Use the following topics to find, add, update, or delete route partitions:

- Partition Configuration Settings, page 53-1
- Finding a Partition, page 53-3
- Configuring a Partition, page 53-4
- Searching for a Partition, page 53-5
- Synchronizing a Partition With Affected Devices, page 53-5
- Deleting a Partition, page 53-6
- Related Topics, page 53-7

**Partition Configuration Settings**

A partition contains a list of route patterns (directory number (DN) and route patterns). Partitions facilitate call routing by dividing the route plan into logical subsets that are based on organization, location, and call type. For more information about partitions, refer to “Partitions and Calling Search Spaces” in the *Cisco Unified Communications Manager System Guide*.

Table 53-1 describes the partition configuration settings. For related procedures, see the “Related Topics” section on page 53-7.
### Partition Configuration Settings

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Partition Information</strong></td>
<td></td>
</tr>
<tr>
<td>(Partition Name, Description)</td>
<td>Enter a name in the partition name and description box. Ensure each partition name is unique to the route plan. Partition names can contain a-z, A-Z and 0-9 characters, as well as spaces, hyphens (-), and underscore characters (_).</td>
</tr>
<tr>
<td>Note</td>
<td>The length of the partition names limits the maximum number of partitions that can be added to a calling search space. Table 53-2 provides examples of the maximum number of partitions that can be added to a calling search space if partition names are of fixed length.</td>
</tr>
<tr>
<td>Time Schedule</td>
<td>From the drop-down list box, choose a time schedule to associate with this partition. The associated time schedule specifies when the partition is available to receive incoming calls.</td>
</tr>
<tr>
<td>Time Zone</td>
<td>Choose one of the following options to associate a partition with a time zone:</td>
</tr>
<tr>
<td></td>
<td>- Originating Device—If you choose this option, the system checks the partition against the associated time schedule with the time zone of the calling device.</td>
</tr>
<tr>
<td></td>
<td>- Specific Time Zone—If you choose this option, choose a time zone from the drop-down list box. The system checks the partition against the associated time schedule at the time that is specified in this time zone.</td>
</tr>
<tr>
<td></td>
<td>These options all specify the Time Zone. When an incoming call occurs, the current time on the Cisco Unified Communications Manager gets converted into the specific time zone set when one option is chosen. The system validates this specific time against the value in the Time Schedule field.</td>
</tr>
</tbody>
</table>

#### Table 53-1  Partition Configuration Settings
Use concise and descriptive names for your partitions. The CompanynameLocationCalltype format usually provides a sufficient level of detail and is short enough to enable you to quickly and easily identify a partition. For example, CiscoDallasMetroPT identifies a partition for toll-free, inter-local access and transport area (LATA) calls from the Cisco office in Dallas.

You can enter multiple partitions at the same time by entering the partition name and description, if applicable, in the Partition Name & Description text box. Remember to use one line for each partition entry and to separate the partition name and description with a comma.

Table 53-2 provides examples of the maximum number of partitions that can be added to a calling search space if partition names are of fixed length. Refer to “Partition Name Limitations” in the Cisco Unified Communications Manager System Guide for details about how this maximum number is calculated.

**Table 53-2    Calling Search Space Partition Limitations**

<table>
<thead>
<tr>
<th>Partition Name Length</th>
<th>Maximum Number of Partitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 characters</td>
<td>170</td>
</tr>
<tr>
<td>3 characters</td>
<td>128</td>
</tr>
<tr>
<td>4 characters</td>
<td>102</td>
</tr>
<tr>
<td>5 characters</td>
<td>86</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>10 characters</td>
<td>46</td>
</tr>
<tr>
<td>15 characters</td>
<td>32</td>
</tr>
</tbody>
</table>

Additional Information
See the “Related Topics” section on page 53-7.

**Finding a Partition**

Because you might have several partitions in your network, Cisco Unified Communications Manager lets you locate specific partitions based on specific criteria. Use the following procedure to locate partitions.

During your work in a browser session, Cisco Unified Communications Manager Administration retains your partition search preferences. If you navigate to other menu items and return to this menu item, Cisco Unified Communications Manager Administration retains your partition search preferences until you modify your search.

**Procedure**

**Step 1** Choose Call Routing > Class of Control > Partition.

The Find and List Partitions window displays.
Step 2  To find all records in the database, ensure the dialog box is empty; go to Step 3.

To filter or search records:
- From the first drop-down list box, select a search parameter.
- From the second drop-down list box, select a search pattern.
- Specify the appropriate search text, if applicable.

Note  To add additional search criteria click the + button. When you add criteria, the system searches for a record that matches all criteria that you specify. To remove criteria, click the – button to remove the last added criteria or click the Clear Filter button to remove all added search criteria.

Step 3  Click Find.

All or matching records display. You can change the number of items that display on each page by choosing a different value from the Rows per Page drop-down list box.

Note  You can delete multiple records from the database by checking the check boxes next to the appropriate record and clicking Delete Selected. You can delete all configurable records for this selection by clicking Select All and then clicking Delete Selected.

Step 4  From the list of records that display, click the link for the record that you want to view.

Note  To reverse the sort order, click the up or down arrow, if available, in the list header.

The window displays the item that you choose.

Additional Information
See the “Related Topics” section on page 53-7.

## Configuring a Partition

Perform the following procedure to add a partition.

### Procedure

**Step 1**  In the menu bar, choose Call Routing > Class of Control > Partition.

The Find and List Partitions window displays.

**Step 2**  Perform one of the following tasks:
- To add a new partition, click the Add New button, and continue with Step 3.
- To update an existing partition, locate the appropriate partition as described in “Finding a Partition” section on page 53-3, and continue with Step 3.

**Step 3**  Enter the appropriate settings as described in Table 53-1.
Searching for a Partition

You can configure the number of partitions that display in this drop-down list box by using the Max List Box Items enterprise parameter. If more partitions exist than the Max List Box Items enterprise parameter specifies, the Find button displays next to the Partition drop-down list box on the Cisco Unified Communications Manager Administration windows where the button appears. Click the Find button to search for the partition that you want.

Procedure

Step 1 Click the Find button next to the Partition drop-down list box.

The Find and List Partitions window displays.

Step 2 In the Find partition where field, choose search criteria and enter a partial partition name.

Step 3 In the list of partitions that displays, click the desired partition name and click OK.

Additional Information

See the “Related Topics” section on page 53-7.

Synchronizing a Partition With Affected Devices

To synchronize devices with a partition that has undergone configuration changes, perform the following procedure, which will apply any outstanding configuration settings in the least-intrusive manner possible. (For example, a reset/restart may not be required on some affected devices.)
Dealing a Partition

The following procedure describes how to delete a partition.

**Before You Begin**

You cannot delete a partition if it is assigned to an item such as calling search space or to a route pattern. To find out which calling search spaces or other items are using the partition, choose **Dependency Records** from the Related Links drop-down list box in the Partition Configuration window and click **Go**. If the dependency records are not enabled for the system, the dependency records summary window displays a message. For more information about dependency records, refer to the “**Accessing Dependency Records**” section on page A-2. If you try to delete a partition that is in use, Cisco Unified Communications Manager displays a message. Before deleting a partition that is currently in use, you must perform either or both of the following tasks:

- Assign a different partition to any calling search spaces, devices, or other items that are using the partition that you want to delete.
- Delete the calling search spaces, devices, or other items that are using the partition that you want to delete.

**Procedure**

**Step 1**  Choose **Call Routing > Class of Control > Partition**.

The Find and List Partitions window displays.

**Step 2**  Choose the search criteria to use.

**Step 3**  Click **Find**.

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

**Step 4**  Click the partition to which you want to synchronize applicable devices. The Partition 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.

**Note**  If devices that are associated with the partition get reset, all calls on affected gateways drop.

**Step 8**  Click **OK**.

**Additional Information**

See the “**Related Topics**” section on page 53-7.
Chapter 53  Partition Configuration

Procedure

Step 1 In the menu bar, choose Call Routing > Class of Control > Partition.

Step 2 Locate the partition that you want to delete. See the “Finding a Partition” section on page 53-3.

Step 3 Check the check box of the partition that you want to delete and click Delete Selected.

Tip You can delete all the partitions in the list by clicking Select All and then clicking Delete Selected.

A message displays that states that you cannot undo this action.

Step 4 To delete the partition, click OK or to cancel the deletion, click Cancel.

Caution Before initiating this action, check carefully to ensure that you are deleting the correct partition. You cannot retrieve deleted partitions. If a partition is accidentally deleted, you must rebuild it.

Tip You can also delete a partition by locating and displaying the partition that you want to delete and clicking Delete.

Additional Information
See the “Related Topics” section on page 53-7.

Related Topics

- Partition Configuration Settings, page 53-1
- Finding a Partition, page 53-3
- Configuring a Partition, page 53-4
- Synchronizing a Partition With Affected Devices, page 53-5
- Deleting a Partition, page 53-6
- Searching for a Partition, page 53-5
- Local Route Groups, Cisco Unified Communications Manager Features and Services Guide