



CHAPTER 52

Task Manager

Cisco Prime Fulfillment provides a Task Manager that allows you to view pertinent information about both current and expired tasks of all types, and to create and schedule new tasks, delete specified tasks, and delete the active and expired tasks.

This section contains the following subsections:

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Tasks

This section contains the following topics:

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- [Create, page 52-2](#)
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- [Schedules, page 52-5](#)
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Starting Task Manager

To start Task Manager, click **Operate > Tasks > Task Manager**. The Tasks list page appears, as shown in [Figure 52-1](#).

Figure 52-1 Task Manager Window

#	Task Name	Type	Targets	Schedule	User Name	Created on
1	SLA Creation 2011-02-17 13:07:00.0	SLA Creation		Single run at 2011-02-17 13:07:00.0	admin	2011-02-17 12:50:27.246
2	Collect Config 2011-02-01 07:53:41.49	Collect Config	Device : iscind-7609-1	Single run at 2011-02-01 07:54:00.0	admin	2011-02-01 07:53:54.06

Showing 1 - 2 of 2 records

Rows per page: 10

Auto Refresh: ☒

Create Audit Details Schedules Logs Delete

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The Tasks window displays information about each task by **Task Name**, **Type**, **Targets**, **Schedules** date and time, the **User Name** who created those tasks, and the date **Created on**. To view, schedule, or delete the listed tasks, check the corresponding check box.

New Tasks can also be created or audited using this window.

Create

To create a new task, follow these steps:

Step 1 From the Task Manager Window, as shown in [Figure 52-1](#), click **Create**. From the resulting drop-down list, you can choose from the following and that choice becomes the **Type** in [Figure 52-2](#).

- **Collect Config**—Collects configuration from devices.
- **Collect Config From Files**—Collects configurations from files for Prime Diagnostics only.
- **Enable Disable VFW Traps**—Enable or disable the VFW traps.
- **L2VPN (L2TPv3) Functional Audit**—
- **Password Management**—Manages user passwords and SNMP community strings.
- **SLA Collection**—Collects data from SLA enabled devices.
- **Service Deployment**—Deploys an existing SR.
- **TE Full Discovery**—
- **TE Incremental Discovery**—
- **TE Interface Performance**—Calculates tunnel and interface bandwidth utilization using SNMP.

Figure 52-2 Create Tasks

Step 2 **Name**—Enter the name of the task. You can accept the default value.

Step 3 **Type**—Defined in [Step 1](#).

Step 4 **Description** (optional)—Enter a description.

Step 5 **Task Configuration Method** (default: **Simplified**)—Choose **Simplified** or **Advanced (via wizard)**. If you choose **Simplified**, you can make many selections in one window. If you choose **Advanced (via wizard)**, you navigate through many windows to make your selections.

Step 6 Click **Next** to continue.

Depending on what type of task you select, the Task Devices, Task Service Requests, or Configurations File Directory page appears, as shown in [Figure 52-3](#), [Figure 52-4](#), and [Figure 52-5](#), respectively, with variations.

Figure 52-3 Task Devices

Service Deployment Task

Deployment Task : Service Deployment 2011-02-17 13:31:30.288

Service Requests *	Select
Options:	☐ Force Deployment ☒ Provision and Audit ☐ Regenerate IPsec Pre-shared Keys
Schedule:	☒ Now ☐ Later ☐ None
Task Owner:	☐ Customer ☐ Provider ☒ None

Submit Cancel

Note: * - Required Field

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Figure 52-4 Service Deployment Task

Service Deployment Task

Deployment Task : Service Deployment 2011-03-01 22:12:08.853

Service Requests *	Select
Options:	☐ Force Deployment ☒ Provision and Audit ☐ Regenerate IPsec Pre-shared Keys
Schedule:	☒ Now ☐ Later ☐ None
Task Owner:	☐ Customer ☐ Provider ☒ None

Submit Cancel

Note: * - Required Field

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Figure 52-5 Collect Config From Files

Collect Config Task

Collect Config Task: Collect Config From Files 2011-03-01 22:13:29.245

Configuration File Directory	
Schedule:	☒ Now ☐ Later ☐ None
Task Owner:	☐ Customer ☐ Provider ☒ None

Submit Cancel

Note: * - Required Field

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Step 7 Where appropriate, click **Select/Deselect** to add devices or service requests.



Note [Step 7](#) to [Step 10](#) do not apply for Collect Config From Files and TE Interface Performance.

Step 8 In the resulting selection window, select the devices or service requests and click **Select**.

The selected devices or service requests appear in [Figure 52-3](#), [Figure 52-4](#), or [Figure 52-5](#), respectively.

Step 9 **Groups** might or might not appear depending on the task you specify in the previous step. If it does appear, you can add groups of devices, similarly to [Step 7](#) and [Step 8](#). If it does not appear or after you complete this device group selection, proceed to [Step 10](#).

Step 10 Choose the **Options**.

If the **Retrieve Interfaces** check box is checked, Prime Fulfillment uses Simple Network Management Protocol (SNMP) to retrieve device interface information, such as ifIndex, and so on. If the **Retrieve Interfaces** check box is unchecked, configuration collection information is still retrieved, but SNMP is not used. All scenarios other than doing IP Service Level Agreement (SLA) probes do not require SNMP or this option.

Step 11 If **Configuration File Directory** appears, enter the path to the directory on your Prime Fulfillment server into the **Configuration File Directory** text box, to indicate the directory on the Prime Fulfillment server where the offline configuration files are stored.

Step 12 For **Schedule**, click **Now**, **Later**, or **None**. If you choose **Later**, a Later Schedule category appears. You are then required to click the **Edit** button and the Task Scheduler page appears, as shown in [Figure 52-6](#).

Figure 52-6 Task Schedule Details

Task Schedule

Run Type

Single run: ☒ Now ☐ Once

Periodic Run: ☐ Minute ☐ Hourly ☐ Daily ☐ Weekly ☐ Monthly

Periodic Run Attributes

Run Interval:

Run Limits:

Start Date and Time

Date:

Time:

End Date and Time (Default is unlimited)

Date:

Time:

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Step 13 Select information to schedule the task and click **OK** (default is to schedule **Now**).

Step 14 Click **Submit** to continue.

The new task is added to the list of tasks.

Audit

To get audit information, click **Audit** from the **Tasks** page, as shown in [Figure 52-1](#). From the resulting drop-down list, you can choose from the following and that choice becomes the **Type** in [Figure 52-2](#):

- **Config Audit**—Compares Prime Fulfillment generated configlet against the one in the device.
- **L2VPN (L2TPv3) Functional Audit**—Audits L2TPv3 functionality.
- **MPLS Functional Audit**—Audits MPLS functionality.
- **TE Functional Audit**—Checks the Label-Switch Path (LSP) on a router against the LSP stored in the repository.

Details

To get details about a particular task, follow these steps:

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- | | |
|---------------|--|
| Step 1 | From the Tasks page, as shown in Figure 52-1 , check a check box for one task for which you want to see a detailed list of information. |
| Step 2 | Click Details . |
| Step 3 | Click OK to return to Figure 52-1 . |
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Schedules

To change the scheduling of an existing task, follow these steps:

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- | | |
|---------------|---|
| Step 1 | From the Tasks page, as shown in Figure 52-1 , check a check box for the one task for which you want to reset the scheduling directions. |
| Step 2 | Click Schedules . |
| Step 3 | If you want to delete this task, proceed to Step 4 . If you want to reset the scheduling directions, proceed to Step 5 . |
| Step 4 | In the new window, check the check box for the task you want to delete and click the Delete button. Then proceed to Step 7 . |
| Step 5 | In the new window, click Create , and you receive a window as shown in Figure 52-6 . |
| Step 6 | Make the new scheduling selections you want and click Save to reset the scheduling directions. |
| Step 7 | Uncheck any check boxes and click OK to return to Figure 52-1 . |
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Logs

This selection from the **Tasks** page, as shown in [Figure 52-1](#), is another way of doing what is explained in the “[Task Logs](#)” section on [page 52-6](#).

Delete

To delete one or more tasks, follow these steps:

- Step 1

From the **Tasks** page, as shown in [Figure 52-1](#), check one or more check boxes for the task(s) you want to delete.

You receive a confirmation window.
- Step 2

If you want to delete, click **OK**. If not, click **Cancel**.
- Step 3

You return to an updated **Tasks** page, as shown in [Figure 52-1](#).

Task Logs

Task Logs can be used to understand the status of a task, whether it completed successfully. You can also use the Task Logs to troubleshoot why a task has failed. To view the Task Logs, follow these steps:

- Step 1

Click Operate > **Tasks** > **Task Logs**.

The Task Logs window appears, as shown in the [Figure 52-7](#).

Figure 52-7 Task Logs



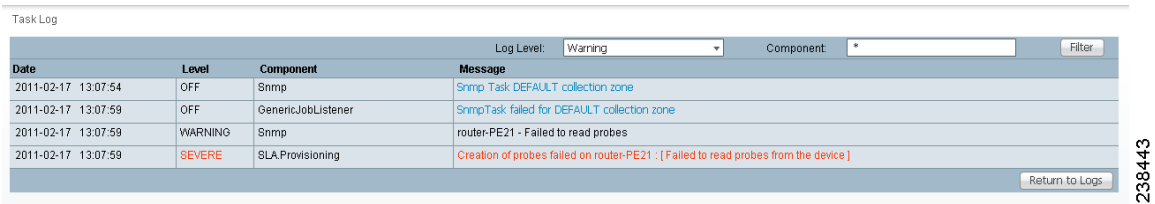
This window displays the task by **Runtime Task Name**, and the **Action**, **Start Time**, **End Time**, and the **Status** of the task. You can use this window to view or delete the logs.

- Step 2

To view the log, check the check box for the row that represents the task and click the **View Log** button.

The Task Log page appears, as shown in [Figure 52-8](#), “Task Log.”

Figure 52-8 Task Log



It is possible to set the types of log level you want to view. Specify the Log Level and click on the Filter button to view that information you want to view.

Step 3 Click **Return to Logs** to specify another log to view.

