



# CHAPTER 7

## Updating Phones

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To update phone settings, such as changing or adding the device pool or calling search space for a group of similar phones, use the Update Phones option. You can locate the existing phone records by these two methods:

- [Using Query to Update Phones, page 7-1](#)
- [Using a Custom File to Update Phones, page 7-2](#)

## Using Query to Update Phones

To create a query to locate phones to update, use the following procedure.

### Procedure

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**Step 1** Choose **Bulk Administration > Phones > Update Phones > Query**.

The Update Phones Query window displays.



**Note** You can update all phones by not specifying a query and clicking **Find**. Skip to the [“Choosing the Update Parameters”](#) section on page 7-3.

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

- Device Name
- Description
- Directory Number
- Calling Search Space
- Device Pool
- Device Type
- Call Pickup Group
- LSC Status
- Authentication String
- Location
- Phone Load Name

- Device Protocol
- Security Profile

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

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

**Step 3** Specify the appropriate search text, if applicable.



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

**Step 4** To further define your query and to add multiple filters, check the Search Within Results check box, choose **AND** or **OR** from the drop-down box, and repeat Steps 2 and 3.

**Step 5** Click **Find**.

A list of discovered phones displays.

The Update Phones window displays the details of the phones that you choose.

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To complete the procedure for updating phones, continue to the [“Choosing the Update Parameters” section on page 7-3](#).

## Using a Custom File to Update Phones

To create a custom file to search for phones to update, use the following procedure.

### Before You Begin

1. Identify the devices that you need to update.
2. Create a text file that lists one of these options on a separate line
  - MAC addresses and device names
  - Directory numbers



**Note** You can have MAC addresses and device names in the same custom file, but ensure that directory numbers are in a separate custom file.

3. Upload the text file to the Cisco Unified Communications Manager server. See the [“Uploading a File” section on page 2-3](#).

To update phones by using a list of phones in a custom file, use the following procedure.

### Procedure

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- Step 1** Choose **Bulk Administration > Phones > Update Phones > Use Custom File**.  
The Update Phones Custom Configuration window displays.
- Step 2** In the Update Phones where drop-down list box, choose the type of custom file that you have created from the following criteria:
- Device Name (includes MAC addresses)
  - Directory Number
  - Description
- Step 3** In the list of custom files, choose the filename of the custom file for this update.
- Step 4** Click **Find**.  
If the query results are not what you expected, you can change the custom file selections.
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To complete the procedure for updating phones, continue to the [“Choosing the Update Parameters” section on page 7-3](#).

## Choosing the Update Parameters

After you have defined the query or custom file to search for phones, use this procedure to choose parameters and define values for updating phones.

### Procedure

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- Step 1** In the Update Phones Query window, click **Next**. The Update Phones shows the type of query that you chose. If you want to change the type of query, click **Back**.
- Step 2** Choose the “Logout Users before Update” check box to log out the users prior to the update. You can also use this option to bulk log out users if no fields are chosen.
- Step 3** Specify the setting that you want to update for all the records that you have defined in your query or custom file. You can choose multiple parameters to update. See the [“Field Descriptions for Updating Phones” section on page 7-4](#) for descriptions of parameters.
- Step 4** In the Value field for the checked parameter, enter the new value or choose a value from the list box.
- Step 5** In the Reset/Restart Phones area, check one of the following choices:
- **Don’t Reset/Restart phones**—To reset/restart devices at a later time.
  - **Reset phones**—To reset (power-cycle) the phones
  - **Restart phones**—To reset phones without power-cycling
- Step 6** Update the required phone parameters. See [Table 7-1](#) lists the field descriptions for updating phones.
- Step 7** To create a job for updating the records, click **Submit**.
- Step 8** Use the Job Scheduler option in the Bulk Administration main menu to schedule and activate this job.  
For more information on Jobs, see [Chapter 66, “Scheduling Jobs.”](#)

For information on log files, see [“BAT Log Files” section on page 66-3](#)

### Additional Topics

See the [“Related Topics” section on page 7-17](#).

## Field Descriptions for Updating Phones

[Table 7-1](#) provides descriptions for all possible fields that display when you are updating phones. Some device types do not require all the phone settings. For related procedures, see the [“Related Topics” section on page 7-17](#).

Values that appear in some fields display from Cisco Unified Communications Manager. You must configure these values by using Cisco Unified Communications Manager Administration.

**Table 7-1** *Field Descriptions for Update Phones*

Field	Description
Description	Enter a description that makes the device easy to recognize.
Device Pool	Choose the device pool to which this group of phones/ports should belong.  A device pool defines sets of common characteristics for devices, such as region, date/time group, Cisco Unified Communications Manager group, and calling search space for auto-registration.
Common Device Configuration	Choose the common device configuration to which you want this phone assigned. The common device configuration includes the attributes (services or features) that are associated with a particular user. Configure Common device configurations in the Common Device Configuration window. See Common Device Configuration for more information.  To see the common device configuration settings, click the View Details link.
Phone Button Template	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.  Cisco Unified Communications Manager does not make this field available for H.323 clients or CTI ports.
Softkey Template	Choose the softkey template to be used for all phones in this group.
Common Phone Profile	From the drop-down list box, choose a common phone profile from the list of available common phone profiles.

**Table 7-1** *Field Descriptions for Update Phones (continued)*

<b>Field</b>	<b>Description</b>
Calling Search Space	<p>Choose the calling search space to which this group of phones/ports should belong.</p> <p>A calling search space specifies the collection of route partitions that are searched to determine how a dialed number should be routed.</p>
AAR Calling Search Space	<p>Choose the appropriate calling search space for the device to use when it performs automated alternate routing (AAR). The AAR calling search space specifies the collection of route partitions that are searched to determine how to route a collected (originating) number that is otherwise blocked due to insufficient bandwidth.</p>
Media Resource Group List	<p>Choose the media resource group list (MRGL) to which this group of phones/ports should belong.</p> <p>An MRGL specifies a list of prioritized media resource groups. An application can choose required media resources among the available ones according to the priority order that is defined in the MRGL.</p>
User Hold MOH Audio Source	<p>Choose the user-hold audio source for this group of phones or ports.</p> <p>The user-hold audio source plays music when a user places a call on hold.</p>
Network Hold MOH Audio Source	<p>Choose the network hold audio source that this group of IP phones or CTI ports should use.</p> <p>The network-hold audio source plays music when the system places a call on hold, such as when the user transfers or parks a call.</p>
Location	<p>Choose the location to which this group of phones/ports should belong.</p> <p>A location indicates the remote location that is accessed by using restricted bandwidth connections.</p>
AAR Group	<p>Choose the automated alternate routing (AAR) group for this device. The AAR group provides the prefix digits that are used to route calls that are otherwise blocked due to insufficient bandwidth. If no AAR group is specified, Cisco Unified Communications Manager uses the AAR group that is associated with Device Pool or Line.</p>
User Locale	<p>Choose the country and language set that you want to associate with this user.</p> <p>This choice determines which cultural-dependent attributes exist for this user and which language displays for the user in the Cisco Unified Communications Manager user windows and phones.</p>

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
Network Locale	<p>Choose the network locale that you want to associate with this user.</p> <p>The Network Locale comprises a set of tones and cadences that Cisco gateways and phones use when they are communicating with the PSTN and other networks in a specific geographical area.</p>
Built in Bridge	<p>Enable or disable the built-in conference bridge for the barge feature by using the Built In Bridge drop-down list box (choose <i>On</i>, <i>Off</i>, or <i>Default</i>).</p> <p>For more configuration information, refer to the Barge and Privacy Features in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Privacy	<p>For each phone that wants Privacy, choose <i>On</i> in the Privacy drop-down list box.</p> <p>For more configuration information, refer to Barge and Privacy Features in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Device Mobility Mode	<p>From the drop-down list box, turn the device mobility feature on or off for this device or choose <i>Default</i> to use the default device mobility mode.</p> <p>Click <i>View Current Device Mobility Settings</i> to display the current values of these device mobility parameters:</p> <ul style="list-style-type: none"> <li>• Cisco Unified Communications Manager Group</li> <li>• Roaming Device Pool</li> <li>• Location</li> <li>• Region</li> <li>• Network Locale</li> <li>• AAR Group</li> <li>• AAR Calling Search Space</li> <li>• Device Calling Search Space</li> <li>• Media Resource Group List</li> <li>• SRST</li> </ul> <p><b>Tip</b> For more configuration information, refer to <i>Device Mobility</i> in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Mobility User ID	<p>From the drop-down list box, choose the user ID of the person to whom this dual-mode phone is assigned.</p> <p><b>Note</b> Be aware that the Mobility User ID configuration is used for Mobile Connect and Mobile Voice Access for dual mode phones.</p> <p><b>Note</b> The Owner User ID and Mobility User ID can differ.</p>

**Table 7-1** *Field Descriptions for Update Phones (continued)*

<b>Field</b>	<b>Description</b>
Owner User ID	Enter a user ID for the primary phone user.
Phone Personalization	<p>From the drop-down list box, enable or disable the Cisco Unified Phone Designer feature for this device or choose Default to use the phone personalization that is set in the Common Phone Profile.</p> <ul style="list-style-type: none"> <li>• Disabled—None of the Cisco Unified Phone Application Suite features get activated.</li> <li>• Enabled—This setting accepts a personalized background image file, which is used for the phone screen; it accepts a preview image file for temporary display; and it accepts a personalized tone file, so the default ring tone can be personalized.</li> <li>• Default—Use the phone personalization setting that is in the Common Phone Profile.</li> </ul>
Services Provisioning	<p>From the drop-down list box, choose the Services Provisioning setting that you want to use from the following values:</p> <ul style="list-style-type: none"> <li>• Internal</li> <li>• External URLs</li> <li>• Both</li> <li>• Default: Internal</li> </ul> <p>This parameter controls whether the phone uses the services provisioned from the configuration file (Internal), services received from the Services URLs (External URLs), or both. The External URLs option provides backward compatibility with third party provisioning servers. The Both option allows users to subscribe to the services specified in the configuration file while also appending services from an external provisioning server.</p> <p>This is a required field.</p>
Phone Load Name	<p>Enter the custom phone load, if applicable.</p> <p><b>Note</b> Any value that is entered in this field overrides the default value for the chosen model and specifies the custom software for a Cisco Unified IP Phone.</p>

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
Single Button Barge	<p>From the drop-down list box, enable or disable the Single Button Barge/cBarge feature for this device or choose Default to use the service parameter setting.</p> <ul style="list-style-type: none"> <li>• Off—This setting disables the Single Button Barge/cBarge feature; however, the regular Barge or cBarge features will still work.</li> <li>• Barge—This setting enables the Single Button Barge feature.</li> <li>• cBarge—This setting enables the Single Button cBarge feature.</li> <li>• Default—This setting uses the Single Button Barge/cBarge setting that is in the service parameter.</li> </ul> <p><b>Tip</b> For more configuration information, refer to Barge and Privacy in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Join Across Lines	<p>From the drop-down list box, enable or disable the Join Across Lines feature for this device or choose Default to use the service parameter setting.</p> <ul style="list-style-type: none"> <li>• Off—This setting disables the Join Across Lines feature.</li> <li>• On—This setting enables the Join Across Lines feature.</li> <li>• Default—This setting uses the Join Across Lines setting that is in the service parameter.</li> </ul>

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
Use Trusted Relay Point	<p>From the drop-down list box, enable or disable whether Cisco Unified Communications Manager inserts a trusted relay point (TRP) device with this media endpoint. Choose one of the following values:</p> <ul style="list-style-type: none"> <li>• <b>Default</b>—If you choose this value, the device uses the Use Trusted Relay Point setting from the common device configuration with which this device associates.</li> <li>• <b>Off</b>—Choose this value to disable the use of a TRP with this device. This setting overrides the Use Trusted Relay Point setting in the common device configuration with which this device associates.</li> <li>• <b>On</b>—Choose this value to enable the use of a TRP with this device. This setting overrides the Use Trusted Relay Point setting in the common device configuration with which this device associates.</li> </ul> <p>A Trusted Relay Point (TRP) device designates an MTP or transcoder device that is labeled as Trusted Relay Point.</p> <p>Cisco Unified Communications Manager places the TRP closest to the associated endpoint device if more than one resource is needed for the endpoint (for example, a transcoder or RSVPAgent).</p> <p>If both TRP and MTP are required for the endpoint, TRP gets used as the required MTP.</p> <p><b>Tip</b> See TRP Insertion Requirements in the <i>Cisco Unified Communications Manager System Guide</i> for details of call behavior.</p>
Calling Party Transformation CSS	<p>This setting allows you to localize the calling party number on the device. Make sure that the Calling Party Transformation CSS that you choose contains the calling party transformation pattern that you want to assign to this device.</p> <p>The device takes on the attributes of the Calling Party Transformation Pattern when you assign the pattern to a partition where the Calling Party Transformation CSS exists.</p> <p><b>Tip</b> For more configuration information, refer to <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
BLF Audible Alert Setting (Phone Idle)	<p>From the drop-down list box, choose the BLF Audible Alert setting that you want to use from the following values:</p> <ul style="list-style-type: none"> <li>• On</li> <li>• Off</li> <li>• Default</li> </ul> <p>This parameter provides an audible alert in addition to a visual alert on a phone that is currently idle when a call comes in to one of the lines that is monitored by way of a busy line field (BLF) button.</p> <p>This is a required field.</p>
BLF Audible Alert Setting (Phone Busy)	<p>This parameter provides an audible alert in addition to a visual alert on a phone that is currently in use when a call comes in to one of the lines that is monitored by way of a busy line field (BLF) button.</p> <p>From the drop-down list box, choose the BLF Audible Alert setting that you want to use from the following values:</p> <ul style="list-style-type: none"> <li>• On</li> <li>• Off</li> <li>• Default</li> </ul> <p>This is a required field.</p>
Use Device Pool Calling Party Transformation CSS	<p>To use the Calling Party Transformation CSS that is configured in the device pool that is assigned to this device, check this check box. If you do not check this check box, the device uses the Calling Party Transformation CSS that you configured in the device configuration window.</p>
Ignore Presentation Indicators	<p>Check this check box if the system must ignore presentation indicators.</p>
Retry Video Call as Audio	<p>Check this check box to retry a video call as an audio call.</p>
Allow Control of Device from CTI	<p>Check this check box to allow CTI to control and monitor this device.</p> <p>If the associated directory number specifies a shared line, the check box should remain enabled as long as at least one associated device specifies a combination of device type and protocol that CTI supports.</p>
Logged into Hunt Group	<p>This check box, which gets checked by default for all phones, indicates that the phone is currently logged in to a hunt list (group). When the phone gets added to a hunt list, the administrator can log the user in or out by checking (and unchecking) this check box.</p> <p>Users use the softkey on the phone to log their phone in or out of the hunt list.</p>

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
Remote Device	<p>If you are experiencing delayed connect times over SCCP to remote sites, check the Remote Device check box in the Phone Configuration window. Checking this check box tells Cisco Unified Communications Manager to allocate a buffer for the phone device when it registers and to bundle SCCP messages to the phone.</p> <p><b>Note</b> Because this feature consumes resources, be sure to check this check box only when you are experiencing signaling delays for phones that run SCCP. Most users do not require this option.</p>
Protected Device	<p>Check this check box to designate a phone as "protected." This enables the phone to play a two-second tone notifying the user when a call is both encrypted and both phones are configured as protected devices. The tone plays for both parties when the call is answered. The tone does not play unless both phones are "protected" and the call occurs over encrypted media.</p> <p><b>Tip</b> For a detailed description of the secure-tone feature and the configuration requirements, see the <i>Cisco Unity Connection System Administration Guide</i>.</p>
<b>Protocol Specific Information</b>	
Packet Capture Mode	<p>From the drop-down list box, choose the mode that you want to set for signal packet capture:</p> <p>None—Choose None if you do not want to specify a mode.</p> <p>Real-Time Mode—Use this mode for real-time signal packet capture.</p> <p>Batch Processing Mode—Use this mode for batch processing signal packet capture mode.</p>
Packet Capture Duration	<p>Enter the time for packet capture in minutes. You can enter a maximum duration of 300 minutes. The default duration specifies 60 minutes.</p>
Presence Group	<p>Used with the Presence feature, the phones that is running SIP or SCCP serves as a watcher because it requests status about the presence entity, for example, directory number, that is configured as a BLF speed dial button on the phone.</p> <p>If you want the phone to receive the status of the presence entity, choose a Presence Group that is allowed to view the status of the Presence Group that is applied to the directory number, as indicated in the Presence Group Configuration window.</p> <p><b>Tip</b> For more information on the presence feature, refer to the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
Device Security Profile	<p>For phones that run SCCP and SIP, choose the security profile that you want to apply to the device.</p> <p>All phones require that you apply a security profile. If the phone does not support security, choose a nonsecure profile.</p> <p><b>Tip</b> The CAPF settings that are configured in the profile relate to the Certificate Authority Proxy Function settings that display in the Phone Configuration window. If you want to manage manufacture-installed certificates (MICs) or locally significant certificates (LSC), you must configure the CAPF settings in the profile and in the Phone Configuration window.</p>
SUBSCRIBE Calling Search Space	<p>Used with the Presence feature, the SUBSCRIBE Calling Search Space determines how Cisco Unified Communications Manager routes the subscription requests that come from the phone. From the drop-down list box, choose the calling search space that you want to use for this purpose.</p> <p><b>Tip</b> For more information on the presence feature, refer to the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Outbound Call Rollover	<p>From the drop-down list box, choose the rollover option that you want to use for outbound calls.</p> <p>No Rollover—Choose this option to Switch off the rollover feature. Conference and transfer will not work in this mode.</p> <p>Rollover within the same DN—Choose this option to use rollover within the same DN. Conferences and call transfers complete by using the same directory number (on different lines).</p> <p>Rollover to any line—Choose this option to roll over to any line. Conferences and call transfers complete by using a different directory number and line than the original call.</p>
Unattended Port	Check this check box to indicate an unattended port on this device.
Require DTMF Reception	For phones that run SIP and SCCP, check this check box to require DTMF reception for this phone.
<b>External Data Locations Information</b>	
Information	Enter the help text URL for the information button .
Directory	Enter the URL of the directory server.
Messages	Enter the voice-messaging access pilot number.
Services	Enter the URL for the services menu.

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
Authentication Server	<p>Enter the URL that the phone uses to validate requests that are made to the phones web server. If you do not provide an authentication URL, the advanced features on Cisco Unified IP Phones that require authentication will not function. Leave this field blank to accept the default setting.</p> <p>By default, this URL accesses a Cisco Unified IP Phone User Options window that was configured during installation.</p>
Proxy Server	<p>Enter the host and port (for example, proxy.cisco.com:80) that are used to proxy HTTP requests for access to non-local host addresses from the phones 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 the cisco.com domain, the phone accesses the URL without using the proxy because it is in the same domain as the URL.</p> <p>Leave this field blank to accept the default setting.</p>
Idle	<p>Enter the URL to display on the Cisco Unified IP Phone screen when the phone has not been used for the time that is specified in the Idle Time field. For example, you can display a logo on the screen when the phone has not been used for 5 minutes. Leave this field blank to use the default value.</p>
Idle Timer	<p>Enter the seconds that you want to elapse before the phone displays the URL that is specified in the Idle field. Leave this field blank to use the default value.</p>
<b>Extension Information</b>	
Enable Extension Mobility	<p>Check this check box to enable extension mobility.</p> <p>Choose 0-Off if you want to disable this feature or choose 1-On to enable this feature.</p> <p>Extension mobility allows a user to log in and out of a Cisco Unified IP Phone. Refer to the <i>Cisco Unified Communications Manager Features and Services Guide</i> for more information about extension mobility.</p>
IP Services1	<p>Use Cisco Unified Communications Manager Administration to choose any services that have been configured.</p>
IP Services2	<p>Use Cisco Unified Communications Manager Administration to choose any services that have been configured.</p> <p>Using Cisco Unified Communications Manager Bulk Administration (BAT), you cannot update more than two IP services in one transaction.</p>
<b>Certification Authority Proxy Function (CAPF) Information</b> (These parameters display only for devices with the capability to support authentication or encryption.)	

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
Certificate Operation	<p>From the drop-down list box, choose the Certification Operation that you want to perform from the following options:</p> <ul style="list-style-type: none"> <li>• <b>No Pending Operation</b>—No pending Certification Operation lists exist for this device. Choosing this option disables the remaining CAPF fields.</li> <li>• <b>Install/Upgrade</b>—Install or upgrade a Certification Operation.</li> <li>• <b>Delete</b>—Delete a Certification Operation</li> <li>• <b>Troubleshoot</b>—Troubleshoot a Certification Operation.</li> </ul>
Generate Unique Authentication String for Each Device	Check this check box if you want a unique authentication string to be generated for each device.
Authentication String	If Authentication Mode is By Authentication String, enter the Authentication String. Alternately, to get a system-generated string, click <b>Generate String</b> .
Operation Completes By	Enter the date by which the Certification Operation will complete. The date format specifies YYYY: MM: DD: HH. The default completion date specifies 10 days from the current system date.
<b>MultiLevel Precedence and Preemption (MLPP) Information</b>	
MLPP Indication	<p>If available, this setting specifies whether a device that is capable of playing precedence tones will use the capability when it places an MLPP precedence call.</p> <p>From the drop-down list box, choose a setting to assign to this device from the following options:</p> <ul style="list-style-type: none"> <li>• <b>Default</b>—This device inherits its MLPP indication setting from its device pool.</li> <li>• <b>Off</b>—This device does not send indication of an MLPP precedence call.</li> <li>• <b>On</b>—This device does send indication of an MLPP precedence call.</li> </ul> <p><b>Note</b> Do not configure a device with the following combination of settings: MLPP Indication is set to <i>Off</i> while MLPP Preemption is set to <i>Forceful</i>.</p>

**Table 7-1** *Field Descriptions for Update Phones (continued)*

<b>Field</b>	<b>Description</b>
MLPP Preemption	<p>If available, this setting specifies whether a device that is capable of preempting calls in progress will use the capability when it places an MLPP precedence call.</p> <p>From the drop-down list box, choose a setting to assign to this device from the following options:</p> <ul style="list-style-type: none"> <li>• Default—This device inherits its MLPP preemption setting from its device pool.</li> <li>• Disabled—This device does not preempt calls in progress when it places an MLPP precedence call.</li> <li>• Forceful—This device preempts calls in progress when it places an MLPP precedence call.</li> </ul> <p><b>Note</b> Do not configure a device with the following combination of settings: MLPP Indication is set to <i>Off</i> while MLPP Preemption is set to <i>Forceful</i>.</p>
MLPP Domain (e.g., "0000FF")	Enter a hexadecimal value for the MLPP domain that is associated with this device. Ensure that this value is blank or a value between 0 and FFFFFFFF.
<b>Do Not Disturb (DND)</b>	
Do Not Disturb	If you want to enable the DND feature, check this check box.
DND Option	<p>From the drop-down list box, choose a DND option from the following options:</p> <ul style="list-style-type: none"> <li>• None</li> <li>• Ringer Off</li> <li>• Call Reject</li> <li>• Use Common Phone Profile Setting</li> </ul>
DND Incoming Call Alert	<p>From the drop-down list box, choose one of the following options:</p> <ul style="list-style-type: none"> <li>• None</li> <li>• Disable</li> <li>• Flash Only</li> <li>• Beep Only</li> </ul>
<b>Secure Shell Information</b>	
Secure Shell User	Enter a user ID for the secure shell user. If the phone that you are configuring does not support secure shell access, this field does not display. Cisco Technical Assistance Center (TAC) uses secure shell for troubleshooting. Contact TAC for further assistance.
Secure Shell Password	Enter the password for a secure shell user. If the phone that you are configuring does not support secure shell access, this field does not display. Contact TAC for further assistance.
<b>Assign IP Phone Services</b>	

Table 7-1 Field Descriptions for Update Phones (continued)

Field	Description
Add All Services From This Template	From the drop-down list box, choose the template that contains list of services with which you want to update the phones.  You can click the <b>Edit IP Phone Service</b> link to update the subscribed Cisco Unified IP Phones services on the template.
Remove Duplicate	Check this check box to remove duplicate IP phone services. If you check this check box, the system removes the duplicate service subscriptions from phones and user device profiles. The IP system deletes services based on the IP service name.
<b>Product Specific Information</b>	
Device Security Mode	From the drop-down list box, choose the mode that you want to set for the device:  Use System Default—The phone uses the value that you specified for the enterprise parameter, Device Security Mode.  Non-secure—No security features exist for the phone. A TCP connection opens to Cisco Unified Communications Manager.  Authenticated—Cisco Unified Communications Manager provides integrity and authentication for the phone. A TLS connection that uses NULL/SHA opens.  Encrypted—Cisco Unified Communications Manager provides integrity, authentication, and encryption for the phone. A TLS connection that uses AES128/SHA opens  This field applies only if the phone model supports authentication or encryption.
Remove Duplicate IP Services from all Phones and Device Profiles	Check this check box to remove duplicate IP phone services. If you check this check box, the system removes the duplicate service subscriptions from phones and user device profiles. The IP system deletes services based on the IP service name.
Disable SpeakerPhone	Check this check box to disable the speakerphone.
Disable Speakerphone and Headset	Check this check box to disable the speakerphone and headset.
Forwarding Delay	Use this field to enable or disable forwarding delay. Choose enable when you want the port to wait a few seconds before forwarding a call.
PC Port	Use this field to enable or disable the PC port on phones that have internal switches. Users can connect a PC or workstation to the phone by using the port labeled “10/100 PC” on the back of the phone.
Setting Access	Use this field to choose whether the user has access to phone settings. The options include Enabled and Disable.
Gratuitous ARP	Choose Enabled or Disabled to control gratuitous ARP.
PC Voice VLAN Access	Choose Enabled or Disabled to control access to a PC voice VLAN.
Video Capabilities	Choose Enabled or Disabled to control video capabilities access.

**Table 7-1** *Field Descriptions for Update Phones (continued)*

Field	Description
Auto Line Select	Choose Enabled or Disabled to allow or disallow automatic line selection on the phone.
Web Access	Choose Enabled or Disabled to allow web access on the phone.

**Note**

To complete the procedure, go to [“Choosing the Update Parameters”](#) section on page 7-3.

## Related Topics

- [Using Query to Update Phones, page 7-1](#)
- [Using a Custom File to Update Phones, page 7-2](#)
- [Choosing the Update Parameters, page 7-3](#)
- [Field Descriptions for Updating Phones, page 7-4](#)

