

RSA NetWitness Logs

Event Source Log Configuration Guide



Brocade FastIron Switch

Last Modified: Friday, January 27, 2017

Event Source Product Information:

Vendor: [Brocade](#)

Event Source: FastIron Switch

Version: FGS624P-STK

RSA Product Information:

Supported On: NetWitness Suite 10.0 and later

Event Source Log Parser: brocadeswitch

Collection Method: Syslog

Event Source Class.Subclass: Network.Switch

To configure the Brocade FastIron Switch event source, you must:

- I. Configure Syslog Output on Brocade FastIron Switch
- II. Configure RSA NetWitness Suite for Syslog Collection

Configure Syslog Output on Brocade FastIron Switch

To configure Brocade FastIron Switch:

1. Using the command line interface through a Telnet connection, type:

```
telnet@FGS624P Switch>enable
```

Note: You will be prompted to enter your password if you have a password configured.

```
telnet@FGS624P Switch#configure terminal
telnet@FGS624P Switch(config)#logging on
telnet@FGS624P Switch(config)#logging host <the IP address of the
RSA NetWitness Log Decoder or Remote Log Collector>
telnet@FGS624P Switch(config)#logging facility local0
telnet@FGS624P Switch(config)#logging buffered 100
telnet@FGS624P Switch(config)#logging enable config-changed
telnet@FGS624P Switch(config)#logging enable user-login
telnet@FGS624P Switch(config)#write mem
telnet@FGS624P Switch(config)#write terminal
telnet@FGS624P Switch(config)#exit
telnet@FGS624P Switch(config)#reload
Are you sure? (enter 'y' or 'n'): y
```

2. After the FastIron Switch restarts, to verify the log settings, type:

```
telnet@FGS624P Switch(config)#show configuration
telnet@FGS624P Switch(config)#show logging
```

3. Set the clock setting to be current so that the FastIron Switch tracks logs. Using the command line interface through a Telnet connection, type:

```
telnet@FGS624P Switch(config)#enable
```

Note: You will be prompted to enter your password if you have a password configured.

```
telnet@FGS624P Switch#configure terminal
telnet@FGS624P Switch(config)#clock timezone us eastern
telnet@FGS624P Switch(config)#write memory
telnet@FGS624P Switch(config)#write terminal
telnet@FGS624P Switch#exit
telnet@FGS624P Switch#clock set hh:mm:ss mm-dd-yyyy
telnet@FGS624P Switch#write mem
telnet@FGS624P Switch#write terminal
telnet@FGS624P Switch#show clock
```

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 **brocadeswitch**.

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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