



Monitoring Your Devices

As the network administrator, when you come in to work, you want to see how your network devices are operating and be aware of any changes that might have occurred during your absence.

While checking the standard reports in Syslog, you notice a number of CPU hog messages for a particular device and launch CiscoView to monitor the chassis-level information.

What You Need—Prerequisites

In this scenario, you will use these applications:

- Availability
- Syslog Analysis

Before you can monitor devices, make sure that these tasks have been completed:

- Availability views you want to poll are configured (select **Resource Manager Essentials > Administration > Availability > Change Polling Options**).
- Custom reports, in addition to the standard reports, for specific syslog data that you want to monitor are configured (select **Resource Manager Essentials > Administration > Syslog Analysis > Define Custom Report**).

For a complete description of the required tasks, refer to the online help.

How To Do It—Procedures

To monitor devices in your network:

1. Determine Current Network Availability
2. View the Latest Syslog Messages
3. View a Custom Report

The purpose of this scenario is to show you how you can use specific applications to perform these tasks. This will help you understand how to use the applications to perform similar tasks in your network.

Determine Current Network Availability

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- Step 1** Select **Resource Manager Essentials > Availability > Availability Monitor**. The Select Devices dialog box displays the view being monitored for availability.
- Step 2** Select the applicable view from the Views column.
- Step 3** Select the devices you want to monitor from the Device column, then click **Add**. The selected devices are added to the Selected Devices column.
- Step 4** Click **Finish**. The Availability Monitor report appears.
The down arrows on the Availability Monitor report represent unreachable devices; the up arrows represent reachable devices.
- Step 5** The Availability Monitor report contains several links for each device. Click on any of these links for details:
- Device Reachability (%)—to view the corresponding Device Reachability Trend graph.
 - Response Time (ms)—to view the Response Time report.
 - Interface Status—to view the Device Finder, which displays information about the selected device.
- Step 6** Click **Close**.
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View the Latest Syslog Messages

- Step 1** Select **Resource Manager Essentials > 24-Hour Reports > Syslog Messages**. The Syslog 24-Hour report appears with the standard reports listed.
 - Step 2** When you check the CPU Hog report, you see a device that has used too many CPU cycles. Click on the device name. The Device Center appears.
 - Step 3** Click **CiscoView** from the Device Info column to launch the CiscoView application, and use it to monitor the chassis-level information for the device. For details on using CiscoView, refer to the CiscoView online help.
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View a Custom Report

- Step 1** Select **Resource Manager Essentials > Syslog Analysis > Custom Reports**. The Custom Reports dialog box appears.
 - Step 2** Select the applicable view from the Views column.
 - Step 3** Select the devices you want to include in the report from the Device column, then click **Add**. The selected devices are added to the Selected Devices column.
 - Step 4** Click **Next**. The Select Report Name and Dates dialog box appears.
 - Step 5** Select the report name and date, then click **Finish**. The report appears. You can print the report or save it as a CSV or as a plain text file.
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Where You Should End Up—Verification

After you determine the overall availability of your network devices, review the most recent syslog messages, and review any custom reports you have created, you should have a complete picture of the state of your network.

Throughout the work day, you can continue to monitor network device availability:

Step 1 Select **Resource Manager Essentials > Availability > Reachability Dashboard**. The Reachability Dashboard displays a report for each view.

The Reachability Dashboard refreshes automatically every minute. Therefore, you can keep it on your desktop to receive constant updates. The down arrows represent unreachable devices and the up arrows represent reachable devices.

Step 2 Click the Device Name links to access the Device Center for details.

Step 3 Click **Close** when you want to close the report.
