

NetWitness[®] Platform XDR

Symantec Endpoint Security Events Plugin Event Source Log Configuration Guide

Symantec Endpoint Security Events Plugin

Event Source Product Information:

Vendor: [BROADCOM](#)

Event Source: [Symantec Endpoint Security](#)

Versions: 14.3.x

NetWitness Product Information:

Supported On: NetWitness Platform 12.2 and later

Event Source Log Parser: symantec_endpointsecurity

Collection Method: Plugin Framework

Event Source Class.Subclass: Host.Cloud

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.

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Introduction

Endpoint security plays a major role in securing endpoints of end-user devices such as desktops, laptops, and mobile devices from being exploited by malicious actors or intruders. The endpoint security space has evolved over the last several years away from limited antivirus software into a more advanced, comprehensive defense.

Symantec Endpoint Security, a cloud-managed software, delivers multilayer protection to stop threats, regardless of how they attack your endpoints. Symantec Endpoint Security provides security on Windows, Mac, and Linux. For more information, see <https://techdocs.broadcom.com/us/en/symantec-security-software/endpoint-security-and-management/endpoint-security/sescloud/Getting-Started/what-is-v129161010-d4161e112.html>.

Integrate Symantec Endpoint Security with the NetWitness Platform XDR

To create client credentials:

1. Login to the Symantec Endpoint Security console.
2. Go to **Integration > Client Applications**.
3. Click **Add Client Application**.
4. Enter the name of the application and click the **Add** button.
The client application details view is displayed.
5. Select the privileges for the client application. Click **Save**.
6. Click the ellipsis and select **Client Secret**.
Make sure the credentials have the permission to run commands remotely.
7. Click the **copy** icon and copy the credentials.

To create and enable event stream, see [Create Event Stream](#).

For more information, see [Generating your bearer token](#) and [Event Streaming](#).

Note: The API used to get the events from Symantec endpoint security console [Event Stream API](#).

Setup the Symantec Endpoint Security Events plugin in the NetWitness Platform XDR

In the NetWitness Platform XDR, perform the following tasks:

- [Deploy the symantec_es_events Files from Live.](#)
- [Configure the symantec_es_events Plugin in the NetWitness Platform XDR.](#)

Deploy the symantec_es_events Files from Live

Symantec Endpoint Security Events plugin requires resources available in Live to collect logs.

To deploy the symantec_es_events content from live:

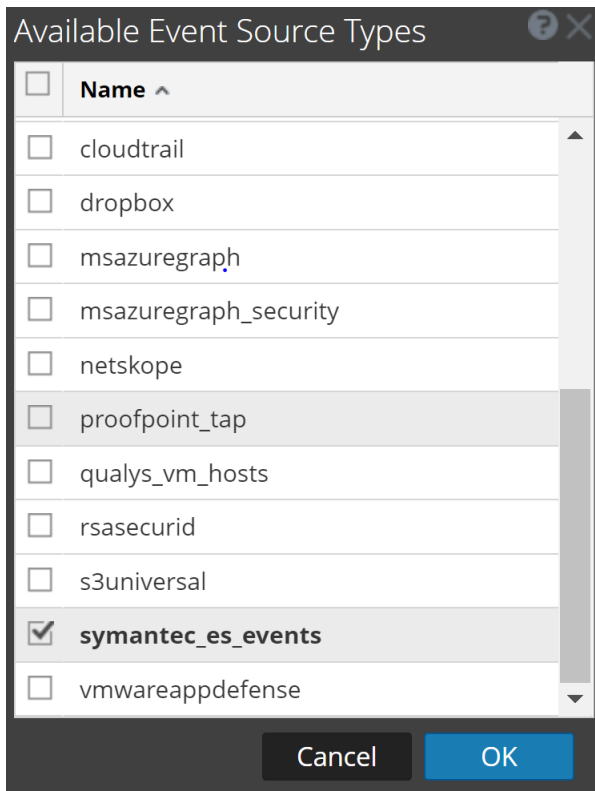
1. In the NetWitness Platform XDR menu, **Configure > Live**. Browse Live for Symantec Endpoint Security Events plugin by typing **symantec_es_events** into the Keywords text box and click **Search**.
2. Select the result returned from the Search.
3. Click **Deploy** to deploy the Universal Rest API Plugin to the appropriate Log Collectors, using the Deployment Wizard.
4. Log Parser **Symantec_endpointsecurity** has been added as required resources of **Symantec_es_events** Plugin in NetWitness Live. Deploy the parser to appropriate Log Decoders when you deploy the plugin log collection file.

For more details, see the [Add or Update Supported Event Source Log Parsers](#) topic, or the *Live Services Management Guide* on NetWitness Link.

Configure the symantec_es_events Plugin in the NetWitness Platform XDR

Perform the following steps to configure the symantec_es_events plugin in the NetWitness Platform

1. In the NetWitness Platform XDR menu, select **Admin > Services**.
2. In the **Services** grid, select a Log Collector service, and from the **Actions** (⚙️) menu, choose **View > Config > Event Sources**.
3. In the **Event Sources** tab, select **plugins** from the drop-down menu.
The **Event Categories** panel displays the File event sources that are configured, if any.
4. In the **Event Categories** panel, click +.
The **Available Event Source Types** dialog is displayed.



5. Select **symantec_es_events** from the list and click **OK**. The newly added event source type is displayed in the **Event Categories** panel.
6. Select the **new type** in the **Event Categories** panel and click + in the **Source** panel.
The **Add Source** dialog is displayed.

The screenshot shows the 'Add Source' dialog box with the following fields and controls:

- Name ***: Text input field.
- Enabled**: Checkmark .
- Client ID ***: Text input field.
- Client Secret ***: Text input field containing asterisks (masked).
- Stream GUID ***: Text input field.
- Channel ID ***: Text input field.
- Use Proxy**: Checkmark .
- Proxy Server**: Text input field.
- Proxy Port**: Text input field.
- Proxy User**: Text input field.
- Proxy Password**: Text input field containing asterisks (masked).
- Source Address ***: Text input field.
- Test Connection**: Button.
- Cancel**: Button.
- OK**: Button.

7. Define parameter values, as described in [Symantec Endpoint Security Events Collection Configuration Parameters](#).
8. Click **Test Connection**. The result of the test is displayed in the dialog box. If the test is not successful, edit the device or service information based on the message displayed and retry.

Note: The log collector takes approximately **60** seconds to return the test results. If it exceeds the time limit, the test times out and the NetWitness Platform XDR displays a **Request Timed Out** Error. It is recommended to start the plugin even if the test connection times out and then check the log for errors.

9. If the test is successful, click **OK**. The new event source is displayed in the **Sources** panel.
10. Repeat steps 4–9 to add another instance of Symantec_es_events plugin type.

Symantec Endpoint Security Events Collection Configuration Parameters

This section describes the Symantec_es_events plugin configuration parameters.

Note: Fields that are followed by an asterisk (*) are required.

Basic Parameters

Name	Description
Name *	Enter an alpha-numeric, descriptive name for the source. This value is only used for displaying the name on this screen.
Enabled	Select the checkbox to enable the event source configuration to start collection. The checkbox is selected by default.
Client ID *	Client ID used to connect to event export stream API.
Client Secret *	Client Secret used to connect to event export stream API.
Stream GUID*	The unique identifier of the channel that streams the events.
Channel ID*	Channel ID used to stream events.
Use Proxy	Select the checkbox to enable proxy.
Proxy Server	If you are using a proxy, enter the proxy server address.
Proxy Port	Enter the proxy port.
Proxy User	Username for the proxy (leave empty if using an anonymous proxy).
Proxy Password	Password for the proxy (leave empty if using an anonymous proxy).
Source Address*	The IP address that is to be given to the Symantec Endpoint Security plugin instance (Logs from this event source will be collected with this device IP).
Test Connection	Checks the configuration parameters specified in this dialog to make sure they are correct.

Advanced Parameters

Click **Advanced** to view and edit the advanced parameters, if necessary.

Name	Description
Polling Interval	<p>Interval (amount of time in seconds) between each poll. The default value is 180. For example, if you specify 180, the collector schedules a polling of the event source every 180 seconds. If the previous polling cycle is still underway, the collector waits for that cycle to finish. If you have a large number of event sources that you are polling, it may take longer than 180 seconds for the polling to start because the threads are busy.</p> <p>Note: Set this value to 600 seconds for the <code>symantec_es_events</code> plugin.</p>
Max Duration Poll	The maximum duration, in seconds, of a polling cycle. A zero value indicates no limit. The default is set to 600 . We recommend setting this value to 1800 to reduce the no of API calls.
Max Events Poll	The maximum number of events per polling cycle (how many events collected per polling cycle).
Max Idle Time Poll	The maximum duration, in seconds, of a polling cycle. A zero value indicates no limit.
Command Args	Optional arguments to be added to the script invocation.
Debug	<p>Caution: Only enable debugging (set this parameter to On or Verbose) if you have a problem with an event source and you need to investigate this problem.</p> <p>Caution: Enabling debugging will adversely affect the performance of the Log Collector.</p> <p>Enables or disables debug logging for the event source. Valid values are:</p> <ul style="list-style-type: none"> • Off = (default) disabled • On = enabled • Verbose = enabled in verbose mode - adds thread information and source context information to the messages. <p>This parameter is designed for debugging and monitoring isolated event source collection issues. If you change this value, the change takes effect immediately (no restart required). The debug logging is verbose, so limit the number of event sources to minimize performance impact.</p>

Name	Description
SSL Enable	Uncheck to disable certificate verification.

Getting Help with NetWitness Platform

Self-Help Resources

There are several options that provide you with help as you need it for installing and using NetWitness:

- See the documentation for all aspects of NetWitness here: <https://community.netwitness.com/t5/netwitness-platform/ct-p/netwitness-documentation>.
- Use the **Search** and **Create a Post** fields in NetWitness Community portal to find specific information here: <https://community.netwitness.com/t5/netwitness-discussions/bd-p/netwitness-discussions>.
- See the NetWitness Knowledge Base: <https://community.netwitness.com/t5/netwitness-knowledge-base/tkb-p/netwitness-knowledge-base>.
- See the documentation for Logstash JDBC input plugin here: <https://www.elastic.co/guide/en/logstash/current/plugins-inputs-jdbc.html>.
- See Troubleshooting section in the guides.
- See also [NetWitness® Platform Blog Posts](#).
- If you need further assistance, [Contact NetWitness Support](#).

Contact NetWitness Support

When you contact NetWitness Support, please provide the following information:

- The version number of the NetWitness Platform or application you are using.
- Logs information, even source version, and collection method.
- If you have problem with an event source, enable **Debug** parameter (set this parameter to **On** or **Verbose**) and collect the debug logs to share with the NetWitness Support team.

Use the following contact information if you have any questions or need assistance.

NetWitness Community Portal	https://community.netwitness.com In the main menu, click Support > Case Portal > View My Cases .
International Contacts (How to Contact NetWitness Support)	https://community.netwitness.com/t5/support/ct-p/support
Community	https://community.netwitness.com/t5/netwitness-discussions/bd-p/netwitness-discussions

Feedback on Product Documentation

You can send an email to feedbacknwdocs@netwitness.com to provide feedback on NetWitness Platform documentation.