NetWitness® Platform

Cyber Ark Event Source Log Configuration Guide

NETWITNESS
Platform

Contact Information

NetWitness Community at https://community.netwitness.com contains a knowledge base that answers common questions and provides solutions to known problems, product documentation, community discussions, and case management.

Trademarks

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November 2024

Cyber-Ark

Last Modified: Tuesday, September 9, 2025

Event Source Product Information:

Vendor: Cyber-Ark

Event Source:

- Privileged Identity Management Suite: versions 7.x, 9.x, 10.x, 12.1
- Privileged Account Security Solution: versions 8.x and 9.x

Versions: 7.x, 8.x, 9.x, 10.x, 12.1

Additional Downloads: SecurityAnalytics.xsl, RFC5424Changes.xsl

RSA Product Information:

Supported On: NetWitness Platform 12.3 and later

Event Source Log Parser: cyberark

Collection Method: Syslog

Event Source Class.Subclass: Security.Access Control

To configure Syslog collection for the Cyber-Ark event source, you must:

I. Configure Syslog Output on Cyber-Ark

II. Configure RSA NetWitness Platform for Syslog Collection

Configure Syslog Output on Cyber-Ark

To configure Cyber-Ark:

1. Navigate to the Cyber-Ark Suite additional downloads space on the NetWitness Community: https://community.netwitness.com/s/article/Cyber-ArkPrivilegedAccountSecuritySolutionandPrivilegedIdentityManagementSuite-RSANetWitnessParserSourcePackage.
2. Download the **CyberArk.zip** archive, and extract **SecurityAnalytics.xsl** and **RFC5424Changes.xsl**.
3. Save the files to the Cyber-Ark installation folder: `/Server/Syslog`.

   Note: The contents of **RFC5424Changes.xsl** get imported into **SecurityAnalytics.xsl**.
4. Log on to the Cyber-Ark appliance with administrator credentials.
5. Open the Cyber-Ark installation folder.
6. In the **dbparm.ini** file, ensure that the following parameters are set:

Field	Action
SyslogServerIP	Enter the IP address of the NetWitness Log Decoder or Remote Log Collector.
Server Port	Type **514**.
SyslogMessageCodeFilter	This field designates the messages that are sent from the Vault to NetWitness Platform through the Syslog protocol. You can accept the default (all message codes are sent for users and secure activities), or select individual IDs. To specify individual IPs, use commas to separate individual messages or ranges of messages. For example, `SyslogMessageCodeFilter=1,2,5-10`.
SyslogTranslatorFile	Enter `Syslog\SecurityAnalytics.xsl` This is the location of the translator file used to generate logs in syslog format and send to NetWitness Platform.
UseLegacySyslogFormat	Enter **No**.
SyslogServerProtocol	Select **UDP** or **TCP**.

7. Restart the Cyber-Ark service:
   a. From the desktop of the Vault Server, click the PrivateArk Server icon.

      The Server Central Administrator launches
   b. Click **Stop/Start** to restart the Cyber-Ark service.

Note: On selecting TCP, if you are unable to receive the logs properly, update the **SecurityAnalytics.xsl** file with **<xsl:text>
</xsl:text>** in between **</xsl:for-each>** and **</xsl:template>**. For more information, see https://cyberark-customers.force.com/s/article/00004289.

Configure NetWitness Platform for Syslog Collection

Perform the following steps in 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 available:

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 **cyberark**.

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 only need to configure either the Log Decoder or the Remote Log Collector for Syslog, not both.

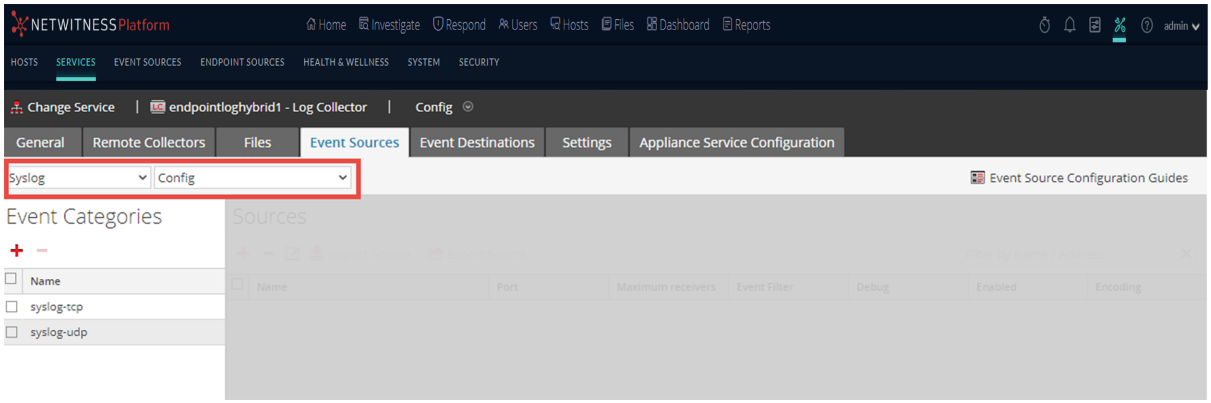
To configure Log Decoder for Syslog Collection

1. In the NetWitness Platform menu, select  (Admin) > **Services**.
2. In the **Services** grid, choose 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  , click the icon to start capturing Syslog.
   - If you see  , you do not need to do anything; this Log Decoder is already capturing Syslog.

To configure Remote Log Collector for Syslog Collection

1. In the NetWitness Platform menu, go to (Admin) > **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.

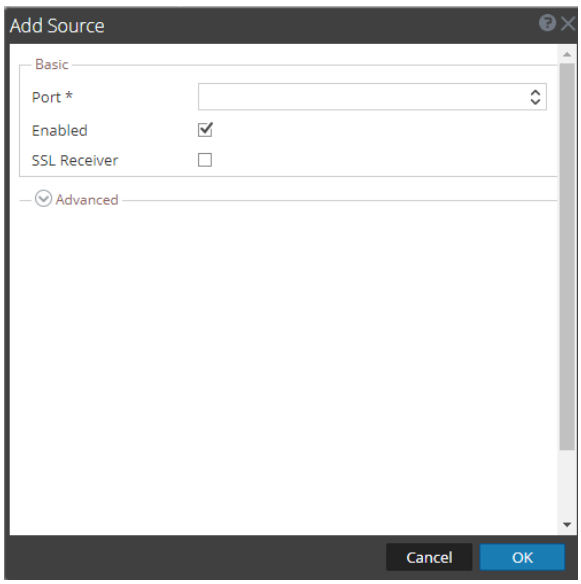


4. In the **Event Categories** panel toolbar, click +.

   The **Available Event Source Types** dialog will appear.

5. Choose either **syslog-tcp** or **syslog-udp**. You can set up either or both, depending on the needs of your organization.
6. Choose the **New Type** in the **Event Categories** panel and click + in the **Sources** panel toolbar.

   The **Add Source** dialog will appear.



7. Enter **514** for the port and choose **Enabled**. Optionally, configure any of the Advanced parameters as necessary.

   Click **OK** to accept your changes and close the dialog box.

After you configure one or both syslog types, the Log Decoder or Remote Log Collector collects those types of messages from all available event sources. You can continue to add Syslog event sources to your system without a need to do any further configuration in NetWitness Platform.