



# Micro Focus Security ArcSight Connectors

## SmartConnector Parser Update Release Notes

7.12.1.8159.0

May 17, 2019

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**Contact Information**

<b>Phone</b>	A list of phone numbers is available on the Technical SupportPage: <a href="https://softwaresupport.softwaregrp.com/support-contact-information">https://softwaresupport.softwaregrp.com/support-contact-information</a>
<b>Support Web Site</b>	<a href="https://softwaresupport.softwaregrp.com/">https://softwaresupport.softwaregrp.com/</a>
<b>ArcSight Product Documentation</b>	<a href="https://community.softwaregrp.com/t5/ArcSight-Connectors/tkb-p/connector-documentation">https://community.softwaregrp.com/t5/ArcSight-Connectors/tkb-p/connector-documentation</a>

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# SmartConnector Parser Release 7.12.1.8159.0

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

## To Verify Your Upgrade Files

Micro Focus provides a digital public key for you to verify that the signed software you received is indeed from Micro Focus and has not been manipulated in any way by a third party.

Visit the following site for information and instructions:

<https://entitlement.mfgs.microfocus.com/ecommerce/efulfillment/digitalSignIn.do>

Note: If a Parser Override was provided, see if the Bug or Feature Request number is included in the Fixed or Enhancements Section. If the number is not listed, do not upgrade the Connector. You may test the upgrade in a STAGE (staging) environment to make sure it works as expected prior to upgrading it in PROD (production).

## Supported SmartConnector Version

This parser update has been certified with SmartConnector Framework release 7.12.0.8149.0. 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.microfocus.com/arcSight> to set up your administrative account.

### MICRO FOCUS PROTECT 7/24

The monthly ArcSight SmartConnector parser update releases are also posted to Protect 7/24 (<https://community.softwaregrp.com/t5/Protect724/ct-p/Protect724>).

## New Component or Version

SmartConnector for	Number	Description
Oracle Audit DB	CON-21856	New support for Oracle 12.cR2/18c.
Symantec Data Center Security DB	CON-20062	New support for Symantec Data Center Security DB v 6.7
McAfee ePolicy Orchestrator DB	CON-21192	Added support for McAfee Application and Change Control (SolidCore) 6.2 with ePO 5.3.
Symantec Endpoint Protection DB	CON-21477	Added Virus Category mappings. Added Agent Packet 14 mappings

Oracle Audit XML File	CON-21861	New support for Oracle 12cR2 and Oracle 18c
Oracle SYSDBA Audit Multiple Folder DB	CON-21871	
Oracle Audit Syslog	CON-21857	New support for Oracle 18c
Oracle Audit Windows Event Log Native	CON-21859	
UNIX Login/Logout File	CON-21851	Added support for UNIX Login/Logout File RHEL 7.6 events
Dell ChangeAuditor DB	CON-20510	Added support for version 6.9

## Fixed Issues

SmartConnector for	Number	Description
MS DNS Trace Log Multiple Server File	CON-17863	Some events were not being parsed correctly.
Oracle Audit Syslog	CON-21914	Some events were not being parsed correctly.
All SmartConnectors v7.5.1	CON-19016	Some events were not being parsed correctly.
Juniper JUNOS Syslog	CON-21974 CON-21071 CON-21245	Some events were not being parsed.
Cisco ISE Syslog	CON-21835	Some events were not being parsed.
HPE Aruba Mobility Controller Syslog	CON-22057	Some events were not being parsed correctly.
Cisco ASA Syslog	CON-22014	Some events were not being parsed.
MS Windows Event Log Native	CON-19634	Some events were not being parsed correctly.
Cisco IronPort Email Security Appliance File	CON-22259	Some events were not being parsed.
Juniper Firewall ScreenOS Syslog	CON-20960 CON-20906	Some events were not being parsed.
Cisco Secure ACS Syslog	CON-22081	Raw events length reached the limit. Note added to configuration guide.
McAfee Network Security Manager DB (ID-based)	CON-19861	A "Severe Network Attack" error popped when an old event was received.
McAfee Network Security Manager DB (Time-based)	CON-22277	A "Severe Network Attack" error popped when an old event was received.

OracleUnifiedAuditDB	CON-22012	Destination Host Name field was not being populated. Device Version field mapped incorrectly with Parser Version ID.
Citrix NetScaler Syslog	CON-20596	Some events were not being parsed.

## Enhancements

SmartConnector for	Number	Description
McAfee ePolicy Orchestrator DB	CON-20404	Updated event mappings for Endpoint Security (ENS) Events with ePO 5.3/5.9 and VirusScan Enterprise 8.8 Events with ePO 5.1/5.3/5.9 sections.
	CON-20175	
	CON-21389	
Symantec Endpoint Protection DB	CON-21833	Added Virus Category mappings.
Linux Audit Syslog/ Linux Audit File	CON-21290	Added and updated Mappings to ArcSight Fields.
MS Forefront Threat Management Gateway File	CON-22004	Updated Threat Management Gateway 2010 Web Proxy Service Log Mappings and Threat Management Gateway Firewall Service Log Mappings
MS Office 365	CON-21641	Added Azure AD Common Mappings.
Apache HTTP Server Syslog	CON-22020	Added Apache HTTP Server Syslog Mappings.
Squid Web Proxy Server File	CON-22062	Updated Squid Web Proxy Server Mappings
IBM SiteProtector DB	CON-18978	Added support to multiple timestamp starttime and endtime formats.

## Connector End-of-Life Notices

### SMARTCONNECTOR SUPPORT ENDING SOON

### SMARTCONNECTORS SUPPORT RECENTLY ENDED

#### Support Ending 4/28/2018

Support ending for all 32-bit SmartConnectors – Use 64-bit SmartConnectors.

#### Support Ended 11/15/2017

Lumension PatchLink Scanner DB – Product no longer available.

## **Support Ended 10/17/2017**

Apache HTTP Server Access File (Legacy) – Use the SmartConnector for Apache HTTP Server Access Multiple File.

Cisco Content Services Switch Syslog (Legacy) – Support ended due to end of support by vendor.

Cisco Firewall Services Module Syslog (Legacy) – Support ended due to end of support by vendor.

Cisco Router non-IOS Syslog (Legacy) – Use the SmartConnector for Cisco IOS Syslog.

Cisco VPN Syslog (Legacy) – Use the SmartConnector for Cisco ASA Syslog.

eEye REM Security Management Console DB (Legacy) – Support ended due to end of support by vendor.

IBM Lotus Domino DB (Legacy) – Support ended due to lack of ODBC support with Java 8.

IBM Tivoli Access Manager File (Legacy) – Support ended due to end of support by vendor. For future product support, use the SmartConnector for IBM Security Access Manager Syslog.

IBM Tivoli Access Manager XML File (Legacy) – Support ended due to end of support by vendor. For future product support, use the SmartConnector for IBM Security Access Manager Syslog.

QoSient ARGUS (Legacy) – Support ended due to lack of customer demand.

RSA Identity Management Service SNMP (Legacy) – Use the SmartConnector for SNMP Unified.

Sun ONE Web Access Server File (Legacy) – Use the SmartConnector for Sun ONE Web Access Server Multiple File.

VMware ESXi Syslog – Support ended for vCenter versions 2.5, 3.5, 4.0, and 5.0 and ESX/ESXi servers 3.0, 4.0, and 5.0 due to end of support by vendor.

## **Support Ended 08/15/2017**

VMware Web Services – Support ended for vCenter versions 2.5, 3.5, 4.0, and 5.0 and ESX/ESXi servers 3.0, 4.0, and 5.0 due to end of support by vendor.

## **Support Ended 06/15/2017**

Rapid7 NeXpose XML File – Support ended for versions 4.0 through 4.12 due to end of support by vendor.

## **Support Ended 05/15/2017**

IBM SiteProtector – Support ended for versions 2.0 through 3.0 due to end of support by vendor.

IBM WebSphere – Support ended for versions 4.0, 5.0, 6.0, and 6.1 due to end of support by vendor.

IP Flow (NetFlow/J-Flow) – End of support for NetFlow and J-Flow version 5. For most current IP flow support, use the SmartConnector for IP Flow Information Export (IPFIX).

ISC BIND Syslog – Support ended for BIND versions 9.3 and 9.5 due to end of support by vendor.

Juniper JUNOS Syslog – Support ended for versions 9.6 through 11.4 due to end of support by vendor.

Juniper Network and Security Manager Syslog – Support ended for 2010.3, 2010.4, 2011.1, 2011.4, and 2012.1 due to end of support by vendor.

McAfee Network Security Manager Syslog – Support ended for IntruShield versions 1.2, 1.8, and 2.1 and NSM 5.1 and 6.0 due to end of support by vendor.

McAfee Vulnerability Manager DB – Support ended for versions 6.8 and 7.0 due to end of support by vendor.

MessageGate Syslog – Support ended because company no longer exists.

SNMP Unified – Support ended for IBM Lotus Domino SNMP 7.0 and 8.0 due to end of support by vendor.

## 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 Micro Focus Software Community at:

<https://community.softwaregrp.com/t5/ArcSight-Connectors/tkb-p/connector-documentation>

## Verify Your Upgrade Files Obtained from SSO

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

Visit the following site for information and instructions:

<https://entitlement.mfgr.microfocus.com/ecommerce/efulfillment/digitalSignIn.do>

## Upgrading to the 7.12.1.8159.0 Parser Release

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

- [Upgrade Locally to this Parser Release](#)
- [Upgrade Remotely](#)

### Upgrade Locally to this Parser Release

Before starting this procedure, verify that you are running the SmartConnector framework version 7.12.0.8149.0. Applying this parser AUP release update to any SmartConnector release earlier than 7.12.0.8149.0. is not supported by Micro Focus ArcSight.

To upgrade locally to this parser release:

1. Download the appropriate parser release upgrade AUP file from the ArcSight Marketplace site (<https://marketplace.microfocus.com/arcSight>) at **Categories > SmartConnectors** or from SSO (<https://softwaresupport.softwaregrp.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 *Micro Focus 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:

1. From Marketplace Directly
2. 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 **7.12.1.8159.0** (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 the Parser Version AUP in Use](#) 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 (7.12.1.8159.0) 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.microfocus.com/arcSight>) by selecting **Categories > SmartConnectors** or go to SSO (<https://softwaresupport.softwaregrp.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 *Micro Focus 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. Find the agent.log file at: /ArcSight\_Home/current/logs
2. Search for the latest occurrence of the line in the log file that contains "ArcSight Parser Version."  
Example:

```
<CODE MAP: '7.12.1.8159.0'>  
<ArcSight Connector Version: 7.12.1.8159.0>  
<ArcSight Parser Version: 7.12.1.8159.0>
```