



## Directory Lookup Dial Rules Configuration

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Directory lookup rules transform caller identification numbers into numbers that can be looked up in the directory. Each rule specifies which numbers to transform based on the beginning digits and length of the number. For example, you can create a directory lookup rule that automatically removes the area code and 2 prefix digits from a 10-digit telephone, which would transform 4085551212 into 51212. If Cisco Unified CallManager Attendant Console can match the number with a user in the speed-dial entries of the attendant or in the directory, the attendant console displays the name in the Call Detail window.

This section contains the following topics:

- [Finding a Directory Lookup Dial Rule, page 30-1](#)
- [Configuring Directory Lookup Dial Rules, page 30-2](#)
- [Directory Lookup Dial Rule Configuration Settings, page 30-3](#)
- [Deleting a Directory Lookup Dial Rule, page 30-4](#)
- [Related Topics, page 30-4](#)

## Finding a Directory Lookup Dial Rule

Use the following procedure to locate directory lookup dial rules.



### Note

During your work in a browser session, Cisco Unified CallManager Administration retains your directory lookup 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

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- Step 1** Choose **Call Routing > Dial Rules > Directory Lookup Dial Rules**.  
The Directory Lookup Dial Rule Find and List window displays.

- Step 2** From the first Find Directory Lookup Dial Rule drop-down list box, choose the field you want to use to search for directory lookup dial rules; for example, Name, Description, or Number begins with.



**Note** To find all directory lookup dial rules in the database, do not enter any search text and click **Find**. A list of directory lookup dial rules that matches your search criteria displays.

- Step 3** From the second Find Directory Lookup Dial Rule drop-down list box, choose a search pattern for your text search; for example, begins with, contains, or ends with.

- Step 4** Specify the appropriate search text, if applicable, and click **Find**.

The records that match your search criteria display. You can change the number of items that display on each window by choosing a different value from the Rows Per Page drop-down list box.



**Tip** To search for directory lookup rules within the search results, click the **Extend Query** check box, enter your search criteria as described in this procedure, and click **Find**.



**Note** You can delete multiple dial rules by checking the check boxes next to the appropriate dial rules and clicking **Delete Selected**. You can delete all the directory lookup dial rules in the window by clicking **Select All** and then clicking **Delete Selected**.

- Step 5** From the list of records, click the name of the directory lookup dial rule that you want to view.  
The Directory Lookup Dial Rule Configuration window displays with the dial rule that you choose.

#### Additional Information

See the [“Related Topics” section on page 30-4](#).

## Configuring Directory Lookup Dial Rules

Perform the following procedure to add and update a directory lookup dial rule.

#### Procedure

- Step 1** Choose **Call Routing > Dial Rules > Directory Lookup Dial Rules**.

The Directory Lookup Dial Rule Find and List window displays.

- Step 2** Perform one of the following tasks:

- To add a new directory lookup dial rule, click **Add New**.
- To edit an existing directory lookup dial rule, display the appropriate dial as described in the [“Finding a Directory Lookup Dial Rule” section on page 30-1](#).

The Directory Lookup Dial Rule Configuration window displays.

- Step 3** Enter the appropriate settings as described in [Table 30-1](#).
- Step 4** Click **Save**.

#### Additional Information

See the “[Related Topics](#)” section on page 30-4.

## Directory Lookup Dial Rule Configuration Settings

[Table 30-1](#) describes the available settings in the Phone Configuration window. For more information about related procedures, see the “[Related Topics](#)” section on page 30-4.

**Table 30-1** Directory Lookup Dial Rule Configuration Settings

| Field                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                       | Enter a name for the directory lookup dial rule. The name can contain up to 20 alphanumeric characters and can contain any combination of spaces, periods (.), hyphens (-), and underscore characters (_).                                                                                                                                                                                                                                           |
| Description                | Enter a description of the directory lookup 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 directory lookup dial rule. For example, if you enter 972, this dial rule applies to directory numbers that include 9725551212.<br><br>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 directory lookup dial rule. For example, if you enter 7, this dial rule applies to directory numbers including 8675309.                                                                                                                                                                                                                                                    |
| 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. For example, if you enter 3, Cisco Unified CallManager removes 408 from directory numbers that include 4085256666.<br><br>Valid values for this field range from 0 to 100. The total digits to be removed cannot be more than the number of digits of the directory numbers that apply to this directory lookup dial rule. |
| Prefix With Pattern        | Enter the pattern to prepend to directory numbers that apply to this directory lookup dial rule. Valid values include digits (0 through 9), plus (+), asterisk (*), and pound (#).                                                                                                                                                                                                                                                                   |

# Deleting a Directory Lookup Dial Rule

Perform the following procedure to delete a directory lookup dial rule.

## Procedure

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- Step 1** Choose **Call Routing > Dial Rules > Directory Lookup Dial Rules**.  
The Directory Lookup Dial Rule Find and List window displays.
- Step 2** To locate a specific directory lookup dial rule, enter search criteria and click **Find**.  
A list of phones that match the search criteria displays.
- Step 3** Perform one of the following actions:
- Check the check boxes next to the directory lookup dial rules that you want to delete and click **Delete Selected**.
  - Delete all the directory lookup dial rules in the window by checking the check box in the matching records title bar and clicking **Delete Selected**.
  - Display the directory lookup dial rule that you want to delete by clicking the name of the directory lookup dial rule and clicking **Delete**.
- A confirmation dialog displays.
- Step 4** To delete the directory lookup dial rules, click **OK**; to cancel the action, click **Cancel**.
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## Additional Information

See the [“Related Topics”](#) section on page 30-4.

## Related Topics

- [Finding a Directory Lookup Dial Rule, page 30-1](#)
- [Configuring Directory Lookup Dial Rules, page 30-2](#)
- [Directory Lookup Dial Rule Configuration Settings, page 30-3](#)
- [Deleting a Directory Lookup Dial Rule, page 30-4](#)

## Application Dial Rules

- [Dial Rules Overview, Cisco Unified CallManager System Guide](#)
- [Application Dial Rules Configuration, page 29-1](#)
- [Configuring Dial Rules, page 29-2](#)

## Cisco Unified CallManager Attendant Console

- [Configuration Checklist for Cisco Unified CallManager Attendant Console, Cisco Unified CallManager Features and Services Guide](#)
- [Cisco Unified CallManager Attendant Console, Cisco Unified CallManager Features and Services Guide](#)