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ArcSight ESM

Software Version: 4.3

ESM Default Content 4.3 Release Notes

Document Release Date:
Software Release Date:

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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/

Contents

What's New

ESM Default Content 4.3 adds new content to the Security Threat Monitoring package to help you monitor your Windows and Linux environments.

Security Threat Monitoring

4.3 includes four new rules to help you detect unwanted processes, Wi-Fi and device driver discovery, and Network Provider DLL modifications.

Rule Name	Tactic/Technique	Description	Location	Log Source	Events Monitored
Process Executed with non-Executable Extension	Defense Evasion T1036.008	Detects abnormal process executions from the following non-executable file types: .txt, .jpg, and .png.	/All Rules/ArcSight Foundation/Security Threat Monitoring/Application Monitoring	Windows	Microsoft-Windows-Security-Auditing: 4688
Possible WIFI Discovery	Discovery T1016.002	Detects attempts to enumerate information about Wi-Fi networks.	/All Rules/ArcSight Foundation/Security Threat Monitoring/Network Monitoring	Windows	Microsoft-Windows-Security-Auditing: 4688

Rule Name	Tactic/Technique	Description	Location	Log Source	Events Monitored
Device Driver Discovery	Discovery T1652	Detects attempts to enumerate local device drivers on a victim host.	/All Rules/ArcSight Foundation/Security Threat Monitoring/Host Monitoring/Device Driver Discovery	Windows Linux	Microsoft-Windows-Security-Auditing: 4688 Microsoft-Windows-PowerShell: 4104 Microsoft-Windows-PowerShell: 800 Microsoft-Windows-Sysmon:1 SYSCALL|execve|success
Network Provider DLL Modified Using Registry	Defense Evasion T1556.008	Detects Network Provider DLL modification using Registry.	/All Rules/ArcSight Foundation/Security Threat Monitoring/Host Monitoring/Network Provider DLL Modified Using Registry	Windows	Microsoft-Windows-Security-Auditing: 4688 Microsoft-Windows-PowerShell: 4104 Microsoft-Windows-PowerShell: 800 Microsoft-Windows-Sysmon:1

Updated Content

ESM Default Content 4.3 includes updated content for Security Threat Monitoring.

Security Threat Monitoring

The following rules have been updated for Security Threat Monitoring 4.3.

Tactic/Technique	Rule Name	What Changed
Discovery T1217-Browser Information Discovery	Browser Information Discovery	Name change. Browser Bookmark Discovery has been renamed to Browser Information Discovery
Exfiltration T1567.003	Possible Exfiltration to Text Storage Sites	Improved rule performance.

ESM Requirements

Requires ArcSight ESM 7.2 or later.

Log Source Requirements

Security Threat Monitoring and Threat Intelligence Platform require the use of ArcSight SmartConnectors.

ArcSight Threat Acceleration Program Connector

Arcsight Threat Acceleration Program Connector is essential for the Threat Intelligence Platform's capabilities.

Other Log Source Requirements

Log Source	Requirement
Amazon Web Services	SmartConnector for Amazon Web Services CloudTrail
Linux Audit	ArcSight Linux Audit File SmartConnector
Microsoft IIS File	SmartConnector for Microsoft IIS File
Microsoft Office 365	ArcSight Microsoft 365 Defender SmartConnector
Microsoft Windows	ArcSight Microsoft Windows Connector SmartConnector

Security Threat Monitoring and Threat Intelligence Platform have rules and other resources that require SmartConnectors to catch and provide information about events. Information about the log sources associated with each rule are listed in the rule's documentation. You can find the relevant SmartConnector in the SmartConnector Grand List (A-Z).

Note: For log sources like IDS, Proxy, and Firewall, there are a range of SmartConnectors available. You can choose the connectors that best suite your environment from the SmartConnector Grand List.

Deployment

ArcSight Marketplace has two .zip files for the ESM 4.3 Default Content release:

- Security_Threat_Monitoring4.3.zip
  - Security_Threat_Monitoring4.3.arb
  - ESM4.3DefaultContentReleaseNotes.pdf
  - Security_ThreatMonitoring4.3.arb.sig
- Threat_Intelligence_Platform4.3.zip
  - Threat_Intelligence_Platform4.3.arb
  - ESM4.3DefaultContentReleaseNotes.pdf
  - Threat_Intelligence_Platform4.3.arb.sig

Verifying the Downloaded Installation Software

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

Tip: Evolving security needs imply the renewal of certificates for the signature verification procedure. To ensure a successful verification of your product signature, download the latest public keys file before proceeding with the verification process (step 1 of the Get the Public Keys procedure).

Visit the following site for information and instructions:

https://support.microfocus.com/kb/doc.php?id=7025140

Updating or Installing Security Threat Monitoring 4.3

Important: If you customized standard resources in the resource's original location, back up the resources to an .arb file (exclude related resources) before you upgrade. If you copied the resources to a custom group and then customized them, the upgrade does not impact the custom group.

1. Download Security_Threat_Monitoring4.3.zip.
2. Extract the zipped files.

3. Go to the ArcSight Console.
4. Click **Packages**.
5. Click **Import**.
6. Select the corresponding .arb.
7. Follow the prompts to install or update this package.

Installing Threat Intelligence Platform 4.3

1. Download Threat_Intelligence_Platform4.3.zip.
2. Extract the zipped files.
3. Go to the ArcSight Console.
4. Click **Packages**.
5. Click **Import**.
6. Select the corresponding .arb.
7. Follow the prompts to import and install this package.

Updating Threat Intelligence Platform 4.3

This section contains two sets of instructions for updating the Threat Intelligence Platform 4.3 package. Start with the option that applies to you.

Important: If you customized standard resources in the resource's original location, back up the resources to an .arb file (exclude related resources) before you upgrade. If you copied the resources to a custom group and then customized them, the upgrade does not impact the custom group.

Important: Upgrading ESM Default Content from 3.x to 4.3 has specific instructions that must be completed to install the new package.

- 3.x to 4.3
- 4.0 to 4.3

3.x to 4.3

1. Uninstall /ArcSight Foundation/Threat Intelligence Platform.

   Make sure all resources, especially active lists, have been removed from /ArcSight Foundation/Threat Intelligence Platform.

2. Restart the ESM Manager (`/opt/arcsight/services/init.d/arcsight_services stop manager`, then start manager).

   Note: If you do not restart the Manager, you will receive the following error: :Install Failed: invalid field name: creatorOrg".

3. Download Threat_Intelligence_Platform4.3.zip.
4. Extract the zipped files.
5. Go to the ArcSight Console.
6. Click **Packages**.
7. Click **Import**.
8. Select the corresponding .arb.
9. Follow the prompts to install this package.
10. After the initial install finishes, right-click **Threat Intelligence Platform** and click **Install Package**.

Note: If you get the error message below during installation, please select "Always skip DrilldownLists" and continue the installation. Some drilldown functions might not work properly.

Error:
/All Query Viewers/ArcSight Foundation/Threat Intelligence Platform/Top Threat Intelligence Security Incidents by Attacker
Not Enough Privileges
Not enough privileges to modify '/All Drilldown Lists/Attachments/IoP7xRXABABCrr+s40+xvZQ==/Drilldown List for Top Threat Intelligence Alerts by Attacker

4.0 to 4.3

1. Download Threat_Intelligence_Platform4.3.zip.
2. Extract the zipped files.
3. Go to the ArcSight Console.
4. Click **Packages**.
5. Click **Import**.
6. Select the corresponding .arb.
7. Follow the prompts to import and install this package.

Important: All Threat Intelligence Platform resources have been rebranded from Galaxy Threat Acceleration Program (GTAP) to ArcSight Threat Acceleration Program (ATAP) with the exception of the column names in these active lists:

- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Suspicious Addresses List
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Suspicious Domain List
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Suspicious Email List
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Suspicious Hash List
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Suspicious URL List
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Additional Suspicious Addresses
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform//Additional Suspicious Domain
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Additional Suspicious Email
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Additional Suspicious Hash
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Additional Suspicious URL
- /All Active Lists/ArcSight Foundation/Threat Intelligence Platform/Track ATAP Connector Type

Uninstallation Process

Right-click the package from the ArcSight Console, then select **Uninstall Package**.

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Feedback on ESM Default Content 4.3 Release Notes (ESM 4.3)

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We appreciate your feedback!