

RSA NetWitness Logs

Event Source Log Configuration Guide



Juniper Networks NetScreen ScreenOS

Last Modified: Wednesday, November 8, 2017

Event Source Product Information:

Vendor: [Juniper Networks](#)

Event Source: NetScreen Firewall ScreenOS

Versions: 5.1, 5.3, 5.4, 6.x

Note: RSA is qualifying support for the major version. In case of any configuration changes or logs not parsing in a minor version, please open a case and we will add support for it.

RSA Product Information:

Supported On: NetWitness Suite 10.0 and later

Event Source Log Parser: netscreen

Collection Method: Syslog

Event Source Class.Subclass: Security.Firewall

To configure the Juniper Networks NetScreen ScreenOS event source, you must:

- I. Configure Syslog Output on Juniper Networks NetScreen ScreenOS
- II. Configure RSA NetWitness Suite for Syslog Collection

Configure Syslog Output on Juniper Networks NetScreen ScreenOS

You must configure both ISG1000 and SSG350M to send Syslog to RSA NetWitness Suite.

To configure ISG1000 to send logs to RSA NetWitness:

1. Log on to the ISG1000 web console.

Note: The default user name is **netscreen**, and the default password is **netscreen**.

2. Click **Configuration > Report Settings > Syslog**.
3. Ensure that **Enable syslog messages** is selected.
4. Select the appropriate **Source interface**, for example **ethernet0/0**.
5. Ensure that **Enable Syslog servers**, **Event Log**, and **Traffic Log** are selected.

Note: Do not select **TCP**.

6. Set the following values:
 - In the **IP/Hostname** field, enter the IP address of the RSA NetWitness Log Decoder or Remote Log Collector.
 - Ensure that the **Port** field is set to **514**.
 - From the **Security Facility** drop-down list, select **LOCAL0**.
 - From the **Facility** drop-down list, select **LOCAL0**.
7. Click **Apply**.

To configure SSG350M to send logs to RSA NetWitness:

1. Log on to the SSG350M web console.

Note: The default user name is **netscreen**, and the default password is **netscreen**.

2. Click **Configuration > Report Settings > Syslog**.
3. Ensure that **Enable syslog messages** is selected.
4. Select the appropriate **Source interface**, for example **ethernet0/0**.

5. Ensure that **Enable Syslog servers**, **Event Log**, and **Traffic Log** are selected.

Note: Do not select **TCP**.

6. Set the following values:
 - In the **IP/Hostname** field, enter the IP address of the RSA NetWitness Log Decoder or Remote Log Collector.
 - Ensure that the **Port** field is set to **514**.
 - From the **Security Facility** drop-down list, select **LOCAL0**.
 - From the **Facility** drop-down list, select **LOCAL0**.
7. Click **Apply**.

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 **netscreen**.



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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