



CylanceMDR Pro

Integration Guide

Third-party Log Sources

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Integrating third-party log sources

When you integrate third-party log sources with CylanceMDR, you unify endpoint detection and response (EDR) with other security and business tools for improved visibility and control of security incidents across the business in a single console. Related telemetry data from various tools across the environment are automatically associated with a single incident, reducing manual effort and unnecessary context switching. Based on the efficacy, correlation, and actions of incidents from the various telemetry sources, CylanceMDR can be optimized to automatically take action against security incidents in real time.

A CylanceMDR Pro subscription is required to support the integration of third-party log sources.

For a list of third-party log sources that can be integrated with CylanceMDR so that suspicious activities can be reported and tracked from the Cylance console, see [Supported third-party log sources for telemetry data ingestion](#).

Steps for integrating third-party log sources

| Step | Action |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <p>If you have a Windows Server and you want to forward its event data to CylanceMDR, you need to install the sensor.</p> <ul style="list-style-type: none">• Review the Windows Server Sensor requirements• Install the Windows Server Sensor |
| 2 | <p>If you want to forward logs from third-party application (such as from a firewall or VPN application) to CylanceMDR, you need to install a modular sensor.</p> <ul style="list-style-type: none">• Review the Modular Sensor requirements• Install a Modular Sensor in VMware• Install a Modular Sensor in Azure |
| 3 | <p>Configure devices to Forward log messages to the Modular Sensor.</p> |
| 4 | <p>Configure CylanceMDR to Collect logs using connectors.</p> |

Installing the Windows Server Sensor

The Windows Server Sensor (agent) runs as a Windows service in a compatible Windows Server system. It observes events within the Windows Server system and sends data records to CylanceMDR. The sensor captures the following events:

- Hardware
- Security
- System
- Windows Firewall
- Windows Defender
- PowerShell
- File Integrity Monitoring

The Windows Server Sensor provides the following key capabilities:

- If the sensor is installed on the same network as the domain controller, CylanceMDR enriches data with the relationship between users and IP addresses.
- If the sensor is installed on the same network as the DHCP server, CylanceMDR enriches data with the relationship between hostnames and IP addresses, so assets can be tracked even when the IP address changes.

Windows Server Sensor requirements

The host Windows Server into which the Windows Server Sensor is installed must meet the following minimum requirements, regardless of whether it is a physical or virtual server:

| Component | Specification |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host requirements | <ul style="list-style-type: none">• CPU: Xeon Core 2 virtual cores (2.0 GHz or more)• RAM: 8 GB• Disk space (SSD): 64 GB |
| OS version | Windows Server 2008 R2 (or later) |
| OS updates | <p>As a best practice, use Windows Update to ensure that the Windows Server software is up-to-date and all pending updates are complete before installing the Windows Server Sensor.</p> <p>The Windows Server Sensor includes the AI_ChainedPackageFile.vc_redist.x64.exe redistributable from Microsoft which requires the following packages:</p> <ul style="list-style-type: none">• KB2919355• KB2999226 |
| Firewall ports | Open TCP port 8889 to receiver-cylancemdr.stellarcyber.cloud |

| Component | Specification |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other software considerations | <p>To avoid potential conflicts with antivirus or EDR software, configure any such software that's installed on the same host as the Windows Server Sensor to exclude the server sensor installation directories from scanning. Exclude the following directories on the Windows Server Sensor host:</p> <ul style="list-style-type: none"> • C:\ProgramData\Stellarcyber • C:\Program Files\Aella |

Install the Windows Server Sensor

Before you begin:

- Review the [Windows Server Sensor requirements](#).
 - Obtain the token for Windows Server Sensor from the CylanceMDR onboarding team.
 - Download the Windows Server Sensor installation (.msi) file.
1. Some Windows systems automatically block files you download from running. To unblock the .msi file:
 - a) Right-click the .msi file > **Properties**.
 - b) In the **Security** section, click **Unblock**.
 - c) Click **OK**.
 2. To start the installation, double-click the .msi file. If you see a dialog box asking you to verify that you want to run this file, click **Run**.
 3. Choose the following installation path for the agent installation: C:\Program Files\Aella. An error message occurs if you try to install at a different path.
 4. Specify the following:
 - **Token:** Specify the installation token which is provided by the CylanceMDR onboarding team to register your Windows Server Sensor with your CylanceMDR tenant.
 5. Click **Install**.
The installer installs the Windows Server Sensor.
 6. When the installation completes, click **Finish**. The sensor is installed as a service.

After you finish:

- To verify the installation, on the Windows Server Sensor host, open the **Services** app and look for **Windows Agent Sensor Ctrl**.
- To verify the connection to the tenant, open **Windows Agent Sensor CLI** and enter `show cm` in the command line.

Installing a Modular Sensor

You can install a Modular Sensor to collect and forward logs to CylanceMDR. For example, you can set up your organization's firewall syslogs, DHCP/DNS/IP network syslogs, and syslogs from other applications to forward log entries to the Modular Sensor. The sensor collects the entries and forwards them to CylanceMDR.

Modular Sensor requirements

| Item | Description |
|-------------------|----------------------------------------------------------------------------------------------------------------------|
| Host requirements | <ul style="list-style-type: none">• CPU: 4 cores• RAM: 8 GB• Disk space (SSD): 64 GB |
| Firewall ports | Open TCP port 8889 to receiver-cylancemdr.stellarcyber.cloud |

Install a Modular Sensor in VMware

When you install a Modular Sensor in VMware, you also need to create and specify a port group as well as apply a token to associate it with your CylanceMDR tenant.

Before you begin:

- Review the [Modular Sensor requirements](#).
- Obtain a token for the Modular Sensor from the CylanceMDR onboarding team.
- Download the .ova file for the Modular Sensor.

1. Log in to the vSphere client.
2. Right-click the VM host on which you want to install the port group and click **Add Networking**.
3. Select the **Virtual Machine Port Group for a Standard Switch** option.
4. Click **Next**.
5. Enter the following:
 - **Name:** The name for this port group.
 - **vLAN ID:** 4095
 - **Virtual switch:** Select an existing virtual switch that you want to use.
 - **Promiscuous mode:** Accept
 - **MAC Address changes:** Inherit from vSwitch
 - **Force transmits:** Inherit from vSwitch
6. In the vSphere client, on the VM host where you want install and deploy the Modular Sensor, specify the following settings.
 - **OVF template:** Specify the Modular Sensor .ova file.
 - **Virtual machine name:** Specify a name for the Modular Sensor VM.
 - **Compute resource:** Specify the compute resource to use for the Modular Sensor VM.
 - **Storage:** Specify the datastore drive to use for VM storage and its configuration.
 - **Provisioning type:** Specify *Thick*.
 - **Network mappings:** Select the VM network that you want to use.

- **Power On automatically:** Deselected.
7. Verify the settings and click **Finish**.
The deployment completes. This might take several minutes.
 8. After successful deployment, click the VM.
 9. Click **Edit**.
 10. Click **Add network adapter**.
 11. Beside the **New adapter** field, select the port group that you created earlier.
 12. Click **Save**.
 13. Power on the VM.
 14. Do the following to set a static IP address for the Modular Sensor and apply the token to associate it with CylanceMDR:
 - a) Open the VM for your Modular Sensor. A command line appears.
 - b) Enter your login information. The default username/password is aella/changeme. You are prompted to change the password immediately.
 - c) Set a static IP address for the modular sensor using the following commands:
 - `set interface management ip <ip_address>`
 - `set interface management gateway <gateway_ip_address>`
 - `set interface management dns <dns_ip_address>`
 - d) Enter `set token string <token>`, where *<token>* is the token provided by the CylanceMDR onboarding team.
The message "Sensor token is successfully set" appears.

After you finish:

- To verify the connection with CylanceMDR use the following commands:
 - `show interface`
 - `show cm`
 - `show version`
- The CylanceMDR onboarding team completes the configuration for your CylanceMDR tenant to receive logs from your Modular Sensor.

Install a Modular Sensor in Azure

Depending on your Microsoft Azure subscription, installing and using the Modular Sensor in Azure may incur additional costs. After you install the sensor, you need to apply a token to associate it with your CylanceMDR tenant.

Before you begin:

- Review the [Modular Sensor requirements](#).
 - Obtain a token for the Modular Sensor from the CylanceMDR onboarding team.
1. Log in to your Azure portal at <https://portal.azure.com/>.
 2. On the **Dashboard** screen, Click **Azure Active Directory**.
 3. Click **Properties**.
 4. Copy the **Tenant ID** field.

5. Copy and paste the following URL into your browser address bar and replace `<tenant_id>` with the Tenant ID that you copied.

```
https://login.microsoftonline.com/<tenant_id>/oauth2/authorize?
client_id=58238038-43b4-4446-8260-0fa97ace1085&response_type=code&redirect_uri=https
%3A%2F%2Fwww.microsoft.com%2F
```

6. In the **Permissions requested** dialog, select **Consent on behalf of your organization**.
7. Click **Accept**.
8. Click **Enterprise Applications**.
9. On the **Enterprise applications | All applications** screen, search for `Stellar`.
A list of applications appear. If you don't see a list of applications, contact CylanceMDR support.
10. If necessary, create a new resource group. If you want to use an existing resource group, proceed to the next step.
 - a) Click **Resource Groups**.
 - b) Click **Add**.
 - c) In the **Subscription** field, choose your subscription.
 - d) In the **Resource group** field, enter a name of your group.
 - e) In the **Region** field, choose the region where you want to deploy the resource.
 - f) Click **Review + create**.
 - g) Click **Create**.
11. On the **Resource Groups** screen, click the name of the resource group where you want to deploy the sensor.
12. Click **Access control (IAM)**.
13. Click **Add role assignments**.
14. Click the **Privileged administrator roles** tab.
15. Select the **Contributor** option.
16. In the **Assign access to** drop-down list, keep the default selection of **User, group, or service principal**.
17. In the **Select** field, type `Stellar`.
18. Choose **Stellar Cyber Software Packages**.
19. Click **Save**.
20. In the left pane, click **Home**. The Azure services screen appears.
21. On the **Azure services** screen, click **Subscriptions**.
22. Click the subscription that you want to use.

Note: Depending on your Azure subscription, you may incur additional costs.

23. Click **Resource providers**.
24. Click **Microsoft.Network**.
25. Click **Register**.
26. Click **Microsoft.Compute**.
27. Click **Register**.
28. On the top right of the screen, click the **Cloud Shell** icon.
29. Enter the following commands to retrieve an access token (each command should be one line):

```
az account clear

az login --service-principal -u '58238038-43b4-4446-8260-0fa97ace1085'
-p '3238Q~KmtVAIyuC6gDVMhboKEW7w6W~bXYQhFcZx' --tenant
'2f580e30-1cc1-4c08-9e80-704999508e1a'
```

```
az account get-access-token
```

30. Enter the following commands to retrieve and access token using the Tenant ID that you copied earlier (each command should be one line).

```
az login --service-principal -u '58238038-43b4-4446-8260-0fa97ace1085' -p  
'3238Q~KmtVAIyuC6gDVMhboKEW7w6W~bXYQhFcZx' --tenant '<Tenant ID>'  
  
az account get-access-token
```

31. Use the following one-line command to output a list of Azure subscriptions:

```
az account list --output table
```

32. Make sure that the subscription that you want to deploy the sensor to is the default (i.e. IsDefault=True). Use the following one-line command to set it:

```
az account set --subscription <subscription>
```

33. Enter the following one-line command to create a Modular Sensor VM. Replace *<resource-group>* with an existing resource group in your deployment and *<version>* with the version of software you want to install (for example, 5.2.0)

```
az vm create --size Standard_B12ms --resource-group <resource-group>  
--name StellarModularSensor --image "/subscriptions/0e28f851-  
f477-4f2d-94bc-35c00d3d5fd8/resourceGroups/Stellar/providers/  
Microsoft.Compute/galleries/StellarCyberSoftwares/images/Stellar-ModularSensor/  
versions/<version>" --admin-username azureuser --admin-password P@ssw0rd#2022  
--os-disk-size-gb 128
```

Note that you can specify the virtual network and subnet by including the `--vnet-name <vnet-name>` and `--subnet <subnet-name>` parameters. The networks must exist in the same resource group as the VM.

34. Do the following to set a static IP address for the Modular Sensor and apply the token to associate it with CylanceMDR:
- Open the VM for your Modular Sensor. A command line appears.
 - Enter your login information. The default username/password is aella/changeme. You are prompted to change the password immediately.
 - Set a static IP address for the modular sensor using the following commands:
 - `set interface management ip <ip_address>`
 - `set interface management gateway <gateway_ip_address>`
 - `set interface management dns <dns_ip_address>`
 - Enter `set token string <token>`, where *<token>* is the token provided by the CylanceMDR onboarding team.
The message "Sensor token is successfully set" appears.

After you finish: The CylanceMDR onboarding team completes the configuration for your CylanceMDR tenant to receive logs from your Modular Sensor.

Forwarding log messages to the Modular Sensor

You can configure devices (for example, firewall) in your environment to forward log messages (for example, syslog) to the Modular Sensor so that CylanceMDR analysts can track suspicious activity.

You need to forward log messages from your device (for example, firewall) to the Modular Sensor from a specific port so that the Modular Sensor receives the messages successfully. Follow the instructions from your vendor to set up your device to forward the logs messages. For the list of ports that you need to open in your environment, see [Supported third-party log sources for telemetry data ingestion](#).

Collect logs using connectors

You can allow CylanceMDR to collect logs from various sources by providing the necessary information to the CylanceMDR onboarding team to configure it in your tenant.

The following table lists some example log sources that can use connectors. For more information, contact the CylanceMDR onboarding team.

| Log source | Required information |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HIBUN | Provide the following information (obtained from Hitachi Solutions) to the CylanceMDR team: <ul style="list-style-type: none">• Customer Code• Username• Password The password should not contain non-ASCII special characters. |

| Log source | Required information |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Microsoft Active Directory | <p>Provide the following information to the CylanceMDR team:</p> <ul style="list-style-type: none"> • The Active Directory domain to be monitored • The fully qualified domain name (FQDN) or IP address for an Active Directory Server configured as a Domain Controller • The protocol type (LDAP, LDAPS, or LDAPS with certificate validation disabled) • Active Directory username and passwords with appropriate permissions • If you want to collect Active Directory logs from the Modular Sensor, you need to add the Active Directory server domain and domain controller to the same DNS where the Modular Sensor is installed. <p>For Collect only configurations, the username and password needs to be a standard Active Directory user who is a member of the domain to be monitored. The password should not include non-ASCII special characters.</p> <p>For Respond configurations (if you want to also allow CylanceMDR to respond to a detected threat by disabling an Active Directory user account), do the following:</p> <ol style="list-style-type: none"> 1. Launch Active Directory Users and Computers with administrative credentials. 2. Right-click on the Organizational Unit with the user account for which you want to enable the respond action authority, and select Delegate Control. 3. Select the user or group to which you want to delegate the authority, then click Next. 4. Select Create Custom Task to Delegate and click Next. 5. In the Delegation of Control Wizard, select the Only the following objects in the folder radio button. 6. Select User objects and click Next. 7. In the Show these permissions section, select only the Property-specific option. Deselect the General and Creation/Deletion of specific child objects options. 8. In the specific permissions section, select the checkboxes for Read userAccountControl and Write userAccountControl. 9. Click Next. 10. Click Finish. |

| Log source | Required information |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Microsoft Azure Active Directory / Entra ID | <p>Provide the following information to the CylanceMDR team:</p> <ul style="list-style-type: none"> • Application (client) ID • Directory (tenant) ID • Secret Key (password) <p>To obtain this information for configuring CylanceMDR, you need to:</p> <ul style="list-style-type: none"> • In the Azure AD portal, register the CylanceMDR application. • In the AD manifest, set allowPublicClient to "true". • Create a new client secret (password) for CylanceMDR. • Set the API permissions (application permissions) for Microsoft Graph and specify the logs that you want to collect. A super admin must grant admin consent. <p>For more information, see the Microsoft documentation.</p> |
| Microsoft Azure Event Hub | <p>Event Hub Name: The name of the Event Hub</p> <p>Connection String: Find the connection string in Azure. You must use a unique connection string for each instance</p> <p>Consumer Group: The consumer group for the Event Hub</p> <p>Event Source: The source of the events you want to collect from Event Hub. You must configure log sources to send data to the Event Hub.</p> <ul style="list-style-type: none"> • AzureActivityLog • AzureBastion • AzureFirewall • AzureKeyVault • AzureSecurityCenter • AzureSecurityGroups • AzureSQLServer (includes AuditEvent log) • AzureStorage • AzureSynapseWorkspace • AzureWebApplicationFirewall |

Supported third-party log sources for telemetry data ingestion

The following table lists the third-party products that can be integrated with CylanceMDR as a log source for telemetric data ingestion. Beside each log source is the port that needs to be opened in your organization's environment so that CylanceMDR can collect and ingest the log data, and the data fields that will be collected and indexed in CylanceMDR.

| Device | Port | Index |
|----------------------------------------|-----------------|--------------------------------------------------------------------------------------------------|
| HTTP JSON | 5200 (TCP only) | Syslog |
| JSON | 5142 | Syslog |
| (OpnSense) Zenarmor plugin logs | 5604 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| AAA - Core (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Accops | 5526 | Traffic (srcip), Syslog (otherwise) |
| Ahnlab AIPS | 5647 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Ahnlab EMS | 5657 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Ahnlab EPP | 5640 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| AhnLab Policy Center | 5571 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| AhnLab TrusGuard | 5558 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| AirGap Ransomware Kill Switch | 5602 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| AIX | 5523 | Traffic (event_time: time format of hour:minute:second), Syslog (otherwise) |
| Alcatel Lucent Switch | 5677 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Aliyun / AliCloud | 5545 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

| Device | Port | Index |
|-------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------|
| Android | 5605 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Apache HTTP Server (httpd) | 5663 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| AQTRONiX WebKnight | 5658 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Aqua Cloud Native Application Protection Platform (CNAPP 2022.4) | 5656 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Arbor Peakflow SP | 5598 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Array Networks APV Series Load Balancing & App Delivery | 5680 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Array Networks ASF 1800 | 5675 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Array Networks Secure Access Gateway | 5537 | Traffic (srcip), Syslog (otherwise) |
| Aruba ClearPass Policy Manager (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Aruba Switch | 5577 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Automox | 5183 | Syslog |
| Avanan | 5681 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Avanan (HTTP JSON) | 5200 (TCP only) | Syslog |
| Avaya Switch | 5607 | Traffic (srcip, srcport, dstip, dstport, and proto) Syslog (otherwise) |
| AWS WAF | 5200 (TCP only) | Syslog |
| Azure ATP (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstports, and proto), Syslog (otherwise) |
| Azure MFA | 5528 | Traffic (srcip), Syslog (otherwise) |
| Barracuda email | 5559 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

| Device | Port | Index |
|------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Barracuda firewall | 5524 | ML IDS/Malware (sub_dev_type: fw_threat or fw_av), Traffic (srcip), Syslog (otherwise) |
| Barracuda WAF | 5524 | ML IDS/Malware (sub_dev_type: fw_threat or fw_av), Traffic (srcip), Syslog (otherwise) |
| BeyondTrust BeyondInsight | 5621 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| BeyondTrust PasswordSafe | 5692 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Bitdefender (HTTP JSON) | 5200 (TCP only) | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| BlackBerry CylancePROTECT & CylanceOPTICS | 5177 | Traffic (srcip), Syslog (otherwise) |
| BlueCoatProxySG | 5576 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Brocade switch (system & admin logs) | 5548 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Calyptix UTM | 5161 | ML IDS/Malware (ids.signature), Traffic (srcip), Syslog (otherwise) |
| Centos Audit | 5673 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Centrify | 5165 | Syslog |
| Cerberus FTP Logs | 5635 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Check Point - Application Control (CEF) | 5143 | ML IDS/Malware (threat, normalized from attack_information), Traffic (srcip, srcport,dstip,dstport, and proto), Syslog (otherwise) |
| Check Point - URL Filtering (CEF) | 5143 | ML IDS/Malware (threat, normalized from attack_information), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| CheckPoint appliance | 5174 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

| Device | Port | Index |
|-------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| CheckPoint firewall | 5519 | Traffic (srcip), Syslog (otherwise) |
| CheckPoint Harmony EP | 5618 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| CheckPoint VPN-1 & FireWall-1 (CEF) | 5143 | ML IDS/Malware (threat, normalized from attack_information), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Cisco ASA | 5518 | Traffic (srcip), Syslog (otherwise) |
| Cisco CUCM | 5532 | Syslog |
| Cisco ESA | 5562 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Cisco ESA | 5164 (deprecated) | Syslog |
| Cisco Firepower | 5168 | Traffic (srcip), Syslog (otherwise) |
| Cisco IKE | 5176 | Syslog |
| Cisco IronPort | 5163 | Syslog |
| Cisco ISE | 5157 | Syslog |
| Cisco MDS | 5563 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Cisco Meraki | 5172 | Traffic (srcip), Syslog (otherwise) |
| Cisco Netflow | 2055 (UDP only) | Traffic |
| Cisco routers and switches | 5158 | Syslog |
| Cisco UCS | 5579 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Cisco Umbrella | 5521 | Syslog |
| Cisco VPN | 5156 | Syslog |
| Cisco WLC | 5531 | Syslog |
| Citrix Access Gateway | 5688 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

| Device | Port | Index |
|-----------------------------|------|-------------------------------------------------------------------------|
| Citrix NetScaler | 5166 | Syslog |
| Citrix NetScaler (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Comodo- CIS CCS (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| CoreLight Sensor | 5575 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| CoSoSys Endpoint Protection | 5654 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Cribl / NXLog | 5142 | Windows Events |
| Cribl default (Syslog JSON) | 5142 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| CrowdStrike (beats) | 5044 | Syslog |
| CrowdStrike (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| CyberArk PTA (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Cynet (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| D-Link | 5189 | Traffic (srcip), Syslog (otherwise) |
| DBSafer | 5181 | Syslog |
| Deep Instinct | 5628 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Dell EMC Powerstore | 5683 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Dell iDRAC | 5566 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Dell Switch | 5578 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| DHCP (beats) | 5044 | Traffic (srcmac), Syslog (otherwise) |
| DHCPD (IS DHCP) | 5554 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

| Device | Port | Index |
|---------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|
| DNSVault RPZdb | 5639 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Dragos (CEF) | 5539 | Traffic (srcip), Syslog (otherwise) |
| DrayTek Firewall | 5593 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| eDictionary - eDictionary (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Egnyte (Syslog JSON) | 5142 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Ericom ZTEdge | 5603 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| ESET PROTECT | 5655 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| ExtraHop (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Extreme AirDefense | 5612 | Traffic (srcip, srcport, dstip, dstport, and proto) Syslog (otherwise) |
| Extreme Controller | 5666 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| ExtremeCloud IQ Site Engine | 5614 | Traffic (srcip, srcport, dstip, dstport, and proto) Syslog (otherwise) |
| F5 - ASM (CEF) | 5143 | ML IDS/Malware (threat, normalized from attack_type), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| F5 BIG-IP | 5162 | ML IDS/Malware (IDS signature), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| F5 BIG-IP Telemetry (HTTP JSON) | 5200 (TCP only) | Syslog |
| F5 IPI | 5536 | ML IDS/Malware (dev_type: /threat/), Traffic (dstip), Syslog (otherwise) |
| F5 iRule | 5536 | ML IDS/Malware (dev_type: /threat/), Traffic (dstip), Syslog (otherwise) |
| F5 L7 DDOS | 5536 | ML IDS/Malware (dev_type: /threat/), Traffic (dstip), Syslog (otherwise) |

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| F5 Mitigation | 5536 | ML IDS/Malware (dev_type: /threat/), Traffic (dstip), Syslog (otherwise) |
| F5 NGINX | 5151 | Syslog |
| F5 Silverline | 5536 | ML IDS/Malware (dev_type: /threat/), Traffic (dstip), Syslog (otherwise) |
| F5 VPN | 5187 | Syslog |
| F5 WAF | 5536 | ML IDS/Malware (dev_type: /threat/), Traffic (dstip), Syslog (otherwise) |
| FatPipe Networks SD-WAN | 5583 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| FluentD (HTTP JSON) | 5200 (TCP only) | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Forcepoint | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Forcepoint - Firewall (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Forcepoint -DLP (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Forcepoint -Firewall (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Forcepoint Web Security (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| ForeScout | 5154 | Syslog |
| Fortinet FortiAnalyzer | 5542 | ML IDS/Malware (vendor.attack_name), Traffic (dstip), Syslog (otherwise) |
| Fortinet FortiAuthenticator | 5671 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Fortinet Forticloud FortiClient EMS Cloud Endpoint Management Services | 5682 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Fortinet FortiEDR | 5661 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Fortinet FortiGate | 5517 | Traffic (action), Syslog (otherwise) |

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| Fortinet Fortigate (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Fortinet FortiMail | 5616 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Fortinet FortiSandbox | 5648 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Fortinet FortiWeb | 5642 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| FutureSystems WeGuardia SSL plus (SSL VPN) | 5651 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Graylog format | 5569 | Windows Events (winlogevent), ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Guardicore (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| HanDreanet VIPM | 5676 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Hewlett Packard UNIX | 5585 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Hillstone | 5514 | ML IDS/Malware log_type: threat), Traffic (log_type: traffic), |
| HPE Switch | 5595 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| IBM AS400 | 5632 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Impero ContentKeeper | 5670 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Imperva - SecureSphere (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Incapsula SIEM Integration (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Indusface Web Application Firewall | 5582 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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| Infoblox Data Connector (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Infoblox Network Identity OS (NIOS) | 5587 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Infocyte HUNT (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| IPFIX | 4739 (UDP only) | Traffic (srcip, srcport, dstip, dstport, and proto) |
| IronScales (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Jsonar Database Security Tool | 5586 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Juniper SRX | 5173 | Traffic (srcip), Syslog (otherwise) |
| Juniper SSG | 5516 | Traffic (srcip), Syslog (otherwise) |
| Juniper Switch | 5591 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| KasperskyLab (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Kemp Technologies Load Master LB | 5695 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Keycloak | 5653 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Lancope - StealthWatch (LEEF) | 5522 | Traffic (srcip), Syslog (otherwise) |
| LanScope Cat | 5588 | Syslog |
| Lepide | 5607 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Linux Syslog | 5555 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Logstash Suricata | 5629 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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| Mailboarder Agent | 5580 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Mako Networks firewall | 5547 | Traffic (dstip), Syslog (otherwise) |
| ManageEngine ADAudit Plus | 5679 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| ManageEngine ADAuditPlus (CEF) | 5143 | Windows Events |
| McAfee (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| McAfee Advanced Threat Defense | 5584 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| McAfee ePolicy Orchestrator | 5533 | Traffic (srcip), Syslog (otherwise) |
| McAfee Firewall | 5169 | Traffic (srcip), Syslog (otherwise) |
| McAfee Network Security | 5527 | Traffic (srcip), Syslog (otherwise) |
| MCAS SIEM Agent (CEF) | 5143 | Windows Events |
| Medigate | 5631 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Menlo Security MS-XL50M | 5630 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Microsoft IIS | 5636 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Microsoft IIS (Syslog JSON) | 5142 | Syslog |
| Microsoft Office 365 | 5627 | Windows Events |
| Microsoft Windows Event | 5646 | Windows Events (winlogevent), Syslog (otherwise) |
| Microsoft Windows via Graylog | 5569 | Windows Events (winlogevent) |
| MicroWorld eScan | 5645 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| MikroTik firewall and router | 5553 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| MONITORAPP AI WAF 4.1 | 5613 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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| MONITORAPP WAF 1.0 | 5535 | Traffic (srcip), Syslog (otherwise) |
| Nasuni | 5592 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| NetApp | 5608 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Netfilter | 5544 | Traffic (dstip), Syslog (otherwise) |
| NetIQ - Identity Manager (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| NetIQ Access Manager | 5167 | Syslog |
| NetIQ SSO | 5171 | Syslog |
| Netman Smart NAC | 5650 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| NetMotion | 5641 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| NXLog | 5601 | Windows Events (winlogevent), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| OneLogin | 5581 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Open LDAP | 5164 | Syslog |
| OpenCanary | 5638 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| OpenShift | 5573 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| OpenVPN | 5643 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| OPNsense | 5660 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Oracle DB | 5170 | Traffic (srcip), Syslog (otherwise) |
| Oracle Solaris | 5664 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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| Ordr Connected Device Security | 5622 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| PacketFence | 5686 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Palo Alto Networks - Next Generation Firewall (LEEF) | 5522 | Traffic (srcip), Syslog (otherwise) |
| Palo Alto Networks - Traps Agent (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Palo Alto Networks firewall | 5515 | Traffic (type: traffic), ML IDS/Malware (type: threat), Syslog (otherwise) |
| Palo Alto Networks Firewall via Graylog | 5569 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Penta Security WAPPLES WAF | 5560 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Peplink XDR | 5665 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Perception Point X-Ray | 5667 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| pfSense Firewall | 5543 | Syslog |
| PIOLINK WEBFRONT-K | 5617 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| PrintChaser | 5179 | Syslog |
| Privacy-i | 5178 | Syslog |
| Proofpoint | 5596 | Syslog |
| Pulse Secure | 5534 | Syslog |
| Radware DefensePro | 5619 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Rapid7 | 5153 | Syslog |
| RazLeeSecurity - Audit (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| RSA Authentication Manager | 5184 | Syslog |

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| Ruckus ZoneDirector | 5662 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| RuiJie Switch | 5689 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SafePC | 5180 | Syslog |
| Sangfor NGAF | 5637 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SECUI Firewall | 5561 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SECUI MF2 Firewall | 5570 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SECUI MFD | 5611 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Secureki APPM 6 | 5693 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Security Strategy Research (SSR) Metieye | 5572 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Secuway SSLVPN | 5652 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SentinelOne (CEF2) | 5175 | Traffic (srcip), Syslog (otherwise) |
| SentinelOne Mgmt (CEF) | 5143 | ML IDS/Malware (threat, normalized from classification), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SentinelOne Security Center (CEF) | 5143 | ML IDS/Malware (threat, normalized from classification), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SentinelOne Singularity Mobile | 5623 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| ServiceNow Now Platform | 5668 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| ShareTech Firewall | 5609 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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| Snare Agent | 5590 | Windows Events (winlogevent), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Sniper IPS | 5182 | Traffic (srcip), Syslog (otherwise) |
| SonicWall - NSA 2400 (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SonicWall (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| SonicWall Firewall | 5152 | ML IDS/Malware (IDS signature), Traffic (srcip), Syslog (otherwise) |
| SonicWall VPN | 5556 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Sophos (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Sophos (JSON) | 5530 | Traffic (endpoint_type: traffic), ML IDS/Malware (endpoint_type: threat), Syslog (endpoint_type: computer) |
| Sophos endpoint | 5565 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Sophos endpoint (beats) | 5044 | Traffic (srcip), Syslog (otherwise) |
| Sophos firewall | 5520 | Data goes to the indicated index based on the log_type: |
| Sophos Web Appliance | 5626 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Splunk Heavy Forwarder | 5188 | Syslog |
| Stormshield Net Security Firewall | 5625 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Symantec (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Symantec Endpoint Protection | 5525 | Traffic (dstip), Syslog (otherwise) |
| Symantec Firewall | 5155 | Syslog |
| Symantec Messaging Gateway | 5567 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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| Synology Directory Server | 5597 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Thales Group CipherTrust Manager | 5674 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Trellix FireEye HX | 5644 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Trend Micro - Deep Security Agent (LEEF) | 5522 | Traffic (srcip), Syslog (otherwise) |
| Trend Micro (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Trend Micro Apex Central (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Trend Micro Interscan Messaging | 5678 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Trend Micro Proxy | 5540 | Traffic (dstip), Syslog (otherwise) |
| Trend Micro TippingPoint Intrusion Prevention System (IPS) | 5672 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Tripwire Enterprise | 5186 | Syslog |
| Ubiquiti | 5552 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Unix | 5633 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Untangle Firewall (Syslog JSON) | 5142 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Varonis DatAdvantage (CEF) | 5143 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Versa Networks Firewall | 5568 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| VMware - Carbon Black (LEEF) | 5522 | Traffic (srcip), Syslog (otherwise) |
| VMware ESXi | 5600 | Syslog |
| VMWare Horizon | 5687 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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| VMware NSX-T Data Center | 5574 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| VMware UAG | 5620 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| VMware Vcenter | 5615 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| VMWare VeloCloud SD-WAN | 5685 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| WatchGuard - XTM (LEEF) | 5522 | Traffic (srcip), Syslog (otherwise) |
| WatchGuard firewall security appliance | 5557 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Wazuh | 5634 | Windows Events (winlogevent) , Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Windows DNS Server | 5599 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Windows Event NXLog | 5601 | Windows Events (winlogevent), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Windows System Security | 5610 | Windows Events (winlogevent), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Wins IPS ONE-1 / Wins DDX | 5538 | ML IDS/Malware (vendor.attack_name), Syslog (otherwise) |
| WINS Sniper NGFW | 5649 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Zix Mail | 5185 | Traffic (srcip), Syslog (otherwise) |
| Zscaler NSSWeblog (CEF) | 5143 | Syslog |
| Zscaler ZIA Firewall | 5549 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Zscaler ZIA Web | 5550 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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| Zscaler ZPA | 5551 | ML IDS/Malware (threat), Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |
| Zyxel Firewall | 5594 | Traffic (srcip, srcport, dstip, dstport, and proto), Syslog (otherwise) |

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