



Date/Time Group Configuration

Use Date/Time Groups to define time zones for the various devices that are connected to Cisco CallManager. Each device exists as a member of only one device pool, and each device pool has only one assigned Date/Time Group.

Installing Cisco CallManager automatically configures a default Date/Time Group that is called CMLocal. CMLocal synchronizes to the active date and time of the operating system on the server where Cisco CallManager is installed. After installing Cisco CallManager, you can change the settings for CMLocal as desired. Normally, adjust server date/time to the local time zone date and time.



Note

CMLocal resets to the operating system date and time whenever you restart Cisco CallManager or upgrade the Cisco CallManager software to a new release. Do not change the name of CMLocal.



Tip

For a worldwide distribution of Cisco IP Phones, create one named Date/Time Group for each of the 24 time zones.

Use the following topics to add, update, or delete Date/Time Groups:

- [Finding a Date/Time Group, page 6-1](#)
- [Configuring a Date/Time Group, page 6-3](#)
- [Date/Time Group Configuration Settings, page 6-4](#)
- [Deleting a Date/Time Group, page 6-5](#)

Finding a Date/Time Group

Because you might have several date/time groups in your network, Cisco CallManager Administration lets you locate specific date/time groups on the basis of specific criteria. Use the following procedure to locate date/time groups.



Note

During your work in a browser session, your find/list search preferences are stored in the cookies on the client machine. If you navigate to other menu items and return to this menu item, or if you close the browser and then reopen a new browser window, your Cisco CallManager search preferences are retained until you modify your search.

Procedure

Step 1 Choose **System > Date/Time Group**.

The Find and List Date/Time Groups window displays. Use the two drop-down list boxes to search for a date/time group.

Step 2 From the first Find Date/Time Groups window drop-down list box, choose one of the following criteria:

- Group Name
- Time Zone

From the second Find Date/Time Groups window drop-down list box, choose one of the following criteria:

- begins with
- contains
- is exactly
- ends with
- is empty
- is not empty

Step 3 Specify the appropriate search text, if applicable, and click **Find**.



Tip

To find all Date/Time Groups that are registered in the database, click **Find** without entering any search text.

A list of discovered Date/Time Groups displays by

- Name
- Time Zone

From the Find and List Date/Time Groups window, you can also specify how many items per page to display.



Note

You can delete multiple date/time groups from the Find and List Date/Time Groups window by checking the check boxes next to the appropriate date/time groups and clicking **Delete Selected**. You can delete all date/time groups 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 Date/Time Group name that matches your search criteria.

The window displays the date/time group that you chose.

Additional Information

See the [“Related Topics” section on page 6-6](#).

Configuring a Date/Time Group

This section describes how to add, copy, or update a date/time group to the Cisco CallManager database.

Procedure

Step 1 Choose **System > Date/Time Group**.

The Find and List Date/Time Groups window displays.

Step 2 Perform one of the following tasks:

- To copy an existing date/time group, locate the appropriate date/time group as described in the [“Finding a Date/Time Group” section on page 6-1](#), click the **Copy** button next to the date/time group that you want to copy, and continue with [Step 3](#).
- To add a new date/time group, locate the appropriate date/time group as described in the [“Finding a Date/Time Group” section on page 6-1](#), click the **Add New** button, and continue with [Step 3](#).
- To update an existing date/time group, locate the appropriate date/time group as described in the [“Finding a Date/Time Group” section on page 6-1](#) and continue with [Step 3](#).

Step 3 Enter the appropriate settings as described in [Table 6-1](#).

Step 4 To get its date and time, a SIP phone can use NTP server(s) that exist in Cisco CallManager Administration, as described in the [“Phone NTP Reference Configuration” section on page 8-1](#). To add a phone NTP reference to a date/time group for a SIP phone, perform the following tasks:

- a. Click the **Add Phone NTP References** button.
- b. Find the phone NTP reference(s) that you want to add, as described in the [“Finding the Phone NTP References” section on page 8-1](#).

Only phone NTP references that exist in the Cisco CallManager database display. For information on adding a phone NTP reference to Cisco CallManager Administration, see the [“Configuring the Phone NTP References” section on page 8-2](#).
- c. After the search results display, check the check boxes for any phone NTP references that you want to add to the date/time group or click **Select All**.
- d. Click **Add Selected**.



Tip

After you add the phone NTP reference(s) to the date/time group, you can prioritize them, starting with the first server that you want the SIP phone to contact. For example, to move a server to the top of the list, highlight the entry in the pane and click the Up arrow. To move a server to the bottom of the list, highlight the entry in the pane and click the Down arrow.

Step 5 To remove a phone NTP reference from the date/time group, highlight the reference in the pane and click **Remove Phone NTP References**.

Removing the phone NTP reference from the date/time group does not remove the phone NTP reference from the Cisco CallManager database.

Step 6 To save the new date/time group in the database, click the Save icon that displays in the tool bar in the upper, left corner of the window (or click the Save button that displays at the bottom of the window).

Step 7 To reset the devices that use the date/time group, click Reset.

Next Steps

After adding a new date/time group to the database, you can assign it to a device pool to configure the date and time information for that device pool. For more information, refer to the [“Configuring a Device Pool” section on page 9-3](#).

Additional Information

See the [“Related Topics” section on page 6-6](#).

Date/Time Group Configuration Settings

[Table 6-1](#) describes the date/time group configuration settings. For related procedures, see the [“Related Topics” section on page 6-6](#).

Table 6-1 **Date/Time Group Configuration Settings**

Field	Description
Group Name	Enter the name that you want to assign to the new date/time group.
Time Zone	From the drop-down list box, choose the time zone for the group that you are adding. The default setting for new Cisco CallManager installations equals (GMT) Monrovia, Casablanca. If you upgrade from a compatible Cisco CallManager release and you use “local time zone of CallManager” in the configuration, the Cisco CallManager database determines the appropriate time zone for the database server and then displays that time zone as replacement for the CallManager time zone.
Separator	Choose the separator character to use between the date fields.
Date Format	Choose the date format for the date that displays on the Cisco IP Phones.

Table 6-1 **Date/Time Group Configuration Settings (continued)**

Field	Description
Time Format	Choose a 12-hour or 24-hour time format.
Selected Phone NTP References (ordered by highest priority)	To ensure that a SIP phone gets its date and time configuration from an NTP server, add the phone NTP reference(s) to the date/time group. To add a phone NTP reference to the date/time group, perform the following tasks: 1. Click the Add Phone NTP References button. 2. Find the phone NTP reference(s) that you want to add, as described in the “Finding the Phone NTP References” section on page 8-1. Only phone NTP references that exist in the Cisco CallManager database display. For information on adding a phone NTP reference to Cisco CallManager Administration, see the “Configuring the Phone NTP References” section on page 8-2. 3. After the search results display, check the check boxes for the phone NTP references or click Select All. 4. Click Add Selected. After you add the phone NTP reference(s) to the date/time group, you can prioritize them, starting with the first reference that you want the phone to contact. For example, to move a reference to the top of the list, highlight the entry in the pane and click the Up arrow. To move a reference to the bottom of the list, highlight the entry in the pane and click the Down arrow. Tip To remove a phone NTP reference from the date/time group, highlight the server in the pane and click Remove Phone NTP References. Removing the phone NTP reference from the date/time group does not remove the phone NTP reference from the Cisco CallManager database.

Deleting a Date/Time Group

This section describes how to delete a date/time group from the Cisco CallManager database.

Before You Begin



Note

You cannot delete a date/time group that any device pool uses.

To find out which device pools use the date/time group, choose **Dependency Records** from the Related Links drop-down list box on the Date/Time Group Configuration window and click **Go**.

If the dependency records feature is not enabled for the system, the dependency records summary window displays a message that shows the action that you can take to enable the dependency records; the message also displays information about high CPU consumption that is related to the dependency records feature. For more information about dependency records, refer to the [“Accessing Dependency Records” section on page A-2](#).

If you attempt to delete a date/time group that is in use, Cisco CallManager displays an error message. Before deleting a date/time group that is currently in use, you must perform either or both of the following tasks:

- Assign a different date/time group to any device pools that use the date/time group that you want to delete. Refer to the [“Configuring a Device Pool” section on page 9-3](#).
- Delete the device pools that use the date/time group that you want to delete. Refer to the [“Deleting a Device Pool” section on page 9-7](#).

Procedure

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|---------------|--|
| Step 1 | Find the date/time group by using the procedure in the “Finding a Date/Time Group” section on page 6-1 . |
| Step 2 | From the list of matching records, choose the date/time group that you want to delete. |
| Step 3 | Click the Delete Selected Item icon that displays in the tool bar in the upper, left corner of the window (or click the Delete Selected button that displays at the bottom of the window) to delete the date/time group. |
| Step 4 | When prompted to confirm the delete operation, click either OK to delete or Cancel to cancel the delete operation. |
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Additional Information

See the [“Related Topics” section on page 6-6](#).

Related Topics

- [Date/Time Group Configuration, page 6-1](#)
- [Finding a Date/Time Group, page 6-1](#)
- [Configuring a Date/Time Group, page 6-3](#)
- [Date/Time Group Configuration Settings, page 6-4](#)
- [Deleting a Date/Time Group, page 6-5](#)
- [Finding the Phone NTP References, page 8-1](#)
- [Configuring the Phone NTP References, page 8-2](#)