

# NetWitness® Platform

## Zscaler Private Access (ZPA) Event Source Log Configuration Guide

# Zscaler Private Access (ZPA)

## Event Source Product Information:

**Vendor:** [Zscaler](#)

**Event Source:** ZPA

**Versions:** 4.1M

## NetWitness Product Information:

**Supported On:** NetWitness Platform 11.7 or later

**Event Source Log Parser:** zscalerzpa

**Collection Method:** Syslog

**Event Source Class.Subclass:** VPN

## 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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November, 2023

# Contents

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- Configure Zscaler Private Access (ZPA) ..... 5**
  - Configure NetWitness Platform for Syslog Collection ..... 5
  - Configure Syslog Output on ZPA ..... 7
    - Configure ZPA to send logs to the NetWitness Platform ..... 7
- Getting Help with NetWitness Platform ..... 10**
  - Self-Help Resources .....10
  - Contact NetWitness Support ..... 10
  - Feedback on Product Documentation ..... 11

## Configure Zscaler Private Access (ZPA)





Perform the following procedures to configure syslog collection for the ZPA:

- I. [Configure NetWitness Platform for Syslog Collection](#)
- II. [Configure Syslog Output on ZPA.](#)



## Configure NetWitness Platform for 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.

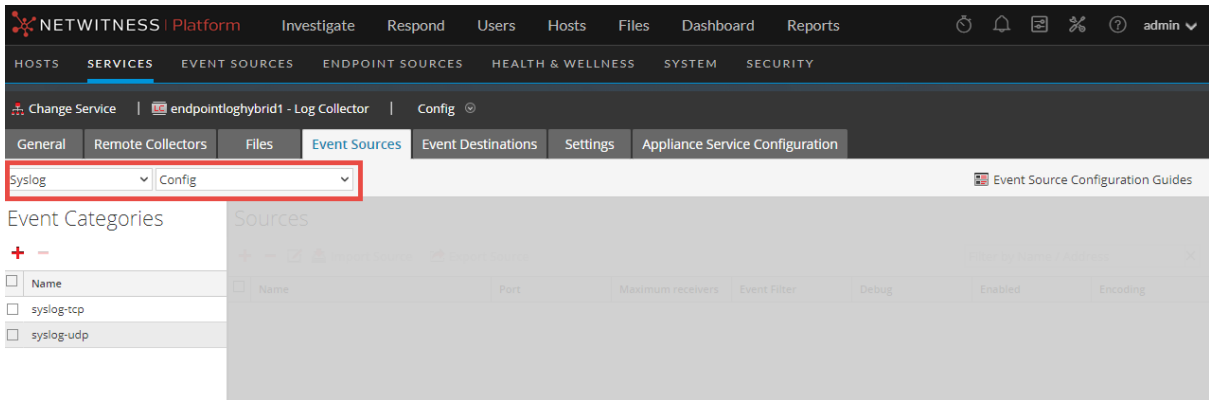
### To configure Log Decoder for Syslog Collection

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.

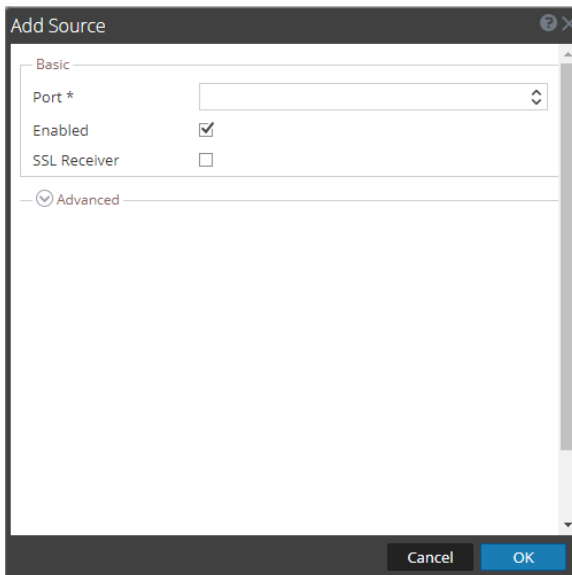
### To configure Remote Log Collector for Syslog Collection

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 **+**.  
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.

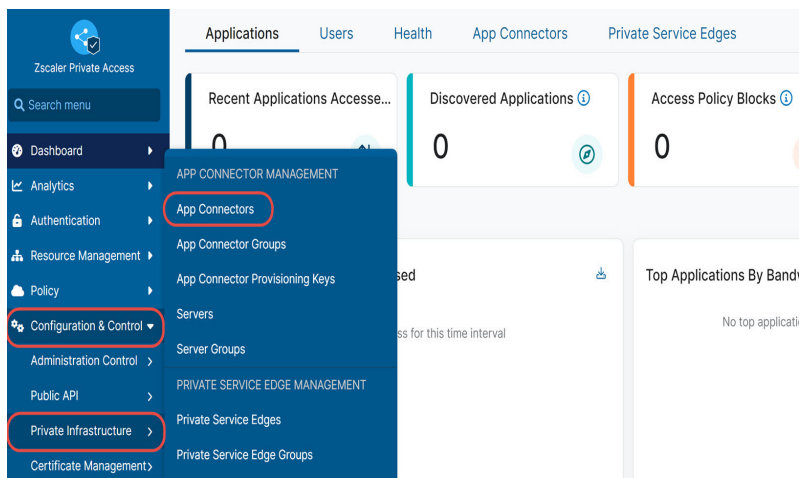
After you configure one or both syslog types, the Log Decoder or Remote Log Collector collects those types of messages from all available event sources. You can continue to add Syslog event sources to your system without a need to do any further configuration in NetWitness Platform.

## Configure Syslog Output on ZPA

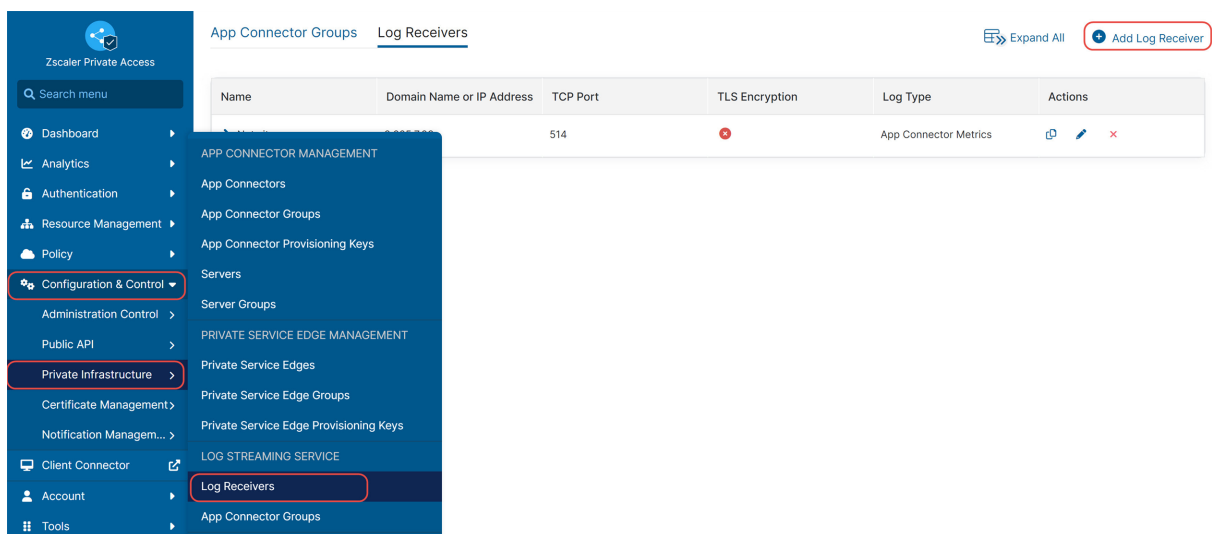
Configure at least one feed that define the logs that the ZPA sends to the NetWitness Platform.

### Configure ZPA to send logs to the NetWitness Platform

1. Log in to the ZScaler Portal with your admin account credentials.
2. Create App Connector:
  - a. Navigate to **Configuration & Control > Private Infrastructure > click App Connectors** under **App Connector Management** group.
  - b. Follow the instructions given in the [About App Connectors](#) to create App Connector.



3. After successfully creating a App Connector, navigate **Configuration & Control > Private Infrastructure > click Log Receiver** under **Log Streaming Service** group. Click **Add Log Receiver** and input the following information:



- a. **Name** - Enter a name for the log receiver. The name cannot contain special characters, with the exception of periods (.), hyphens (-), and underscores ( \_ ).
- b. **Description** - (Optional) Enter a description.
- c. **Domain or IP Address:** - Enter the IP address and TCP Port of the NetWitness Log Decoder or Remote Log Collector to which the logs are streamed.
- d. **TCP Port** - Enter the TCP port number used by the log receiver.
- e. **TLS Encryption** – Choose **Enabled** to enable TLS encryption on traffic between the log stream service components. Set to **Disabled** by default.
- f. **App Connector Groups** - Choose an app connector group that can forward logs to the receiver and click **Next**. You can search for a specific group, click Select All to apply all groups, or click Clear Selection to remove all selections.

- g. On the Log Stream tab, select a **Log Type** from the drop-down menu.  
**Log Type** - Choose any one of the Log Type (User Activity, User Status, App Connector Status, Private Service Edge Status, Browser Access, Audit Logs, App Connector Metrics, or Private Service Edge Metrics).
- h. **Log Template** - Choose **JSON**.
- i. **Log Stream Content** - ADD "<134>ZSCALERZPA: " in the beginning of the Log Stream Content.

**Note:** When you add "<134>ZSCALERZPA: ", the Log Template will be changed to **Custom**. Do not change it back to **JSON**. NetWitness recommends you to copy and paste "<134>ZSCALERZPA: ", including the space after the colon ":".



Edit Log Receiver
✕

1 Log Receiver
 2 Log Stream
 3 Review

CONFIGURATION

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**Log Type**

App Connector Metrics

**Log Template**

Custom

**Log Stream Content**

```
<134>ZSCALERZPA :
{"LogTimestamp":%j{LogTimestamp:time},"Connector":%j{Connector},"CPUUtilization":%j{CPUUtilization},"SystemMemoryUtilization":%j{SystemMemoryUtilization},"ProcessMemoryUtilization":%j{ProcessMemoryUtilization},"AppCount":%j{AppCount},"ServiceCount":%j{ServiceCount},"TargetCount":%j{TargetCount},"AliveTargetCount":%j{AliveTargetCount},"ActiveConnectionsToPublicSE":%j{ActiveConnectionsToPublicSE},"DisconnectedConnectionsToPublicSE":%j{DisconnectedConnectionsToPublicSE},"ActiveConnectionsToPrivateSE":%j{ActiveConnectionsToPrivateSE},"DisconnectedConnectionsToPrivateSE":%j{DisconnectedConnectionsToPrivateSE},"TransmittedBytesToPublicSE":%j{TransmittedBytesToPublicSE},"ReceivedBytesFromPublicSE":%j{ReceivedByt
```

Next
Previous
Cancel

4. Click **Next** and review all the provided information.
5. Click **Save**.

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

## Feedback on Product Documentation

You can send an email to [feedbacknwdocs@netwitness.com](mailto:feedbacknwdocs@netwitness.com) to provide feedback on NetWitness Platform documentation.