

# RSA NetWitness Logs

## Event Source Log Configuration Guide



## SonicWALL Firewall

Last Modified: Monday, November 6, 2017

### Event Source Product Information:

**Vendor:** [SonicWALL](#)

**Event Source:** Firewall (alerting only)

**Versions:** SonicOS 5.8 and SonicOS Enhanced 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:** sonicwall

**Collection Method:** Syslog

**Event Source Class.Subclass:** Security.Firewall

To configure Syslog collection for SonicWALL Firewall you must:

- I. Configure Syslog Output on SonicWALL Firewall
- II. Configure NetWitness Suite for Syslog Collection

# Configure Syslog Output on SonicWALL Firewall

**Note:** NetWitness Suite 10.0 and later only supports alerting for this device.

SonicWALL is able to write extremely detailed event log information to an external Syslog server. Syslog is an industry standard protocol used for capturing log information for devices on a network. SonicWALL's Syslog captures all screen log activity, plus every connection's source and destination IP addresses, IP service, and number of bytes transferred. SonicWALL's Syslog support requires an external server running a Syslog daemon on UDP Port 51. Type the Syslog server's name or IP address in the Syslog Server field.

Default format provides detailed syslog event information, such as network location and port numbering.

Depending on your SonicWALL version, perform one of the following tasks:

- Set Up SonicWALL version 6.x, or
- Set Up SonicWALL versions up to and including 5.8

## Set Up SonicWALL Version 6.x

1. Log on to the SonicWALL Network Security Appliance.
2. Click **Log** (located on the left of the menu).
3. Click the **Syslog** tab .
4. In the Syslog server, click **Add**.
5. Type the IP address of the RSA NetWitness Log Decoder or Remote Log Collector
6. Keep default **514** for the Syslog Server port.
7. Click **OK**
8. Click the **Accept** button on the top of the main page.

## Set Up SonicWALL Versions Up To and Including 5.8

1. Log on to the SonicWALL appliance.
2. Click **Log** (located on the left of the menu).
3. Click the **Log Settings** tab on the top of the menu.
4. In the **Syslog Server** field, enter the IP address of the RSA NetWitness Log Decoder or Remote Log Collector.
5. Type **514** for the Syslog Server port.
6. Select **Default** for the Syslog format.
7. Select **All Categories** to log.
8. Click **Update** (located at the bottom of the menu).

## Configure RSA NetWitness Suite

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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 **sonicwall**.



### 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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