



Hewlett Packard
Enterprise

HPE Security ArcSight Connectors

SmartConnector Parser Update Release Notes

7.3.2.7947.0

October 28, 2016

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SmartConnector Parser Release 7.3.2.7947.0

These notes list SmartConnectors for which parser changes have been made and describe how to apply this latest ArcSight SmartConnector parser release.

Installation of the updated SmartConnectors can impact your created content. HPE advises you to verify the content you created before deploying the SmartConnector into your production environment.

Configuration guides for the SmartConnectors updated with this release are available from Protect 724: <https://www.protect724.hpe.com/community/arcshint/productdocs/connectors>

For successful SmartConnector configuration, follow the procedures documented in the individual SmartConnector configuration guides.

Supported Version

This parser update has been certified with SmartConnector Framework release 7.3.0.7886.0. Use of this update with earlier framework releases is not supported.

Obtain Parser Release AUP File

ArcSight Marketplace

The monthly ArcSight SmartConnector parser update releases are posted to the ArcSight Marketplace. ArcSight Marketplace is an app store that enables rapid provisioning of your ArcSight SIEM deployment with content updates and trusted security content packages.

An ArcSight Marketplace administrative account is required to download and install the monthly connector parser updates. Browse to the Marketplace at <https://marketplace.saas.hpe.com/arcshint> to set up your administrative account.

HPE SSO

The monthly ArcSight SmartConnector parser update releases are also posted to HPE Software Support Online (SSO) (<https://softwaresupport.hpe.com/>). All HPE Software contract customers have access to Software Support Online through their [HPE Passport](#).

Version Updates

SmartConnector for	Version
Cisco PIX/ASA Syslog	9.6
Tenable Nessus .nessus File	6.8

SmartConnector Enhancement

SmartConnector for	Number	Description
Dell ChangeAuditor DB	CON-16037	Enhanced parser to support more mappings.

Fixed Issues

SmartConnector for	Number	Description
Blue Coat Proxy SG Syslog	CON-17262	Some events were not being parsed. This issue has been fixed.
Cisco PIX/ASA Syslog	CON-17344	Some ASA-4-106023 events were parsed incorrectly with a null destination port. This issue has been fixed.
	CON-17806 CON-17807 CON-17808	Events 302013, 113005, 720042, and 720041 were not being parsed. These issues have been fixed.
Microsoft Windows Event Log – Native	CON-17714	Added three fields to support extra information mapping for event 4738: OldUacValue, NewUacValue and UserAccountControl.
Pulse Secure Pulse Connect Secure Syslog	CON-17255 CON-17437 CON-17487 CON-17562 CON-17729	Some events were not being parsed. This issue has been fixed.
UNIX OS Syslog	CON-17548	Some events were missing the Source IPv6 Address mapping. This issue has been fixed.

Known Limitations

Upgrading remotely using ArcMC when Windows path to connector contains a space

When upgrading connectors residing on a Windows platform through ArcMC, the upgrade will fail when there is a space in the path to the connector location. This will be fixed in a future SmartConnector release. [CON-17874]

Workaround: Use the script and upgrade locally as described in [Upgrade Locally to this Parser Release](#) procedure.

Updating the parser AUP as a non-root user fails

SmartConnector framework version 7.3.0 can be installed and run as non-root user, however a root updating to the 7.3.2.7910.0 Parser AUP releaser requires a root user to be successful. [CON-18386]

Updated Configuration Guides

SmartConnector configuration guides for the following devices have been updated for this release and are posted to the ArcSight Connector Documentation page on Protect 724 at:

<https://www.protect724.hpe.com/community/arcsight/productdocs/connectors>.

Cisco PIX/ASA Syslog

Added support for ASA 9.6 events.

Dell ChangeAuditor DB

Added support for versions 6.5 and 6.7 events.

Microsoft Windows Event Log – Native Security Event Mappings

Added mappings to Event 4738.

Tenable Nessus .nessus File

Added support for version 6.8 and updated mappings. Removed support for versions 4.0, 4.2, 4.4, and 5.0 due to end of support by vendor.

Tenable SecurityCenter XML File

Updated mappings in SecurityCenter XML Vulnerabilities Mappings table with 'Device Custom Number 1' and 'Old File Name' mappings.

Verify Your Upgrade Files Obtained from SSO

After you obtain the parser release file from SSO, and before you upgrade, HPE provides a digital public key for you to verify that the signed software you received is indeed from HPE and has not been manipulated in any way by a third party.

Visit the following site for information and instructions:

<https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=HPLinuxCodeSigning>

Upgrading to the 7.3.2.7947.0 Parser Release

The following sections document the multiple options for upgrading to this parser release:

- [Upgrade Locally to this Parser Release](#)
- [Upgrade Remotely Using ArcSight Management Center](#)

Upgrade Locally to this Parser Release

Before starting this procedure, verify that you are running the SmartConnector framework version 7.3.0.7886.0. Upgrading to a 7.3 parser AUP release to a SmartConnector release earlier than 7.3.0.7886.0 is not supported by HPE ArcSight.

Note: SmartConnector framework version 7.3.0 can be installed and run as non-root user, however a root updating to the 7.3.2.7910.0 Parser AUP releaser requires a root user to be successful.

To **upgrade locally** to this parser release:

1. Download the appropriate parser release upgrade AUP file from the ArcSight Marketplace site (<https://marketplace.saas.hp.com/arc sight>) at Categories > SmartConnectors or from SSO (<https://softwaresupport.hp.com/>)
2. Stop the SmartConnector.
3. To perform the parser upgrade, run the command:

```
arcsight parseraupupgradelocal [your_upgrade_to_parser].aup [your_ignore_warning_flag]
```

where:

[your_upgrade_to_parser].aup is the full path of the upgrade to parser AUP file (the file downloaded in step 1.) This file will be moved by the upgrade script. Verify that no other process is holding this file. Verify that the logged in user has both execute and write permissions for the selected directory.

[your_ignore_warning_flag] is the true/false flag indicating whether you want to ignore the “Parser AUP has later version than the connector” warning

4. The connector will be started automatically after upgrade has completed.

Upgrade Remotely to this Parser Release Using ArcMC

Before upgrading, have the latest version of the *HPE Security ArcSight Management Center Administrator's Guide* available for any questions.

Note: Updating the parser AUP with ArcMC requires ArcMC version 2.5 or later.

You can upgrade to the new parser release from ArcMC either directly from Marketplace using ArcMC or from your ArcMC repository. See the following sections for details:

- [From Marketplace Directly](#)
- [From SSO or Marketplace, then Apply from the ArcMC Repository](#)

From Marketplace Directly

Before starting this procedure, connector must be running. If you have not already done so, create your administrative account on the ArcSight Marketplace.

To upgrade directly from Marketplace:

1. Click **Node Management** in ArcMC.
2. In the navigation tree, navigate to the host on which the container resides.
3. Select the container to be upgraded.
4. Click the **Upgrade** button.
5. (If not logged into Marketplace) On the upgrade page, click on “Save ArcSight Marketplace User” to enter your Marketplace credentials. This is a one-time task, unless you need to update your credentials.
6. Under **Select Upgrade Type**, choose **Parser upgrade**.
7. From the **Select Upgrade Version** down-down list, select the 7.3.2.7947.0 (Latest) parser upgrade AUP file.
8. Click **Upgrade**.
9. Verify in the Details column, under “Parser upgrade file push status”, that the file was successfully pushed to the container. It signifies that the parser upgrade file was automatically downloaded to your repository. Status will show “Successful.”
10. Wait while connectors restart automatically.

11. Use the [Verify Uploaded Parser Upgrade Version](#) procedure to determine the parser AUP file in use.

From SSO or Marketplace, then Apply from the ArcMC Repository

Prior to performing an upgrade of a container, you will need a connector AUP file of the new parser version in your ArcMC repository.

This is a two-part process:

- Uploading the parser release AUP file to the repository from Marketplace or SSO
 - Applying the parser upgrade to all connectors in a container
- Note:** If the new parser release AUP file (7.3.2.7947.0) already exists the repository, go to the next procedure to apply the parser upgrade.

To upload the new parser release AUP file to your repository:

1. Download the parser release upgrade AUP file for the connector from the ArcSight Marketplace (<https://marketplace.saas.hpe.com/arcSight>) by selecting Categories > SmartConnectors or go to SSO (<https://softwaresupport.hpe.com/>).
2. Log in to the ArcMC browser-based interface.
3. Go to **Administration > Repositories**.
4. In the navigation tree, pick **Upgrade Files**.
5. Click **Upload** from the management panel.
6. Click **Browse** and select the file you downloaded earlier. Click **Open**.
7. Click **Submit**. The file is uploaded.

You can now use the AUP upgrade file in the repository when you are ready to upgrade a container or containers to a specific version using the procedure.

To apply the parser upgrade AUP file to all connectors in a container:

1. Click **Node Management**.
2. In the navigation tree, navigate to the host on which the container resides.
3. Click the **Containers** tab.
4. On the **Containers** tab, select one or more containers to upgrade.
5. Click **Upgrade**.
6. On the upgrade page, under **Select Upgrade Type**, choose **Parser upgrade**.
7. Under **Select Upgrade Version**, from the drop-down list, choose the parser release AUP file version to which you want to use to upgrade the selected containers.
8. Click **Upgrade**. The upgrade is performed on all containers.

See “Upgrading All Connectors in a Container” in the *HPE Security ArcSight Management Center Administrator’s Guide* for complete upgrade instructions.

Roll Back to a Previous Version

Users can roll back to a previous version by using any of three methods suggested for upgrading:

1. Apply the previous version of parser AUP [locally](#).
2. Apply the previous version of parser AUP [directly from Marketplace](#)
3. Upload the previous version of the parser AUP to the ArcMC repository from SSO or Marketplace, then [apply from ArcMC repository](#).

Verify the Parser Version AUP in Use

The parser upgrade file in use can be verified in ArcMC or in the agent logs.

In ArcMC

1. Go to **Node Management > View All Nodes**.
2. In the navigation tree, navigate to the host on which the container resides.
3. Verify that value in the **Parser Version** column matches the version number of the recent upgrade.

In the Agent Logs

1. Check the `logstatus` in the agent logs.
2. Search for “Parser AUP Version=” in the log.

Example: `Parser AUP Version=7.3.2.7947.0`