



# Route Plan Report

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This chapter provides information about viewing route plan report records and managing unassigned directory numbers.

For additional information, see topics related to route plans and directory number configuration settings in the *Cisco Unified Communications Manager System Guide*. Also see topics related to local route groups in the *Cisco Unified Communications Manager Features and Services Guide*.

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## About Route Plan Report Setup

The route plan report lists all of the following types of directory and other numbers in the system:

- Unassigned directory numbers (DN)
- Call park numbers
- Conference numbers
- Directory numbers (DN)
- Calling party transformation patterns
- Called party transformation patterns
- Translation patterns
- Call pickup group numbers
- Route patterns
- Message-waiting indicators
- Voice-mail ports
- Domain routing
- IP routing

- Hunt pilots
- Directed call park numbers
- Intercom directory numbers
- Intercom translation patterns
- Handoff numbers (configured in the Mobility Configuration window [**Call Routing > Mobility > Handoff Configuration**])
- Enterprise Feature Access numbers (configured in the Mobility Configuration window [**Call Routing > Mobility > Enterprise Feature Access Configuration**])
- Mobile Voice Access numbers (configured in the Service Parameters window [**System > Service Parameters**])
- Mobile Voice Access directory numbers (configured in the Mobile Voice Access window [**Media Resources > Mobile Voice Access**])

The route plan report allows you to view either a partial or full list and to go directly to the associated configuration windows by clicking the entry in the Pattern/Directory Number, Partition, or Route Detail columns of the report.

In addition, the route plan report allows you to save report data into a .csv file that you can import into other applications. The .csv file contains more detailed information than the web pages, including directory numbers for phones, route patterns, pattern usage, device name, and device description.

Cisco Unified Communications Manager uses the route plan to route both internal calls and external public switched telephone network (PSTN) calls. Because you might have several records in your network, Cisco Unified Communications Manager Administration lets you locate specific route plan records on the basis of specific criteria.

## View Route Plan Records

This section describes how to view route plan records. Because you might have several records in your network, Cisco Unified Communications Manager Administration lets you locate specific route plan records on the basis of specific criteria. Use the following procedure to generate customized route plan reports.

### Procedure

**Step 1** Choose **Call Routing > Route Plan Report**.

**Step 2** To find all records in the database, ensure the dialog box is empty and proceed 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.

**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.

- Step 4** From the list of records that display, click the link for the record that you want to view.  
The window displays the item that you choose.
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## Delete Unassigned Directory Numbers

This section describes how to delete an unassigned directory number from the route plan report. Directory numbers get configured and removed in the Directory Number Configuration window of Cisco Unified Communications Manager Administration. When a directory number gets removed from a device or a phone gets deleted, the directory number still exists in the Cisco Unified Communications Manager database. To delete the directory number from the database, use the Route Plan Report window.

### Procedure

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- Step 1** Choose **Call Routing > Route Plan Report**.
- Step 2** In the Route Plan Report window, use the three drop-down lists to specify a route plan report that lists all unassigned DNs.
- Step 3** Three ways exist to delete directory numbers:
- Click the directory number that you want to delete. When the Directory Number Configuration window displays, click Delete.
  - Check the check box next to the directory number that you want to delete. Click Delete Selected.
  - To delete all found unassigned directory numbers, click Delete All Found Items.  
A warning message verifies that you want to delete the directory number.
- Step 4** To delete the directory number, click OK. To cancel the delete request, click Cancel.
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## Update Unassigned Directory Numbers

This section describes how to update the settings of an unassigned directory number from the route plan report. Directory numbers get configured and removed in the Directory Number Configuration window of Cisco Unified Communications Manager Administration. When a directory number gets removed from a device, the directory number still exists in the Cisco Unified Communications Manager database. To update the settings of the directory number, use the Route Plan Report window.

### Procedure

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- Step 1** Choose **Call Routing > Route Plan Report**.
- Step 2** In the **Route Plan Report** window, use the three drop-down lists to specify a route plan report that lists all unassigned DNs.
- Step 3** Click the directory number that you want to update.

**Note** You can update all the settings of the directory number except the directory number and partition.

**Step 4** Make the required updates such as calling search space or forwarding options.

**Step 5** Click **Save**.

The Directory Number Configuration window redisplay, and the directory number field is blank.

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## Save Route Plan Reports

This section contains information on how to view route plan reports in a .csv file.

### Procedure

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**Step 1** Choose **Call Routing > Route Plan Report**.

**Step 2** Choose **View In File** from the **Related Links** drop-down list on the **Route Plan Report** window and click **Go**.

From the dialog box that appears, you can either save the file or import it into another application.

**Step 3** Click **Save**.

Another window displays that allows you to save this file to a location of your choice.

**Note** You may also save the file as a different file name, but the file name must include a .CSV extension.

**Step 4** Choose the location in which to save the file and click **Save**. This action should save the file to the location that you designated.

**Step 5** Locate the .CSV file that you just saved and double-click its icon to view it.

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