Device Pool Setup

This chapter provides information to add, update, or delete a device pool.

See topics related to system-level configuration settings in the *Cisco Unified Communications Manager System Guide* for more information about device pools and the device settings that are assigned through device pools, as well as topics related to common device configuration.

About Device Pool Setup

In Cisco Unified Communications Manager Administration, use the **System** > **Device Pool** menu path to configure device pools.

Device pools define sets of common characteristics for devices. The device pool structure supports the separation of user and location information. The device pool contains system, device, and location-related information. The Common Device Configuration window under **Device** > **Device Settings** > **Common Device Configuration** records all the user-oriented information such as type of softkey template that is used and locale information. Ensure that each device is associated with a device pool and with a common device configuration for user-oriented information.

Device Pool Setup Tips

After adding a new device pool to the database, you can use it to configure devices such as Cisco Unified IP Phones, gateways, conference bridges, transcoders, media termination points, voice-mail ports, CTI route points, and so on.

Before you configure a device pool, you must configure the following items if you want to choose them for the device pool:

- Cisco Unified Communications Manager group (required).

- Date/time group (required).

- Region (required).

- SRST reference (optional).

- Media resource group list (optional).

- Calling search space for auto-registration (optional).

- Reverted call focus priority (optional).

- Device mobility group (optional).

- Wireless LAN Profile Group (optional).

> **Note** You can specify the Wireless LAN Profile Group at the Device Pool level or the individual phone level.

- Wi-Fi Hotspot Profile (optional).

> **Note** You can specify the Wi-Fi Hotspot Profile at the Device Pool level or the individual phone level.

- Device mobility calling search space.

- Physical location (optional). See topics related to configuring a device mobility group in the *Cisco Unified Communications Manager Features and Services Guide*.

- Location.

- AAR group.

- AAR calling search space.

Device Pool Deletion

You cannot delete a device pool if any devices are assigned to it, if it is used for Device Defaults configuration, or if it is the only device pool in the database. If you try to delete a device pool that is in use, a message displays. Before deleting a device pool that is currently in use, you must perform either or both of the following tasks:

- Update the devices to assign them to a different device pool.

- Delete the devices that are assigned to the device pool that you want to delete.

Device Pool Settings

The following table lists and describes device pool settings.

Table 1: Device Pool Settings

Field Name	Description
Device Pool Settings	
Device Pool Name	Enter the name of the new device pool that you are creating. You can enter up to 50 characters, which include alphanumeric characters, periods (.), hyphens (-), underscores (_), and blank spaces.
Cisco Unified Communications Manager Group	Choose the Cisco Unified Communications Manager group to assign to devices in this device pool. A Cisco Unified Communications Manager group specifies a prioritized list of up to three Cisco Unified Communications Managers. The first Cisco Unified Communications Manager in the list serves as the primary Cisco Unified Communications Manager for that group, and the other members of the group serve as backup Cisco Unified Communications Managers for redundancy.
Calling Search Space for Auto-registration	Choose the calling search space to assign to devices in this device pool that auto-register with Cisco Unified Communications Manager. The calling search space specifies partitions that devices can search when attempting to complete a call.
Adjunct CSS	From the drop-down list box, choose an existing Calling Search Space (CSS) to use for the devices in this device profile as an adjunct CSS for the Extension Mobility Cross Cluster (EMCC) feature. (To configure a new CSS or modify an existing CSS, choose **Call Routing** > **Class of Control** > **Calling Search Space** in Cisco Unified Communications Manager Administration.) Default value specifies None. When configuring the EMCC feature, the administrator must configure a device pool for each remote cluster. If the remote cluster is located in a different country, the adjunct CSS must embrace the partition with which the emergency patterns of that country associate. This configuration facilitates country-specific emergency call routing. For more information about the adjunct CSS, see topics related to EMCC call routing in the *Cisco Unified Communications Manager Features and Services Guide*.

Field Name	Description
Reverted Call Focus Priority	Choose a clusterwide priority setting for reverted calls that are invoked by the hold reversion feature. This setting specifies which call type, incoming calls or reverted calls, have priority for user actions, such as going off hook. • Default—If you choose this option, incoming calls have priority. • Highest—If you choose this option, reverted calls have priority. The Not Selected setting specifies the reverted call focus priority setting for the default device pool at installation. At installation, incoming calls have priority. You cannot choose this setting in Cisco Unified Communications Manager Administration. **Note** This setting applies specifically to hold reverted calls; it does not apply to parked reverted calls. For more information, see topics related to hold reversion in the *Cisco Unified Communications Manager Features and Services Guide*.
Intercompany Media Services Enrolled Group	Select an Intercompany Media Services Enrolled Group from the drop-down list. For more information, see the *Cisco Intercompany Media Engine Installation and Configuration Guide*.

Field Name	Description
Local Route Group Settings The Local Route Group Settings enables you to associate the route groups that you add under **Call Routing** > **Route/Hunt** > **Route Group** with the local route groups that you configure on the Local Route Group Names window for any particular device pool. To associate a route group with the local route group for any particular device pool, choose the relevant route group from the drop-down list box. Select the default value <None> to prevent implementation of the Local Route Group feature. **Note** The Standard Local Route Group entry on the left is a default field entry which is populated from pre-10.0(1) release input. This field name may vary depending on the local route group name that you specify in the Local Route Group Names window under **Call Routing** > **Route/Hunt** > **Local Route Group Names** menu path in Cisco Unified Communications Manager Administration. You can add multiple local route group names in the Local Route Group Names window. The Local Route Group Settings window will display them as noneditable fields. **Tip** To configure the local route group names in the Local Route Group Names window, use the **Call Routing** > **Route/Hunt** > **Local Route Group Names** menu path in Cisco Unified Communications Manager Administration. You can define site-specific local route groups (like primary local route group, secondary local route group, tertiary local route group, and so on) when you configure multiple local route groups under **Call Routing** > **Route/Hunt** > **Local Route Group Names**. For example, you can add multiple local route groups such as Emergency Route Group, Primary Local Route Group (for site A), Secondary Local Route Group (for site A), Primary Local Route Group (for site B), and Secondary Local Route Group (for site B). The Local Route Group feature enables you to specify different route groups for each site (site A and site B) for the respective device pool. Also, you can define a separate call routing option for emergency calls when you associate the Emergency Route Group with a different route group. Hence you can easily define separate call routing options for emergency calls and PSTN calls. See the *Cisco Unified Communications Manager Features and Services Guide* for additional information about Local Route Group feature.	
Roaming Sensitive Settings	
Date/Time Group	Choose the date/time group to assign to devices in this device pool. The date/time group specifies the time zone and the display formats for date and time.
Region	Choose the Cisco Unified Communications Manager region to assign to devices in this device pool. The Cisco Unified Communications Manager region settings specify voice codec that can be used for calls within a region and between other regions.

Field Name	Description
Media Resource Group List	From the drop-down list box, choose a media resource group list. A media resource group list specifies a prioritized list of media resource groups. An application selects the required media resource (for example, a music on hold server, transcoder, or conference bridge) from the available media resource groups according to the priority order that is defined in a media resource group list.
Location	Use locations to implement call admission control (CAC) in a centralized call-processing system. CAC enables you to regulate audio quality and video availability by limiting the amount of bandwidth that is available for audio and video calls over links between locations. The location specifies the total bandwidth that is available for calls to and from this location.
	From the drop-down list box, choose the appropriate location for this device pool.
	A location setting of None or Hub_None means that the locations feature does not keep track of the bandwidth that the devices in this device pool consume. A location setting of Phantom specifies a location that enables successful CAC across intercluster trunks that use H.323 protocol or SIP.
	To configure a new location, use the **System** > **Location** menu option.
	For an explanation of location-based CAC across intercluster trunks, see topics related to location-based CAC in the *Cisco Unified Communications Manager System Guide*.

Field Name	Description
Network Locale	From the drop-down list box, choose the locale that is associated with phones and gateways. The network locale contains a definition of the tones and cadences that the phones and gateways in the device pool in a specific geographic area use. Make sure that you select a network locale that is supported by all of the phones and gateways that use this device pool. **Note** If the user does not choose a network locale, the locale that is specified in the Cisco Unified Communications Manager clusterwide parameters as Default Network Locale applies. **Note** Choose only a network locale that is already installed and supported by the associated devices. The list contains all available network locales for this setting, but not all are necessarily installed. If a device is associated with a network locale that it does not support in the firmware, the device will fail to come up.
SRST Reference	From the drop-down list box, choose a survivable remote site telephony (SRST) reference to assign to devices in this device pool. Choose from the following options: • Disable—If you choose this option, devices in this device pool will not have SRST reference gateways that are available to them. • Use Default Gateway—If you choose this option, devices in this device pool use the default gateway for SRST. • Existing SRST references—If you choose an SRST reference from the drop-down list, devices in this device pool will use this SRST reference gateway.

Field Name	Description
Connection Monitor Duration	This setting defines the time that the Cisco Unified IP Phone monitors its connection to Cisco Unified Communications Manager before it unregisters from SRST and reregisters to Cisco Unified Communications Manager. To use the configuration for the enterprise parameter, you can enter -1 or leave the field blank. The default value for the enterprise parameter equals 120 seconds. Change this setting if you need to disable the connection monitor or if you want to extend the connection monitor time. The maximum number of seconds that you can enter in the field equals 2592000. **Tip** When you change the value of the connection monitor duration, it applies only to the device pool that is being updated. All other device pools use the value in their own connection monitor duration fields or use the value that is configured in the enterprise parameter. For more information, see topics related to survivable remote site telephony in the *Cisco Unified Communications Manager System Guide*.
Single Button Barge	This setting determines whether the devices or phone users in this device pool have single-button access for barge and cBarge. From the drop-down list box, choose from the following options: • Off—If you choose this option, the devices in this device pool will have the Single Button Barge/cBarge feature disabled. • Barge—If you choose this option, the devices in this device pool will have the Single Button Barge feature enabled. • CBarge—If you choose this option, the devices in this device pool will have the Single Button cBarge feature enabled. • Default—If you choose this option, the devices in this device pool will use the service parameter setting for the Single Button Barge/cBarge feature.

Field Name	Description
Join Across Lines	This setting determines whether the Join Across Lines feature is enabled for the devices or phone users in this device pool. From the drop-down list box, choose from the following options: • Off—If you choose this option, the devices in this device pool will have the Join Across Lines feature disabled. • On—If you choose this option, the devices in this device pool will have the Join Across Lines feature enabled. • Default—If you choose this option, the devices in this device pool will use the service parameter setting for the Join Across Lines feature.
Physical Location	Select the physical location for this device pool. The system uses physical location with the device mobility feature to identify the parameters that relate to a specific geographical location.
Device Mobility Group	Device mobility groups represent the highest level geographic entities in your network and are used to support the device mobility feature.
Wireless LAN Profile Group	Select a wireless LAN profile group from the drop-down list box. You may also click **View Details** to display the settings for this wireless LAN profile group. **Note** You can specify the Wireless LAN Profile Group at the Device Pool level or the individual phone level.
Wi-Fi Hotspot Profile	Select a Wi-Fi Hotspot Profile from the drop-down list box. You may also click **View Details** to display details about the Wi-Fi Hotspot Profile that you select.
Device Mobility Related Information	
Device Mobility Calling Search Space	Choose the appropriate calling search space to be used as the device calling search space when the device is roaming and in same device mobility group.
AAR Calling Search Space	Choose the appropriate calling search space for the device to use when automated alternate routing (AAR) is performed. 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 Name	Description
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 no rerouting of blocked calls will be attempted.
Calling Party Transformation CSS	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 pool. **Tip** Before the call occurs, the device must apply the transformation by using digit analysis. If you configure the Calling Party Transformation CSS as None for the device pool and you check the Use Device Pool Calling Party Transformation CSS check box in the device configuration window, the transformation does not match and does not get applied. Ensure that you configure the Calling Party Transformation Pattern in a non-null partition that is not used for routing.
Called Party Transformation CSS	This setting allows you to localize the called party number on the device. Make sure that the Called Party Transformation CSS that you choose contains the called party transformation pattern that you want to assign to this device pool. **Note** If you configure the Called Party Transformation CSS as None, the transformation does not match and does not get applied. Ensure that you configure the Called Party Transformation pattern in a non-null partition that is not used for routing.
Geolocation Configuration	

Field Name	Description
Geolocation	From the drop-down list box, choose a geolocation.
	You can choose the Unspecified geolocation, which designates that the devices in this device pool do not associate with a geolocation.
	You can also choose a geolocation that has been configured with the **System** > **Geolocation Configuration** menu option.
	For an explanation of geolocations, including configuration details, see topics related to geolocations and location conveyance in the *Cisco Unified Communications Manager Features and Services Guide*.
	For an overview and details of how logical partitioning uses geolocations, see topics related to geolocations and location conveyance in the *Cisco Unified Communications Manager Features and Services Guide*.
Geolocation Filter	From the drop-down list box, choose a geolocation filter.
	If you leave the <None> setting, no geolocation filter gets applied for the devices in this device pool.
	You can also choose a geolocation filter that has been configured with the **System** > **Geolocation Filter** menu option.
	For an explanation of geolocation filters, including configuration details, see the *Cisco Unified Communications Manager Features and Services Guide*.
	For an overview and details of how logical partitioning uses geolocation filters, see the *Cisco Unified Communications Manager Features and Services Guide*.
Incoming Calling Party Settings	
Clear Prefix Settings	To delete all prefixes for all calling party number types, click Clear Prefix Settings.
Default Prefix Settings	To enter the default value for all prefix fields at the same time, click Default Prefix Settings.

Field Name	Description
National Number	Configure the following settings to globalize calling party numbers that use National for the Calling Party Number Type. • Prefix—Cisco Unified Communications Manager applies the prefix that you enter in this field to calling party numbers that use National for the Calling Party Numbering Type. You can enter up to 8 characters, which include digits, the international escape character (+), asterisk (*), or the pound sign (#). You can enter the word, Default, instead of entering a prefix. If the word, Default, displays in the Prefix field, Cisco Unified Communications Manager applies the service parameter configuration for the incoming calling party prefix, which supports both the prefix and strip digit functionality. • Strip Digits—Enter the number of digits, up to the number 24, that you want Cisco Unified Communications Manager to strip from the calling party number of National type before it applies the prefixes. • Calling Search Space—This setting allows you to globalize the calling party number of National calling party number type on the device. Make sure that the calling search space that you choose contains the calling party transformation pattern that you want to assign to this device. Before the call occurs, the device must apply the transformation by using digit analysis. If you configure the CSS as None, the transformation does not match and does not get applied. Ensure that you configure the calling party transformation pattern in a non-null partition that is not used for routing. **Tip** For more information on configuring these settings, see topics related to configuring incoming calling party settings for a device pool, gateway, or trunk in the *Cisco Unified Communications Manager Features and Services Guide*.

Field Name	Description
International Number	Configure the following settings to globalize calling party numbers that use International for the Calling Party Number Type. • Prefix—Cisco Unified Communications Manager applies the prefix that you enter in this field to calling party numbers that use International for the Calling Party Numbering Type. You can enter up to 8 characters, which include digits, the international escape character (+), asterisk (*), or the pound sign (#). You can enter the word, Default, instead of entering a prefix. If the word, Default, displays in the Prefix field in the Device Pool Configuration window, Cisco Unified Communications Manager applies the service parameter configuration for the incoming calling party prefix, which supports both the prefix and strip digit functionality. • Strip Digits—Enter the number of digits, up to the number 24, that you want Cisco Unified Communications Manager to strip from the calling party number of International type before it applies the prefixes. • Calling Search Space—This setting allows you to globalize the calling party number of International calling party number type 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. Before the call occurs, the device must apply the transformation by using digit analysis. If you configure the CSS as None, the transformation does not match and does not get applied. Ensure that you configure the calling party transformation pattern in a non-null partition that is not used for routing. **Tip** For more information on configuring these settings, see topics related to configuring incoming calling party settings for a device pool, gateway, or trunk in the *Cisco Unified Communications Manager Features and Services Guide*.

Field Name	Description
Unknown Number	Configure the following settings to globalize calling party numbers that use Unknown for the Calling Party Number Type.
	• Prefix—Cisco Unified Communications Manager applies the prefix that you enter in this field to calling party numbers that use Unknown for the Calling Party Numbering Type. You can enter up to 8 characters, which include digits, the international escape character (+), asterisk (*), or the pound sign (#).
	If the word, Default, displays in the Prefix field in the Device Pool Configuration window, Cisco Unified Communications Manager applies the service parameter configuration for the incoming calling party prefix, which supports both the prefix and strip digit functionality.
	• Strip Digits—Enter the number of digits, up to the number 24, that you want Cisco Unified Communications Manager to strip from the calling party number of Unknown type before it applies the prefixes.
	• Calling Search Space—This setting allows you to globalize the calling party number of Unknown calling party number type 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.
	Before the call occurs, the device must apply the transformation by using digit analysis. If you configure the CSS as None, the transformation does not match and does not get applied. Ensure that you configure the calling party transformation pattern in a non-null partition that is not used for routing.
	Tip For more information on configuring these settings, see topics related to configuring incoming calling party settings for a device pool, gateway, or trunk in the *Cisco Unified Communications Manager Features and Services Guide*.

Field Name	Description
Subscriber Number	Configure the following settings to globalize calling party numbers that use Subscriber for the Calling Party Number Type. • Prefix—Cisco Unified Communications Manager applies the prefix that you enter in this field to calling party numbers that use Subscriber for the Calling Party Numbering Type. You can enter up to 8 characters, which include digits, the international escape character (+), asterisk (*), or the pound sign (#). If the word, Default, displays in the Prefix field in the Device Pool Configuration window, Cisco Unified Communications Manager applies the service parameter configuration for the incoming calling party prefix, which supports both the prefix and strip digit functionality. • Strip Digits—Enter the number of digits, up to the number 24, that you want Cisco Unified Communications Manager to strip from the calling party number of Subscriber type before it applies the prefixes. • Calling Search Space—This setting allows you to globalize the calling party number of Subscriber calling party number type on the device. Make sure that the CSS that you choose contains the calling party transformation pattern that you want to assign to this device. Before the call occurs, the device must apply the transformation by using digit analysis. If you configure the CSS as None, the transformation does not match and does not get applied. Ensure that you configure the calling party transformation pattern in a non-null partition that is not used for routing. **Tip** For more information on configuring these settings, see topics related to configuring incoming calling party settings for a device pool, gateway, or trunk in the *Cisco Unified Communications Manager Features and Services Guide*.

Field Name	Description
Incoming Called Party Settings The Incoming Called Party Settings support H.323 trunks and gateways. The H.323 protocol does not support the international escape character +. To ensure the correct prefixes, including the +, get applied to inbound calls over H.323 gateways/trunks, configure the incoming called party settings; that is, configuring the incoming called party settings ensures that when an inbound call comes from a H.323 gateway or H.323 trunk, Cisco Unified Communications Manager transforms the called party number back to the value that was originally sent over the trunk/gateway.	
Clear Prefix Settings	To delete all prefixes for all called party number types, click Clear Prefix Settings.
Default Prefix Settings	To enter the default value for all prefix fields at the same time, click Default Prefix Settings.

Field Name	Description

National Number	Configure the following settings to transform incoming called party numbers that use National for the Called Party Number Type.
	
	• Prefix—Cisco Unified Communications Manager applies the prefix that you enter in this field to called party numbers that use National for the Called Party Numbering Type. You can enter up to 16 characters, which include digits, the international escape character (+), asterisk (*), or the pound sign (#). You can enter the word, Default, instead of entering a prefix.
	
	   Tip If the word, Default, displays in the Prefix field in the Gateway or Trunk Configuration window, you cannot configure the Strip Digits field in the Gateway or Trunk Configuration window. In this case, Cisco Unified Communications Manager takes the configuration for the Prefix and Strip Digits fields from the device pool that is applied to the device. If the word, Default, displays in the Prefix field in the Device Pool Configuration window, Cisco Unified Communications Manager applies the service parameter configuration for the incoming called party prefix, which supports both the prefix and strip digit functionality.
	
	   Tip To configure the Strip Digits field, you must leave the Prefix field blank or enter a valid configuration in the Prefix field. To configure the Strip Digits fields, do not enter the word, Default, in the Prefix field.
	
	• Strip Digits—Enter the number of digits that you want Cisco Unified Communications Manager to strip from the called party number of National type before it applies the prefixes.
	• Calling Search Space—This setting allows you to transform the called party number of National called party number type on the device. If you choose None, no transformation occurs for the incoming called party number. Make sure that the calling search space that you choose contains the called party transformation pattern that you want to assign to this device.

Field Name	Description
International Number	Configure the following settings to transform incoming called party numbers that use International for the Called Party Number Type.
	• Prefix—Cisco Unified Communications Manager applies the prefix that you enter in this field to called party numbers that use International for the Called Party Numbering Type. You can enter up to 16 characters, which include digits, the international escape character (+), asterisk (*), or the pound sign (#). You can enter the word, Default, instead of entering a prefix.
	Tip If the word, Default, displays in the Prefix field in the Gateway or Trunk Configuration window, you cannot configure the Strip Digits field in the Gateway or Trunk Configuration window. In this case, Cisco Unified Communications Manager takes the configuration for the Prefix and Strip Digits fields from the device pool that is applied to the device. If the word, Default, displays in the Prefix field in the Device Pool Configuration window, Cisco Unified Communications Manager applies the service parameter configuration for the incoming called party prefix, which supports both the prefix and strip digit functionality.
	Tip To configure the Strip Digits field, you must leave the Prefix field blank or enter a valid configuration in the Prefix field. To configure the Strip Digits fields, do not enter the word, Default, in the Prefix field.
	• Strip Digits—Enter the number of digits that you want Cisco Unified Communications Manager to strip from the called party number of International type before it applies the prefixes.
	• Calling Search Space—This setting allows you to transform the called party number of International called party number type on the device. If you choose None, no transformation occurs for the incoming called party number. Make sure that the calling search space that you choose contains the called party transformation pattern that you want to assign to this device.

Field Name	Description
Unknown Number	Configure the following settings to transform incoming called party numbers that use Unknown for the Called Party Number Type.
	• Prefix—Cisco Unified Communications Manager applies the prefix that you enter in this field to called numbers that use Unknown for the Called Party Numbering Type. You can enter up to 16 characters, which include digits, the international escape character (+), asterisk (*), or the pound sign (#). You can enter the word, Default, instead of entering a prefix.
	Tip If the word, Default, displays in the Prefix field in the Gateway or Trunk Configuration window, you cannot configure the Strip Digits field in the Gateway or Trunk Configuration window. In this case, Cisco Unified Communications Manager takes the configuration for the Prefix and Strip Digits fields from the device pool that is applied to the device. If the word, Default, displays in the Prefix field in the Device Pool Configuration window, Cisco Unified Communications Manager applies the service parameter configuration for the incoming called party prefix, which supports both the prefix and strip digit functionality.
	Tip To configure the Strip Digits field, you must leave the Prefix field blank or enter a valid configuration in the Prefix field. To configure the Strip Digits fields, do not enter the word, Default, in the Prefix field.
	• Strip Digits—Enter the number of digits that you want Cisco Unified Communications Manager to strip from the called party number of Unknown type before it applies the prefixes.
	• Calling Search Space—This setting allows you to transform the called party number of Unknown called party number type on the device. If you choose None, no transformation occurs for the incoming called party number. Make sure that the calling search space that you choose contains the called party transformation pattern that you want to assign to this device.

Field Name	Description
Subscriber Number	Configure the following settings to transform incoming called party numbers that use Subscriber for the Called Party Number Type.
	• Prefix—Cisco Unified Communications Manager applies the prefix that you enter in this field to called numbers that use Subscriber for the Called Party Numbering Type. You can enter up to 16 characters, which include digits, the international escape character (+), asterisk (*), or the pound sign (#). You can enter the word, Default, instead of entering a prefix.
	Tip If the word, Default, displays in the Prefix field in the Gateway or Trunk Configuration window, you cannot configure the Strip Digits field in the Gateway or Trunk Configuration window. In this case, Cisco Unified Communications Manager takes the configuration for the Prefix and Strip Digits fields from the device pool that is applied to the device. If the word, Default, displays in the Prefix field in the Device Pool Configuration window, Cisco Unified Communications Manager applies the service parameter configuration for the incoming called party prefix, which supports both the prefix and strip digit functionality.
	Tip To configure the Strip Digits field, you must leave the Prefix field blank or enter a valid configuration in the Prefix field. To configure the Strip Digits fields, do not enter the word, Default, in the Prefix field.
	• Strip Digits—Enter the number of digits that you want Cisco Unified Communications Manager to strip from the called party number of Subscriber type before it applies the prefixes.
	• Calling Search Space—This setting allows you to transform the called party number of Subscriber called party number type on the device. If you choose None, no transformation occurs for the incoming called party number. Make sure that the calling search space that you choose contains the called party transformation pattern that you want to assign to this device.

Field Name	Description
Phone Settings	
Calling Party Transformation CSS	From the drop-down list box, choose the Calling Search Space that contains the Calling Party Transformation Pattern that you want to apply to devices in this device pool.
	When Cisco Unified CM receives a call from a device in this device pool on an inbound line, Cisco Unified CM immediately applies the calling party transformation patterns in this CSS to the digits in the calling party number before it routes the call. This setting allows you to apply digit transformations to the calling party number before Cisco Unified CM routes the call. For example, a transformation pattern can change a phone extension to appear as an E.164 number.
Connected Party Settings	
Connected Party Transformation CSS	This setting is applicable for inbound calls only. This setting allows you to transform the connected party number on the device to display the connected number in another format, such as a DID or E164 number. Cisco Unified Communications Manager includes the transformed number in the headers of various SIP messages, including 200 OK and mid-call update/reinvite messages for SIP calls and in the Connected Number Information Element of CONNECT and NOTIFY messages for H.323 and MGCP calls. Make sure that the Connected Party Transformation CSS that you choose contains the called party transformation pattern that you want to assign to this device pool.
	Note If you configure the Connected Party Transformation CSS as None, the transformation does not match and does not get applied. Ensure that you configure the Calling Party Transformation pattern used for Connected Party Transformation in a non-null partition that is not used for routing.
Redirecting Party Settings	

Field Name	Description
Redirecting Party Transformation CSS	This setting allows you to transform the redirecting party number on the device to E164 format. Cisco Unified Communications Manager includes the transformed number in the diversion header of invite messages for SIP trunks and in the Redirecting Number Information Element of setup message (for H.323 and MGCP) sent out of Cisco Unified Communications Manager. Make sure that the Redirecting Party Transformation CSS that you choose contains the called party transformation pattern that you want to assign to this device pool. **Note** If you configure the Redirecting Party Transformation CSS as None, the transformation does not match and does not get applied. Ensure that you configure the Redirecting Party Transformation CSS in a non-null partition that is not used for routing.

Synchronize Device Pool Settings with Devices

To synchronize devices to a device pool that has undergone configuration changes, perform the following procedure, which applies any outstanding configuration settings in the least-intrusive manner possible. (For example, a reset/restart may not be required on some affected devices.)

Procedure

Step 1 Choose **System** > **Device Pool**.

The Find and List Device Pools window displays.

Step 2 Choose the search criteria to use.

Step 3 Click Find.

The window displays a list of Device Pools that match the search criteria.

Step 4 Click the Device Pool to which you want to synchronize applicable devices. The Device Pool Configuration window displays.

Step 5 Make any additional configuration changes.

Step 6 Click Save.

Step 7 Click Apply Config.

The Apply Configuration Information dialog displays.

Step 8 Click OK.