



ArcSight SmartConnectors

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SmartConnector Release Notes

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- Software Version number
- Document Release Date, which changes each time the document is updated
- Software Release Date, which indicates the release date of this version of the software

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Release Notes for ArcSight SmartConnector CE 24.1.1

This Release Notes document describes how to apply this latest release of ArcSight SmartConnector and ArcSight SmartConnector Load Balancer, and provides other information about the most recent changes, known limitations, and software fixes.

SmartConnector is an application that collects log messages from log sources, processes them into ArcSight security events, and transports them to destination consumers for analytics, storage, and compliance reporting.

You can apply SmartConnectors CE 24.1.1 (v8.4.4.P1) to:

- Perform a fresh install of the SmartConnectors.
- Upgrade the SmartConnectors from SmartConnectors CE 24.1. (v8.4.4).

Intended Audience

This guide provides information for IT administrators who are responsible for managing the ArcSight software and its environment.

Additional Documentation

The ArcSight SmartConnector documentation library includes the following resources:

- [Technical Requirements Guide for SmartConnector](#), which provides information about operating system, appliance, browser, and other support details for SmartConnector.
- [Installation and User Guide for SmartConnectors](#), which provides detailed information about installing SmartConnectors.
- [Configuration Guides for ArcSight SmartConnectors](#), which provides information about configuring SmartConnectors to collect events from different sources.
- [Configuration Guide for SmartConnector Load Balancer](#), which provides detailed information about installing Load Balancer.

For the most recent version of this guide and other ArcSight SmartConnector documentation resources, visit the [documentation site for ArcSight SmartConnectors](#).

Contact Information

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Release Highlights

The SmartConnector CE 24.1.1 (v8.4.4.P1) release represents some significant enhancements to our connectors. The most requested improvements are centered around:

- Upgrade of Zulu OpenJDK to 8u402
- Software fixes for Microsoft Azure Event Hub and Load Balancer

For detailed information, see ["What's New" on the next page](#).

The Connector Team has worked tirelessly, and in a few cases, have enjoyed the benefits of partnering with some of the customers to overcome some of the issues. The extra effort from the customer success and support teams, and especially customers, in helping the team understand and reproduce some difficult situations in order to improve the SmartConnectors is duly appreciated.

Additionally, the [ArcSight Idea Exchange portal](#), will be updated with affected entries and monitored to help, prioritize, and plan new features for next release.

What's New

SmartConnectors CE 24.1.1 (v8.4.4.P1) incorporates the following SmartConnector updates:

- [Security Updates](#)
- [Software Fixes](#)

Security Updates

SmartConnector Security Updates Application Module	Description
All SmartConnectors and Load Balancer	<p>Upgraded Zulu OpenJDK to 8u402.</p> <p>The following Common Vulnerabilities and Exposures (CVEs) have been addressed as part of this Zulu OpenJDK upgrade:</p> <ul style="list-style-type: none"> • CVE-2024-20918 • CVE-2024-20952 • CVE-2024-20919 • CVE-2024-20921 • CVE-2024-20926 • CVE-2024-20945 • CVE-2024-20923 • CVE-2024-20925 • CVE-2024-20922

Software Fixes

The following issues are fixed in the CE 24.1.1 (v8.4.4.P1) release:

Application Modules Software Fixes	Description
Load Balancer	<p>The HTTP OPTIONS method was enabled for the Load Balancer server.</p> <p>Fix: The issue has been resolved by disabling the HTTP OPTIONS method in the load balancer.</p>
Microsoft Azure Event Hub	<p>The Microsoft schema for the Microsoft Azure Event Hub connector was changed, resulting in the Azure Activity logs not being parsed.</p> <p>Fix: Code changes were made for the new schema to enable the parsing of the Azure Activity logs.</p>

Application Modules Software Fixes	Description
Microsoft Azure Event Hub	<p>The Microsoft schema for the Microsoft Azure Event Hub connector was changed, resulting in the Azure Diagnostic logs not being parsed.</p> <p>Fix: Code changes were made for the new schema to enable the parsing issue of the Azure Diagnostic logs.</p>

Downloading and Applying the Patch

Download the appropriate executable for your platform from the [Software Licenses and Downloads \(SLD\)](#).

The 64-bit executable is available for download for Windows and Linux platforms. Only the 64-bit executable is available for Solaris platforms. Users should move to the Solaris 64-bit platform. There is no upgrade path from the Solaris 32-bit image to the Solaris 64-bit image.

For a successful SmartConnector installation, follow the installation procedures documented in the individual SmartConnector configuration guides available on the [ArcSight Documentation website](#).

To apply the patch for:

- SmartConnectors, see [Upgrading SmartConnectors](#).
- Load Balancer, see the [Upgrading Load Balancer](#) section in *Configuration Guide for SmartConnector Load Balancer*.

Deleting Older Vulnerable Libraries after Upgrading a Connector

When you upgrade a Connector from local, ArcMC, or ESM, it creates a backup of the install directory of the existing connector to facilitate rollback in unforeseen scenarios.

Earlier versions of the connector might have libraries that were vulnerable and were upgraded to non-vulnerable later versions. This might require cleaning all vulnerable libraries from the system manually.



Note: Though the vulnerable libraries are present in the backup folder, the active connector instances do not use these files. Whether you delete the vulnerable libraries or not, these static files will not cause any harm.

Perform the following steps to delete the older vulnerable libraries manually:



Note: This disables the rollback ability. However, you can retain the backup of certain configurations, if required.

Option 1 – Delete only the vulnerable libraries

For Linux:

1. Run the following command: `cd $Arcsight_Home`

The following folders will be displayed:

- **current** (upgraded version of the connector)
- **Xxxxx** (xxxx refers to the build number of connector before upgrade, for example: X8444)

2. Run the following command: `cd Xxxxx/lib/agent`
3. Run the following command to remove the log4j libraries: `rm -rf *log4j*`
4. Run the following command: `cd Xxxxx/system/agent/web/webapps/axis/WEB-INF/lib/`
5. Run the following command to remove the log4j libraries: `rm -rf *log4j*`
6. Run the following command: `cd Xxxxx/lib/agent/axis`
7. Run the following command to remove the log4j libraries: `rm -rf *log4j*`

For Windows:

1. Go to \$Arcsight_Home.

The following folders will be displayed:

- **current** (upgraded version of the connector)
- **Xxxxx** (xxxx refers to the build number of connector before upgrade, for example: X8444)

2. Open the `Xxxxx\lib\agent` folder.
3. Search for **log4j** and delete all the entries.
4. Open the `Xxxxx\system\agent\web\webapps\axis\WEB-INF\lib\` folder.
5. Search for **log4j** and delete all the entries.
6. Open the `Xxxxx\lib\agent\axis` folder.
7. Search for **log4j** and delete all the entries.

Option 2 - Delete the complete backup folder of the existing connector

For Linux:

1. Run the following command: `cd $Arcsight_Home`

The following folders will be displayed:

- **current** (upgraded version of the connector)
- **Xxxxx** (xxxx refers to the build number of connector before upgrade, for example: X8444)

2. Run the following command to delete the backed up folder: `rm -rf Xxxxx` (for example: `rm -rf X8444`)

For Windows:

1. Go to \$Arcsight_Home.

The following folders will be displayed:

- **current** (upgraded version of the connector)
- **Xxxxx** (xxxx refers to the build number of connector before upgrade, for example: X8444)

2. Delete the **Xxxxx** folder manually.

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Feedback on SmartConnector Release Notes (SmartConnectors CE 24.1.1)

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