



## CAR System Event Log

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CAR provides logs that you can use to track the status of the various activities. The event log tracks events that the CAR Scheduler triggers, such as automatically generated reports, loading of CDRs, report deletions, and database purging.

The event log provides a report on the status of the activities that the CAR Scheduler controls. The event log report shows whether the tasks started, completed successfully, or are in progress.

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## Generate Event Log

This section describes how to generate the event log report. The event log includes a list of tasks/reports that are scheduled on a daily, weekly, or monthly basis.

This release of Unified Communications Manager introduces the Task Monitor and Database Maintenance as new features.

TaskMonitor monitors the status of other jobs and cleans up Informix Dynamic Server (IDS) memory when necessary by using the IDS command “onmode -F.” DatabaseMaintenance runs the IDS-recommended optimized database maintenance “update statistics” procedures.

Task Monitor begins about 1 minute after the Scheduler starts, and 1 minute after the Scheduler repopulates the schedules every day at midnight (00.00). The Task Monitor periodically (every 5 minutes) monitors the status of all jobs for the day from the tbl\_event\_log with the exception of the following jobs: PopulateSchedules, TaskMonitor, DatabaseMaintenance, and DailyCdrLoad.

When a task does not start on schedule because a previous task is still running, you may see something like the following trace message:

```
2008-02-14 08:00:04, 602 WARN [main] services. Scheduler - runTasks(): Job [DailyCdrLoad] thread is busy, hence it will be removed from today's schedule and not be started!"
```

The Scheduler gives a grace period to periodically sleep for 10 seconds and then check whether the task thread is complete. The Scheduler sleeps up to 2 minutes total. If the task thread is not complete after the 2 minutes of wait, the next task gets removed from the current schedule, and does not run until its next scheduled time.

The following table displays the list of tasks/reports and how often they are scheduled.

**Table 1: Task List**

<b>Task</b>	<b>Scheduled</b>
CDR Load	Daily
Task Monitor <sup>1</sup>	Daily
Database Maintenance <sup>2</sup>	Daily
QoS Notification	Daily
Charge Limit Notification	Daily
Database Alert	Daily
Delete Reports	Daily
Database Purge	Daily
Traffic Summary - Hour of Day	Daily
Top N Charge	Daily
Top N Duration	Daily
Top N Calls	Daily
Conference - Detail	Daily
Traffic Summary - Day of week	Weekly
Conference Bridge Utilization - Day of week	Weekly
Voice Messaging Utilization - Day of week	Weekly
Route Pattern/Hunt Pilot Utilization - Day of week	Weekly
Route/Hunt List Utilization - Day of week	Weekly
Route Group Utilization - Day of week	Weekly
Gateway Utilization - Day of week	Weekly
Line Group Utilization - Day of week	Weekly
QoS Summary	Monthly
Gateway Summary	Monthly
Traffic Summary - Day of month	Monthly
System Overview	Monthly
Department Bill Summary	Monthly

Task	Scheduled
Individual Bill Summary	Monthly
Top N Charge	Monthly
Top N Duration	Monthly
Top N Calls	Monthly
Conference - Summary	Monthly

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## Procedure

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**Step 1** Choose **System > Log Screens > Event Log**.

The Event Log window displays.

**Step 2** Click the **Daily** radio button to choose daily jobs, the **Weekly** radio button to choose weekly jobs, or the **Monthly** radio button to choose monthly jobs.

**Step 3** In the List of Jobs area, choose the tasks for which you want information.

**Step 4** To add the chosen task to the Selected Jobs area, click the right arrow icon.

**Step 5** To remove tasks from the Selected Jobs area, choose the task that you want removed and click the left arrow icon.

**Step 6** To add tasks with a different frequency, repeat the previous steps. For example, you can have daily reports and reports that include monthly or weekly tasks.

**Step 7** Choose the status to include in the report. You must choose at least one status as described in the following table.

**Note** The system chooses the status of each event log report by default.

**Table 2: Event Log Report Status**

Status	Description
Complete	If this check box is checked, the event log report includes tasks that are complete.
In Progress	If this check box is checked, the event log report includes tasks that are currently in progress.

<sup>3</sup> The system automatically configures and executes the Task Monitor, which is an internal task, on a daily basis.

<sup>4</sup> Database Maintenance represents an internal task that the system automatically configures and executes on a daily basis.

Status	Description
Interrupted	If this check box is checked, the event log includes tasks that have been interrupted, either manually by an administrator, or by an administrative process such as a DRS backup.
Unsuccessful	If this check box is checked, the event log report includes tasks that have failed.
Scheduled	If this check box is checked, the event log report includes tasks that have been scheduled but have not yet started.

**Note** When the Scheduler restarts, all unfinished jobs with a status of Scheduled get deleted. Current jobs with the status of In Progress or Scheduled get changed to Interrupted.

**Step 8** Choose a date range by choosing From and To values.

**Step 9** To generate the event log report, click the **OK** button.  
The event log displays information about the chosen tasks.

**Step 10** Print the log by right-clicking on the screen and choosing **Print**.

**Note** A grace period of up to 2 minutes gets provided, so an in-process job can finish before the next schedule job is scheduled to begin.

## Output of Event Log Report

*Table 3: Event Log Report Output*

Parameter	Description
SI No	Serial number
Jobs	Name of the task
Start Time	Time the task starts
End Time	Time the task ends
Status	Unsuccessful, in progress, completed
Date	Date the task is scheduled

## Related Topics

- [Generate CDR Analysis and Reporting](#)

- [Report Configuration](#)
- [CAR Rating Engine](#)
- [CAR Reports QoS Values](#)
- [CAR Reports Notification Limits](#)

## Additional Documentation

- [Administration Guide for Cisco Unified Communications Manager](#)
- [Cisco Unified Serviceability Administration Guide](#)
- [Cisco Unified Communications Manager Call Detail Records Administration Guide](#)

