



Application Dial Rules Configuration

The administrator uses dial rules configuration to add and sort the priority of dialing rules. Dial rules for applications such as Cisco Unified CallManager Assistant automatically strip numbers from or add numbers to telephone numbers that a user dials. For example, the dial rules automatically add the digit 9 in front of a 7-digit telephone number to provide access to an outside line.

For example, in Cisco Unified CM Assistant, the assistant can perform a directory search from the assistant console. The assistant can drag and drop the directory entry to the My Calls panel on the assistant console, which invokes a call to the number that is listed in the entry. The dial rules apply to the number that is listed in the entry before the call gets made.

The following sections describe dial rules configuration:

- [Finding a Dial Rule, page 29-1](#)
- [Configuring Dial Rules, page 29-2](#)
- [Deleting a Dial Rule, page 29-4](#)
- [Reprioritizing a Dial Rule, page 29-4](#)

Finding a Dial Rule

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



Note

During your work in a browser session, Cisco Unified CallManager Administration retains your dial rule search preferences. If you navigate to other menu items and return to this menu item, Cisco Unified CallManager Administration retains your dial search preferences until you modify your search or close the browser.

Procedure

Step 1 Choose **Call Routing > Dial Rules > Application Dial Rules**.

The Find and List Application Dial Rules window displays.

- Step 2** From the first Find Application Dial Rule where drop-down list box, choose one of the following criteria:
- Name
 - Description
 - Number Begins With
- Step 3** From the second Find Application Dial Rule where drop-down list box, choose one of the following criteria:
- begins with
 - contains
 - ends with
 - is exactly
 - is empty
 - is not empty
- Step 4** 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 application dial rules that are registered in the database, click **Find** without entering any search text.

A list of discovered application dial rules displays.

- Step 5** From the list of records, click the dial rule that matches your search criteria.
The window displays the dial rule that you choose.

Additional Information

See the [“Related Topics” section on page 29-5](#).

Configuring Dial Rules

Perform the following procedure to add a new dial rule or update an existing dial rule. See [Application Dial Rules Configuration Error Checking](#) in the *Cisco Unified CallManager System Guide* for dial rule design and error checking.

Procedure

- Step 1** In the menu bar, choose **Call Routing > Dial Rules > Application Dial Rules**.
The Find and List Application Dial Rules window displays.
- Step 2** Perform one of the followings tasks:
- To add a new dial rule, click the **Add New** button, and continue with [Step 3](#).
 - To update an existing dial rule, locate the appropriate dial rule as described in [“Finding a Dial Rule” section on page 29-1](#), and continue with [Step 3](#).
- Step 3** Enter the appropriate dial rule information settings as found in [Table 29-1](#).

Step 4 Click the **Save** button.



Note If more than one dial rule exists, you can change the priority of the dial rules. See the [“Reprioritizing a Dial Rule”](#) section on page 29-4.

Additional Information

See the [“Related Topics”](#) section on page 29-5.

Application Dial Rule Configuration Settings

[Table 29-1](#) describes the available settings in the Application Dial Rule Configuration window. For more information about related procedures, see the [“Related Topics”](#) section on page 29-5.

Table 29-1 *Dial Rule Configuration Settings*

Field	Description
Name	Enter a name in the Name field. The name can contain up to 20 alphanumeric characters and can contain any combination of spaces, periods (.), hyphens (-), and underscore characters (_). Ensure each application dial rule name is unique.
Description	Enter a description of the application dial rule in the Description field or leave blank.
Number Begins With	Enter the initial digits of the directory numbers to which you want to apply this application dial rule. Valid values include numeric digits (0 through 9), plus (+), asterisk (*), and pound (#).
Number of Digits	Enter the length of the directory numbers to which you want to apply this application dial rule. Enter a digit between 1 and 100 or the characters +*#.
Total Digits to be Removed	Enter the number of digits that you want Cisco CallManager to remove from directory numbers that apply to this dial rule. Enter a digit between 0 and 100.
Prefix With Pattern	Enter the pattern to prepend to directory numbers that apply to this application dial rule. Valid values include digits (0 through 100), plus (+), asterisk (*), and pound (#).
Application Dial Rule Priority	Choose the dial rule priority as top, bottom, or middle.  Note This field displays when you enter the Prefix With Pattern information.

Additional Information

See the [“Related Topics”](#) section on page 29-5.

Deleting a Dial Rule

Perform the following procedure to delete a dial rule.

Procedure

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- Step 1** From Cisco Unified CallManager Administration, choose **Call Routing > Dial Rules > Application Dial Rules**.
- Step 2** Locate the application dial rule that you want to delete. See the [“Finding a Dial Rule” section on page 29-1](#).
- Step 3** Check the check box next to the application dial rule that you want to delete and click **Delete Selected**. A dialog box appears to warn you that you cannot undo deletion of application dial rules.
- Step 4** To delete the group, click **OK**, or to cancel the action, click **Cancel**. If you click **OK**, the Cisco Unified CallManager removes the application dial rule from the application dial rules list.



Note You can delete multiple dial rules from the Find and List Application Dial Rules window by checking the check boxes next to the appropriate dial rules and clicking **Delete Selected**. You can delete all the AAR groups in the window by clicking **Select All** and then clicking **Delete Selected**.

Additional Information

See the [“Related Topics” section on page 29-5](#).

Reprioritizing a Dial Rule

Perform the following procedure to reprioritize a dial rule.

Procedure

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- Step 1** From Cisco Unified CallManager Administration, choose **Call Routing > Dial Rules > Application Dial Rules**.



Note You can also change the priority starting from the Application Dial Rules Configuration window.

- Step 2** In the Find and List Application Dial Rules window, choose a dial rule and either click the check box next to it, or click the dial rule name. The Application Dial Rule Configuration window displays.
- Step 3** Use the up and down arrows to move the dial rule up or down the list.
- Step 4** When you complete prioritizing the order, click Save.
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Additional Information

See the [“Related Topics” section on page 29-5](#).

Related Topics

- [Finding a Dial Rule, page 29-1](#)
- [Configuring Dial Rules, page 29-2](#)
- [Deleting a Dial Rule, page 29-4](#)
- [Reprioritizing a Dial Rule, page 29-4](#)

