



CHAPTER 57

Time of Day Access

An access list determines whether a call should be extended to a remote destination that is enabled for single-number reach. With the addition of time-based control, the Time-of-Day-Based Access List feature adds time as another determination factor. The feature allows administrators and users to determine whether a call should reach a remote destination based on the time of day when the call is received.

Cisco Unified Communications Manager currently relies on time periods and time schedules for the time-of-day routing feature. A time period comprises a time range that is defined by a start time and end time; a time period can also include a repetition interval either as days of the week or a specified date on the yearly calendar. A time schedule comprises a group of time periods. To remain consistent with the existing time-of-day routing feature, the time-of-day access list feature adopts the same concepts to provision time of day and to associate time schedules to access lists.



Note For more information on Time of Day Access, refer to the *Cisco Unified Communications Manager Features and Services Guide*.

You can use the Bulk Administration menu to insert, delete, and export Time of Day Access. You can perform the following tasks by using the Time of the Day Access menu in BAT:

- [Inserting Time of Day Access, page 57-1](#)
- [Deleting Time of Day Access, page 57-2](#)
- [Exporting Time of Day Access, page 57-3](#)

Inserting Time of Day Access

To insert Time of Day Access using BAT, use the following procedure:

Before You Begin

- You must have a data file in comma separated value (CSV) format that contains the unique details for the Time of Day Access.
- Upload the data files by choosing the relevant target and function for the transaction using the procedure that is mentioned in [“Uploading a File” section on page 2-3](#).

Procedure

- Step 1** Choose **Bulk Administration > Time of Day Access > Time of Day Access Insert**. The Insert Time of Day Access Configuration window displays.
- Step 2** From the File Name drop-down list box, choose the file that you uploaded.
- Step 3** To override the existing configuration, check the Override the existing configuration check box.
- Step 4** In the Job Information section, enter a description for the job. The default description specifies Insert Time of Day Access.
- Step 5** You can choose to run the job immediately or later by selecting the corresponding radio button.
- Step 6** To create a job for inserting the Time of Day Access, click **Submit**.
A message in the Status section lets you know that the job was submitted successfully.
- Step 7** To schedule and/or activate this job, use the Job Scheduler option in the Bulk Administration main menu.
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**Note**

Be aware that time schedules created for time-of-day remote destination alone can be used for time-of-day insert.

**Note**

You can create or edit the Time of Day .csv file through the BAT.xlt. See [“Creating a Text-Based CSV File for Time of Day Access”](#) section on page A-24 for details.

Additional Topics

See the [“Related Topics”](#) section on page 57-4

Deleting Time of Day Access

To delete Time of Day Access using BAT, use the following procedure:

Before you begin

- You must have a data file that contains the Time of Day Access names.
- Upload the data files by choosing the relevant target and function for the transaction using the procedure mentioned in [“Uploading a File”](#) section on page 2-3.

**Note**

Do not use the insert or export transaction files that are created with bat.xlt for the delete transaction. Instead, you must create a custom file with the time-of-day access details that need to be deleted. Use only this file for the delete transaction. In this custom delete file, you do not need a header, and you can enter values for name, description, or user.

Procedure

- Step 1** Choose **Bulk Administration > Time of Day Access > Time of Day Access Delete**. The Delete Time of Day Access Configuration window displays.

- Step 2** From the Delete Time of Day Access where name in custom file drop-down list box, choose the file that you uploaded for deleting Time of Day Access.
- Step 3** Click **Find**.
- Step 4** The Job Information section displays along with the selected Time of Day Access.
- Step 5** You can choose to run the job immediately or later by selecting the corresponding radio button.
- Step 6** To create a job for deleting the Time of Day Access, click **Submit**.
A message in the Status section lets you know that the job was submitted successfully.
- Step 7** Use the Job Scheduler option in the Bulk Administration main menu to schedule and/or activate this job.
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Additional Topics

See the [“Related Topics” section on page 57-4](#)

Exporting Time of Day Access

To export Time of Day Access by using BAT, use the following procedure:

Procedure

- Step 1** Choose **Bulk Administration > Time of Day Access > Time of Day Access Export**. The Time of Day Access Configuration window displays.
- Step 2** From the first Find Time of Day Access where drop-down list box, choose one of the following options.
- Name
 - Description
 - User
- Step 3** From the second Find Time of Day Access where drop-down list box, choose one of the following options.
- begins with
 - contains
 - ends with
 - is exactly
 - is empty
 - is not empty
- Step 4** Specify the appropriate search text, if applicable.
-  **Tip** To find all Time of Day Access records that are registered in the database, click **Find** without entering any search text.
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- Step 5** To further define your query, you can:
- a. Choose AND or OR from the drop-down box and repeat Steps 2 through 4.

- b. Add multiple filters by clicking the **+** button, and remove them by clicking the **—** button.
- c. Remove all the filters at once by clicking the **Clear Filter** button.

Step 6 Click **Find**.

A list of discovered files displays by

- Name
- Description
- User

Step 7 Click **Next**. The next Export Time of Day Access Configuration window displays.

Step 8 In the Export Time of Day Access section, enter a file name in the File Name field.

Step 9 From the File Format drop-down list box, choose Time of Day Access Format.

Step 10 You can choose to run the job immediately or later by selecting the corresponding radio button in the Job Information section.

Step 11 To create a job for exporting the Time of Day Access, click **Submit**.

A message in the Status section lets you know that the job was submitted successfully.

Step 12 To schedule and/or activate this job, use the Job Scheduler option in the Bulk Administration main menu.

Additional Topics

See the [“Related Topics” section on page 57-4](#)

Related Topics

- [Inserting Time of Day Access, page 57-1](#)
- [Deleting Time of Day Access, page 57-2](#)
- [Exporting Time of Day Access, page 57-3](#)
- [Creating a Text-Based CSV File for Time of Day Access, page A-24](#)