

RSA NetWitness Logs

Event Source Log Configuration Guide



Extreme Networks Switch

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Event Source Product Information:

Vendor: [Extreme Networks](#)

Event Source: Extreme Network Switch (formerly Enterasys Switch)

Versions: S-Series

RSA Product Information:

Supported On: NetWitness Suite 10.0 and later

Event Source Log Parser: enterasysswitch

Collection Method: Syslog

Event Source Class.Subclass: Network.Switch

To configure the Extreme Networks Switch event source, you must:

- I. Configure Syslog Output on Extreme Networks Switch
- II. Configure RSA NetWitness Suite for Syslog Collection

Configure Syslog Output on Extreme Networks Switch

The following procedure describes how to configure Syslog output on your device.

To configure Extreme Networks Switch to send logs to RSA NetWitness Suite:

1. Log on to the Enterasys Switch using Telnet, SSH, or Command Line interface.
2. To forward syslog messages to RSA NetWitness Suite, enter the following command:

```
set logging server 1 ip-addr NW-ip-address state enable
```

where **NW-ip-address** is the IP address of the RSA NetWitness Log Decoder or Remote Log Collector

3. To set the syslog settings, enter the following command strings:

```
set logging application RtrAcl level 8
set logging application CLI level 8
set logging application SNMP level 8
set logging application SNMP level 8
set logging application Webview level 8
set logging application System level 8
set logging application RtrFe level 8
set logging application Trace level 8
set logging application RtrLSNat level 8
set logging application FlowLimt level 8
set logging application UPN level 8
set logging application AAA level 8
set logging application Router level 8
set logging application AddrNtfy level 8
set logging application OSPF level 8
set logging application VRRP level 8
set logging application RtrArpProc level 8
set logging application LACP level 8
```

```
set logging application RtrNat level 8
set logging application RtrTwcb level 8
set logging application HostDoS level 8
set policy syslog extended-format enable
```

The Extreme Networks S-Series Switch event source is now configured to send logs to RSA NetWitness Suite.

Configure RSA NetWitness Suite

Perform the following steps in RSA NetWitness Suite:

- Ensure the required parser is enabled
- Configure Syslog Collection

Ensure the Required Parser is Enabled

If you do not see your parser in the list while performing this procedure, you need to download it in RSA NetWitness Suite Live.

Ensure that the parser for your event source is enabled:

1. In the **NetWitness** menu, select **Administration > Services**.
2. In the Services grid, select a Log Decoder, and from the Actions menu, choose **View > Config**.
3. In the Service Parsers Configuration panel, search for your event source, and ensure that the **Config Value** field for your event source is selected.

Note: The required parser is **enterasysswitch**.



Configure Syslog Collection

Note: You only need to configure Syslog collection the first time that you set up an event source that uses Syslog to send its output to NetWitness.

You should configure either the Log Decoder or the Remote Log Collector for Syslog. You do not need to configure both.

To configure the Log Decoder for Syslog collection:

1. In the **NetWitness** menu, select **Administration > Services**.
2. In the Services grid, select a Log Decoder, and from the Actions menu, choose **View > System**.
3. Depending on the icon you see, do one of the following:

- If you see  **Start Capture**, click the icon to start capturing Syslog.
- If you see  **Stop Capture**, you do not need to do anything; this Log Decoder is already capturing Syslog.

To configure the Remote Log Collector for Syslog collection:

1. In the **NetWitness** menu, select **Administration > Services**.
2. In the Services grid, select a Remote Log Collector, and from the Actions menu, choose **View > Config > Event Sources**.
3. Select **Syslog/Config** from the drop-down menu.

The Event Categories panel displays the Syslog event sources that are configured, if any.

4. In the Event Categories panel toolbar, click **+**.

The Available Event Source Types dialog is displayed.

5. Select either **syslog-tcp** or **syslog-udp**. You can set up either or both, depending on the needs of your organization.
6. Select the new type in the Event Categories panel and click **+** in the Sources panel toolbar.

The Add Source dialog is displayed.

7. Enter **514** for the port, and select **Enabled**. Optionally, configure any of the Advanced parameters as necessary.

Click **OK** to accept your changes and close the dialog box.

Once you configure one or both syslog types, the Log Decoder or Remote Log Collector collects those types of messages from all available event sources. So, you can continue to add Syslog event sources to your system without needing to do any further configuration in NetWitness.

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