



# **OpenText**

## **ArcSight ArcMC**

Software Version: 3.2.2

### **Release Notes**

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ArcSight Product Documentation	<a href="https://www.microfocus.com/documentation/arcsight/">https://www.microfocus.com/documentation/arcsight/</a>

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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	Does 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 improvements:

- With the acquisition of Micro Focus by OpenText, ArcMC has been rebranded with OpenText trade dress.
- Email notifications to newly-created users can now be disabled.
- Configurable properties have been added for monitoring managed nodes.
- The ArcSight Marketplace URL has been changed from <https://marketplace.microfocus.com/arcsgight> to <https://microfocus.com/marketplace>.
- The version of PostgreSQL used by ArcMC has been upgraded to 13.11.

## 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 Site](#).

# Technical Requirements

## For ArcSight Management Center

<b>Server</b>	For software form factor: <ul style="list-style-type: none"><li>• Red Hat Enterprise Linux (RHEL) 8.6, 8.4, 7.9.</li><li>• Rocky Linux 8.6 (supported)</li><li>• Additionally, for RHEL7.x installation of software ArcMC: See <a href="#"><i>"Prerequisite for ArcMC Installation or Upgrade on RHEL 7.x" on page 9</i></a>.</li><li>• CentOS 7.9.</li></ul> For appliance upgrade: Red Hat Enterprise Linux 7.9.
<b>Client System</b>	<ul style="list-style-type: none"><li>• Windows 7, 8, 10</li><li>• RHEL 7.8, 7.9, 8.1, 8.2, 8.3, 8.4.</li></ul>
<b>CPU</b>	1 or 2 Intel Xeon Quad Core (or equivalent)
<b>Memory</b>	<ul style="list-style-type: none"><li>• 16 GB RAM</li><li>• 80 GB Disk Space (for software form factor)</li></ul>
<b>Supported Client Browsers</b>	<ul style="list-style-type: none"><li>• Microsoft Edge (latest version as of release date)</li><li>• Firefox ESR (latest version as of release date)</li><li>• Google Chrome (latest version as of release date)</li></ul>
<b>Screen Resolution</b>	Optimal screen resolution is 1920x1200
<b>Hardware Models</b>	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	3.2.2, 3.2.1, 3.2.0	C6700
		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		
SmartConnector	Software	8.3.0	8.4.0	
		8.2.0		
		8.1.0		
		8.0.0		
Collector	Software	8.2.0	8.4.0	
		8.1.0		
		8.0.0		
Logger	Software and Appliance	7.2.1	7.2.2	L7700
		7.2.0		
		7.1.1		
Transformation Hub	Software	3.6.0	3.7.0	
		3.5.0		
ESM	Software	7.5.0	7.6.0	
		7.4.0		

## 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 3.2.2 are named as follows:

- **For ArcMC:** ArcSight-ArcMC-3.2.2.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 3.2.2. You should also upgrade any managed ArcMC nodes to version 3.2.2.

Before upgrading to ArcMC 3.2.2, 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 3.2.2. For more information, see the **Managing Backups and Restores** section in the ArcMC Administrator's Guide.

## To upgrade to ArcSight Management Center 3.2.2:

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-3.2.2.Build Number.0.bin
./ArcSight-ArcMC-3.2.2.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.

## 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. <b>Workaround:</b> None available at this time.
237161	If there are connectors installed in the path <code>/opt/arcsight/connector*/</code> ArcMC upgrade fails.

# Known Issues

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

Key	Description
751044	After running for a long period, ArcMC may report a JDBC exception on Hibernate data access, SQL Exception for SQL max_stack_depth error. To resolve this, set the following parameters in the PostgreSQL configuration file (CHA: /opt/arcshift/userdata/pgsql/postgresql.conf; SW: ARCSIGHT_HOME/data/pgsql/postgresql.conf) to disable parallel operations:  max_parallel_workers_per_gather = 0  max_parallel_workers = 0
698065	In some circumstances on Azure, there may be intermittent login and backend errors between Fusion, ArcMC and Kafka Manager.
425040	When in Deployment/Topology view, the IP address of a Logger or ESM destination for Transformation Hub shows as an unknown IP.
387040	In some cases, after performing a search in the online help file, the file may become frozen and necessitate a restart of the browser.
363022	For G10 Appliances with a 10G NIC, after a restore, the gateway is not correctly configured.  <b>Workaround:</b> 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 IP address is not correctly configured.  <b>Workaround:</b> From the CLI, modify the IP address with the correct information. For reference, consult the ArcMC Admin Guide, section: "Configure a New IP Address".
359190	On G10 appliances, ArcMC does not validate when the user enters invalid IP values when trying to modify the "IP Address" or the "Subnet Mask" field from a network interface (or also called NIC port).
243608	After a product type ages out (Device Age-Out) there is no way for the user to get that product type back. 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.

# Publication Status

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