

NetWitness[®] Platform

Radware DefensePro Event Source Log Configuration Guide

Radware DefensePro

Event Source Product Information:

Vendor: [Radware](#)

Event Source: Radware DefensePro

Versions: 5.01.02, 6.05, 8.x

Note: NetWitness supports the major version. In case of any configuration changes or logs not parsing in a minor version, please open a case in the NetWitness Community Portal for support.

NetWitness Product Information:

Supported On: NetWitness Platform 12.0 and later

Event Source Log Parser: radwaredp

Collection Method: Syslog, SNMP

Event Source Class.Subclass: Security.IPS

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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Miscellaneous

This product, this software, the associated documentations as well as the contents are subject to NetWitness' standard Terms and Conditions in effect as of the issuance date of this documentation and which can be found at <https://www.netwitness.com/standard-form-agreements/>.

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November, 2023

Contents

Configure Radware DefensePro	6
Configure Radware DefensePro Version 6.05 and above for Syslog Collection	6
Configure Radware DefensePro Version 5.01.02 for Syslog Collection	7
Configure Radware DefensePro for SNMP Collection	8
Configure NetWitness Platform for Syslog	9
Ensure the Required Parser is Enabled	9
Configure Syslog Collection	9
Configure NetWitness Platform for SNMP	12
Add the SNMP Event Source Type	12
(Optional) Configure SNMP Users	13
SNMP User Parameters	14
Getting Help with NetWitness Platform	16
Self-Help Resources	16
Contact NetWitness Support	16
Feedback on Product Documentation	17

You can set up both Syslog and SNMP collection for the Radware DefensePro. Complete the following tasks to set up collection:

- I. [Configure Radware DefensePro](#)
- II. [Configure NetWitness Platform for Syslog](#)
- III. [Configure NetWitness Platform for SNMP](#)

Configure Radware DefensePro

Depending on the collection method, and your Radware DefensePro version, complete the following tasks:

- Configure Radware DefensePro for Syslog Collection
 - Configure Radware DefensePro Version 6.05 and above for Syslog Collection, or
 - Configure Radware DefensePro Version 5.01.02 for Syslog Collection
- Configure Radware DefensePro for SNMP Collection

Configure Radware DefensePro Version 6.05 and above for Syslog Collection

To configure Radware DefensePro Version 6.05 and above for syslog collection:

1. Log on to Radware DefensePro web console.
2. To apply Syslog Reporting settings, follow these steps:
 - a. In the navigation pane, click **Services > Syslog Reporting**.
 - b. In the Syslog Reporting window, complete the fields as follows.

Field	Action
Syslog Server	Enter the IP address of the NetWitness Log Decoder or Remote Log Collector.
Syslog Server Operational Status	From the drop-down list, select Enabled .
Syslog Server Source Port	Type 514 .
Syslog Server Destination Port	Type 514 .
Syslog Server Facility	From the drop-down list, select Local Use 6 .
Syslog Server Protocol	From the drop-down list, select UDP Protocol .

- c. Click **Set** to the Syslog Reporting settings.
- d. In the navigation pane, click **DefensePro -> Reporting -> Global Parameters**.

- e. In the Reporting Global Parameters window, complete the fields as follows.

Field	Action
Syslog Sending	From the drop-down list, select enable .
Syslog Sending Risk	From the drop-down list, select info .

- f. Click **Set** to save the Global Parameters.

3. To enable the auditing service, follow these steps:

- In the navigation pane, click **Services > Auditing**.
- In the Auditing Status window, select **enable**.

Note: If the **Reporting Format** field is present, either the BSD or RFC 5424 format can be selected. Refer to Radware DefensePro documentation for any updates or changes in Syslog configuration steps.

Configure Radware DefensePro Version 5.01.02 for Syslog Collection

To configure Radware DefensePro Version 5.01.02 for syslog collection:

- Log on to Radware DefensePro web console.
- To apply Syslog Reporting settings, follow these steps:
 - In the navigation pane, click **Services > Syslog Reporting**.
 - In the Syslog Reporting window, complete the fields as follows.

Field	Action
Syslog Operation	From the drop-down list, select enable .
Syslog Station Address	Enter the IP address of the NetWitness Log Decoder or Remote Log Collector.
Syslog Log Facility	From the drop-down list, select Local Use 6 .
Syslog Source Port	Type 514 .
Syslog Destination Port	Type 514 .

- c. Click **Set** to the Syslog Reporting settings.

3. To enable the auditing service, follow these steps:

- In the navigation pane, click **Services > Auditing**.
- In the Auditing Status window, select **enable**.
- Click **Set** to save settings.

Configure Radware DefensePro for SNMP Collection

To configure Radware DefensePro for SNMP collection:

1. Log on to Radware DefensePro web console.
2. To apply Target Address Table settings, follow these steps:
 - a. In the navigation pane, click **Security > SNMP > Target Address Table**.
 - b. Click **Create** to add a target address table.
 - c. In the Target Address Table Create window, complete the fields as follows.

Field	Action
Name	Enter NetWitness .
Tag List	Type v3Traps .
Mask	Type 0.0.0.0 .
Address-Port	Type: NW_LC_IP-162 where NW_LC_IP is the IP address of the NetWitness Log Collector.
Parameters	From the drop-down list, select public-v1 .

- d. Click **Set** to save the settings.

Note: Steps **e** through **g** are only required for Radware DefensePro Version 6.05.

- e. In the navigation pane, click **DefensePro > Reporting > Global Parameters**.
- f. In the Global Parameters Reporting window, complete the fields as follows.

Field	Action
SNMP Traps Sending	From the drop-down list, select enable .
SNMP Traps Sending Risk	From the drop-down list, select low .

- g. Click **Set** to save the Global Parameters.
3. To enable the auditing service, follow these steps:
 - a. In the navigation pane, click **Services > Auditing**.
 - b. In the Auditing Status window, select **enable**.
 - c. Click **Set** to save settings.

Configure NetWitness Platform for Syslog



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 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 **radwaredp**.



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.

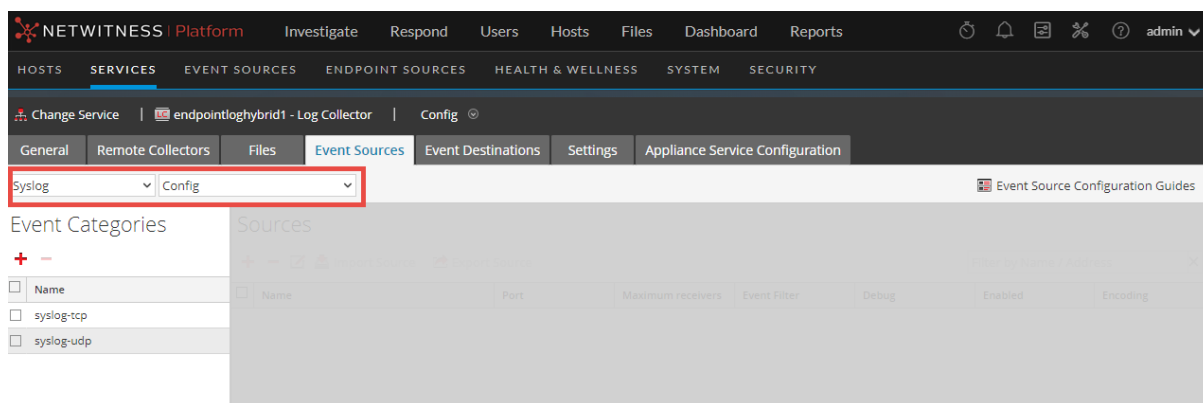
To configure Log Decoder for Syslog Collection

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  **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 Remote Log Collector for Syslog Collection

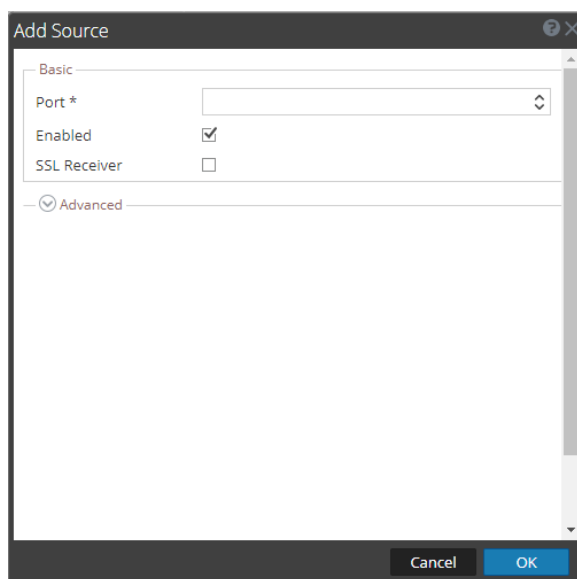
1. In the NetWitness Platform menu, go to  (Admin) > **Services**.
2. In the **Services** grid, select a Remote Log Collector and from the **Actions** () menu, choose **View** > **Config** > **Event Sources**.
3. Select **Syslog / Config** from the drop-down menu.

The **Event Categories** panel displays the Syslog event sources that are configured, if any.



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

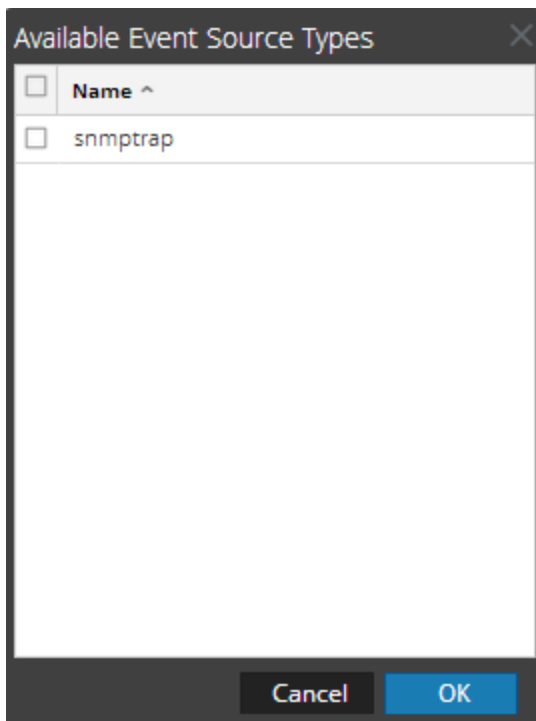
Configure NetWitness Platform for SNMP

Add the SNMP Event Source Type

Note: If you have previously added the **snmptrap** type, you cannot add it again. You can edit it, or manage users.

Add the SNMP Event Source Type:

1. In the **NetWitness Platform** menu, select **Administration > Services**.
2. In the **Services** grid, select a **Log Collector** service.
3. Click  under **Actions** and select **View > Config**.
4. In the Log Collector **Event Sources** tab, select **SNMP/Config** from the drop-down menu.
The Sources panel is displayed with the existing sources, if any.
5. Click **+** to open the **Available Event Source Types** dialog.



6. Select **snmptrap** from the Available Event Source Types dialog and click **OK**.
7. Select **snmptrap** in the Event Categories panel.
8. Select **snmptrap** in the Sources panel and then click the Edit icon to edit the parameters.


The 'Edit Source' dialog box is shown with the 'Basic' tab selected. The 'Name' field is set to 'snmptrap'. The 'Ports' field is empty. The 'Community Strings' field is empty. The 'Minimum V3 Security Level' is set to 'noAuthNoPriv'. The 'Collect V1 Traps', 'Collect V2c Traps', 'Collect V3 Traps', and 'Enabled' checkboxes are all checked. The 'Advanced' tab is also visible, showing 'InFlight Publish Log Threshold' set to 0, 'Maximum Receivers' set to 2, and 'Debug' set to 'Off'. The 'Cancel' and 'OK' buttons are at the bottom right.

9. Update any of the parameters that you need to change.

(Optional) Configure SNMP Users

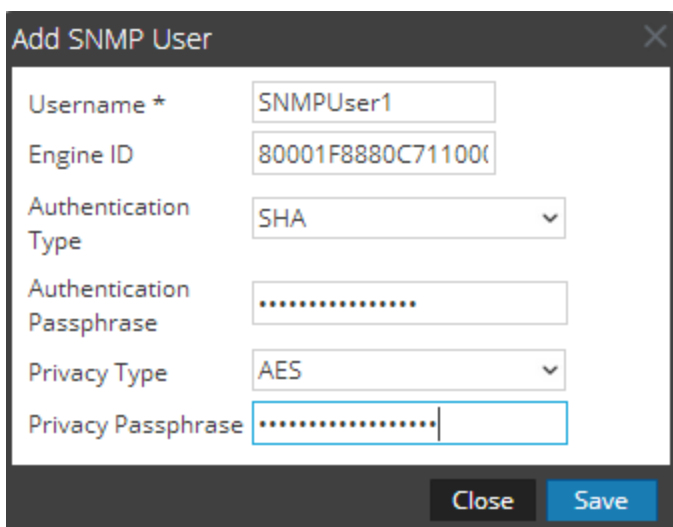
If you are using SNMPv3, follow this procedure to update and maintain the SNMP v3 users.

Configure SNMP v3 Users

1. In the **NetWitness Platform** menu, select **Administration > Services**.
2. In the **Services** grid, select a **Log Collector** service.
3. Click  under **Actions** and select **View > Config**.
4. In the Log Collector **Event Sources** tab, select **SNMP/SNMP v3 User Manager** from the drop-down menu.

The SNMP v3 User panel is displayed with the existing users, if any.

5. Click  to open the **Add SNMP User** dialog.



The image shows a dialog box titled "Add SNMP User" with a close button (X) in the top right corner. It contains the following fields and controls:

- Username ***: A text input field containing "SNMPUser1".
- Engine ID**: A text input field containing "80001F8880C71100C".
- Authentication Type**: A dropdown menu with "SHA" selected.
- Authentication Passphrase**: A text input field filled with dots.
- Privacy Type**: A dropdown menu with "AES" selected.
- Privacy Passphrase**: A text input field filled with dots.
- At the bottom right, there are two buttons: "Close" (grey) and "Save" (blue).

6. Fill in the dialog with the necessary parameters. The available parameters are described below.

SNMP User Parameters

The following table describes the parameters that you need to enter when you create an SNMP v3 user.

Parameter	Description
Username *	<p>User name (or more accurately in SNMP terminology, security name). NetWitness Platform uses this parameter and the Engine ID parameter to create a user entry in the SNMP engine of the collection service.</p> <p>The Username and Engine ID combination must be unique (for example, logcollector).</p>
Engine ID	<p>(Optional) Engine ID of the event source. For all event sources sending SNMP v3 traps to this collection service, you must add the username and engine id of the sending event source.</p> <p>For all event sources sending SNMPv3 informs, you must add just the username with a blank engine id.</p>
Authentication Type	<p>(Optional) Authentication protocol. Valid values are as follows:</p> <ul style="list-style-type: none"> • None (default) - only security level of noAuthNoPriv can be used for traps sent to this service • SHA - Secure Hash Algorithm • MD5 - Message Digest Algorithm
Authentication Passphrase	Optional if you do not have the Authentication Type set. Authentication passphrase.
Privacy Type	<p>(Optional) Privacy protocol. You can only set this parameter if Authentication Type parameter is set. Valid values are as follows:</p>

Parameter	Description
	<ul style="list-style-type: none">• None (default)• AES - Advanced Encryption Standard• DES - Data Encryption Standard
Privacy Passphrase	Optional if you do not have the Privacy Type set. Privacy passphrase.
Close	Closes the dialog without adding the SNMP v3 user or saving modifications to the parameters.
Save	Adds the SNMP v3 user parameters or saves modifications to the parameters.

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.