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HPE Security ArcSight ESM

Software Version: 6.9.1c Patch 3

Release Notes

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Contact Information

Phone	A list of phone numbers is available on the HPE Security ArcSight Technical Support Page: https://softwaresupport.hpe.com/documents/10180/14684/esp-support-contact-list
Support Web Site	https://softwaresupport.hpe.com
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ArcSight ESM 6.9.1c Patch 3

These release notes describe how to apply this patch release of ArcSight ESM. Instructions are included for each component, as well as other information about recent changes and fixed and open issues.

This patch is for ArcSight ESM 6.9.1c only, with or without a released patch. To set up a new ESM 6.9.1c installation, refer to the *ArcSight ESM Installation and Configuration Guide*.

The build number for the ESM suite for this patch is 2137.

The build number for the ArcSight Console for this patch is 2326.

After you have installed 6.9.1c with or without a released patch, follow the instructions in ["Installing ESM Version 6.9.1c Patch 3" on page 10](#) of these release notes to apply Patch 3.

Purpose of this Patch

This patch:

- Updates the JRE to 1.7.0_121-b15
- Addresses critical issues in ESM 6.9.1c.
- Provides updates for geographical information and vulnerability mapping.
- Provides important security updates.

Refer to the [HPE ArcSight ESM Support Matrix](#) for the new and existing operating systems supported in this patch.

Note: For those upgrading from ESM 6.8c to this patch:

- RHEL 6.8 and CentOS 6.8 are supported.
- ESM High Availability (HA) environment is enabled on newly certified OS versions of RHEL 6.8 and CentOS 6.8 for upgraded ESM 6.8c to 6.9.1 Patch 3.

If you are on ESM 6.8 Patch 4 with HA configuration on RHEL or CentOS 6.8 and you are planning to upgrade to ESM 6.9.1 and subsequent patches, refer to the document, *Upgrade from ESM 6.8 Patch 4 to ESM 6.9.1c on RHEL/CentOS 6.8: Technical Note*. Download this document from [Protect 724](#).

Usage Notes

SSL Client Authentication After Patch Installation

Note: The following applies if you are installing ESM 6.9.1c Patch 3 on ESM 6.9.1c.

If you are installing ESM 6.9.1 Patch 3 on ESM 6.9.1c Patch 2 or ESM 6.9.1 Patch 1, skip this step.

If you have configured SSL Client Authentication prior to applying this patch, and if you used `keytoolgui` to generate keypairs and certificates, then you must regenerate them after applying the patch and before restarting services.

Enable iframe of Command Center Pages

To allow iframing of Command Center pages, you can add the following optional setting in `server.properties`:

```
allow.from.domains=entries
```

Where entries are a comma separated list of the elements that could be of one of the following two forms:

- origin (for example, `https://hpe.com`)
- `key::origin`

In this example, the key is any string uniquely identifying the origin within the comma-separated list. For the definition of origins, see <http://tools.ietf.org/html/rfc6454>.

Below is an example of "allow.from.domains" containing several entries. The first entry is origin, while the second is key-value pair:

```
allow.from.domains=https://hpe.com,microsoft::https://microsoft.com
```

Third party applications that need to iframe Command Center pages should add the parameter "origin" to URLs pointing to Command Center page and use that parameter to specify their origin. For example:

```
https://host:8443/www/ui-phoenix/com.arcsight.phoenix.PhoenixLauncher/?origin=microsoft#login
```

In that parameter the origin could be specified directly (`https://microsoft.com`) or with help of the key (`microsoft`) from the above ESM configuration setting.

ESM uses "origin" parameter from HTTP request to lookup an entry in "allow.from.domains" setting. If there is matching entry, then iframing is allowed for configured origin. If origin is specified in the HTTP

request, but is not presented in "allow.from.domains", the request will fail with the exception "Not allowed request".

HTTP requests without "origin" parameter are handled by ESM the same way as before, so there are no changes for regular Command Center sessions. Here iframing is not allowed to prevent clickjacking vulnerability:

https://www.owasp.org/index.php/Clickjacking_Defense_Cheat_Sheet

The implementation requires enabling cookies in the browser. It might also be needed to login to Command Center without iframing from the browser once. Opening Command Center directly creates browser's cookie for the target host. By default, the cookies for iframed pages are not created.

Nested Storage Groups

When creating a storage group in the ArcSight Command Center, do not nest this new group under an existing group: this means the archiving path of one group must not be under the archiving path of another group. Nesting storage groups increases the archive space utilization for that group.

For information about storage and archiving, refer to the *ArcSight Command Center User's Guide*.

Preserving Reference Pages Information

This information applies to tiered ESM architectures where the network model would be similar across ESM installations, and would therefore have the same networks and zones. When you are forwarding events from a source to a destination in this type of architecture, the Reference Pages information (a resource group attribute) would be the same in the source and in the destination.

If the Reference Pages information for a given resource group is not found in the destination, make sure the Network attribute of the forwarding connector is set. Then make sure the specified network belongs to a zone. It is important that your network model is defined correctly, and that connector configurations have the correct Network setting. This connector setting applies to all connectors being used, including Forwarding Connector.

Authentication Between IE 11 and PKCS#11 Token

When using Internet Explorer 11 with ActivClient middleware and a PKCS#11 token, an error is displayed:

This page can't be displayed

This prevents the user from logging into ArcSight Command Center.

if there are problems with the PIN dialog to log into the card in some client (Firefox, IE, Chrome, ArcSight Console), try another client. Once the card is successfully authenticated through that client, the middleware (for example ActivClient) might skip card authentication, when you repeat PKCS#11 login from the original client.

Corrections to the High Availability Module User's Guide

Corrections are needed on pages 20 and 21 of the *ESM High Availability Module User's Guide for ESM 6.9.1*. The topic applies to ESM Appliance used in high availability configurations.

Page with error	Description
20	<p>Step c directs you to edit the <code>.bash_profile</code> script in the root user's home directory.</p> <p>Correction:</p> <p>This step needs to add that you must perform this on both appliances, the primary and secondary.</p>
21	<p>The first bullet on this page provides commands to run on both appliances if you are converting a single-installation appliance to an HA Module cluster installation.</p> <p>Correction:</p> <p>The bullet and commands should be replaced with:</p> <p>Run the following commands as root on both the primary and the secondary appliance:</p> <pre>systemctl stop hp-asrd hp-health hp-snmp-agents mv /opt/hp /usr/local ln -s /usr/local/hp /opt umount /opt ln -s /usr/local/hp /opt mount /opt systemctl start hp-asrd hp-health hp-snmp-agents</pre>
21	<p>The third to the last paragraph states:</p> <p>"If the systems in the cluster are two appliances (ESM Express or ESM Appliance), then skip this step. The metadata partition already exists on each system."</p> <p>Correction:</p> <p>This paragraph should state</p> <p>If the systems in the cluster are two appliances, then the metadata partition already exists, and is named</p> <pre>/dev/sda6</pre>

Uninstalling the Console Patch on the Mac

When uninstalling the Console Patch on the Mac, if the actual uninstaller binary located in `<CONSOLE_HOME>/current/UninstallerData_6.9.1.3` is used to invoke the uninstall process, then the `UninstallerData_6.9.1.3` directory is left behind after the process finishes.

Workaround:

Use the symbolic link created when the Patch was installed to invoke the Console Patch Uninstaller on the Mac, instead of the binary directly. Or delete the ArcSight Console's UninstallerData_6.9.1.3 directory. After deleting, you can re-install the ArcSight Console ESM patch.

Correction to Forwarding Connector Release Notes

The Forwarding Connector Release Notes bundled with ESM 6.9.1c has an error on page 4.

The release notes, FwdConn_RelNotes_7.1.7.7602.0.pdf, on page 4 states that a Windows installation executable is available. For ESM with CORR-Engine, which includes 6.9.1c and all patches, only the Linux installation is available.

The Linux installation is ArcSight-7.1.7.7602.0-SuperConnector-Linux64.bin.

Section 508 Compliance

ArcSight recognizes the importance of accessibility as a product initiative. To that end, ArcSight continues to make advances in the area of accessibility in its product lines.

Geographical Information Update

This version of ESM includes an update to the geographical information used in graphic displays. The version is GeoIP-532_20170101(ipdata.bin file).

Vulnerability Updates

This release includes recent vulnerability mappings from the January 2017 Context Update.

Device	Vulnerability Updates
Snort / Sourcefire SEU 2990 updated	Faultline, Bugtraq, CVE
Cisco Secure IDS S959 updated	CVE
Juniper IDP update 2820 updated	Faultline, Bugtraq, CVE, X-Force, Nessus, MSSB
IBM Security Host Protection for Desktops 3360 updated	Faultline, CVE, X-Force
IBM Security Host Protection for Servers (Unix) 36.110 updated	Faultline, CVE, X-Force
IBM Security Host Protection for Servers (Windows) 3360 updated	Faultline, CVE, X-Force

Device	Vulnerability Updates
IBM Proventia Network IPS XPU 36.110 updated	Faultline, CVE, X-Force
IBM Proventia Network MFS XPU 36.110 updated	Faultline, CVE, X-Force
IBM RealSecure Server Sensor XPU 36.110 updated	Faultline, CVE, X-Force
McAfee HIPS 7.0/8.0 version 7440 updated	CVE

Installing ESM Version 6.9.1c Patch 3

You can install this patch release using the platform-specific component executable files provided. Patch installers are available for all supported platforms.

Note: Keep the following points in mind when installing Patch 3:

- **For all components and platforms:** Make sure that you have enough space available *before* you install the patch. The installer checks for 1 GB of space and generates an error if it is not available. If you run into disk space issues during installation, create enough space, restore the component base build from the backup, then resume patch installation.
- Backup, patch install, and uninstall procedures require permissions for the relevant components. To install a patch, make sure that the user who owns the base build installation folder has full privileges on the PATH where the base build is installed.
- To uninstall the software you must be at the same user level as the original installer.
- It is a good practice to create a backup of the existing product before installation begins. Do not simply rename files and leave them in the same directory. Java reads all the files present, regardless of renaming, and can pick up old code inadvertently, causing undesirable results.
- For backup, patch install, and uninstall, we recommend that you log in to the target machine with a specific account name via SSH. If you switch accounts after logging in, then specify the flag "-" for the **su** command (`su - <UserName>`).

Each component has install and uninstall steps.

Caution: Do not interrupt the patch install process (for example, do not press Ctrl-C or log off). Interrupting the process would cause issues.

Verifying the Downloaded Installation Software

HPE provides a digital public key to enable 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.hpe.com/portal/swdepot/displayProductInfo.do?productNumber=HPLinuxCodeSigning>

ArcSight ESM Main Component Suite

This section describes how to install or uninstall the ESM 6.9.1c Patch 3 for all the main components except the ArcSight Console. These components include the Manager and the CORR-Engine.

To Install the Patch

Note: Installation considerations:

- Before you install the patch, verify that <ARCSIGHT_HOME> and any of its subdirectories are not being accessed by open shells on your system.
- If for any reason you need to re-install the patch, run the patch uninstaller before installing the patch again.
- HPE recommends that you continue through the installation and do not attempt to cancel the installation process or move backward through the installer windows.

1. Download the patch from the HPE Software Support Online site (<http://softwaresupport.hpe.com>).

ArcSightESMSuitePatch-XXXX.tar

...where XXXX represents the suite build number.

Be sure to verify the patch file; see "[Verifying the Downloaded Installation Software](#)" on the [previous page](#).

2. As user *arcsight*, extract the tar file.
3. Stop the ArcSight services as user *arcsight*:

```
/etc/init.d/arcsight_services stop all
```

4. Back up the ArcSight directory, /opt/arcsight, by making a copy. Place the copy in a readily accessible location. This is a precautionary measure so you can restore the system to the original state, if necessary.

Caution: HPE recommends that you do not simply rename files and leave them in the same directory. Java reads all the files present, regardless of renaming, and can pick up old code inadvertently, causing undesirable results.

5. If you have High Availability configured, run the following command on the secondary server as user *root* to put the server in standby mode:

```
crm_standby -v true
```

6. From the directory where you extracted the tar file, run the patch installer as user *arcsight*:

```
./ArcSightESMSuitePatch.bin
```

To install in Console mode, run the following command from the shell prompt and then follow the instructions in the window:

```
./ArcSightESMSuitePatch.bin -i console
```

7. Read through the license agreement and accept it at the end. In GUI mode, the acceptance radio button is disabled until you scroll to the bottom of the agreement. In console mode, press the **Enter** key until you have paged through to the end of the license agreement.
8. Select a location for the uninstaller link, if you want to have a shortcut to the uninstaller in some other location. You must have write permission to the specified folder.
9. Check the pre-installation summary to verify that all the locations listed are correct and that you have enough disk space to install this patch.
10. Press **Enter** to start the installation.
11. When the installation is complete press **Enter** to Exit.

Note: The following applies if you are installing ESM 6.9.1c Patch 3 on ESM 6.9.1c.

If you are installing ESM 6.9.1 Patch 3 on ESM 6.9.1c Patch 2 or ESM 6.9.1 Patch 1, skip this step:

If you have configured SSL Client Authentication prior to applying this patch, and if you used keytoolgui to generate keypairs and certificates, then you must re-generate them after finishing applying the patch and before re-starting services.

12. Start the ArcSight services as user *arcsight*:

```
/etc/init.d/arcsight_services start all
```

13. If you have High Availability configured, run the following command on the secondary server as user *root* to bring the server online:

```
crm_standby -D
```

To Uninstall the Patch

If needed, use the procedure below to uninstall this patch installation and restore the system to the pre-patched state.

Note: Before you begin to uninstall, verify that the Manager's <ARCSIGHT_HOME> and any of its subdirectories are not being accessed by any open shells on your system.

1. Stop the ArcSight services as user *arcsight*:

```
/etc/init.d/arcsight_services stop all
```

2. If you have High Availability configured, run the following command on the secondary server as

user *root* to put the server in standby mode:

```
crm_standby -v true
```

3. As user *arcsight*, run the uninstaller program from either the directory where you created the link while installing the product or, if you had opted not to create a link, then run this from the `/opt/arcsight/suitepatch_6.9.1.3/UninstallerData_6.9.1.3` directory:

```
./Uninstall_ArcSight_ESM_Suite_Patch
```

Alternatively, you can run the following command from the `/home/arcsight` (or wherever you installed the shortcut link) directory:

```
./Uninstall_ArcSight_ESM_Suite_Patch_6.9.1.3
```

Or, to uninstall using Console mode, run:

```
./Uninstall_ArcSight_ESM_Suite_Patch_6.9.1.3 -i console
```

Run the uninstaller in the same mode in which you ran the installer (GUI or Console mode).

4. When the installation is complete press **Enter** to Exit.

5. Start the ArcSight services as user *arcsight*:

```
/etc/init.d/arcsight_services start all
```

6. If you have High Availability configured, run the following command on the secondary server as user *root* to bring the server online:

```
crm_standby -D
```

ArcSight Console

This section describes how to install or uninstall the ESM 6.9.1c Patch 3 for ArcSight Console on Windows, Mac, and Linux platforms.

Tip: The ArcSight ESM Console is not supported on AIX or Solaris. The following steps do not include information for installing a Console patch on those platforms.

To Install the Patch

Note: Installation considerations:

- Before you install the patch, verify that the Console's `<ARCSIGHT_HOME>` directory and any of its subdirectories are not being accessed by any open shells on your system.
- If you need to re-install the patch, run the patch uninstaller before installing the patch again.
- HPE recommends that you continue through the installation and do not attempt to cancel the installation process or move backward through the installer windows.

1. Exit the ArcSight Console.
2. Back up the Console directory (for example, /home/arcsight/console/current) by making a copy. Place the copy in a readily accessible location. This is a precautionary measure so you can restore the original state, if necessary.

Caution: HPE recommends that you do not simply rename files and leave them in the same directory. Java reads all the files present, regardless of renaming, and can pick up old code inadvertently, causing undesirable results.

3. Download the executable file specific to your platform from the HPE Software Support Online site (<http://softwaresupport.hpe.com>). YYYY.Y represents the Console build number.

- Patch-6.9.1.YYYY.Y-Console-Win.exe
- Patch-6.9.1.YYYY.Y-Console-Linux.bin
- Patch-6.9.1.YYYY.Y-Console-MacOSX.zip

Be sure to verify the patch file; see "Verifying the Downloaded Installation Software" on page 10.
For the Mac, see "To Install the Patch on a Mac" on the next page.

4. Run one of the following executables specific to your platform:

- **On Windows:**

Double-click Patch-6.9.1.YYYY.Y-Console-Win.exe

- **On Linux:**

Verify that you are logged in as user *arcsight*, and then run the following command:

```
./Patch-6.9.1.YYYY.Y-Console-Linux.bin
```

To install in Console mode, run the following command from the shell prompt and then follow the instructions in the window:

```
./Patch-6.9.1.YYYY.Y-Console-Linux.bin -i console
```

The installer launches the Introduction window.

5. Read the instructions provided and Press **Enter**.
6. Accept the terms of the license agreement and press **Enter**. In GUI mode the acceptance radio button is disabled until you scroll to the bottom of the agreement. In Console mode, press **Enter** until you have read every page, and then Press **Enter** to accept the agreement.
7. Select the location of your existing <ARCSIGHT_HOME> directory for your Console installation by typing the appropriate choice and pressing **Enter**
If you want to restore the installer-provided default location, select **Restore Default Folder**.
8. Press **Enter** to continue.
9. Select a Link Location (on Linux) or Shortcut location (on Windows) by clicking the appropriate radio button and Press **Enter** or click **Next**.

10. Check the pre-installation summary to verify that all the locations listed are correct and that you have enough disk space to install this patch.
11. Press **Enter** to start the installation.
12. When the installation is complete, press **Enter** to exit.

Note: The following applies if you are installing ESM 6.9.1c Patch 3 on ESM 6.9.1c.

If you are installing ESM 6.9.1 Patch 3 on ESM 6.9.1c Patch 2 or ESM 6.9.1 Patch 1, skip this step:

If you have configured SSL Client Authentication prior to applying this patch, and if you used keytoolgui to generate keypairs and certificates, then you must re-generate them after finishing applying the patch and before re-starting services.

To Install the Patch on a Mac

The patch installer download and run procedure is slightly different on the Mac than on the other supported platforms.

Note: HPE recommends that you continue through the installation and do not attempt to cancel the installation process or move backward through the installer windows.

1. Exit the ArcSight Console.
2. Back up the Console directory (for example, /home/arcsight/console/current) by making a copy. Place the copy in a readily accessible location. This is just a precautionary measure so you can restore the original state, if necessary.
3. Download the file Patch-6.9.1.YYYY.Y-Console-MacOSX.zip to anywhere on your system.

Tip: The patch installer file shows as a **ZIP** file on the download site, but downloads as ArcSightConsolePatch.app on the Mac. A single or double-click on this **APP** file launches the patch installer, depending on how you have set these options. There is no need to “extract” or “unzip” the file; it downloads as an **APP** file.

Be sure to verify the patch file; see ["Verifying the Downloaded Installation Software" on page 10](#).

4. Launch the patch installer by double-clicking the ArcSightConsolePatch file.
5. Follow the steps on the patch install wizard, providing the information as prompted:
 - Accept the terms of the license agreement and click **Next**. The acceptance radio button is disabled until you scroll to the bottom of the agreement.
 - Choose the location where you want to install the patch. Browse to <ARCSIGHT_HOME>, where your previous Console was installed.
 - Choose an alias location for the Console application (or opt to not use aliases). This is the same as a link location on UNIX systems or shortcut location on Windows systems.

6. Click **Next**.
7. Verify your settings and click **Install**.

To Uninstall the Patch

If needed, use the procedure below to uninstall this patch installation.

Note: Before you begin to uninstall, verify that the Console's <ARCSIGHT_HOME> and any of its subdirectories are not being accessed by any open shells on your system.

1. Exit the ArcSight Console.
2. Run the uninstaller program:

On Windows:

- Double-click the icon you created for the uninstaller when installing the Console. For example, if you created an uninstaller icon on your desktop, double-click that icon.
- If you created a link in the Start menu, click:

Start > All Programs > ArcSight ESM Console 6.9.1c Patch 3 > Uninstall ArcSight ESM Console 6.9.1c Patch 3

- Or, run the following from the Console's <ARCSIGHT_HOME>\current\UninstallerData_6.9.1.3 directory:

```
Uninstall_ArcSight_ESM_Console_Patch.exe
```

- On Windows 8.1, run the following from the Console's <ARCSIGHT_HOME>\current\UninstallerData_6.9.1.3 directory:

```
Uninstall_ArcSight_ESM_Console_Patch.exe
```

On Linux:

- From the directory where you created the link when installing the Console (your home directory or some other location), run:

```
./Uninstall_ArcSight_ESM_Console_Patch_6.9.1.3
```

- Or, to uninstall using Console mode, run:

```
./Uninstall_ArcSight_ESM_Console_Patch_6.9.1.3 -i console
```

- If you did not create a link, execute the command from the Console's <ARCSIGHT_HOME>/current/UninstallerData_6.9.1.3 directory:

```
./Uninstall_ArcSight_ESM_Console_Patch
```

- Or, to uninstall using Console mode, run:

```
./Uninstall_ArcSight_ESM_Console_Patch -i console
```


On a Mac:

- From the directory where you created the link when installing the Console, run:

`Uninstall_ArcSight_ESM_Console_Patch_6.9.1.3`

- From the Console's <ARCSIGHT_HOME>/current/UninstallerData_6.9.1.3 directory, run:

`Uninstall_ArcSight_ESM_Console_Patch`

3. Click **Done** on the Uninstall Complete screen.

Note: If you are on a Windows system and you plan to uninstall the base build Console after uninstalling Patch 3, be advised that your system restarts without warning upon finishing the base build uninstallation. Prepare your system accordingly.

Fixed Issues

The following issues are fixed in this release.

• Analytics	17
• ArcSight Console	18
• ArcSight Manager	19
• CORR-Engine	19
• Command Center	19

Analytics

Issue	Description
NGS-22274	Previously, pre-persistence rules were getting fired/invoked when they should not have been. Now only the events that satisfy the rule condition fire pre-persistence rules.
NGS-21758	Custom date parameters for Reports were not persisted correctly. This issue has been fixed.
NGS-20613	HTML reports embedded in emails were not displaying Unicode Standard characters appropriately. This issue has been fixed.
NGS-20372	When attempting to save a report that was manually generated, if the report name contained illegal characters such as * " . / : < > ? \ on Windows and . and / on Linux, so would the filename suggestion. This resulted in an error if it was not changed. Now the filename suggestion changes each invalid character to an underscore.
NGS-19750	An audit event, report:106, is now generated whenever a report is sent to a recipient successfully. Details pertaining to the status and content of the report, as well as details regarding the recipients, can be viewed with the "Custom Strings" section of the audit event.

Issue	Description
NGS-19749	When a user tried to run an empty report, they would receive an email notification with the report's resource ID in the subject line, and in the message of the email. It was difficult to determine which report was being referenced. The issue is now fixed. When an email notification is sent regarding an empty report, the name of the report will be displayed in the subject and in the message.
NGS-19748	When a report is generated that is empty or too big, or failed to send, the audit event, report:107, is now created in ESM. If the report size is too big to be sent as an attachment, then additionally the notification will provide the report's URL instead.
NGS-19044	When a rule was caught in a loop or firing excessively, the rule would be deactivated and an audit event rule:701 was supposed to be generated, but it was not. An audit event of rule:701 is now generated when a rule is excessive firing or caught in a loop. The issue is now fixed.
NGS-14585	When a string value included a combination of certain special characters such as \ or !, the comparison filter methods StartsWith and Contains would not be able to validate properly. The issue is now fixed.

ArcSight Console

Issue	Description
NGS-20632	Filters on URL host names sometimes resulted in unexpected behavior. This issue has been fixed.
NGS-20226	Row height in several tables did not resize when the font was set to a different size. The issue is now fixed.
NGS-20146	When increasing the font size to 20px and 25px on the ArcSight Console, the row height does not auto-resize on the active channel. Row height is now set according to font size in grid view.
NGS-19737	If an Active List has an error adding event data, the resulting log message now includes the Event ID, Device Vendor, Field Name and the schema type.
NGS-19689	When using SlideShow mode on a multi-screen setup, the second Console could disappear. This issue is now fixed.

ArcSight Manager

Issue	Description
NGS-21776	<p>A new server property has being included in the file "server.defaults.properties.vm" called "query.concat.null.validation." If enabled, this property applies a validation to concatenation functions used to query data. If all parameters for the function are Null, it will return a Null value as result.</p> <p>Using this property might create performance issues if used with very complex filters and large amounts of data.</p> <p>To enable this property, add:</p> <pre>query.concat.null.validation=true</pre> <p>into config/server.properties and restart ESM Manager for the property to take effect.</p>
NGS-21571	<p>Updating LDAP certificates could result in authorization failures. The updated JRE provided with this release fixes this issue.</p>
NGS-20145	<p>AgentReceiptTime values were showing as epoch timestamps when events were exported from ArcSight Command Center to a CSV file.</p> <p>This issue has been fixed.</p>

CORR-Engine

Issue	Description
NGS-21119	<p>A signal 11 intermittently occurred in the MySQL storage engine. The issue is now fixed.</p>

Command Center

Issue	Description
NGS-21982	<p>When trying to access the 'storage and archive' or other pages in the ACC during a session, customers were getting session timeout intermittently. The issue is now fixed.</p>
NGS-19742	<p>Timestamps for the stacked bar charts were not ordered correctly. The issue has been fixed.</p>
NGS-17445	<p>In certain publisher-subscriber configurations it was not possible to add a Peer configuration using Peer Authorization Credentials. This issue has been fixed.</p>

Open Issues

The following issues are open in this release:

- [ArcSight Console](#) 20
- [ArcSight Manager](#) 20

ArcSight Console

Issue	Description
NGS-22652	<p>Sometimes if the report run is empty, the report is generated but is still shown as current running report in the system. This issue is the side effect of introducing a new audit event report:105</p> <p>Workaround:</p> <p>To accurately reflect all current running reports in ESM, the rule /All Rules/ArcSight Administration/ESM/System Health/Resource/Query Running Time needs to be modified to include: Device Event Class ID=report:105 under the first series of OR conditions in the Conditions tab.</p> <p>Here is the summary after the change:</p> <p>event1 : ((Device Event Class ID = trend:100 OR Device Event Class ID = trend:101 OR Device Event Class ID = trend:102 OR Device Event Class ID = report:100 OR Device Event Class ID = report:104 OR Device Event Class ID = report:101 OR Device Event Class ID = queryviewer:100 OR Device Event Class ID = queryviewer:101 OR Device Event Class ID = report:105) AND File Name Is NOT NULL AND File Path Is NOT NULL AND Type = Base AND Device Vendor = ArcSight AND Device Product = ArcSight)</p>

ArcSight Manager

Issue	Description
NGS-17417	With a large number of correlated events attached to a case, editing the case takes a long time. The issue is not fixed.

Open and Closed Issues in ESM 6.9.1c Patch 2

For information about open and closed issues for ESM 6.9.1c Patch 2, see the release notes for that release.

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