Micro Focus
ArcSight Management Center

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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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ArcSight Product Documentation on the Micro Focus Security Community

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/#gsc.tab=0

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About ArcSight Management Center

ArcSight Management Center (ArcMC), part of the ArcSight Platform, is a centralized management tool that simplifies security policy configuration, deployment maintenance, and monitoring in an efficient and cost-effective way.

ArcMC offers these key capabilities:

- **Management and Monitoring:** A single management interface to administer and monitor ArcSight managed nodes, such as: Transformation Hub, Loggers, Collectors, Connectors, Connector Appliances, and other ArcMC instances.

  The table below clarifies the management of ArcMC and Fusion ArcMC (part of the containerized ArcSight Suite as a component of the Fusion capability) instances:

	Manages	Do not Manage
ArcMC	ArcMC	Fusion ArcMC
Fusion ArcMC	ArcMC	Fusion ArcMC

- **Connector Deployment:** Remotely deploy and manage connectors across your network.
- **SmartConnector Hosting:** For the hardware appliance, ArcMC hosts SmartConnectors.

ArcMC includes these benefits:

- Rapid implementation of new and updated security policies
- Increased level of accuracy and reduction of errors in configuration of managed nodes
- Improves operational capabilities and lower total cost of ownership

What's New in this Release

This version of ArcMC includes the following new features and enhancements:

- Improved alert notifications by customizing email notification lists or importing parameters from a CSV file
- Security updates and general performance improvements have been added to this release
- Miscellaneous resolved issues listed under Closed Issues.

More Information

For detailed information about ArcMC features and functionality, refer to the ArcMC Administrator's Guide, and other documentation, available from the ArcSight Product Documentation Community.

Technical Requirements

For ArcSight Management Center

Server	For software form factor:
	• Red Hat Enterprise Linux (RHEL) 8.6, 8.4, 7.9.
	• Additionally, for RHEL7.x installation of software ArcMC: See *"Prerequisite for ArcMC Installation or Upgrade on RHEL 7.x" on page 9*.
	• CentOS 7.9.
	For appliance upgrade: Red Hat Enterprise Linux 7.9.
Client System	• Windows 7, 8, 10
	• RHEL 7.8, 7.9, 8.1, 8.2, 8.3, 8.4.
CPU	1 or 2 Intel Xeon Quad Core (or equivalent)
Memory	• 16 GB RAM
	• 80 GB Disk Space (for software form factor)
Supported Client Browsers	• Microsoft Edge (latest version as of release date)
	• Firefox ESR (latest version as of release date)
	• Google Chrome (latest version as of release date)
Screen Resolution	Optimal screen resolution is 1920x1200
Hardware Models	For upgraded deployments, model C670X running RHEL 7.9.

For Managed ArcSight Products

Managed Node	Form Factor	Supported Product Versions	Certified Product Versions	Appliance Model
ArcMC	Software and Appliance	3.1.3 3.1.2 3.1.1 3.1.0 3.0.5 3.0.4 3.0.0 P3 3.0.0 P2 3.0.0 2.9.6 2.9.5	3.2.0	C6700
SmartConnector	Software	8.3.0 8.2.0 8.1.0 8.0.0	8.4.0	
Collector	Software	8.2.0 8.1.0 8.0.0	8.4.0	
Logger	Software and Appliance	7.2.1 7.2.0 7.1.1	7.2.2	L7700
Transformation Hub	Software	3.5.0 3.4.0	3.6.0	
ESM	Software	7.5.0 7.4.0	7.6.0	

Installer 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

The installation package is available for download from the entitlements page at https://entitlement.mfgs.microfocus.com. The installer files for ArcSight Management Center 3.2.0 are named as follows:

- **For ArcMC:** `ArcSight-ArcMC-3.2.0.<build_number>.0.bin`
- **Software installer for use remotely with ArcMC Node Management as well as local upgrade:** `arcmc-sw-<build_number>-remote.enc`
- **For ArcMC Appliance (Upgrade Only):** `arcmc-<build_number>.enc`
- **ArcMC Agent Installer:** The ArcMC Agent installer for all appliance nodes, and all types of software nodes, is bundled with the ArcMC installer file. You can remotely install or upgrade the ArcMC Agent on a managed node directly from ArcMC, as follows:
- You can install the ArcMC Agent when you are adding the nodes through Node Management (**Add Host** section). For more information, see to **Chapter 2: Software Installation / Installing the ArcSight Management Center Agent** in the ArcMC Administrator's Guide. For information about upgrading the agent on managed nodes check **Chapter 5: Managing Nodes / Updating (or Installing) the ArcMC Agent.**
- You can install or upgrade the ArcMC Agent remotely from a managing ArcMC server on all managed appliance nodes (Logger Appliance and ArcMC Appliance).
- You can install or upgrade the ArcMC agent for remotely managed software nodes which are ArcMC v2.2 and Logger v7.0 or later.

> **Note:** The ArcMC Agent cannot be upgraded or installed remotely on earlier versions of ArcMC and Logger, nor for any Connector Appliance-managed node. For these node types, you must use the manual installer named `ArcSight-ArcMCAgent-3.2.0.<build_number>.0.bin`.

Prerequisite for ArcMC Installation or Upgrade on RHEL 7.x

Before installing or upgrading ArcMC on Red Hat Enterprise Linux (RHEL) 7.x, you must modify the inter-process communication (IPC) setting of the `logind.conf` file.

To modify the logind.conf file for RHEL 7.x:

1. Navigate to the `/etc/systemd` directory, and open the `logind.conf` file for editing.

2. Find the `RemoveIPC` line. `RemoveIPC` should be active and set to *no.* (Remove the # sign if it is there, and change the yes to no if necessary. The correct entry is: `RemoveIPC=no`).

3. Save the file.

4. From the `/etc/systemd` directory, enter the following command to restart the systemd-logind service and put the change into effect: `systemctl restart systemd-logind.service`

After you have modified this setting and met all installation requirements, you are ready to install ArcMC.

Upgrading ArcMC

Upgrade is supported from ArcSight Management Center version 3.1.0 to version 3.2.0. You should also upgrade any managed ArcMC nodes to version 3.2.0 .

Before upgrading to ArcMC 3.2.0, ensure that you have upgraded the operating system on your appliance or host to a supported version. For more information about OS support, see "Technical Requirements" on page 6. For instructions on upgrading an appliance either remotely or locally, see Upgrading ArcMC in the ArcMC Administrator's Guide.

The following instructions are for upgrading software ArcMC using a wizard in GUI mode. You can also upgrade your ArcMC from the command line in console mode, and in silent mode. For more information, see the Installation chapter of the ArcMC Administrator's Guide.

If the target ArcMC node is managed by another ArcMC appliance, you can also perform an upgrade using the Node Management upgrade feature.

> **Note:** Micro Focus recommends that you perform a backup of your current ArcSight Management Center configuration before upgrading to ArcMC 3.2.0 :. For more information, see the **Managing Backups and Restores** section in the ArcMC Administrator's Guide.

To upgrade to ArcSight Management Center 3.2.0:

1. Copy the required upgrade files to a secure network location.

2. Run these commands from the directory where you copied the ArcSight Management Center files:

   chmod u+x ArcSight-ArcMC-3.2.0.<build_number>.0.bin

   ./ArcSight-ArcMC-3.2.0.<build_number>.0.bin

   The installation wizard starts. Review the dialog box, then click **Continue**.

3. Follow the prompts to upgrade. For your installation directory, choose your original ArcSight Management Center installation directory.

4. When running the ArcSight Management Center software installer as a root user, you need to specify an existing non-root user and a port through which ArcSight Management Center users will connect. If specify any port other than 443 (the default HTTPS port), then users will need to enter the port number in the URL they

use to access ArcSight Management Center. When prompted, enter the user name of the non-root user and the HTTPS port number, then click **Next**.

5. Follow the prompts to complete product initialization.

6. When running the installer as a root user, specify whether to run ArcSight Management Center as a system service or as a process.

> **Note:** Additionally, a few libraries are added using `ldconfig`. For a complete list of those libraries, see `/etc/ld.so.conf.d/arcsight_arcmc.conf` and `<install_dir>/current/arcsight/install/ldconfig.out`.

The upgrade is completed.

7. Click **Start ArcSight Management Center**, or click **Start ArcSight Management Center later**, then click **Finish**.

8. For SMTP configurations files deleted, you can now open the **Configuration Management > All Subscriber Configurations** page and restore your SMTP configurations from your notes.

Upgrading the ArcMC Agent

You should also upgrade the ArcMC Agent on all managed nodes that require the Agent for communication with ArcMC. For instructions on upgrading the ArcMC Agent on managed nodes, see the ArcMC Administrator's Guide.

Closed Issues

The following issues were resolved in this release.

Issue	Description
242307	To reduce the space taken by Tomcat log files under userdata/logs folder, the default configuration for log rotation has been changed from 90 days to 30 days, decreasing the retention period by 60 days. • logging.properties value "maxDays=30"
409274	Information concerning installation that can only be found in the Admin Guide is displayed in the ArcMC Online help.
242328	On Node Management page under the Container tab, the columns: Name and Parser Ver are not filtering.

Issue	Description
489064	ArcMC monitoring Transformation Hub and SP related graph displays [object/object] instead of the graph value when ArcMC controlled Transformation Hub and SP pods are active and subsequently, the same behavior will happen if they are Transformation Hub and SP are redeployed. This behavior can be observed using any time-frame from the graph.
411221	In software ArcMC (only), the Logger CA signed certificate is not working.
409212	Pre-upgrade CTH is not displayed in ArcMC after the upgrade is executed.

Known Limitations

ArcMC is known to have the following limitations.

Issue	Description
242313	The Host Status Exceptions page is not displaying the Transformation Hub rules. **Workaround:** None available at this time.
237161	If there are connectors installed in the path /opt/arcsight/connector*/ ArcMC upgrade fails.

Open Issues

This release contains the following open issues. To address the issue, use the workaround if any is indicated.

Key	Description
408195	When importing a hosts file on Fusion ArcMC the user is pointed to a log folder that does not match the Fusion ArcMC NFS. **Workaround**: No workaround know for the current release.
408194	When the Fusion license expires during a session, a spurious error message will be displayed: "Unable to retrieve CSRF token. Got status code:0". Click OK to dismiss this error. **Workaround**: No workaround know for the current release.
386155	If Enrichment processors are enabled, please make sure that Generator ID is also enabled in order for enrichment to work correctly. **Workaround**: No workaround know for the current release.
363022	For G10 Appliances with a 10G NIC, after a restore, the gateway information is not correctly configured. **Workaround**: From the CLI, modify the IP address and gateway with the correct information. For reference, consult the ArcMC Admin Guide, section: "Configure a New IP Address".
363017	For G10 Appliances with a 10G NIC, after a restore, the gateway information of the IP is not correctly configured. **Workaround**: From the CLI, modify the IP address with the correct information. For reference, consult the ArcMC Admin Guide, section: "Configure a New IP Address".
243608	After a product type ages out (Device Age-Out) there is no way for the user to restore the product type. If Device Tracking is disabled for a device product and the device ages out, then there is no way to revert to enable tracking for that device product. **Workaround**: No workaround know for the current release.
243302	After SecureData FPE encryption is enabled, it should not be disabled. However, ArcMC permits the user to disable it. Doing so will leave the event output in an inconsistent state. **Warning: Do not disable SecureData FPE encryption once it has been enabled.** **Workaround**: No workaround know for the current release.

Key	Description
241615	Default port 514 must be changed to a non-privileged port when ArcMC is installed as non-root user **Workaround**: No workaround know for the current release.
240700	On the Topology and Deployment view, the incorrect Alternate location icon is shown for Collectors. On the Deployment view the Alternate location icon is not shown on the legend. **Workaround**: No workaround know for the current release.
240415	ArcMC stops Logger Appliance upgrades due to a 40 minute timeout. **Workaround**: Increment the timeout variable in ArcMC before the Logger upgrade: 1. cd /$ARCMC_HOME/userdata/arcmc 2. Create the logger.properties file if it does not exist. 3. Add a new entry node.upgrade.thread.timout=10800 in logger.properties 3.1. The unit in seconds. 10800sec = 3hours 4. chown : logger.properties 5. chmod 660 logger.properties 6. Restart ArcMC.

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