RSA NetWitness Platform

Event Source Log Configuration Guide

Symantec Web Security Services Plugin

Last Modified: Friday, December 24, 2021

Event Source Product Information:

Vendor: BROADCOM
Event Source: Symantec Web Security Service
Versions: v1.0

RSA Product Information:

Supported On: NetWitness Platform 11.5.0 and later
Event Source Log Parser: symantec_wss
Collection Method: Plugin Framework
Event Source Class.Subclass: Host.Cloud

Introduction

Increasing web use, rapid cloud adoption, and more significant numbers of mobile and remote users are exposing your network to additional risk. Symantec Web Security Service (WSS) is an indispensable line of defense against modern day cyber threats. It provides secure web services, enables enterprises to control access, protects users from threats, and secures their sensitive data.

The Web Security Service offers two APIs (Download and Sync) for obtaining access log data from the cloud. The Download API restricts a client from receiving partial hour data, thus obtaining log data from the current hour is not possible with this API. The Sync API is an enhancement to the Download API. It allows a web client to obtain recently hardened log data from the cloud by downloading the current hour in smaller up-to-the-minute segments.

This plugin uses the sync API to capture real-time access log data.

Setup the Symantec WSS plugin in the NetWitness Platform

In the RSA NetWitness Platform, perform the following tasks:

- Deploy the symantecwss package from Live
- Configure the symantecwss plugin in the NetWitness Platform UI

Deploy symantecwss files from Live

Symantec WSS plugin requires resources available in Live to collect logs.

To deploy the symantecwss content from live:

1. In the RSA NetWitness Platform menu, select **Live**. Browse Live for Universal Rest API plugin by typing **symantecwss** 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_wss** has been added as required resources of symantecwss Plugin in RSA 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 RSA Link.

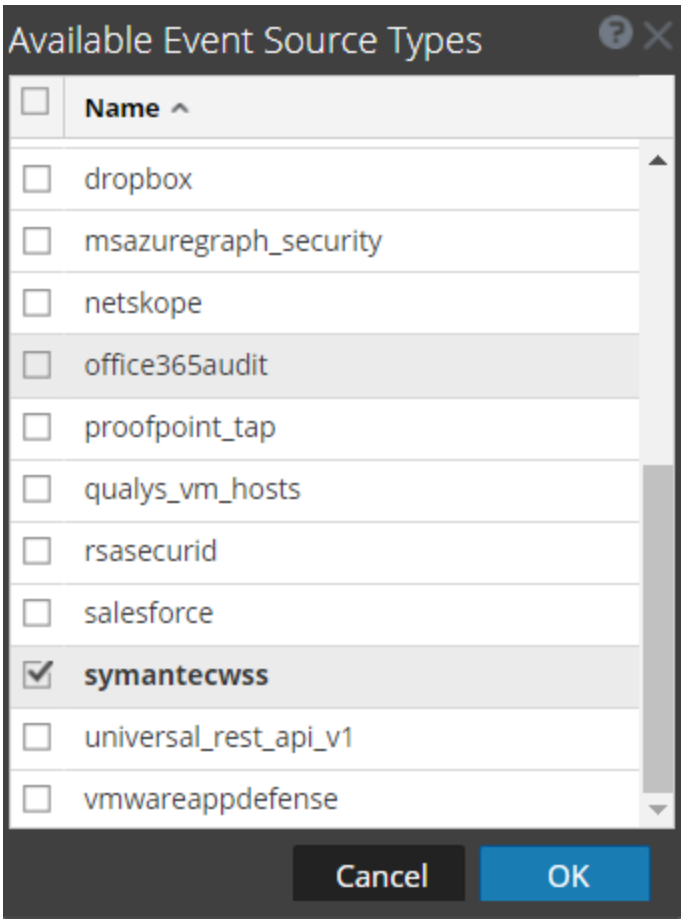
Configure the symantecwss plugin in the NetWitness Platform UI

Perform the following steps to configure the symantecwss plugin in the NetWitness Platform UI

1. In the RSA NetWitness Platform menu, select **ADMIN** > **Services**.
2. In the **Services** grid, select a Log Collector service, and choose **Config** option from the **System** menu.
3. In the **Event Sources** tab, select **plugins** from the drop-down menu.

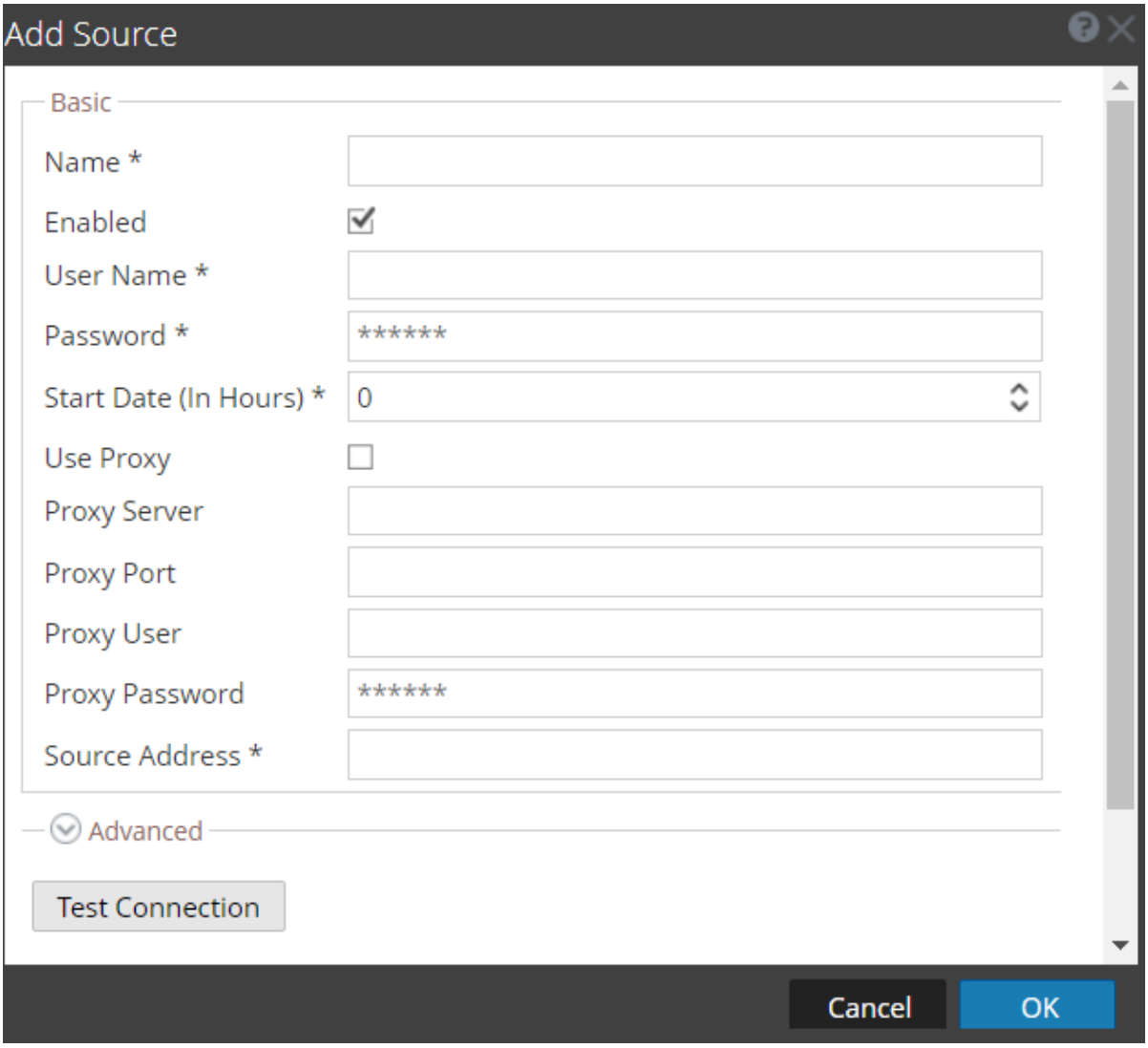
   The **Event Categories** panel displays the File event sources that are configured, if any.
4. In the **Event Categories** panel, click +.

   The **Available Event Source Types** dialog is displayed.



5. Select **symantecwss** 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.



7. Define parameter values, as described in Symantec WSS 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 RSA NetWitness Platform displays a **Request Timed Out** Error. This API sends a zip of the aggregated logs for the current hour and thus, there is a delay in the initial response time due to which test connection may time out. 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 Universal Rest API plugin type.

Symantec WSS Collection Configuration Parameters

This section describes the Universal Rest API 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.
User Name*	Username to be used for the sync API.
Password*	Password to be used for the sync API.
Start From (In Hours)*	Number of hours to backtrack and pull data from.
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 Universal Rest API 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	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. **Note:** Set this value to **600** seconds for the symantecwss plugin.
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	**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. **Caution:** Enabling debugging will adversely affect the performance of the Log Collector. Enables or disables debug logging for the event source. Valid values are: • **Off** = (default) disabled • **On** = enabled • **Verbose** = enabled in verbose mode - adds thread information and source context information to the messages. 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.

Name	Description
SSL Enable	Uncheck to disable certificate verification.

November 2020

Trademarks