

RSA NetWitness Logs

Event Source Log Configuration Guide



Juniper Networks NetScreen Firewall

Last Modified: Monday, October 9, 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 Firewall event source, you must:

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

Configure Syslog Output on Juniper Networks NetScreen Firewall

You can configure Syslog output using either the web or command-line interface.

Note: The RSA NetWitness Suite Log Decoder or Remote Log Collector must be on the TRUSTED side of the NetScreen device to collect syslog (unless a VPN connection is created).

To set up Syslog Output through the NetScreen Web User Interface:

1. Open a web browser and log on to the NetScreen Administration interface.
2. Click **Configuration > Report Settings > Syslog** in the left menu bar.
3. Select the following check boxes:
 - Enable Syslog Messages
 - Enable Syslog server
 - Event Log
 - Traffic Log
4. In the **IP/Hostname** field, type the IP address of the RSA NetWitness Log Decoder or Remote Log Collector.
5. Ensure that **Syslog Host Port** is set to **514**.
6. For both the **Security Facility** and **Facility** fields, in the drop-down lists, select **LOCAL7**.
7. Apply the changes.

To set up Syslog Output through the NetScreen Command Line Interface (CLI)

1. Log on to the NetScreen console with administrative credentials.
2. Type the following sequence of configuration commands:
 - a. Set syslog **config IP-of-the-server auth/sec local7 debug**, where *IP-of-the-server* is the IP address of the RSA NetWitness Log Decoder or Remote Log Collector.
 - b. Set syslog **port 514**.

- c. Set syslog **src-interface** Interface-to-use-for-sending-syslog-packets
 - d. Set syslog **traffic**.
 - e. Set syslog **enable**.
3. Save the changes.

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.

Copyright © 2017 EMC Corporation. All Rights Reserved.

Trademarks

RSA, the RSA Logo and EMC are either registered trademarks or trademarks of EMC Corporation in the United States and/or other countries. All other trademarks used herein are the property of their respective owners.