



CHAPTER 7

Updating Phones

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

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



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.

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

-
-
-
-
-
-
-
-

Step 3**Tip**

Step 4 To further define your query and to add multiple filters, check the Search Within Results check box, choose **AND** **OR**

Step 5 **Find**

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

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



You can have MAC addresses and device names in the same custom file, but directory numbers must be in a separate custom file.

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.

Bulk Administration > Phones > Update Phones > Use Custom File.

Device Name (includes MAC addresses)

Directory Number

Description

In the list of custom files, choose the filename of the custom file for this update.

Click .

If the query results are not what you expected, you can change the custom file selections.

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

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.

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**

[” section on page 7-4](#) for descriptions of parameters.

In the Value field for the checked parameter, enter the new value or choose a value from the list box.

In the Reset/Restart Phones area, check one of the following choices:

Don’t Reset/Restart devices—To reset/restart devices at a later time.

Reset devices—To reset (power-cycle) the phones

Restart devices—To reset phones without power-cycling

Step 6

Step 7 **Submit** to create a job for updating the records.

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 63, “Scheduling Jobs.”](#)

Additional Topics

Field Descriptions for Updating Phones

Table 7-1 *Field Descriptions for Update Phones*

Field	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.
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.
Calling Search Space	Choose the calling search space to which this group of phones/ports should belong. A calling search space specifies the collection of route partitions that are searched to determine how a dialed number should be routed.
AAR Calling Search Space	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.

Field Descriptions for Update Phones (continued)

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 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 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>
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>
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>, <i>Default</i>)</p> <p align="right"><i>Cisco Unified Communications Manager Features and Services Guide</i></p>
	<i>On</i>
	<i>Cisco Unified Communications Manager Features and Services Guide</i>
Owner User ID	Enter a user ID for the primary phone user.

Field	Description
Protocol Specific Information	
	maximum duration of 300 minutes. The default duration specifies 60 minutes.
Presence Group	<p>Used with the Presence feature, the SIP or SCCP phone 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>Tip For more information on the Presence feature, refer to the</p>

Field	Description
Device Security Profile	<p>For SCCP and SIP phones, 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>Tip 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>Tip For more information on the Presence feature, refer to the</p>
Unattended Port	<p>Check this check box to indicate an unattended port on this device.</p>
Require DTMF Reception	<p>For SIP and SCCP phones, check this check box to require DTMF reception for this phone.</p>
External Data Locations Information	

	<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	Enter the URL to display on the Cisco Unified IP Phone window 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 window when the phone has not been used for 5 minutes. Leave this field blank to use the default value.
Idle Timer	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.
Extension Mobility	<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 IP Phone. Refer to the Cisco Unified IP Phone Administration Guide for more information about extension mobility.</p>
IP Services1	Use Cisco Unified Communications Manager Administration to choose any services that have been configured.
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 2 IP services in one transaction.</p>
Certification Authority Proxy Function (CAPF) Information (
	No Pending Operation

Field	Description
	Generate String
MultiLevel Precedence and Preemption (MLPP) Information	
	<ul style="list-style-type: none"> • • • <p>Note</p>
	<ul style="list-style-type: none"> • • • <p>Note</p>
MLPP Domain (e.g., "0000FF")	Enter a hexadecimal value for the MLPP domain associated with this device. Must be blank or a value between 0 and FFFFFFFF.
Do Not Disturb (DND)	

