EventTracker
Logging in Depth

Integrating Dell OpenManage

EventTracker

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About this guide

This guide helps you in configuring **Dell OMSA** and EventTracker to receive Dell OMSA events. You will find the detailed procedures required for monitoring Dell OMSA.

Intended audience

Administrators who are assigned the task to monitor and manage events using EventTracker.

Scope

The configurations detailed in this guide are consistent with EventTracker Enterprise version 7.X and later, and Dell OMSA 6.5 and later.

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Dell OpenManage

The Dell OpenManage Server Administrator (OMSA) provides a comprehensive, one-to-one systems management solution in two ways: from an integrated, web browser-based graphical user interface (GUI) and from a command line interface (CLI) through the operating system. Server Administrator is designed for system administrators to manage systems locally and remotely on a network. It allows system administrators to focus on managing their entire network by providing comprehensive one-to-one systems management.

Overview

To monitor Dell OpenManage in EventTracker, configure Dell OpenManage to send all events as Syslog to the EventTracker system.

Pre-requisite

- EventTracker should be installed.
- Dell OpenManage should be installed on server 2008 or later
  (OR)

- Dell OpenManage should be installed on Linux Server.

Configure Dell OpenManage to forward all the logs to EventTracker

Dell OpenManage in Windows server

1. Install EventTracker agent on server where dell openmanage is installed.

Dell OpenManage in Linux server to send logs to EventTracker

1. Open and edit file **/etc/syslog.conf** in VI Editor.
2. Add following line at last.

. @10.0.0.3:514 NOTE: Here IP address is EventTracker machine's IP.

3. Press **Esc** key and enter **:wq** to save the file.
4. Restart the syslog service.

 # /etc/init.d/syslog

EventTracker Knowledge Pack

Once Dell OMSA events are enabled and Dell OMSA events are received in EventTracker, Alerts and Reports can be configured in EventTracker.

The following Knowledge Packs are available in EventTracker to support Dell OMSA monitoring

Categories

- **Dell OMSA: All events**– This category based report provides information related to all events of Dell OpenManage Server Administrator.
- **Dell OMSA: Array disk error**– This category based report provides information related to array disk error.

- **Dell OMSA: Automatic system recovery**– This category based report provides information related to automatic system recovery.

- **Dell OMSA: Battery sensor**– This category based report provides information related to battery sensor.

- **Dell OMSA: BIOS update schedule**– This category based report provides information related to BIOS update schedule.

- **Dell OMSA: Chassis intrusion**– This category based report provides information related to chassis intrusion.

- **Dell OMSA: Chassis management controller**– This category based report provides information related to chassis management controller.

- **Dell OMSA: Cooling device**– This category based report provides information related to cooling device.

- **Dell OMSA: Current sensor**– This category based report provides information related to current sensor.

- **Dell OMSA: Disk error**– This category based report provides information related to disk error.

- **Dell OMSA: Enclosure**– This category based report provides information related to enclosure.

- **Dell OMSA: Firmware**– This category based report provides information related to Firmware.

- **Dell OMSA: Hardware log sensor**– This category based report provides information related to hardware log sensor.

- **Dell OMSA: Log backup and clear**– This category based report provides information related to log backup and clear.

- **Dell OMSA: Memory device**– This category based report provides information related to memory device

- **Dell OMSA: Physical disk**– This category based report provides information related to physical disk.

- **Dell OMSA: Pluggable device**– This category based report provides information related to pluggable device.

- **Dell OMSA: Power cord**– This category based report provides information related to power cord.

- **Dell OMSA: Power supply**– This category based report provides information related to power supply.

- **Dell OMSA: Processor sensor**– This category based report provides information related to processor sensor.

- **Dell OMSA: RAID and SCSI controller error**– This category based report provides information related to RAID and SCSI controller error.

- **Dell OMSA: Redundancy unit**– This category based report provides information related to redundancy unit.

- **Dell OMSA: Server administrator status**– This category based report provides information related to server administrator status.

- **Dell OMSA: Temperature sensor**– This category based report provides information related to temperature sensor.

- **Dell OMSA: Virtual disk**– This category based report provides information related to Virtual disk.

- **Dell OMSA: Voltage sensor**– This category based report provides information related to voltage sensor.

Alerts

- **DELL OMSA: Chasis intrusion alert**– This alert is generated when chasis intrusion.

- **DELL OMSA: Chassis management controller alert**– This alert is generated when chassis management controller.

- **DELL OMSA: Device added or removed alert**– This alert is generated when device added or removed.

- **DELL OMSA: Memory device error alert**– This alert is generated when memory device error.

- **DELL OMSA: Pluggable device configuration error**– This alert is generated when

- **DELL OMSA: Power supply failure alert**– This alert is generated when power supply failure.

- **DELL OMSA: Processor sensor alert**– This alert is generated when processor sensor.

- **DELL OMSA: Redundancy failure alert**– This alert is generated when redundancy failure.

- **DELL OMSA: Sensor failed**– This alert is generated when sensor failed.

- **DELL OMSA: Storage management critical alert**–   This alert is generated when storage management critical.

- **DELL OMSA: System battery failure**– This alert is generated when system battery failure

Import Dell OMSA knowledge pack into EventTracker

1. Launch **EventTracker Control Panel**.

2. Double click **Export Import Utility**, and then click **Import** tab.

   Import **Category/Alert/Tokens/ Flex Reports** as given below.

Import Category

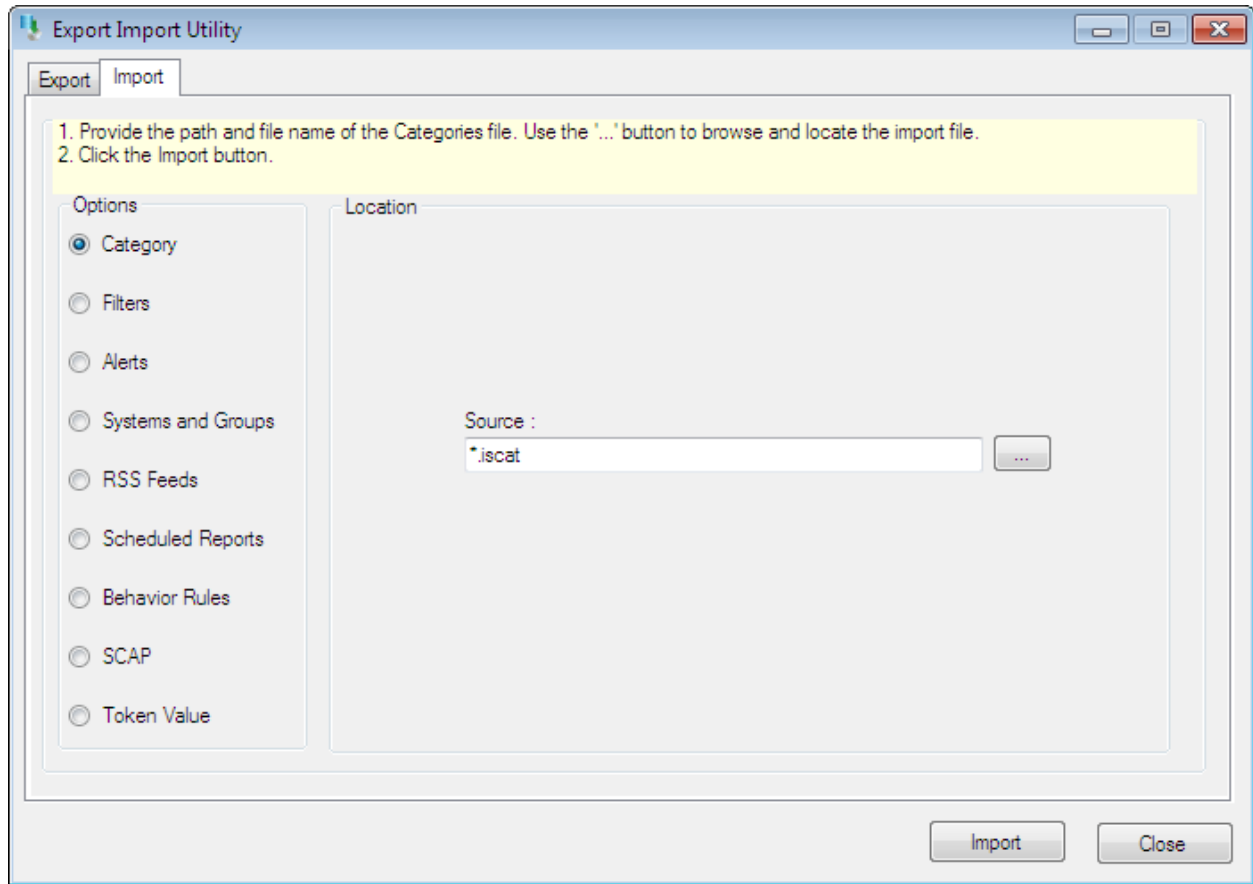1. Click **Category** option, and then click the browse ⬚ button.

Figure 1

2. Locate **All Dell OMSA group of Categories.iscat** file, and then click the **Open** button.

3. To import categories, click the **Import** button.
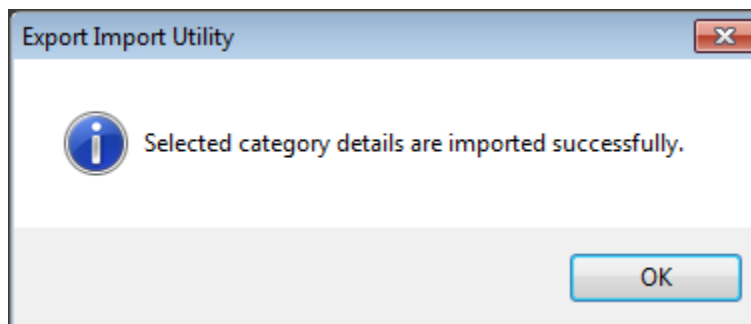
   EventTracker displays success message.

Figure 2

4. Click **OK,** and then click the **Close** button.

Import Alerts

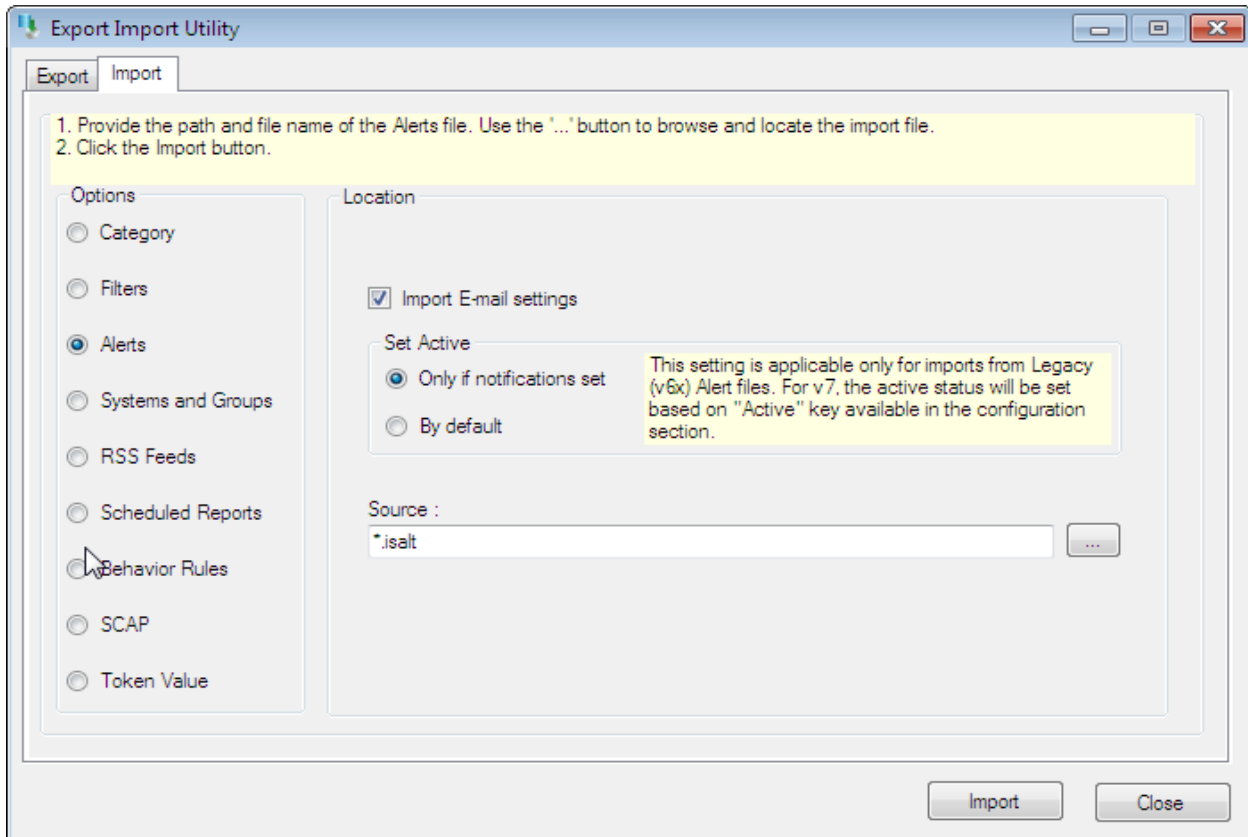1. Click **Alerts** option, and then click the **browse** [...] button.

Figure 3

2. Locate **All Dell OMSA group of Alerts.isalt** file, and then click the **Open** button.

3. To import alerts, click the **Import** button.
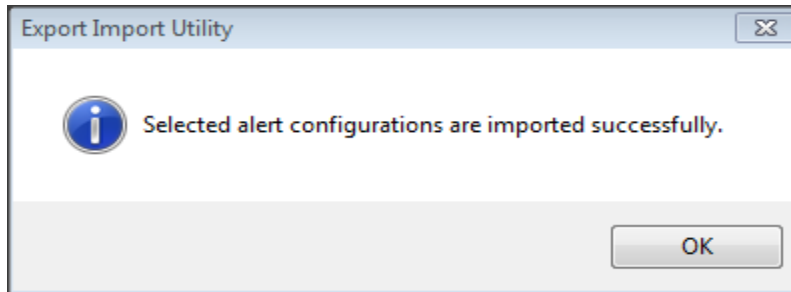
   EventTracker displays success message.

4. Click **OK**, and then click the **Close** button.

Verify Dell OMSA knowledge pack in EventTracker

1. Logon to **EventTracker Enterprise**.

2. Click the **Admin** menu, and then click **Categories**.

3. In **Category Tree** to view imported categories, scroll down and expand **Dell OMSA** group folder to view the imported categories.
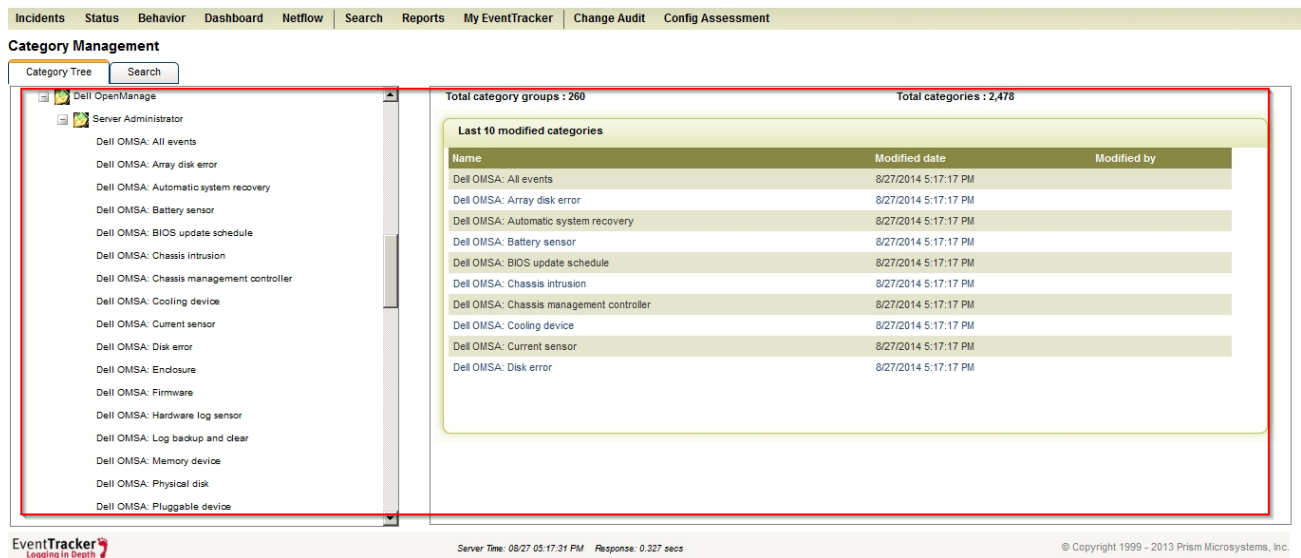
Verify Dell OMSA Alerts

1. Logon to **EventTracker Enterprise**.

2. Click the **Admin** menu, and then click **Alerts**.

   3. In **Search** field, type **'Dell OMSA'**, and then click the **Go** button.

   Alert Management page will display all the imported Dell OMSA alerts.
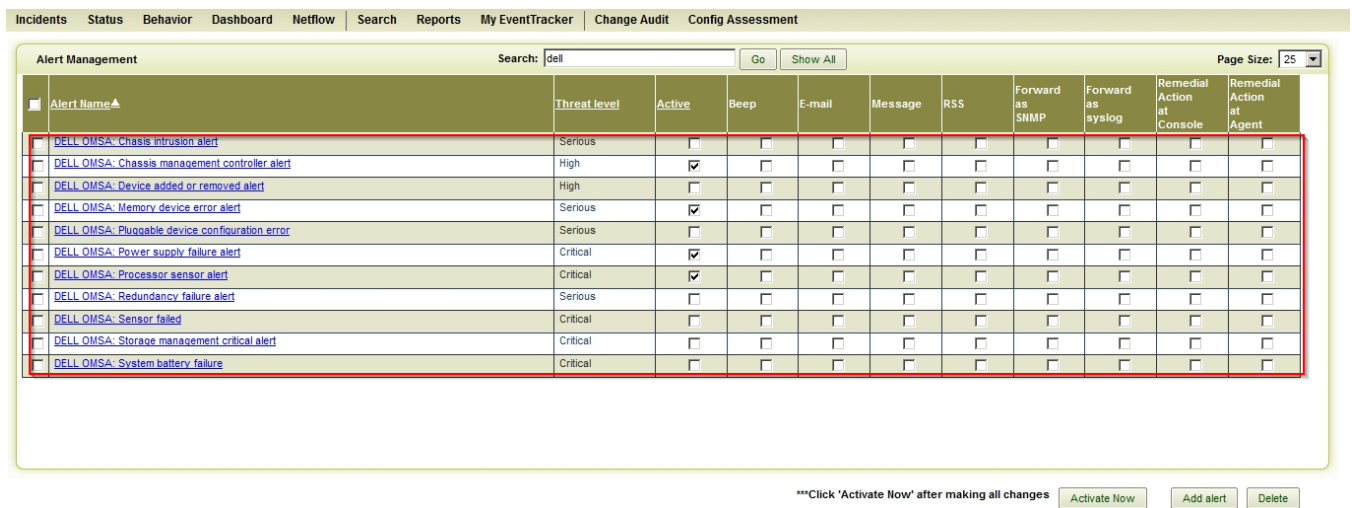

Figure 6

4. To activate the imported alerts, select the respective checkbox in the **Active** column.
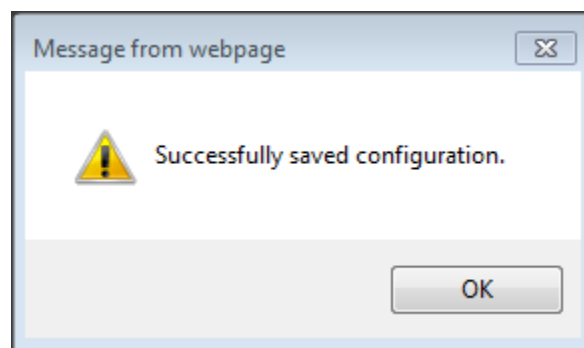
   EventTracker displays message box.

Figure 7

5. Click **OK**, and then click the **Activate Now** button.

   NOTE:

   You can select alert notification such as Beep, Email, and Message etc. For this, select the respective checkbox in the Alert management page, and then click the **Activate Now** button.