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# Micro Focus Security ArcSight SmartConnectors

Software Version: 8.4.1 Patch 1

## Release Notes

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Micro Focus  
The Lawn  
22-30 Old Bath Road  
Newbury, Berkshire RG14 1QN  
UK

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# Release Notes for ArcSight SmartConnector

## 8.4.1 Patch 1

This Release Notes document lists SmartConnectors for which patch changes have been made. It also describes steps to apply the current ArcSight SmartConnector patch release and provides other information about recent changes, enhancements, and software fixes.

You can apply 8.4.1 Patch 1 to:

- Perform a fresh install of the SmartConnectors
- Upgrade the SmartConnectors from 8.4.1.

You can access the additional documents from the [Micro Focus Product Documentation website](#).

### 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:

- [Installation and User Guide for SmartConnectors](#), which provides detailed information about installing SmartConnectors.
- [Technical Requirements guide for SmartConnector](#), which provides information about operating system, appliance, browser, and other support details for SmartConnector.
- [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 8.4](#).

### Contact Information

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# SmartConnector 8.4 Patch 1

This patch update has been certified with SmartConnector release 8.4.

## What's New in this Release

 **Important:** If you use any of the SmartConnectors listed in the "Software Fixes" section, note that installing the updated SmartConnector can impact your created content.

This patch release contains the following updates:

## SmartConnector Enhancements

Application Module	Description
<a href="#">Message Trace REST API</a>	Added support for the <b>OAuth2-Client Credentials</b> authentication type to secure REST APIs to collect events from Microsoft Office 365 Message Trace REST API.  For more information, see parameter details in the <a href="#">Configuration Guide for Message Trace Rest API Connector</a> .
<a href="#">Microsoft 365 Defender</a>	Added support for the <b>Certificate-based</b> authentication method for the Microsoft 365 Defender SmartConnector that will make the access token request with the Client Certificate and the same can be used for pulling the APIs.  For more information, see the <a href="#">Configuration Guide for Microsoft 365 Defender</a> .

## Security Updates

SmartConnector Security Updates Application Module	Description
All SmartConnectors and Load Balancer	Upgraded Zulu OpenJDK to 8u362.  The following CVE (Common Vulnerabilities and Exposures) has been addressed as part of this Zulu OpenJDK upgrade: CVE-2023-21830

## Version Updates

Application Module Version Updates	Description
<a href="#">WiNC on Connector Hosting Appliance</a>	Added support for Red Hat Enterprise Linux Server (RHEL) 7.9.

## Known Issues

Application Module	Description
<a href="#">Message Trace REST API</a>	<b>Issues with ArcMC upgrade behaviour in Message Trace REST API connector</b> The ArcMC upgrade behavior in Message Trace Rest API Connector is not working. <b>Workaround:</b> You can perform the upgrade either through ESM or Local.

# 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 [Micro Focus Product Documentation website](#).

To apply the patch for:

- SmartConnectors, see [Upgrading SmartConnectors](#).
- Load Balancer, see the [Upgrading Load Balancer to 8.4.1](#) 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.

# Publication Status

Released: April 28, 2023

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