

Managing Recurring and Onetime System Tasks

OPSCOM utilizes both recurring and onetime system tasks to automate various back-end processes, such as data synchronization, report generation, or system clean-up. This article guides OPSCOM administrators on how to access, monitor, enable, and disable these critical system tasks, ensuring efficient operation and maintenance of the OPSCOM environment.

Accessing System Tasks

1. Click **Tools (the Toolbox)**, then click **View System Task Logs**.
2. On the **Scheduled Tasks** page, there are two sections, Recurring tasks and Onetime tasks. From this screen we can see stats on when the task has run and how long it took to run. We can also enable or disable tasks from running.

The **Scheduled Tasks** page is divided into two main sections: **Recurring tasks** and **Onetime tasks**. For each task listed, administrators can view its status, statistics, and manage its execution.

Key Information Displayed

- **Task Name:** The name of the system task.
- **Last Run:** The timestamp of the last time the task was executed.
- **Next Run:** The scheduled timestamp for the next execution of the task.

- **Average Duration:** The average time it takes for the task to complete its execution.
- **Enabled Status:** Indicates whether the task is currently active and configured to run.

Available Actions & Buttons

- **Enabled Checkbox:**
 - Click the **Enabled** checkbox next to any task to **toggle** its status.
 - **Enable** (check the box) a task to allow it to run according to its schedule.
 - **Disable** (uncheck the box) a task to prevent it from running.
- **Logs Button:**
 - Click the **Logs** button for any task to view a pop-up window.
 - This window provides detailed information and historical logs about the task's past executions, including success/failure status and specific output.

Please be aware, there are other settings that may be important to set correctly before enabling any system task.

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Jessica @ Tomahawk ▼

Recurring Tasks

Task	Enabled	Next Fire Time	Last Fire Time	Frequency	Logs	Stats ?
GAE - INCIDENT image upload	<input checked="" type="checkbox"/> Enabled	1 hour ago	1 hour ago	Every 5 minutes	Logs 99+	0.22 8.43
GAE - VIOLATIONS image upload	<input checked="" type="checkbox"/> Enabled	1 hour ago	1 hour ago	Every 5 minutes	Logs 99+	0.28 11.68
Parking Logix Sensors	<input type="checkbox"/> Enabled	Never	Never	Every 5 minutes	Logs	
text2parkme /reminders.php	<input checked="" type="checkbox"/> Enabled	51 minutes ago	56 minutes ago	Every 5 minutes	Logs 99+	0.22 9.34
Vehicle Violation Update	<input type="checkbox"/> Enabled	1 month ago	1 month ago	Every 30 minutes	Logs 99+	0.97 5.82
Vehicle Violation Update	<input checked="" type="checkbox"/> Enabled	Now	Never	Every 30 minutes	Logs	
Violation Notices	<input type="checkbox"/> Enabled	8 months ago	Never	Runs at 09:10 pm	Logs	

Recurring Tasks

Task	First Fire Time	Last Fire Time	Status	Logs	Stats ?
Invoice Generation: 602e8010c9920	2 months ago	2 months ago	Completed	Logs 1	10.23 10.23
Invoice Generation: 5c755c8608933	Never	Never	Completed	Logs	
Invoice Generation: 5c7067cd70693	Never	Never	Completed	Logs	
Invoice Generation: 5c7064d97647f	Never	Never	Completed	Logs	
Invoice Generation: 5c7064d0e1e43	Never	Never	Completed	Logs	
Invoice Generation: 5c706408c16a9	Never	Never	Completed	Logs	
Permit Rollover: 5aff13eb4fa8a	Never	Never	Completed	Logs	

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Best Practices & Considerations

- **Monitor Task Logs Regularly:** Periodically review the **Logs** for critical system tasks to ensure they are running successfully and completing without errors. This helps in proactive identification and

resolution of potential issues.

- **Understand Task Impact:** Familiarize yourself with the purpose and function of each system task before enabling or disabling it, as they can affect data integrity, system performance, or automated processes.
- **Scheduled Maintenance:** Coordinate the scheduling of onetime tasks with periods of low system activity to minimize any potential impact on user experience.

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