **Delete**.

A confirmation dialog displays.

**Step 4** Click **OK**.

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**Related Topics**

- [Cisco IP Phone Configuration, page 48-1](#)
- [Gateway Configuration, page 47-1](#)
- [Finding a Phone, page 48-28](#)
- [Adding a Phone, page 48-4](#)
- [Cisco IP Phones, \*Cisco CallManager System Guide\*](#)
- [Phone Configuration Checklist, \*Cisco CallManager System Guide\*](#)

## Phone Configuration Settings

[Table 48-1](#) describes the available settings in the Phone Configuration window.

**Note**

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The Product-Specific Configuration section contains model-specific fields defined by the phone manufacturer. Cisco CallManager dynamically populates the fields with default values.

To view field descriptions and help for product-specific configuration items, click the “i” information icon to the right of the Product Specific Configuration heading to display help in a popup window.

If you need more information, refer to the documentation for the specific phone that you are configuring or contact the manufacturer

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**Table 48-1 Phone Configuration Settings**

Field	Description
MAC Address	<p>Enter the Media Access Control (MAC) address that identifies Cisco IP phones (hardware phones only). Make sure that the value comprises 12 hexadecimal characters.</p> <p>See the <a href="#">“Displaying the MAC Address of a Phone” section on page 48-3</a> for information on how to access the MAC address.</p> <p><b>Cisco VG248 Analog Phone Gateway</b></p> <p>The MAC address for the Cisco VG248 gateway specifies the endpoint from the Gateway Configuration window of the Cisco CallManager Administration. See the <a href="#">“Gateway Configuration” section on page 47-1</a> for configuration information.</p> <p>Only one MAC address exists for the Cisco VG248 Analog Phone Gateway. All 48 ports share the same MAC address. Cisco CallManager requires unique MAC addresses for all devices.</p> <p>The MAC Address is converted for each device by:</p> <ul style="list-style-type: none"> <li>• Dropping the first two digits of the MAC Address</li> <li>• Shifting the MAC address two places to the left</li> <li>• Adding the two-digit port number to the end of the MAC address (to the right of the number)</li> </ul> <p>EXAMPLE  MAC Address for the Cisco VG248 is  000039A44218  the MAC address for registered port 12 in the  Cisco CallManager is  0039A4421812</p>
Device Name	<p>Enter a name to identify software-based telephones. The value can include 1 to 15 characters, including alphanumeric, dot, dash, and underscores.</p> <p>Cisco CallManager makes this field available only for H.323 clients and CTI ports.</p>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
Description	<p>Identify the purpose of the device. You can enter the user name (such as John Smith) or the phone location (such as Lobby) in this field.</p> <p>For Cisco VG248 gateways, begin the description with VGC&lt;mac address&gt;.</p>
Device Pool	<p>Choose the device pool to which you want this phone assigned. The device pool defines sets of common characteristics for devices, such as region and date/time group.</p> <p>The value that you choose overrides the default value for this type of device. See the <a href="#">“Device Defaults Configuration”</a> section on page 6-1.</p>
Media Resource Group List	<p>Choose the appropriate Media Resource Group List. A Media Resource Group List comprises a prioritized grouping of media resource groups. An application chooses the required media resource, such as a Music On Hold server, from the available media resources according to the priority order defined in a Media Resource Group List.</p> <p>If you choose &lt;none&gt;, Cisco CallManager uses the Media Resource Group defined in the device pool.</p> <p>For more information, see the <a href="#">“Media Resource Management”</a> section in the <i>Cisco CallManager System Guide</i>.</p>
Calling Search Space	<p>Choose the appropriate calling search space. A calling search space comprises a collection of partitions that are searched to determine how a dialed number should be routed.</p>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
User Hold Audio Source	<p>To specify the audio source that plays when a user initiates a hold action, click the drop-down arrow and choose an audio source from the list that displays.</p> <p>If you do not choose an audio source, Cisco CallManager uses the audio source defined in the device pool or the system default if the device pool does not specify an audio source ID.</p> <p><b>Note</b> You define audio sources in the Music On Hold Audio Source Configuration window. For access, choose <b>Service &gt; Music On Hold</b>.</p>
Network Hold Audio Source	<p>To specify the audio source played when the network initiates a hold action, click the drop-down arrow and choose an audio source from the list that displays.</p> <p>If you do not choose an audio source, Cisco CallManager uses the audio source defined in the device pool or the system default if the device pool does not specify an audio source ID.</p> <p><b>Note</b> You define audio sources in the Music On Hold Audio Source Configuration window. For access, choose <b>Service &gt; Music On Hold</b>.</p>
Location	<p>Choose the appropriate location for this Cisco IP phone. The location specifies the total bandwidth available for calls to and from this location. A location setting of <i>None</i> means that the locations feature does not keep track of the bandwidth consumed by this Cisco IP phone.</p>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
User Locale	<p>From the drop-down list box, choose the locale associated with the phone user interface. The user locale identifies a set of detailed information to support users, including language and font.</p> <p>Cisco CallManager makes this field available only for Cisco 7940Cisco 7960 phones.</p> <p><b>Note</b> If no user locale is specified, Cisco CallManager uses the user locale associated with the device pool.</p>
Network Locale	<p>From the drop-down list box, choose the locale associated with the phone. The network locale contains a definition of the tones and cadences used by the phone in a specific geographic area.</p> <p>Cisco CallManager makes this field available only for Cisco 7940, Cisco 7960 phones, and Cisco VGCPHones.</p> <p><b>Note</b> If no network locale is specified, Cisco CallManager uses the network locale associated with the device pool.</p>
Phone Button Template	<p>Choose the appropriate phone button template. The phone button template determines the configuration of buttons on a phone and identifies which feature (line, speed dial, and so on) is used for each button.</p> <p>The value that you enter overrides the default value for this type of device. See the <a href="#">“Device Defaults Configuration” section on page 6-1</a>.</p> <p>Cisco CallManager does not make this field available for H.323 clients or CTI ports.</p>
Expansion Module 1	<p>If your phone is connected to a Cisco IP Phone 7914 Expansion Module, choose the appropriate template.</p>
Expansion Module 2	<p>If your phone is connected to a second Cisco IP Phone 7914 Expansion Module, choose the appropriate template.</p>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
Phone Load Name	<p>Enter the custom software for the Cisco IP phone.</p> <p>The value that you enter overrides the default value for the current model. For more information, see the <a href="#">“Device Defaults Configuration” section on page 6-1</a>.</p> <p>Cisco CallManager does not make this field available for H.323 clients or CTI ports.</p>
Module 1 Load Name	<p>Enter the custom software for the Cisco IP Phone 7914 Expansion Module, if applicable.</p> <p>The value that you enter overrides the default value for the current model.</p>
Module 2 Load Name	<p>Enter the custom software for the second Cisco IP Phone 7914 Expansion Module, if applicable.</p> <p>The value that you enter overrides the default value for the current model.</p>
Outgoing Caller ID Pattern	<p>Enter the number to send as Caller ID for outgoing calls.</p> <p>For example, in North America, use the following format:</p> <ul style="list-style-type: none"> <li>• NNNXXXX = Variable Caller ID, where XXXX equals an extension number or directory number (X specifies a number from 0 to 9), and NNN designates the office code. The Central Office (CO) appends the number with the area code if you do not specify it.</li> <li>• 5555000 = Fixed Caller ID. Use Fixed Caller ID when you want the Corporate number to be sent instead of the exact extension from which the call is placed. The CO appends the number with the area code if you do not specify it.</li> </ul>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
Calling Party Selection	<p>From the following list, choose value that displays if a call to this device is forwarded or transferred:</p> <ul style="list-style-type: none"> <li>• Originator—Send the directory number of the calling device.</li> <li>• First Redirect Number—Send the directory number of the redirecting device.</li> <li>• Last Redirect Number—Send the directory number of the last device to redirect the call.</li> </ul>
Caller ID Presentation	<p>Choose whether the central office transmits or blocks caller ID.</p> <p>Choose Allowed if you want the central office to send caller ID.</p> <p>Choose Restricted if you do not want the central office to send caller ID.</p>
Display IE Delivery	<p>To enable delivery of the display incoming exclusion (IE) in SETUP and CONNECT messages for the calling and called party name delivery service, check the Display IE Delivery check box.</p> <p><b>Note</b> Default leaves the check box unchecked.</p>
Redirecting Number IE delivery—Outbound	<p>Check this check box to include the Redirecting Number IE in the outgoing SETUP message from the Cisco CallManager to indicate the first redirecting number and the redirecting reason of the call when the call is forwarded.</p> <p>Uncheck the check box to exclude the first redirecting number and the redirecting reason from the outgoing SETUP message.</p> <p>You use Redirecting Number IE for voice-mail integration only. If your configured voice-mail system supports Redirecting Number IE, you should check the check box.</p> <p><b>Note</b> Default leaves the check box unchecked.</p>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
Redirecting Number IE delivery— Inbound	<p>Check this check box to accept the Redirecting Number IE in the incoming SETUP message to the Cisco CallManager.</p> <p>Uncheck the check box to exclude the Redirecting Number IE in the incoming SETUP message to the Cisco CallManager.</p> <p>You use Redirecting Number IE for voice-mail integration only. If your configured voice-mail system supports Redirecting Number IE, you should check the check box.</p> <p><b>Note</b> Default leaves the check box unchecked.</p>
Media Termination Point Required	<p>If a media termination point is used to implement features that H.323 does not support (such as hold and transfer), check the Media Termination Point Required check box. If a media termination point is not used to implement features that H.323 does not support, uncheck the check box.</p> <p>Use this check box for H.323 devices that do not support the H.245 Empty Capabilities Set message.</p>
Information URL	<p>Enter the location (URL) of the help text for the information (<i>i</i>) button. Leave this field blank to accept the default setting.</p> <p>Cisco CallManager displays this field only for Cisco IP Phone 7960 and 7940 models.</p>
Directory URL	<p>Enter the server from which the phone obtains directory information. Leave this field blank to accept the default setting.</p> <p>Cisco CallManager displays this field only for Cisco IP Phone 7960 and 7940 models.</p>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
Messages URL	<p>Enter the location (URL) from which the phone obtains messaging information. Leave this field blank to accept the default setting.</p> <p>Cisco CallManager displays this field only for Cisco IP Phone 7960 and 7940 models.</p>
Services URL	<p>Enter the location (URL) for Cisco IP Phone Services. Leave this field blank to accept the default setting.</p> <p>Cisco CallManager displays this field only for Cisco IP Phone 7960 and 7940 models.</p>
Idle URL	<p>Enter the URL that displays on the Cisco IP Phone 7960 and Cisco IP Phone 7940 LCD when the phone has not been used for the time specified in Idle Timer field. For example, you can display a logo on the LCD when the phone has not been used for 5 minutes.</p> <p>Leave this field blank to accept the default setting.</p> <p>Cisco CallManager displays this field only for Cisco IP Phone 7960 and 7940 models.</p>
Idle URL Timer (seconds)	<p>Enter the time (in seconds) that you want to elapse before the URL specified in the Idle field displays.</p> <p>Leave this field blank to accept the value of the Idle URL Timer enterprise parameter.</p> <p>Cisco CallManager displays this field only for Cisco IP Phone 7960 and 7940 models.</p>
Authentication URL	<p>Enter the URL that the phone uses to validate requests made to the phone web server. If you do not provide an authentication URL, the advanced features on the 7960 and 7940 that require authentication will not function.</p> <p>By default, this URL accesses a Cisco IP Phone User Options window configured during installation.</p> <p>Leave this field blank to accept the default setting.</p>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
Proxy Server URL	<p>Enter the host and port (for example, proxy.cisco.com:80) used to proxy HTTP requests for access to non-local host addresses from the phone HTTP client.</p> <p>If the phone receives a URL such as www.cisco.com in a service and the phone is not configured in the cisco.com domain, the phone uses the proxy server to access the URL. If the phone is configured in cisco.com domain, the phone accesses the URL without using the proxy because it is in the same domain as the URL.</p> <p>If you do not configure this URL, the phone attempts to connect directly to the URL.</p> <p>Leave this field blank to accept the default setting.</p>
Enable Extension Mobility Feature	<p>Check this check box to enable Extension Mobility.</p> <p><b>Note</b> The items under the Extension Mobility (Device Profile) Information heading show current device information regarding the login status of the device.</p> <p>You must enable this feature on a device-by-device basis.</p>
Log Out Profile	<p>Choose the device profile that you want to be the default logout device profile of the device. Choosing &lt;Use Current Device Settings&gt; creates an autogenerated device profile as the default device profile.</p> <p>If you choose &lt;Select a User Device Profile&gt;, you can then assign a user device profile that has already been defined; this user device profile becomes the default device profile for this device.</p> <p>If a user device profile is chosen as the default device profile, that user device profile is loaded onto the device when the device is logged out (when no user is logged in).</p>

**Table 48-1 Phone Configuration Settings (continued)**

Field	Description
Log In User ID	Cisco CallManager populates this field with the user ID of the user who is currently logged in to this device. If no user is logged in to the device, <None> displays.
Log In Time	Cisco CallManager populates this field with the maximum duration specified for the login to be in effect. Once the time is reached, the system automatically logs out the device.
Log Out Time	Cisco CallManager populates this field with the time specified for the logout to be in effect.

## Configuring Speed-Dial Buttons

You can configure speed-dial buttons for phones in the Cisco CallManager Administration if you want to provide speed-dial buttons for users or if you are configuring phones that do not have a specific user assigned to them. Users can change the speed-dial buttons on their phones using the Cisco IP Phone User Options windows.

### Procedure

- 
- Step 1** From the Phone Configuration window, click the Update Speed Dial buttons link at the top of the window.



---

**Note** To display the Phone Configuration window, choose **Device > Phone**. Enter your search criteria and click **Find**. Choose the phone for which you want to configure speed-dial buttons.

---

- Step 2** Enter the appropriate settings as described in [Table 48-2](#).
- Step 3** To apply the changes, click **Update**, or click **Update and Close** to apply the changes and close the dialog.
-

**Related Topics**

- [Cisco IP Phone Configuration, page 48-1](#)
- [Resetting a Phone, page 48-8](#)
- [Adding a Directory Number, page 48-30](#)
- [Updating a Directory Number, page 48-31](#)
- [Cisco IP Phones, \*Cisco CallManager System Guide\*](#)
- [Phone Features, \*Cisco CallManager System Guide\*](#)
- [Phone Configuration Checklist, \*Cisco CallManager System Guide\*](#)

## Speed Dial Configuration Settings

Table 48-2 describes the speed-dial button configuration settings.

**Table 48-2 Speed Dial Configuration Settings**

Field	Description
Speed Dial	This field identifies the speed-dial button on the phone or on the Cisco IP Phone 7914 Expansion Module.
Number	Enter the number that you want dialed when the user presses the speed-dial button.
Label	Enter the text that you want to appear for the speed-dial button.  Cisco CallManager does not make this field available for the Cisco IP Phone 7910.

**Related Topics**

- [Cisco IP Phone Configuration, page 48-1](#)
- [Adding a Directory Number, page 48-30](#)
- [Updating a Directory Number, page 48-31](#)
- [Configuring Speed-Dial Buttons, page 48-23](#)
- [Cisco IP Phones, \*Cisco CallManager System Guide\*](#)

- [Phone Features](#), *Cisco CallManager System Guide*
- [Phone Configuration Checklist](#), *Cisco CallManager System Guide*

## Configuring Cisco IP Phone Services

From a Cisco IP Phone 7960/7940, users can access information services, such as weather, stock quotes, or other services available to their company. Using the Cisco CallManager Administration, you can set up the available services for phones. Users can modify the services using the Cisco IP Phone User Options windows. For information about the Cisco IP Phone User Options windows, refer to the *Cisco IP Phone 7960/7940 User Guide*. For more information on maintaining services in Cisco CallManager Administration, see the [“Cisco IP Phone Services Configuration” section on page 36-1](#).

### Subscribing to a Service

Perform the following steps to subscribe to new services for a phone.

#### Before You Begin

Add the services to Cisco CallManager. For more information, see the [“Adding a Cisco IP Phone Service” section on page 36-2](#).

#### Procedure

---

- Step 1** Choose **Device > Phone**.  
The Find and List Phones window displays.
- Step 2** To locate a specific phone, enter search criteria, and click **Find**.  
A list of phones that match the search criteria appears.
- Step 3** Choose the phone to which you want to add a service.  
The Phone Configuration window displays.
- Step 4** On the upper, right side of the window, click the Update Services link.
- Step 5** From the Select a Service drop-down list box, choose the service that you want to add to the phone.

**Step 6** Click **Continue**.

The window displays with the service you chose. If you want to choose a different service, click **Back** and repeat [Step 5](#).

**Step 7** Click **Subscribe**.

The service appears in the Your Subscribed Services list.

---

### Related Topics

- [Resetting a Phone, page 48-8](#)
- [Updating Services, page 48-26](#)
- [Unsubscribing from a Service, page 48-27](#)
- [Adding a Cisco IP Phone Service, page 36-2](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)

## Updating Services

Perform the following steps to update a service. You can update the service name and service parameter values, if necessary.

### Procedure

---

**Step 1** Choose **Device > Phone**.

The Find and List Phones window displays.

**Step 2** To locate a specific phone, enter search criteria, and click **Find**.

A list of phones that match the search criteria appears.

**Step 3** Choose the phone for which you want to update a service.

The Phone Configuration window displays.

**Step 4** On the upper, right side of the window, click the Update Services link.

**Step 5** From the Your Subscribed Services list, choose a service.

**Step 6** Update the appropriate parameter and click **Update**.

---

**Related Topics**

- [Cisco IP Phone Configuration, page 48-1](#)
- [Resetting a Phone, page 48-8](#)
- [Unsubscribing from a Service, page 48-27](#)
- [Adding a Cisco IP Phone Service, page 36-2](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)

## Unsubscribing from a Service

Perform the following steps to unsubscribe from a service.

**Procedure**

---

- Step 1** Choose **Device > Phone**.
- The Find and List Phones window displays.
- Step 2** Enter search criteria to locate a specific phone and click **Find**.
- A list of phones that match the search criteria appears.
- Step 3** Choose the phone from which you want to delete a service.
- The Phone Configuration window displays.
- Step 4** On the upper, right side of the window, click the Update Services link.
- Step 5** From the Your Subscribed Services list, choose a service.
- Step 6** Click **Unsubscribe**.
- A warning message verifies that you want to unsubscribe from the service.
- Step 7** Click **OK** to unsubscribe or click **Cancel** to restore your previous settings.
- 

**Related Topics**

- [Cisco IP Phone Configuration, page 48-1](#)
- [Resetting a Phone, page 48-8](#)
- [Subscribing to a Service, page 48-25](#)

- [Adding a Cisco IP Phone Service, page 36-2](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)

## Finding a Phone

Because you might have thousands of Cisco IP phones in your network, Cisco CallManager lets you search for phones based on specified criteria. Follow these steps to search for a specific Cisco IP phone in the Cisco CallManager database.



### Note

The Cisco VG248 Gateway will not display when you search for phones. You can search for the Cisco VG248 Analog Phone ports from the Find and List Phones window of the Cisco CallManager Administration. See the [“Gateway Configuration” section on page 47-1](#) for configuration information on the Cisco VG248 Gateway.



### Tip

For methods to limit your search, refer to the [“Phone Search”](#) section in the *Cisco CallManager System Guide*.

### Procedure

**Step 1** Choose **Device > Phone**.

The Find and List Phones window displays.

**Step 2** Choose the field that you want to use to locate a phone.



### Note

To find all phones registered in the database, choose Device Name from the list of fields and choose “is not empty” from the list of patterns; then, click **Find**.

**Step 3** Choose the appropriate search pattern for your text search. If you do not want to perform a text search, choose “is empty.”

**Step 4** Enter your search text, if any, in the Find field.

**Step 5** If you choose calling search space or device pool in [Step 2](#), the options available in the database display. From the drop-down list box below the **Find** button, you can choose one of these options.

**Step 6** Click **Find**.

A list of devices matching the criteria appears. The field you chose in [Step 2](#) determines how the devices in the list are sorted.

This window also lists the total number of devices and windows in this window.

**Step 7** To view the next set of discovered devices, click **Next**.



---

**Note** You can delete or reset multiple phones from the Find and List Phones window by checking the check boxes next to the appropriate phones and clicking **Delete Selected** to delete the phones or clicking **Reset Selected** to reset the phones. You can choose all of the phones in the window by checking the check box in the matching records title bar.

---

#### Related Topics

- [Configuring Cisco IP Phones, page 48-2](#)
- [Gateway Configuration, page 47-1](#)
- [Cisco IP Phones, Cisco CallManager System Guide](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)

## Configuring Directory Numbers

Using Cisco CallManager, you can configure and modify directory numbers assigned to specific phones. These sections provide instructions for working with directory numbers.

Use this area of Cisco CallManager Administration to perform tasks such as adding or removing directory numbers, configuring call forward, call pickup, and call waiting, setting the display text that appears on the called party phone when a call is placed from a line, and disabling ring on a line.

**Related Topics**

- [Adding a Directory Number, page 48-30](#)
- [Deleting a Directory Number, page 48-33](#)
- [Updating a Directory Number, page 48-31](#)
- [Directory Number Configuration Settings, page 48-34](#)

## Adding a Directory Number

Follow these instructions to add a directory number to a specific phone. You can configure the call waiting, call forward, and call pickup phone features while adding the directory number.

**Before You Begin**

You must add a Cisco IP phone to Cisco CallManager before adding a directory number. See the [“Adding a Phone” section on page 48-4](#) for details.

**Procedure**

- 
- Step 1** Choose **Device > Phone**.
- The Find and List Phones window displays.
- Step 2** Enter search criteria to locate a specific phone and click **Find**.
- A list of phones that match the search criteria displays.
- Step 3** Click the device name to which you want to add a directory number.
- The Phone Configuration window displays.
- Step 4** In the Directory Numbers list, click an unassigned line, such as Line 1 or Line 2.
- The Configure a Directory Number window displays.
- Step 5** Enter the appropriate settings as described in [Table 48-3](#).
- Step 6** Click **Insert**.
- A message displays stating that the directory number has been added to the database.
- Step 7** To display the Phone Configuration window, click **OK**. To return to the Directory Number Configuration window, click **Cancel**.

- Step 8** For the changes to take effect, click **Restart Devices**.  
A messages indicates the number of devices that you want to restart.
- Step 9** Click **OK** to restart the devices, or click **Cancel** to cancel the process.



---

**Note** Devices restart as soon as possible. During this process, calls on gateways may drop.

---

### Related Topics

- [Cisco IP Phone Configuration, page 48-1](#)
- [Finding a Phone, page 48-28](#)
- [Adding a Phone, page 48-4](#)
- [Deleting a Directory Number, page 48-33](#)
- [Updating a Directory Number, page 48-31](#)
- [Directory Number Configuration Settings, page 48-34](#)
- [Cisco IP Phones, Cisco CallManager System Guide](#)
- [Phone Features, Cisco CallManager System Guide](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)

## Updating a Directory Number

Follow these instructions to update a directory number assigned to a specific phone.

### Procedure

---

- Step 1** Choose **Device > Phone**.  
The Find and List Phones window displays.
- Step 2** Enter search criteria to locate a specific phone.  
A list of phones that match the search criteria displays.

- Step 3** Click the name of the phone to update.  
The Phone Configuration window displays.
- Step 4** From the Directory Numbers list, click the line that you want to update.  
The Directory Number Configuration window displays.



---

**Note** If your phone uses a Cisco IP Phone 7914 Expansion Module, the Directory Numbers list displays the lines for the phone and for the Cisco IP Phone 7914 Expansion Module.

---

- Step 5** Update the appropriate settings as described in [Table 48-3](#).
- Step 6** Click **Update**.
- Step 7** For the changes to take effect, click **Restart Devices**.  
A messages indicates the number of devices that you want to restart.
- Step 8** Click **OK** to restart the devices, or click **Cancel** to cancel the process.



---

**Note** Devices restart as soon as possible. During this process, calls on gateways may drop.

---

### Related Topics

- [Cisco IP Phone Configuration, page 48-1](#)
- [Gateway Configuration, page 47-1](#)
- [Finding a Phone, page 48-28](#)
- [Adding a Phone, page 48-4](#)
- [Adding a Directory Number, page 48-30](#)
- [Deleting a Directory Number, page 48-33](#)
- [Directory Number Configuration Settings, page 48-34](#)
- [Cisco IP Phones, Cisco CallManager System Guide](#)
- [Phone Features, Cisco CallManager System Guide](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)

## Deleting a Directory Number

Perform the following procedure to delete a directory number from a specific phone.

### Procedure

---

- Step 1** Choose **Device > Phone**.
- The Find and List Phones window displays.
- Step 2** Enter the search criteria to locate a specific phone and click **Find**.
- A list of phones that match the search criteria displays.
- Step 3** Choose the device name that contains the directory number you want to delete.
- The Phone Configuration window displays.
- Step 4** From the Directory Numbers list, choose the line that you want to delete.
- The Directory Number configuration window displays.
- Step 5** Click **Delete**.
- A message appears to verify that you want to delete the line.
- Step 6** Click **OK**.
- The Phone Configuration window displays with the line deleted.
- Step 7** To reset or restart the phone and apply the new settings, click **Reset Phone**.
- Restarting the phone reregisters the phones with Cisco CallManager without shutting the phone down. Resetting the phone shuts down the phone and brings it back up (performs a complete shutdown and reinitialization of the phones).
- 

### Related Topics

- [Cisco IP Phone Configuration, page 48-1](#)
- [Finding a Phone, page 48-28](#)
- [Adding a Directory Number, page 48-30](#)
- [Updating a Directory Number, page 48-31](#)
- [Resetting a Phone, page 48-8](#)

- [Cisco IP Phones](#), *Cisco CallManager System Guide*
- [Phone Configuration Checklist](#), *Cisco CallManager System Guide*

## Directory Number Configuration Settings

Table 48-3 describes the fields available in the Directory Number Configuration Settings window.

**Table 48-3 Directory Number Configuration Settings**

Field	Description
Directory Number	<p>Enter a dialable phone number. Values can include numeric characters and route pattern wildcards and special characters except for (.) and (@). The directory number that you enter can appear in more than one partition.</p> <p>Shared Line next to the directory number means the directory number appears on more than one device in the same partition. Refer to “<a href="#">Directory Numbers</a>” in the <i>Cisco CallManager System Guide</i> for more information.</p>
Partition	<p>Choose the partition to which the directory number belongs. Make sure the directory number that you enter in the Directory Number field is unique within the partition that you choose.</p>
<b>Directory Number Settings</b>	
Voice Mail Profile	<p>List of Voice Mail Profiles defined in the Voice Mail Profile Configuration.</p> <p>The first option is &lt;None&gt;, which is the current default Voice Mail Profile configured in the Voice Mail Profile Configuration.</p>

**Table 48-3 Directory Number Configuration Settings (continued)**

Field	Description
Calling Search Space	<p>Choose the appropriate calling search space. A calling search space comprises a collection of partitions that are searched for numbers called from this directory number. The value you choose applies to all devices using this directory number.</p> <p><b>Note</b> Changes result in an update of the numbers listed in the Call Pickup Group field.</p> <p>You can configure calling search space for Forward All, Forward Busy, Forward No Answer, and Forward on Failure directory numbers. The value that you choose applies to all devices using this directory number.</p> <p>If you set the Forward All Calling Search Space field to &lt;none&gt;, Cisco CallManager uses the calling search spaces of the line and the phone when the user forwards calls using the Cisco IP Phone User Options windows or the CFwdAll softkey on the phone. If you want to restrict users from forwarding calls on their phones, you must choose a restrictive calling search space from the Forward All Calling Search Space field; for example:</p> <p>You have two calling search spaces: Building and PSTN. The Building calling search space only allows users to call within the building, while the PSTN calling search space allows users to call within and outside the building. You assign the phone to the PSTN calling search space and the line on your phone to the Building calling search space. If you set the Call Forward All calling search space to &lt;none&gt;, the Cisco CallManager can forward calls to any number within the PSTN or building calling search spaces. To prevent the user from forwarding calls to numbers outside the building, set the Call Forward All calling search space to Building.</p>
User Hold Audio Source	The audio source played when a user initiates a hold action.

**Table 48-3 Directory Number Configuration Settings (continued)**

Field	Description
Network Hold Audio Source	This audio source plays when the network initiates a hold action.
Call Waiting	Choose the appropriate call-waiting settings. This field determines whether this directory number uses call waiting when a line is busy (On), responds with a busy signal (Off), or uses the system-wide default setting (Default).  The value that you choose applies to all devices using this directory number.
Auto Answer	Choose one of the following to activate the Auto Answer feature for this directory number: <ul style="list-style-type: none"> <li>• Auto Answer Off &lt;Default&gt;</li> <li>• Auto Answer with headset</li> <li>• Auto Answer with speakerphone (Intercom)</li> </ul> <p><b>Note</b> Make sure the headset or speakerphone is not disabled when you select Auto Answer with headset or Auto Answer with speakerphone.</p>

**Call Forward and Pickup Settings**

Forward All	<p>Voice Mail—Check this box to use settings in the Voice Mail Profile Configuration window.</p> <p><b>Note</b> When this box is checked, you will not be able to enter a directory number in the Destination box or select a Calling Search Space.</p> <p>Destination—Indicates the directory number to which all calls are forwarded.</p> <p>Use any dialable phone number, including an outside destination.</p> <p>Calling Search Space—Applies to all devices using this directory number.</p>
-------------	---

**Table 48-3** *Directory Number Configuration Settings (continued)*

Field	Description
Forward Busy	<p data-bbox="603 293 1228 350">Voice Mail—Check this box to use settings in the Voice Mail Profile Configuration window.</p> <p data-bbox="603 370 1161 492"><b>Note</b> When this box is checked, you will not be able to enter a directory number in the Destination box or select a Calling Search Space.</p> <p data-bbox="603 524 1228 581">Destination—Use any dialable phone number, including an outside destination.</p> <p data-bbox="603 602 1228 659">Calling Search Space—Applies to all devices using this directory number.</p>
Forward No Answer	<p data-bbox="603 680 1228 737">Voice Mail—Check this box to use settings in the Voice Mail Profile Configuration window.</p> <p data-bbox="603 756 1161 878"><b>Note</b> When this box is checked, you will not be able to enter a directory number in the Destination box or select a Calling Search Space.</p> <p data-bbox="603 911 1228 967">Destination—Indicates the directory number to which a call is forwarded when the call is not answered.</p> <p data-bbox="603 989 1197 1045">Use any dialable phone number, including an outside destination.</p> <p data-bbox="603 1066 1228 1123">Calling Search Space—Applies to all devices using this directory number.</p>

**Table 48-3 Directory Number Configuration Settings (continued)**

Field	Description
Forward On Failure	<p data-bbox="602 289 1244 354">Voice Mail—Check this box to use settings in the Voice Mail Profile Configuration window.</p> <p data-bbox="602 370 1244 500"><b>Note</b> When this box is checked, you will not be able to enter a directory number in the Destination box or select a Calling Search Space.</p> <p data-bbox="602 524 1244 589">Destination—Indicates the directory number to which a call is forwarded when the call is not answered.</p> <p data-bbox="602 605 1244 662">Use any dialable phone number, including an outside destination.</p> <p data-bbox="602 678 1244 743">Calling Search Space—Applies to all devices using this directory number.</p>
Call Pickup Group	Choose the number that can be dialed to answer calls to this directory number (in the specified partition).
<b>Line Settings for this Device — Changes affect only this device</b>	
Display (Internal Caller ID)	<p data-bbox="602 870 1244 935">Leave this field blank to have the system display the extension.</p> <p data-bbox="602 951 1244 1008">Use a maximum of 30 alphanumeric characters. Typically, use the user name or the directory number.</p> <p data-bbox="602 1024 1244 1149">Setting applies only to the current device unless you check the check box at right and click the <b>Propagate selected</b> button. (The check box at right displays only if other devices share this directory number.)</p>

**Table 48-3 Directory Number Configuration Settings (continued)**

Field	Description
External Phone Number Mask	<p>Indicates phone number (or mask) used to send Caller ID information when placing a call from this line.</p> <p>You can enter a maximum of 30 number and “X” characters. The Xs represent the directory number and must appear at the end of the pattern. For example, if you specify a mask of 972813XXXX, an external call from extension 1234 displays a caller ID number of 9728131234.</p> <p>Setting applies only to the current device unless you check the check box at right and click the <b>Propagate selected</b> button. (The check box at right displays only if other devices share this directory number.)</p>
Message Waiting Lamp Policy	<p>Configures the handset lamp illumination policy. Choose one of the following options:</p> <ul style="list-style-type: none"> <li>• Use System Policy (The directory number refers to the service parameter “Message Waiting Lamp Policy” setting.)</li> <li>• Always Light</li> <li>• Never Light</li> </ul> <p>Setting applies only to the current device unless you check the check box at right and click the <b>Propagate selected</b> button. (The check box at right displays only if other devices share this directory number.)</p>

**Table 48-3 Directory Number Configuration Settings (continued)**

Field	Description
Line Text Label	<p>Use this field only if you do not want the directory number shown on the line appearance. Enter text that identifies this directory number for a line/phone combination.</p> <p>Suggested entries include boss's name, department's name, or other appropriate information to identify multiple directory numbers to secretary/assistant who monitors multiple directory numbers.</p> <p>Setting applies only to the current device unless you check the check box at right and click the <b>Propagate selected</b> button. (The check box at right displays only if other devices share this directory number.)</p>
Disable Ring on This Line	<p>Stops the phone from ringing to indicate incoming calls.</p> <p>Check box at left applies only to the current device unless you check the check box at right and click the <b>Propagate selected</b> button. (The check box at right displays only if other devices share this directory number.)</p>

**Related Topics**

- [Cisco IP Phone Configuration, page 48-1](#)
- [Gateway Configuration, page 47-1](#)
- [Resetting a Phone, page 48-8](#)
- [Adding a Directory Number, page 48-30](#)
- [Updating a Directory Number, page 48-31](#)
- [Cisco IP Phones, Cisco CallManager System Guide](#)
- [Phone Features, Cisco CallManager System Guide](#)
- [Phone Configuration Checklist, Cisco CallManager System Guide](#)