



## Device Profile Configuration Settings

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This chapter contains settings that you configure when you add and update device profiles (or device profile templates). After you become familiar with how the Cisco Voice Provisioning Tool works, consider printing this chapter to use as a reference.

This chapter contains information on the following topics:

### Device Profile Template and Device Profile Pages

- [Considerations for Device Profile Settings, page 13-1](#)
- [Device Profile Parameters, page 13-2](#)
- [Basic Device Profile Settings, page 13-3](#)
- [Advanced Device Profile Settings, page 13-3](#)
- [Basic Line Configuration Settings for Device Profiles, page 13-5](#)
- [Advanced Line Configuration Settings for Device Profiles, page 13-13](#)

### Bulk Provisioning

- [Device Profile Configuration Settings for Bulk Provisioning, page 13-16](#)
- [Line Settings for Device Profile Bulk Provisioning, page 13-21](#)

## Considerations for Device Profile Settings

Consider the following information before you review the device profile configuration settings:

- Most settings in the tables are considered optional; that is, you do not need to configure them to add or update a device profile (or device profile template).
- For required settings, an asterisk (\*) displays next to the setting in the GUI.
- For templates, you can leave most fields blank, enter partial data, or specify the exact information as you want it to display for individual device profiles.
- Because some settings do not display in the GUI when you add a device profile or update a device profile, the order in the tables may not reflect the order of the settings in the GUI. This document does not distinguish the settings for additions or modifications; if the setting does not display on the page, you cannot configure it.

# Device Profile Parameters

Use [Table 13-1](#) in conjunction with the following sections:

## Template Pages

- [Adding a VPT Phone or Device Profile Template, page 7-2](#)
- [Updating a VPT Phone or Device Profile Template, page 7-3](#)

## Device Profile Pages

- [Adding a Single Phone or Device Profile, page 4-2](#)
- [Updating a Single Phone or Device Profile, page 4-3](#)
- [Updating Multiple Phones or Device Profiles at the Same Time, page 4-4](#)

**Table 13-1** Device Profile Parameters

Setting	Description
<b>Template Pages</b>	
Template Name	Enter a maximum of 255 characters to create a unique template name. The Cisco Voice Provisioning Tool validates that the template name does not exist in the Cisco Voice Provisioning Tool database. If the name exists, the GUI displays an error message.
Template Description	Enter a maximum of 255 characters to describe the Cisco Voice Provisioning Tool template.
Phone System	From the drop-down list box, choose the Cisco CallManager that you want to associate with the Cisco Voice Provisioning Tool device profile template.
Device Class	From the drop-down list box, choose the type of Cisco Voice Provisioning Tool template that you want to create. To create a device profile template, choose <b>Device Profile</b> .
Device Type	From the drop-down list box, choose the phone model for which you want to create the Cisco Voice Provisioning Tool template. Because all phones do not support the same features, the phone model that you choose determines the settings that display for the Cisco Voice Provisioning Tool template.
<b>Device Profile Pages</b>	
VPT Profile Template	If you want to do so, choose a Cisco Voice Provisioning Tool template to apply the template settings to the device profile.
Phone System	From the drop-down list box, choose the Cisco CallManager that you want to associate with the device profile.
Device Class	To create a device profile, choose <b>Device Profile</b> .
Device Type	From the drop-down list box, choose the phone model that you want to configure. Because all phones do not support the same features, the phone model that you choose determines the settings that display in the GUI.

# Basic Device Profile Settings

Use [Table 13-2](#) in conjunction with the following sections:

## Template Pages

- [Adding a VPT Phone or Device Profile Template, page 7-2](#)
- [Updating a VPT Phone or Device Profile Template, page 7-3](#)

## Device Profile Pages

- [Adding a Single Phone or Device Profile, page 4-2](#)
- [Updating a Single Phone or Device Profile, page 4-3](#)
- [Updating Multiple Phones or Device Profiles at the Same Time, page 4-4](#)

**Table 13-2 Basic Device Profile Configuration Settings**

Setting	Description
User Device Profile Name	Enter a unique name in the User Device Profile Name field. This name can comprise up to 50 characters in length.
Device Profile Description	Enter a description of the user device profile in the Description field. For text, enter any alphanumeric characters that describes this particular user device profile.
Phone Button Template	Choose the appropriate phone button template, which is required for line configuration in the Cisco Voice Provisioning Tool. 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.  Before options other than the default setting display in the drop-down list box, you must configure the setting in Cisco CallManager Administration. For information on how to perform this task, see the <i>Cisco CallManager Administration Guide</i> .

# Advanced Device Profile Settings

Use [Table 13-3](#) in conjunction with the following sections:

## Template Pages

- [Adding a VPT Phone or Device Profile Template, page 7-2](#)
- [Updating a VPT Phone or Device Profile Template, page 7-3](#)

## Device Profile Pages

- [Adding a Single Phone or Device Profile, page 4-2](#)
- [Updating a Single Phone or Device Profile, page 4-3](#)
- [Updating Multiple Phones or Device Profiles at the Same Time, page 4-4](#)

**Table 13-3**      **Advanced Device Profile Settings**

<b>Setting</b>	<b>Description</b>
User Hold Audio Source	<p>To specify the audio source that plays when a user puts the call on hold, choose an audio source from the list that displays. If you do not choose an audio source, Cisco CallManager uses the audio source that is defined in the device pool or the system default if the device pool does not specify an audio source ID.</p> <p>Before options other than the default setting display in the drop-down list box, you must configure the setting in Cisco CallManager Administration. For information on how to perform this task, see the <i>Cisco CallManager Administration Guide</i>.</p>
User Locale	<p>From the drop-down list box, choose the locale that is associated with the phone user interface. The user locale identifies a set of detailed information to support users, including language and font.</p> <p>If no user locale is specified, Cisco CallManager uses the user locale that is associated with the device pool.</p> <p>If the users require information to be displayed on the phone in any language other than English, verify that the locale installer is installed before configuring user locale. See the Cisco IP telephony locale installer documentation.</p>
Ignore Presentation Indicators (internal calls only)	<p>From the drop-down list box, choose <b>Enabled</b> to configure call display restrictions on a call-by-call basis. When you enable this setting, Cisco CallManager ignores any presentation restriction that is received for internal calls.</p> <p>Use this configuration in combination with the callingline ID presentation and connected line ID presentation configuration at the translation pattern level. Together, these settings allow you to configure call display restrictions to selectively present or block calling and/or connected line display information for each call. For information on how configure translation patterns, see the <i>Cisco CallManager Administration Guide</i>.</p>
Softkey Template	Choose the appropriate softkey template. The softkey template determines the configuration of the softkeys on Cisco IP Phones. Leave this field blank if the device pool contains the assigned softkey template.
Module 1	Choose the appropriate expansion module or none.
Module 2	Choose the appropriate expansion module or none.
MLPP Domain (e.g., "0000FF")	Enter a hexadecimal value between 0 and FFFFFFFF for the MLPP domain that is associated with this device. If you leave this field blank, this device inherits its MLPP domain from the value set from the device pool that is configured for the phone. If the device pool does not have an MLPP domain setting, this device inherits its MLPP domain from the value set for the MLPP Domain Identifier enterprise parameter.

Table 13-3 Advanced Device Profile Settings (continued)

Setting	Description
MLPP Indication	<p>If available, this setting specifies whether a device that supports precedence tones will play the tones when it places an MLPP precedence call.</p> <p>Choose one of the following options to assign to this device:</p> <ul style="list-style-type: none"> <li>• Default—This device inherits its MLPP indication setting from its device pool.</li> <li>• Off—This device does not handle nor process indication of an MLPP precedence call.</li> <li>• On—This device does handle and process 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 Off or Default (when default is Off) while MLPP Preemption is set to Forceful.</p> <p><b>Note</b> Turning on MLPP Indication (at the enterprise parameter, device pool, or device level) disables normal Ring Setting behavior for the lines on a device, unless MLPP Indication is turned off (overridden) for the device.</p>
MLPP Preemption	<p>This setting specifies whether a device that supports preempting calls in progress will use the capability when it places an MLPP precedence call.</p> <p>Choose one of 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 allow preemption of lower precedence calls to take place when necessary for completion of higher precedence calls.</li> <li>• Forceful—This device allows preemption of lower precedence calls to take place when necessary for completion of higher precedence calls.</li> </ul> <p><b>Note</b> Do not configure a device with the following combination of settings: MLPP Indication is set to Off or Default (when default is Off) while MLPP Preemption is set to Forceful.</p>
Login User ID	<p>Enter a valid login user ID.</p> <p><b>Tip</b> If the user device profile is used as a logout profile, specify the login user ID that will be associated with the phone. After the user logs out from this user device profile, the phone will automatically log in to this login user ID.</p>

## Basic Line Configuration Settings for Device Profiles

Use [Table 13-4](#) in conjunction with the following sections:

### Template Pages

- [Adding a VPT Phone or Device Profile Template, page 7-2](#)
- [Updating a VPT Phone or Device Profile Template, page 7-3](#)

**Device Profile Pages**

- [Configuring a Line, page 4-9](#)
- [Adding a Line, page 4-9](#)
- [Updating a Line, page 4-10](#)

**Table 13-4 Basic Line Configuration Settings**

Setting	Description
Directory Number	<p>Enter a phone number that can be dialed. Values can include numeric characters and route pattern wildcards and special characters except for (.) and (@).</p> <p><b>Note</b> When a pattern is used as a directory number, the display on the phone and the caller ID that display on the dialed phone will both contain characters other than digits. To avoid this, we recommend that you provide a value for Display (Internal Caller ID), Line text label, and External phone number mask.</p> <p>The directory number that you enter can appear in more than one partition. However, if a JTAPI or TAPI application controls or monitors a device, you should not configure multiple instances of the same DN (with different partitions) on that device.</p> <p><b>Tip</b> You cannot configure this setting for VPT profile templates.</p>
Partition	<p>Choose the partition where the directory number belongs. Make sure that the directory number that you enter in the Directory Number field is unique within the partition that you choose, unless you want to configure a shared line. If you do not want to restrict access to the directory number, choose &lt;None&gt; for the partition.</p> <p><b>Tip</b> If the directory number is not unique within the partition, a message states that the line is already used by another phone. If you specify that you want to continue to use it, the line becomes a shared line.</p> <p>You can configure the number of partitions that display in this drop-down list box by using the Max List Box Items enterprise parameter in Cisco CallManager Administration. In Cisco CallManager Administration, if more partitions exist than the Max List Box Items enterprise parameter specifies, the ellipsis button (...) displays next to the drop-down list box. Click the ... button to display the Select Partition window. Enter a partial partition name in the List Items Where Name Contains field. Click the desired partition name in the list of partitions that displays in the Select item to use box and click OK.</p> <p><b>Tip</b> You cannot configure this setting for VPT profile templates.</p>
Voice Mail Profile	<p>Choose from list of Voice Mail Profiles that are defined in the Voice Mail Profile Configuration page in Cisco CallManager Administration.</p>

**Table 13-4 Basic Line Configuration Settings (continued)**

<b>Setting</b>	<b>Description</b>
Calling Search Space	<p>From the drop-down list box, choose the appropriate calling search space. A calling search space comprises a collection of partitions that are searched for numbers that are called from this directory number. The value that you choose applies to all devices that are using this directory number.</p> <p>Changes result in an update of the numbers that are 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 that are 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 by using the Cisco IP Phone User Options Pages 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, 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 Building calling search space and the line on your phone to the PSTN calling search space. If you set the Call Forward All calling search space to &lt;None&gt;, 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>
Forward All	<p>The following settings specify the forwarding treatment for calls to this directory number if the directory number is set to forward all calls.</p> <p>Specify the following values:</p> <ul style="list-style-type: none"> <li>• <b>Voice Mail</b>—Check this check box to use settings in the Voice Mail Profile Configuration window. When this check box is checked, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space.</li> <li>• <b>Coverage/Destination</b>—This setting indicates the directory number to which all calls are forwarded. Use any dialable phone number, including an outside destination.</li> <li>• <b>Calling Search Space</b>—This setting applies to all devices that are using this directory number.</li> </ul>

Table 13-4 Basic Line Configuration Settings (continued)

Setting	Description
Forward Busy Internal	<p>The following settings specify the forwarding treatment for internal calls to this directory number if the directory number is busy.</p> <p>Specify the following values:</p> <ul style="list-style-type: none"> <li>• <b>Voice Mail</b>—Check this check box to use settings in the Voice Mail Profile Configuration window for internal calls. <p>When this check box is checked, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space.</p> <p>When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p> </li> <li>• <b>Coverage/Destination</b>—Use any dialable phone number, including an outside destination. <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p> </li> <li>• <b>Calling Search Space</b>—This setting applies to all devices that are using this directory number. <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls. If you want external calls to forward to a different calling search space, you must choose a different setting in the Calling Search Space drop-down list box for external calls.</p> </li> </ul>

**Table 13-4 Basic Line Configuration Settings (continued)**

<b>Setting</b>	<b>Description</b>
Forward Busy External	<p>The following settings specify the forwarding treatment for external calls to this directory number if the directory number is busy.</p> <p>Specify the following values:</p> <ul style="list-style-type: none"> <li>• <b>Voice Mail</b>—Check this check box to use settings in the Voice Mail Profile Configuration window for external calls. <p>When this check box is checked, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space.</p> <p>When the Voice Mail check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p> </li> <li>• <b>Coverage/Destination</b>—Use any dialable phone number, including an outside destination. <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p> </li> <li>• <b>Calling Search Space</b>—This setting applies to all devices that are using this directory number. <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls. If you want external calls to forward to a different calling search space, you must choose a different setting in the Calling Search Space drop-down list box for external calls.</p> </li> </ul>

Table 13-4 Basic Line Configuration Settings (continued)

Setting	Description
Forward No Answer Internal	<p>The following settings specify the forwarding treatment for internal calls to this directory number if the directory number does not answer.</p> <p>Specify the following values:</p> <ul style="list-style-type: none"> <li>• <b>Voice Mail</b>—Check this check box to use settings in the Voice Mail Profile Configuration window. <p>When this check box is checked, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space.</p> <p>When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p> </li> <li>• <b>Coverage/Destination</b>—This setting indicates the directory number to which an internal call is forwarded when the call is not answered. Use any dialable phone number, including an outside destination. <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p> </li> <li>• <b>Calling Search Space</b>—This setting applies to all devices that are using this directory number. <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls. If you want external calls to forward to a different calling search space, you must choose a different setting in the Calling Search Space drop-down list box for external calls.</p> </li> </ul>

**Table 13-4 Basic Line Configuration Settings (continued)**

<b>Setting</b>	<b>Description</b>
Forward No Answer External	<p>The following settings specify the forwarding treatment for external calls to this directory number if the directory number does not answer.</p> <p>Specify the following values:</p> <ul style="list-style-type: none"> <li>• <b>Voice Mail</b>—Check this check box to use settings in the Voice Mail Profile Configuration window. <p>When this check box is checked, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space.</p> <p>When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p> </li> <li>• <b>Coverage/Destination</b>—This setting indicates the directory number to which an external call is forwarded when the call is not answered. Use any dialable phone number, including an outside destination. <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p> </li> <li>• <b>Calling Search Space</b>—This setting applies to all devices that are using this directory number. <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls. If you want external calls to forward to a different calling search space, you must choose a different setting in the Calling Search Space drop-down list box for external calls.</p> </li> </ul>

Table 13-4 Basic Line Configuration Settings (continued)

Setting	Description
Forward No Coverage Internal	<p>This field applies only to CTI route points and CTI ports. The following settings specify the forwarding treatment for internal calls to this CTI route point or CTI port if the CTI route point or CTI port has no coverage.</p> <p>Specify the following values:</p> <ul style="list-style-type: none"> <li> <p><b>Voice Mail</b>—Check this check box to use settings in the Voice Mail Profile Configuration window.</p> <p>When this check box is checked, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space. When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p> </li> <li> <p><b>Coverage/Destination</b>—This setting specifies the directory number to which an internal nonconnected call is forwarded when an application that controls that directory number fails. Use any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p> </li> <li> <p><b>Calling Search Space</b>—This setting applies to all devices that are using this directory number.</p> <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls. If you want external calls to forward to a different calling search space, choose a different setting in the Calling Search Space for external calls.</p> </li> </ul>

**Table 13-4 Basic Line Configuration Settings (continued)**

Setting	Description
Forward No Coverage External	<p>This field applies only to CTI route points and CTI ports. The following settings specify the forwarding treatment for external calls to this CTI route point or CTI port if the CTI route point or CTI port has no coverage.</p> <p>Specify the following values:</p> <ul style="list-style-type: none"> <li>• <b>Voice Mail</b>—Check this check box to use settings in the Voice Mail Profile Configuration window. <p>When this check box is checked, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space. When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p> </li> <li>• <b>Coverage/Destination</b>—This setting specifies the directory number to which an internal nonconnected call is forwarded when an application that controls that directory number fails. Use any dialable phone number, including an outside destination. <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p> </li> <li>• <b>Calling Search Space</b>—This setting applies to all devices that are using this directory number. <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls. If you want external calls to forward to a different calling search space, choose a different setting in the Calling Search Space for external calls.</p> </li> </ul>

## Advanced Line Configuration Settings for Device Profiles

Table 13-5 describes the advanced line configuration settings. Use Table 13-5 in conjunction with the following sections:


### Template Pages

- [Adding a VPT Phone or Device Profile Template, page 7-2](#)
- [Updating a VPT Phone or Device Profile Template, page 7-3](#)

### Device Profile Pages

- [Configuring a Line, page 4-9](#)
- [Adding a Line, page 4-9](#)
- [Updating a Line, page 4-10](#)

**Table 13-5**      **Advanced Line Configuration Settings**

Setting	Description
User Hold Audio Source	Choose the audio source that plays when a user initiates a hold action.
Network Hold Audio Source	Choose the audio source that plays when the network initiates a hold action.
AAR Group	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. An AAR group setting of None specifies that Cisco CallManager will not attempt rerouting of blocked calls.
Auto Answer	<p>Choose one of the following options to activate the Auto Answer feature for this directory number:</p> <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 that the headset or speakerphone is not disabled when you choose Auto Answer with headset or Auto Answer with speakerphone.</p> <p><b>Note</b> Do not configure Auto Answer for devices that have shared lines.</p>
No Answer Ring Duration (seconds)	<p>Used in conjunction with Call Forward No Answer Destination, this field sets the timer for how long the phone will ring before it is forwarded. Leave this setting blank to use the value that is set in the Cisco CallManager service parameter, Forward No Answer Timer.</p> <p> <b>Caution</b> By default, Cisco CallManager makes the time for the T301 timer longer than the No Answer Ring Duration time; if the set time for the T301 timer expires before the set time for the No Answer Ring Duration expires, the call ends, and no call forwarding can occur. If you want to do so, you can configure the time for the No Answer Ring Duration to be greater than the time for the T301 timer. For more information on the T301 timer for the Cisco CallManager service, click the <i>i</i> button that displays on the Service Parameter page in Cisco CallManager Administration.</p>
Call Pickup Group	Choose the number that can be dialed to answer calls to this directory number (in the specified partition).
MLPP Target	<p>Enter the number to which MLPP precedence calls should be directed if this directory number receives a precedence call and neither this number nor its call-forward destination answers the precedence call.</p> <p>Values can include numeric characters and octothorpe (#) and asterisk (*).</p>
Calling Search Space	From the drop-down list box, choose the calling search space to associate with the alternate party target (destination) number.

**Table 13-5** *Advanced Line Configuration Settings (continued)*

Setting	Description
MLPP No Answer Ring Duration (seconds)	<p>Enter the number of seconds (between 4 and 60) after which an MLPP precedence call will be directed to this directory number's alternate party if this directory number and its call-forwarding destination have not answered the precedence call.</p> <p>Leave this setting blank to use the value that is set in the Cisco CallManager enterprise parameter, Precedence Alternate Party Timeout.</p>
Alerting Name	<p>Enter a name that you want to display on the phone of the caller. This setting, which supports the Identification Services for the QSIG protocol, applies to shared and nonshared directory numbers. If you configure an alerting name for a directory number with shared-line appearances, when the phone rings at the terminating PINX, the system performs the following tasks:</p> <ul style="list-style-type: none"> <li>• Forwards the name of the caller that is assigned to the directory number.</li> <li>• Applies the Connected Name Restrictions (CONR) that are configured for the translation pattern (if restrictions exist); the originating PINX may modify the CONR, depending on the route pattern configuration.</li> </ul> <p>If you do not configure an alerting name, "Name Not Available" may display on the caller phone. If you do not enter a name for the Display (Internal Caller ID) field, the information in the Alerting Name field displays in the Display (Internal Caller ID) field.</p>
Display (Internal Caller ID)	<p>Leave this field blank to have the system display the extension.</p> <p>To have the system display a name, enter a maximum of 30 alphanumeric characters. Typically, use the user name or the directory number (if using the directory number, the person receiving the call may not see the proper identity of the caller).</p>
Line Text Label	<p>Use this field only if you do not want the directory number to show 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>
External Phone Number Mask	<p>Enter the phone number (or mask) that is used to send Caller ID information when a call is placed from this line.</p> <p>You can enter a maximum of 24 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>
Message Waiting Lamp Policy	Configure the handset lamp illumination policy.
Ring Setting (Phone Idle)	<p>Configure the ring setting for the line appearance when an incoming call is received and no other active calls exist on that device.</p> <p>Turning on MLPP Indication (at the enterprise parameter, device pool, or device level) disables normal Ring Setting behavior for the lines on a device, unless MLPP Indication is turned off (overridden) for the device.</p>

**Table 13-5** Advanced Line Configuration Settings (continued)

Setting	Description
Ring Setting (Phone Active)	<p>From the drop-down list box, choose the ring setting that is used when this phone has another active call on a different line.</p> <p>Turning on MLPP Indication (at the enterprise parameter, device pool, or device level) disables normal Ring Setting behavior for the lines on a device, unless MLPP Indication is turned off (overridden) for the device.</p>
Maximum Number of Calls (1-200)	<p>You can configure up to 200 calls for a line on a device, with the limiting factor being the total number of calls that are configured on the device. As you configure the number of calls for one line, the calls that are available for another line decrease.</p> <p>The default specifies 4. If the phone does not allow multiple calls for each line, the default specifies 2.</p> <p>For CTI route points, you can configure up to 10,000 calls for each port. Use this field in conjunction with the Busy Trigger field.</p> <p><b>Tip</b> To review how this setting works for devices with shared line appearances, see the <i>Cisco CallManager System Guide</i>.</p>
Busy Trigger (<=Max. calls)	<p>This setting, which works in conjunction with Maximum Number of Calls and Call Forward Busy, determines the maximum number of calls to be presented on the line. If maximum number of calls is set for 50 and the busy trigger is set to 40, then incoming call 41 is rejected with a busy cause (and will be forwarded if Call Forward Busy is set). If this line is shared, all the lines must be busy before incoming calls are rejected.</p> <p>Use this field in conjunction with Maximum Number of Calls for CTI route points. The default specifies 2 calls.</p> <p><b>Tip</b> To review how this setting works for devices with shared line appearances, see the <i>Cisco CallManager System Guide</i>.</p>
Caller Name	Checking this check box will cause the caller name to display upon call forward.
Redirected Number	Checking this check box will cause the number that was redirected to display upon call forward.
Caller Number	Checking this check box will cause the caller number to display upon call forward.
Dialed Number	Checking this check box will cause the original dialed number to display upon call forward.

## Device Profile Configuration Settings for Bulk Provisioning

Table 13-2 describes the device profile settings that you may enter during an add or modify bulk operation. Remember that you cannot use the same CSV file to perform both add and modify bulk operations. Use Table 13-2 in conjunction with the following sections:

- [Overview of the Comma Separated Value \(CSV\) File, page 8-5](#)
- [Importing Phones or Device Profiles in Bulk, page 10-1](#)
- [Modifying Bulk Import Operations for Phones or Device Profiles, page 10-2](#)

- [Exporting Phones or Device Profiles in Bulk, page 10-3](#)
- [Modifying Bulk Export Operations for Phones or Device Profiles, page 10-4](#)

**Table 13-6**      **Device Profile Configuration Settings**

Setting	Description	Important Notes
ccm_phone_templateName	Enter a VPT profile template name.	When you add or modify a device profile, configuring this setting is optional.  Entering vpt_clear does not delete the configuration for this setting.  If you specify an attribute that exists both in the VPT profile template and in the CSV file, the value that you specified in the CSV file takes precedence.
ccm_device_deviceClass	You must complete this setting when you add a phone or profile. Enter <b>Device Profile</b> .	When you add or modify a device profile, configuring this setting is required.  The system ignores vpt_clear for this setting.
ccm_device_deviceType	You must complete this setting when you add a phone or profile. Enter a phone model that supports the device profile you are configuring.  <b>Tip</b> Not all phone models support device profiles.	When you add or modify a device profile, configuring this setting is required.  The system ignores vpt_clear for this setting.
ccm_profile_name	Enter a unique name in the User Device Profile Name field. This name can comprise up to 50 characters in length.	When you add or modify a device profile, configuring this setting is required.  Entering vpt_clear does not delete the configuration for this setting.
ccm_device_deviceDescription	Enter a description of the user device profile in the Description field. For text, enter anything that describes this particular user device profile.	When you add or modify a device profile, configuring this setting is optional.  Entering vpt_clear deletes the configuration for this setting.
ccm_device_phoneButtonTemplate	Enter the appropriate phone button template, which is required for line configuration in the Cisco Voice Provisioning Tool. 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.	When you add a device profile, configuring this setting is required; when you modify a device profile, configuring this setting is optional.  Entering vpt_clear does not delete the configuration for this setting.

Table 13-6 Device Profile Configuration Settings (continued)

Setting	Description	Important Notes
ccm_device_subscribedServiceName	<p>Enter a list of Cisco IP Phone subscription names, the display names, that are used for the device. Separate each name by a semicolon.</p> <p>For example,</p> <p style="padding-left: 40px;">&lt;subscriptionname1&gt;;&lt;subscriptionname2&gt;;&lt;subscriptionname3&gt;</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting. If you enter vpt_clear, the device unsubscribes to all services in the list.</p> <p>Any configuration that is specified in Cisco CallManager Administration or the Cisco Voice Provisioning Tool is overwritten by the list that you specify in the CSV file.</p>
ccm_device_subscribedServiceUrl	<p>Enter a list of Cisco IP Phone service URLs which correspond to each Cisco IP Phone service. A one-to-one ratio must exist; that is, for each subscribed service entered, a subscribed service URL must be entered. Separate each name by a semicolon.</p> <p>For example,</p> <p style="padding-left: 40px;">&lt;URL1&gt;;&lt;URL2&gt;;&lt;URL3&gt;</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_device_ipPhoneServiceName	<p>Enter a list of Cisco IP Phone service names, the actual names not the display names, to which the device is subscribed. Separate each by named by a semicolon.</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p> <p>Any configuration that is specified in Cisco CallManager Administration or the Cisco Voice Provisioning Tool is overwritten by the list that you specify in the CSV file.</p>
ccm_device_userHoldAudioSource	<p>Enter an audio source that specifies the audio that is played when a user puts a call on hold. If you do not enter an audio source, Cisco CallManager uses the audio source that is defined in the device pool or the system default if the device pool does not specify an audio source ID.</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-6 Device Profile Configuration Settings (continued)

Setting	Description	Important Notes
ccm_device_userLocale	<p>Enter the locale that is associated with the phone user interface. The user locale identifies a set of detailed information to support users, including language and font.</p> <p>If no user locale is specified, Cisco CallManager uses the user locale that is associated with the device pool.</p> <p>If the users require information to be displayed on the phone in any language other than English, verify that the locale installer is installed before configuring user locale. See the Cisco IP telephony locale installer documentation.</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_device_ignorePresentation Indicators	<p>From the drop-down list box, enter <b>Enabled</b> to configure call display restrictions on a call-by-call basis. When you enable this setting, Cisco CallManager ignores any presentation restriction that is received for internal calls.</p> <p>Use this configuration in combination with the callingline ID presentation and connected line ID presentation configuration at the translation pattern level. Together, these settings allow you to configure call display restrictions to selectively present or block calling and/or connected line display information for each call. For information on how to configure translation patterns, see the <i>Cisco CallManager Administration Guide</i>.</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_device_softkeyTemplate	<p>Enter the appropriate softkey template. The softkey template determines the configuration of the softkeys on Cisco IP Phones. Leave this field blank if the device pool contains the assigned softkey template.</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_device_module1	<p>Enter the name of the appropriate expansion module. If you want to do so, enter None, which indicates that the phone does not use an expansion module.</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-6 Device Profile Configuration Settings (continued)

Setting	Description	Important Notes
ccm_device_module2	Enter the name of the appropriate expansion module. If you want to do so, enter None, which indicates that the phone does not use an expansion module.	When you add or modify a device profile, configuring this setting is optional. Entering vpt_clear deletes the configuration for this setting.
ccm_device_mlppDomain	Enter a hexadecimal value between 0 and FFFFFFF for the MLPP domain that is associated with this device. If you leave this field blank, this device inherits its MLPP domain from the value set from the device pool that is configured for the phone. If the device pool does not have an MLPP domain setting, this device inherits its MLPP domain from the value set for the MLPP Domain Identifier enterprise parameter.	When you add or modify a device profile, configuring this setting is optional. Entering vpt_clear deletes the configuration for this setting.
ccm_device_mlppIndication	<p>This setting specifies whether a device that supports precedence tones will play the tones when it places an MLPP precedence call.</p> <p>Enter one of the following options to assign to this device:</p> <ul style="list-style-type: none"> <li>• Default—This device inherits its MLPP indication setting from its device pool.</li> <li>• Off—This device does not handle nor process indication of an MLPP precedence call.</li> <li>• On—This device does handle and process 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 Off or Default (when default is Off) while MLPP Preemption is set to Forceful.</p> <p><b>Note</b> Turning on MLPP Indication (at the enterprise parameter, device pool, or device level) disables normal Ring Setting behavior for the lines on a device, unless MLPP Indication is turned off (overridden) for the device.</p>	When you add or modify a device profile, configuring this setting is optional. Entering vpt_clear does not delete the configuration for this setting.

Table 13-6 Device Profile Configuration Settings (continued)

Setting	Description	Important Notes
ccm_device_mlppPreemption	<p>This setting specifies whether a device that supports preempting calls in progress will use the capability when it places an MLPP precedence call.</p> <p>Enter one of 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 allow preemption of lower precedence calls to take place when necessary for completion of higher precedence calls.</li> <li>• Forceful—This device allows preemption of lower precedence calls to take place when necessary for completion of higher precedence calls.</li> </ul> <p>Do not configure a device with the following combination of settings: MLPP Indication is set to Off or Default (when default is Off) while MLPP Preemption is set to Forceful.</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_profile_loginUserID	<p>Enter a valid login user ID.</p> <p><b>Tip</b> If the user device profile is used as a logout profile, specify the login user ID that will be associated with the phone. After the user logs out from this user device profile, the phone will automatically log in to this login user ID.</p>	<p>When you add or modify a device profile, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

## Line Settings for Device Profile Bulk Provisioning

Table 13-7 describes line configuration settings that you enter use when you create or modify the CSV file for bulk provisioning. The settings in Table 13-7 show you the headers to enter for Line 1. If you want to configure other lines in the CSV file, enter the line number where you see the number 1 in the table; for example, if you configure the voice mail profile for Line 2 in the CSV file, enter the following setting: ccm\_line2\_voicemailprofile.

- [Overview of the Comma Separated Value \(CSV\) File, page 8-5](#)
- [Overview of Bulk Import Operations, page 8-2](#)
- [Importing Phones or Device Profiles in Bulk, page 10-1](#)
- [Modifying Bulk Import Operations for Phones or Device Profiles, page 10-2](#)

- [Exporting Phones or Device Profiles in Bulk](#), page 10-3
- [Modifying Bulk Export Operations for Phones or Device Profiles](#), page 10-4

**Table 13-7** Line Settings in the CSV File

Column	Description	Important Notes
ccm_line1_voicemailprofile	Enter a Voice Mail profile that is defined in the Voice Mail Profile Configuration page in Cisco CallManager Administration. The default setting specifies <None>.	When you add or modify a line, configuring this setting is optional.  Entering vpt_clear deletes the configuration for this setting.
ccm_line1_lineCallingSearchSpace	Enter the appropriate calling search space, which comprises a collection of partitions that are searched for numbers that are called from this directory number. The value that you choose applies to all devices that are using this directory number.  Changes result in an update of the numbers that are listed in the Call Pickup Group field.	When you add or modify a line, configuring this setting is optional.  Entering vpt_clear deletes the configuration for this setting.
ccm_line1_forwardAllVoiceMail	This setting specifies the forwarding treatment for calls to this directory number if the directory number is set to forward all calls.  Enter <b>true</b> to use settings in the Voice Mail Profile Configuration window. If you do not want to use this functionality, enter false.  When you enter true, Cisco CallManager ignores the settings for Coverage/Destination and Calling Search Space.	When you add or modify a line, configuring this setting is optional.  Entering vpt_clear does not delete the configuration for this setting.
ccm_line1_forwardAllDestination	Enter the directory number to which all calls are forwarded. Use any dialable phone number, including an outside destination.	When you add or modify a line, configuring this setting is optional.  Entering vpt_clear deletes the configuration for this setting.
ccm_line1_forwardAllCallingSearch Space	Enter the calling search space that applies to all devices that are using this directory number.	When you add or modify a line, configuring this setting is optional.  Entering vpt_clear deletes the configuration for this setting.

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_forwardBusyInternalVoice Mail	<p>Enter <b>true</b> to use settings in the Voice Mail Profile Configuration window for internal calls. If you do not want to use this functionality, enter false.</p> <p>When you enter true for this setting, Cisco CallManager ignores the settings for Coverage/Destination and Calling Search Space.</p> <p>When you enter true for this setting, the system automatically checks the Voice Mail check box for external calls on the line configuration page. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_forwardBusyInternal Destination	<p>Enter any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls on the line configuration page. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_forwardBusyInternal CallingSearchSpace	<p>Enter the calling search space that applies to all devices that are using this directory number.</p> <p>When you enter a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls on the line configuration page. If you want external calls to forward to a different calling search space, you must choose a different setting in the Calling Search Space drop-down list box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_forwardBusyExternalVoice Mail	<p>Enter <b>true</b> to use settings in the Voice Mail Profile Configuration window for external calls.</p> <p>When you enter true for this setting, Cisco CallManager ignores the settings for Coverage/Destination and Calling Search Space.</p> <p>When the Voice Mail check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls on the line configuration page. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls on the line configuration page.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_forwardBusyExternalDestination	<p>Enter any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls on the line configuration page. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_forwardBusyExternalCallingSearchSpace	<p>Enter a calling search space that applies to all devices that are using this directory number.</p> <p>When you enter a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls on the line configuration page. If you want external calls to forward to a different calling search space, you must choose a different setting in the Calling Search Space drop-down list box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_forwardNoAnswerInternalVoiceMail	<p>Enter <b>true</b> to use settings in the Voice Mail Profile Configuration window.</p> <p>When you enter true for this setting, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space.</p> <p>When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls on the line configuration page. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_forwardNoAnswerInternalDestination	<p>Enter a directory number to which an internal call is forwarded when the call is not answered. Use any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls on the line configuration page. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_forwardNoAnswerInternalCallingSearchSpace	<p>Enter a calling search space that applies to all devices that are using this directory number.</p> <p>When you enter a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls on the line configuration page. If you want external calls to forward to a different calling search space, you must choose a different setting in the Calling Search Space drop-down list box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_forwardNoAnswerExternalVoiceMail	<p>Enter <b>true</b> to use settings in the Voice Mail Profile Configuration window.</p> <p>When you enter true for this setting, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space.</p> <p>When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls on the line configuration page. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_forwardBusyExternalDestination	<p>Enter a directory number to which an external call is forwarded when the call is not answered. Use any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls on the line configuration page. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_forwardBusyExternalCallingSearchSpace	<p>Enter a calling search space that applies to all devices that are using this directory number.</p> <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls on the line configuration page. If you want external calls to forward to a different calling search space, you must choose a different setting in the Calling Search Space drop-down list box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_forwardNoAnswerInternalVoiceMail	<p>Enter true to use settings in the Voice Mail Profile Configuration window.</p> <p>When you enter true for this setting, Cisco CallManager ignores the settings for Coverage/Destination and Calling Search Space.</p> <p>When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls on the line configuration page. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_forwardNoAnswerInternalDestination	<p>Enter a directory number to which an internal nonconnected call is forwarded when an application that controls that directory number fails. Use any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls on the line configuration page. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_forwardNoAnswerInternalCallingSearchSpace	<p>Enter a calling search space that applies to all devices that are using this directory number.</p> <p>When you enter a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls on the line configuration page. If you want external calls to forward to a different calling search space, enter a different setting in the Calling Search Space for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_forwardNoAnswerExternalVoiceMail	<p>This field applies only to CTI route points and CTI ports. The following settings specify the forwarding treatment for external calls to this CTI route point or CTI port if the CTI route point or CTI port has no coverage.</p> <p>Enter true to use settings in the Voice Mail Profile Configuration window.</p> <p>When you enter true for this setting, Cisco CallManager ignores the settings for Coverage/Destination and Calling Search Space. When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls on the line configuration page. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_forwardNoAnswerExternalDestination	<p>Enter the directory number to which an external call is forwarded when the call is not answered. Use any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls on the line configuration page. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_forwardNoAnswerExternalCallingSearchSpace	<p>Enter the Calling Search Space that applies to all devices that are using this directory number.</p> <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls on the line configuration page. If you want external calls to forward to a different calling search space, choose a different setting in the Calling Search Space for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_forwardNoCoverage InternalVoiceMail	<p>This field applies only to CTI route points and CTI ports. The following settings specify the forwarding treatment for internal calls to this CTI route point or CTI port if the CTI route point or CTI port has no coverage.</p> <p>Enter true to use settings in the Voice Mail Profile Configuration window.</p> <p>When you enter true for this setting, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space. When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls on the line configuration page. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_forwardNoCoverage InternalDestination	<p>Enter the directory number to which an internal nonconnected call is forwarded when an application that controls that directory number fails. Use any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_forwardNoCoverage InternalCallingSearchSpace	<p>Enter a Calling Search Space that applies to all devices that are using this directory number.</p> <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls on the line configuration page. If you want external calls to forward to a different calling search space, choose a different setting in the Calling Search Space for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_forwardNoCoverage ExternalVoiceMail	<p>This field applies only to CTI route points and CTI ports. The following settings specify the forwarding treatment for external calls to this CTI route point or CTI port if the CTI route point or CTI port has no coverage.</p> <p>Enter true to use settings in the Voice Mail Profile Configuration window.</p> <p>When true for this setting, Cisco CallManager ignores the settings in the Coverage/Destination box and Calling Search Space. When this check box is checked for internal calls, the system automatically checks the Voice Mail check box for external calls. If you do not want external calls to forward to the voice-messaging system, you must uncheck the Voice Mail check box for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_forwardNoCoverage ExternalDestination	<p>Enter the directory number to which an internal nonconnected call is forwarded when an application that controls that directory number fails. Use any dialable phone number, including an outside destination.</p> <p>When you enter a coverage/destination value for internal calls, the system automatically copies this value to the Coverage/Destination field for external calls on the line configuration page. If you want external calls to forward to a different destination, you must enter a different value in the Coverage/Destination field for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_forwardNoCoverage ExternalCallingSearchSpace	<p>Enter the Calling Search Space that applies to all devices that are using this directory number.</p> <p>When you choose a Calling Search Space for internal calls, the system automatically copies this setting to the Calling Search Space setting for external calls. If you want external calls to forward to a different calling search space, choose a different setting in the Calling Search Space for external calls.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_lineUserHoldAudioSource	Enter the audio source that plays when a user initiates a hold action.	When you add or modify a line, configuring this setting is optional. Entering vpt_clear deletes the configuration for this setting.
ccm_line1_lineNetworkHoldAudio Source	Enter the audio source that plays when the network initiates a hold action.	When you add or modify a line, configuring this setting is optional. Entering vpt_clear deletes the configuration for this setting.
ccm_line1_lineAARGroup	Enter 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. An AAR group setting of None specifies that Cisco CallManager will not attempt rerouting of blocked calls.	When you add or modify a line, configuring this setting is optional. Entering vpt_clear deletes the configuration for this setting.
ccm_line1_autoAnswer	<p>Enter one of the following options to activate the Auto Answer feature for this directory number:</p> <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 that the headset or speakerphone is not disabled when you enter Auto Answer with headset or Auto Answer with speakerphone.</p> <p><b>Note</b> Do not configure Auto Answer for devices that have shared lines.</p>	<p>When you add a line, configuring this setting is required; when you modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)


Column	Description	Important Notes
ccm_line1_noAnswerRingDuration	<p>Used in conjunction with Call Forward No Answer Destination, this field sets the timer for how long the phone will ring before it is forwarded. Leave this setting blank to use the value that is set in the Cisco CallManager service parameter, Forward No Answer Timer.</p> <p> <b>Caution</b> By default, Cisco CallManager makes the time for the T301 timer longer than the No Answer Ring Duration time; if the set time for the T301 timer expires before the set time for the No Answer Ring Duration expires, the call ends, and no call forwarding can occur. If you want to do so, you can configure the time for the No Answer Ring Duration to be greater than the time for the T301 timer. For more information on the T301 timer for the Cisco CallManager service, click the <i>i</i> button that displays on the Service Parameter page in Cisco CallManager Administration.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_callPickupGroup	Enter the number that can be dialed to answer calls to this directory number (in the specified partition).	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_mlppTarget	<p>Enter the number to which MLPP precedence calls should be directed if this directory number receives a precedence call and neither this number nor its call-forward destination answers the precedence call.</p> <p>Values can include numeric characters and octothorpe (#) and asterisk (*).</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_mlppCallingSearchSpace	Enter the calling search space to associate with the alternate party target (destination) number.	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_mlppNoAnswerRing Duration	<p>Enter the number of seconds (between 4 and 60) after which an MLPP precedence call will be directed to this directory number's alternate party if this directory number and its call-forwarding destination have not answered the precedence call.</p> <p>Leave this setting blank to use the value that is set in the Cisco CallManager enterprise parameter, Precedence Alternate Party Timeout.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_alertingName	<p>Enter a name that you want to display on the phone of the caller. This setting, which supports the Identification Services for the QSIG protocol, applies to shared and nonshared directory numbers. If you configure an alerting name for a directory number with shared-line appearances, when the phone rings at the terminating PINX, the system performs the following tasks:</p> <ul style="list-style-type: none"> <li>• Forwards the name of the caller that is assigned to the directory number.</li> <li>• Applies the Connected Name Restrictions (CONR) that are configured for the translation pattern (if restrictions exist); the originating PINX may modify the CONR, depending on the route pattern configuration.</li> </ul> <p>If you do not configure an alerting name, "Name Not Available" may display on the caller phone. If you do not enter a name for the Display (Internal Caller ID) field, the information in the Alerting Name field displays in the Display (Internal Caller ID) field.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_displayInternalCallerID	<p>Leave this field blank to have the system display the extension.</p> <p>To have the system display a name, enter a maximum of 30 alphanumeric characters. Typically, use the user name or the directory number (if using the directory number, the person receiving the call may not see the proper identity of the caller).</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_lineTextLabel	<p>Use this field only if you do not want the directory number to show 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>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_externalPhoneNumberMask	<p>Enter the phone number (or mask) that is used to send Caller ID information when a call is placed from this line.</p> <p>You can enter a maximum of 24 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>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_messageWaitingLampPolicy	<p>Use this field to configure the handset lamp illumination policy. Enter 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.)</li> <li>• Light and Prompt</li> <li>• Prompt Only</li> <li>• Light Only</li> <li>• None</li> </ul>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_ringSettingPhoneIdle	<p>Use this field to configure the ring setting for the line appearance when an incoming call is received and no other active calls exist on that device. Enter one of the following options:</p> <ul style="list-style-type: none"> <li>• Use system default</li> <li>• Disable</li> <li>• Flash only</li> <li>• Ring once</li> <li>• Ring</li> </ul> <p>Turning on MLPP Indication (at the enterprise parameter, device pool, or device level) disables normal Ring Setting behavior for the lines on a device, unless MLPP Indication is turned off (overridden) for the device.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_ringSettingPhoneActive	<p>Enter one of the following options to configure a ring setting that is used when this phone has another active call on a different line.</p> <ul style="list-style-type: none"> <li>• Use system default</li> <li>• Disable</li> <li>• Flash only</li> <li>• Ring once</li> <li>• Ring</li> <li>• Beep only</li> </ul> <p>Turning on MLPP Indication (at the enterprise parameter, device pool, or device level) disables normal Ring Setting behavior for the lines on a device, unless MLPP Indication is turned off (overridden) for the device.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>

Table 13-7 Line Settings in the CSV File (continued)

Column	Description	Important Notes
ccm_line1_maximumNumberOfCalls	<p>You can configure up to 200 calls for a line on a device, with the limiting factor being the total number of calls that are configured on the device. As you configure the number of calls for one line, the calls that are available for another line decrease.</p> <p>The default specifies 4. If the phone does not allow multiple calls for each line, the default specifies 2.</p> <p>For CTI route points, you can configure up to 10,000 calls for each port. The default specifies 5000 calls. Use this field in conjunction with the ccm_line1_busyTrigger setting.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_busyTrigger	<p>This setting, which works in conjunction with the Maximum Number of Calls and Call Forward Busy settings, determines the maximum number of calls to be presented on the line. If maximum number of calls is set for 50 and the busy trigger is set to 40, then incoming call 41 is rejected with a busy cause (and will be forwarded if Call Forward Busy is set). If this line is shared, all the lines must be busy before incoming calls are rejected.</p> <p>The default specifies 2.</p>	<p>When you add or modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear deletes the configuration for this setting.</p>
ccm_line1_callerName	<p>Entering true for this setting causes the caller name to display upon call forward.</p>	<p>When you add a line, configuring this setting is required; when you modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_redirectedNumber	<p>Entering true for this setting causes the number that was redirected to display upon call forward.</p>	<p>When you add a line, configuring this setting is required; when you modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>
ccm_line1_callerNumber	<p>Entering true for this setting causes the caller number to display upon call forward.</p>	<p>When you add a line, configuring this setting is required; when you modify a line, configuring this setting is optional.</p> <p>Entering vpt_clear does not delete the configuration for this setting.</p>

**Table 13-7** Line Settings in the CSV File (continued)

<b>Column</b>	<b>Description</b>	<b>Important Notes</b>
ccm_line1_dialedNumber	Entering true for this setting causes the original dialed number to display upon call forward.	When you add a line, configuring this setting is required; when you modify a line, configuring this setting is optional.  Entering vpt_clear does not delete the configuration for this setting.

