



# CHAPTER 14

## LDAP Custom Filter Configuration

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LDAP directory configuration takes place in these related windows:

- LDAP System Configuration
- LDAP Directory
- LDAP Authentication
- LDAP Filter Configuration

Use the following topics to configure LDAP filter information:

- [LDAP Filter Configuration Settings, page 14-1](#)
- [Related Topics, page 14-2](#)

## LDAP Filter Configuration Settings

In Cisco Unified Communications Manager Administration, use the **System > LDAP > LDAP Custom Filter** menu path to configure LDAP filters.

In the LDAP Filter Configuration window, you specify information about the LDAP filter.

### Before You Begin

Before you can synchronize the LDAP directory, you must activate the Cisco DirSync service. For information about how to activate services, see the *Cisco Unified Serviceability Administration Guide*.

**f**Changes to LDAP Directory information and LDAP Authentication settings are possible only if synchronization from the customer LDAP directory is enabled in the Cisco Unified Communications Manager Administration LDAP System Configuration window.

You can import and export LDAP custom filters by using the Bulk Administration Tool. For more information, see the *Cisco Unified Communications Manager Bulk Administration Guide*.

### Tips About Deleting LDAP Filters

When you delete an LDAP filter, Cisco Unified Communications Manager removes that filter from the database.

You cannot delete an LDAP filter that is assigned to a directory agreement. To determine if an LDAP filter is assigned to a directory agreement, select **Dependency Records** from the Related Links drop-down list box in the LDAP Filter Configuration window. If any dependencies display for that LDAP filter, you cannot delete it.

**Using the GUI**

For instructions on how to use the Cisco Unified Communications Manager Administration Graphical User Interface (GUI) to find, delete, configure, or copy records, see the [“Navigating the Cisco Unified Communications Manager Administration Application”](#) section on page 1-13 and its subsections, which explain how to use the GUI and detail the functions of the buttons and icons.

**Configuration Settings Table**

Table 14-1 describes the LDAP filter configuration settings. For related procedures, see the [“Related Topics”](#) section on page 14-2.

**Table 14-1 LDAP Custom Filter Settings**

Field	Description
<b>LDAP Custom Filter Information</b>	
Filter Name	Enter a name for the LDAP filter. The name can contain a maximum of 64 UTF-8 characters.
Filter	<p>Enter a filter. The filter can contain a maximum of 1024 UTF-8 characters. Enclose the filter text within parentheses ().</p> <p>The LDAP filter filters the results of LDAP searches. LDAP users that match the filter get imported into the Cisco Unified Communications Manager database, while LDAP users that do not match the filter do not get imported.</p> <p>The filter text that you enter must comply with the regular LDAP search filter standards specified in RFC 4515. It is recommended that you verify the LDAP search filter against the LDAP directory/searchbase by using the <b>ldapsearch</b> command.</p> <p>You apply LDAP filters to LDAP directories. For more information, see the <a href="#">“LDAP Directory Configuration”</a> section on page 12-1. You can apply an LDAP filter to multiple LDAP directories, and to all LDAP directory types for which the filter is valid.</p>

**Additional Information**

See the [“Related Topics”](#) section on page 14-2.

## Related Topics

- [LDAP Custom Filter Configuration, page 14-1](#)
- [LDAP Filter Configuration Settings, page 14-1](#)
- [Understanding the Directory, Cisco Unified Communications Manager System Guide](#)
- [LDAP System Configuration, page 11-1](#)
- [LDAP Directory Configuration, page 12-1](#)
- [LDAP Authentication Configuration, page 13-1](#)
- [Application Users and End Users, Cisco Unified Communications Manager System Guide](#)
- [Application User Configuration, page 87-1](#)
- [End User Configuration, page 88-1](#)