

RSA NetWitness Platform

Event Source Log Configuration Guide



Jenkins

Last Modified: Tuesday, May 21, 2019

Event Source Product Information:

Vendor: [Jenkins](#)

Event Source: Jenkins

Versions: 1.58, 1.8.x, 2.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 Platform 10.0 and later

Event Source Log Parser: jenkins

Collection Method: Syslog

Event Source Class.Subclass: Host.Application Servers

To configure the Jenkins event source, you must:

- I. Configure Syslog Output on Jenkins
- II. Configure RSA NetWitness Platform for Syslog Collection

Configure Syslog Output on Jenkins

To configure Jenkins to send logs, install and configure the following plug-ins:

- The Audit Trail Plug-in
- The Syslog Logger Plug-in

Set up the Audit Trail plug-in on Jenkins:

1. Install the Audit Trail plug-in on the Jenkins instance.
2. Configure the Audit Trail Plug-in as follows:
 - a. Click **Manage Jenkins > Configure System**.
 - b. In the **Audit Trail** section of the **System Configuration** page, select **Syslog server** from the **Add Logger** drop-down list.
 - c. In the **Syslog server** section, enter values as shown in the following table:

Field	Value
Syslog Server Hostname	Enter the IP address of the RSA NetWitness Log Decoder or Remote Log Collector.
Syslog Server Port	Enter the port (typically 514) which the RSA NetWitness Platform syslog collector listens for incoming messages.
Syslog network protocol	Select the protocol, UDP or TCP .
Syslog message format	Select the format, RFC_3164 or RFC_5424 .
Syslog App Name	Enter jenkins-audit .
Message Hostname	Specify the host name.
Syslog Facility	Select User .

- d. Click **Advanced**.
- e. In the URL Patterns to Log field, enter **".*/*" (including the quotation marks)**.

- f. Check the **Log how each build is triggered** check box.
- g. Click **Save**.

Set up the Syslog logger plug-in on Jenkins:

1. Install the Syslog Logger plug-in on the Jenkins instance.
2. Configure the Syslog Logger plug-in as follows:
 - a. Click **Manage Jenkins > Configure System**.
 - b. In the **Syslog server** section of the page, enter values as shown in the following table:

Field	Value
Syslog Server Hostname	Enter the IP address of the RSA NetWitness Log Decoder or Remote Log Collector.
Syslog Server Port	Enter the port (typically 514) which the RSA NetWitness Platform syslog collector listens for incoming messages.
Syslog Logging Handler Filter Level	Select FINE from the drop-down list.

- c. Click **Advanced**, and enter values as shown in the following table:

Field	Value
Syslog network protocol	Select the protocol, UDP or TCP .
Syslog message format	Select the format, RFC_3164 or RFC_5424 .
Syslog App Name	Enter jenkins-system .
Message Hostname	Specify the host name.
Syslog Facility	Select User .

- d. Click **Save**.

Configure RSA NetWitness Platform

Perform the following steps in RSA NetWitness Platform:

- 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 Platform Live.

Ensure that the parser for your event source is enabled:

1. In the **NetWitness** menu, select **ADMIN > 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 **jenkins**.



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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