Micro Focus Security ArcSight SmartConnectors

Software Version: 8.2.0 Patch 4

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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Support

Contact Information

Phone	A list of phone numbers is available on the Technical Support Page: https://softwaresupport.softwaregrp.com/support-contact-information
Support Web Site	https://softwaresupport.softwaregrp.com/
ArcSight Product Documentation	https://www.microfocus.com/documentation/arcsight/

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Release Notes for ArcSight SmartConnector 8.2.0 Patch 4

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.

This patch release contains cumulative updates from 8.2.0 Patch 1, 8.2.0 Patch 2, and 8.2.0 Patch 3.

> ⚠️ **Important**:
> - Install 8.2.0 Patch 4 before you install 8.2.2. If you have already installed 8.2.2, then you must install it again after you have applied this patch.
> - You can apply 8.2.0 Patch 4 directly from any of the following releases:
>   - 8.2.0
>   - 8.2.0 Patch 1
>   - 8.2.0 Patch 2
>   - 8.2.0 Patch 3

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 Guide for ArcSight SmartConnectors*, which provides detailed information about installing SmartConnectors.
- *Configuration Guides for ArcSight SmartConnectors*, which provide information about configuring SmartConnectors to collect events from different sources.

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

Contact Information

We want to hear your comments and suggestions about this book and the other documentation included with this product. You can use the comment on this topic link at the bottom of each page of the online documentation, or send an email to Documentation-Feedback@microfocus.com.

For specific product issues, contact Micro Focus Customer Care.

What's New in this Release

This patch update has been certified with SmartConnector Framework release 8.2.0.

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

SmartConnector 8.2.0 Patch 4

Support for New Devices and Version Updates

SmartConnector for	Description
All SmartConnectors and Load Balancer	- Upgraded Tomcat version to 9.0.62. - Upgraded Zulu OpenJDK to 8u332. - Upgraded the Apache Log4j library version to 2.17.2.

SmartConnector Enhancements

None at this time.

Software Fixes

None at this time.

SmartConnector 8.2.0 Patch 3

Support for New Devices and Version Updates

None at this time.

SmartConnector Enhancements

None at this time.

Software Fixes

SmartConnector for	Description
All SmartConnectors	The Apache Log4j library version 2.16.0 has now been included in the application to address the critical vulnerabilities CVE-2021-45046 and CVE-2021-44228.

SmartConnector 8.2.0 Patch 2

Support for New Devices and Version Updates

None at this time.

SmartConnector Enhancements

SmartConnector for	Description
All Connectors	The maximum limit for number of events that can be stored in each Avro file has now been increased to 50,000.

All Connectors (configured with Amazon S3 Destination)	Until 8.2.0 Patch1 release, connector had higher local storage requirement.
	
	Following changes are made to the storage requirement from the Patch 2 release:
	
	• Earlier, files that were successfully uploaded to Amazon S3 bucket were retained locally for 5 days, by default. From this release, the files that are successfully uploaded to Amazon S3 will not be retained locally, by default. To retain files, set the value for the following property in minutes in the **agent.properties** file:
	
	`transport.avroawss3.file.s3done.retention.minutes=0`
	
	If you set the retention period to higher than zero, then you must define the cleanup frequency in the following property:
	
	`transport.avroawss3.s3donefile.cleanup.interval.minutes=1`
	
	The retained files are cleared periodically as per the value specified for this property.
	
	• If a connector is unable to send the output to Amazon S3, for any reason, such files are cached locally for 6 hours, by default. To modify the default value, specify a different value in minutes for the following property in minutes in the **agent.properties** file:
	
	`transport.avroawss3.file.done.retention.minutes=360`
	
	To periodically clear the cache, specify a value in minutes for the following property:
	
	`transport.avroawss3.donefile.cleanup.interval.minutes=60`

Software Fixes

SmartConnector for	Description
All SmartConnectors	The Amazon S3 bucket owner was unable to read the events in Avro format, because the connector was configured with a user from an another AWS account other than the owner of the Amazon S3 bucket. **Fix**: The Amazon S3 bucket has been configured with the appropriate Access Control List (ACL).
All SmartConnectors	The Syslog connectors configured with Amazon S3 destination had performance issue at higher EPS. **Fix**: The performance of Syslog connectors configured with Amazon S3 destination has been improved.

SmartConnector 8.2.0 Patch 1

Support for New Devices and Version Updates

None at this time.

SmartConnector Enhancements

SmartConnector for	Description
Amazon Web Services CloudWatch	Added support for Python 3.8 in AWS Lambda.

Software Fixes

SmartConnector for	Description
Model Import Connector for MISP (Open Source Threat Intelligence and Sharing Platform Solution)	In ArcSight Console, the indicatorType column was being displayed as suspicious for all indicators. This was happening because, in the latest version of MISP MIC, extra fields were getting added in tags. **Fix**: The additional fields have been handled in the tags. Therefore, all the indicatorTypes are populating appropriately now.
• ArcSight FlexConnector REST • ArcSight Common Event Format REST	The installation and upgrade of the ArcSight FlexConnector REST and ArcSight Common Event Format REST connectors fail with the following error: `Fatal Error: Parameter state is not registered. Agent has not been correctly initialized` **Fix**: The state parameter has been registered now.

Downloading and Applying this 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 this patch for the ArcSight FlexConnector REST and ArcSight Common Event Format REST connectors, see Upgrading SmartConnectors.

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