



Partition Configuration

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 CallManager System Guide*.

Use the following topics to add or delete route partitions:

- [Finding a Partition, page 14-1](#)
- [Adding a Partition, page 14-3](#)
- [Updating a Partition, page 14-4](#)
- [Deleting a Partition, page 14-4](#)
- [Partition Configuration Settings, page 14-6](#)

Finding a Partition

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

Procedure

Step 1 Choose **Route Plan > Partition**.

The Find and List Partitions window displays.

- Step 2** From the drop-down list box, choose one of the following criteria:
- begins with
 - contains
 - ends with
 - is exactly
- Step 3** Specify the appropriate search text, if applicable, and click **Find**. You can also specify how many items per page to display.



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

A list of discovered partitions displays by

- Partition name
- Description



Note You can delete multiple partitions from the Find and List Partitions window by checking the check boxes next to the appropriate partitions and clicking **Delete Selected**. You can delete all partitions in the window by checking the check box in the matching records title bar and clicking **Delete Selected**.

- Step 4** From the list of records, click the partition that matches your search criteria. The window displays the partition that you chose.
-

Related Topics

- [Finding a Partition, page 14-1](#)
- [Adding a Partition, page 14-3](#)
- [Updating a Partition, page 14-4](#)
- [Deleting a Partition, page 14-4](#)
- [Partition Configuration Settings, page 14-6](#)

Adding a Partition

Perform the following procedure to add a partition.

Procedure

- Step 1** In the menu bar, choose **Route Plan > Partition**.
- Step 2** Click **Add a New Partition**.
- Step 3** Enter the appropriate settings as described in [Table 14-1](#).
- Step 4** Click **Insert** to add the new partition(s).



Note You can configure multiple partitions. To enter multiple partitions, use one line for each partition entry. You can enter up to 75 partitions; the names and descriptions can have a total of up to 1475 characters. Use a comma (,) to separate the partition name and description on each line. If you do not enter a description, Cisco CallManager uses the name as the description.

Related Topics

- [Finding a Partition, page 14-1](#)
- [Updating a Partition, page 14-4](#)
- [Deleting a Partition, page 14-4](#)
- [Partition Configuration Settings, page 14-6](#)

Updating a Partition

This section describes how to update a partition.

Procedure

- Step 1** In the menu bar, click **Route Plan > Partition**.
- Step 2** Locate and display the partition that you want to update. See the [“Finding a Partition” section on page 14-1](#).
- Step 3** Update the partition name and/or description and click **Update**.
- Step 4** Click **Restart Devices**. When you restart devices that are associated with the partition, all calls on affected gateways drop.
-

Related Topics

- [Finding a Partition, page 14-1](#)
- [Adding a Partition, page 14-3](#)
- [Deleting a Partition, page 14-4](#)
- [Partition Configuration Settings, page 14-6](#)

Deleting a Partition

The following procedure describes how to delete a partition.



Note

You cannot delete a partition if it is assigned to a calling search space or to a device.

Procedure

- Step 1** In the menu bar, choose **Route Plan > Partition**.
- Step 2** Locate the partition that you want to delete. See the [“Finding a Partition” section on page 14-1](#).

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 checking the check box in the Matching Record(s) title bar and 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**.

Related Topics

- [Finding a Partition, page 14-1](#)
- [Adding a Partition, page 14-3](#)
- [Partition Configuration Settings, page 14-6](#)

Partition Configuration Settings

Table 14-1 describes the partition configuration settings.

Table 14-1 Partition Configuration Settings

Field	Description
(Partition Name, Description)	<p>Enter a name in the partition name and description box. Ensure each partition name is unique to the route plan. Partition names can contain alphanumeric characters, as well as spaces, hyphens (-), and underscore characters (_).</p> <p>Note The length of the partition names limits the maximum number of partitions that can be added to a calling search space. Table 14-2 provides examples of the maximum number of partitions that can be added to a calling search space if partition names are of fixed length.</p> <p>Follow the partition name by a comma (,); then, enter a description on the same line as the Partition Name. If you do not enter a description, Cisco CallManager automatically enters the partition name in this field.</p> <p>Use a new line for each partition and description.</p>



Timesaver

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.

**Tip**

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 14-2 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 CallManager System Guide* for details about how this maximum number is calculated.

Table 14-2 Calling Search Space Partition Limitations

Partition Name Length	Maximum Number of Partitions
2 characters	170
3 characters	128
4 characters	102
5 characters	86
...	...
10 characters	46
15 characters	32

Related Topics

- [Finding a Partition, page 14-1](#)
- [Adding a Partition, page 14-3](#)
- [Updating a Partition, page 14-4](#)
- [Deleting a Partition, page 14-4](#)

