H610S BMC 3.84.07 Release Notes

HCI

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H610S BMC 3.84.07 Release Notes

The downloadable BMC update contains BMC feature enhancements and bug fixes for NetApp H610S nodes.

What's New

H610S BMC 3.84.07 contains various bug fixes and new features. This release brings to the field critical updated BMC firmware ahead of subsequent Element software and storage firmware bundle releases, which will also include this updated BMC firmware for H610S nodes.

You can upgrade the H610S BMC firmware directly out-of-band, and upgrade instructions can be found in Upgrading BMC firmware on H610S nodes.

New Features

The following are the new features and changes included in this release:

- Enabled INITRD support
- Updated SSL help message about X.509 certificates
- Disabled TLS 1.0 and 1.1 support
- Added Redfish remote media support
- Added the H5Viewer RKVM feature
- Added Remote syslog support

Resolved issues

The following are issues that have been resolved in this release:

Issue	Description
N/A	The debug user sysadmin can log in using SSH after resetting the BMC.
N/A	When you use the console to ping the BMC IP address, the BMC does not respond.
N/A	During an AC power cycle stress test, the access permissions of the SOLSSH config file are lost.
CSESF-116	During an AC power cycle stress test, "PROCHOT" CPU thermal warnings appear in the BMC logs.

Issue	Description
CSESF-121	The create and update service account API takes longer than expected.
CSD-3321 / CSESF-129	The H610S BMC can hang and become inaccessible with the error "BMC Self Test Failed".
CSESF-197	The BMC web UI inventory API returns the wrong memory serial number format.

Known issues

There are no known issues in this release.

Upgrading BMC firmware on H610S nodes

Perform the following steps to upgrade the BMC firmware version on your H610S nodes. The procedure can take approximately 30 minutes to complete.

What you'll need

- You have checked for alerts by clicking **Reporting** > **Alerts** in the NetApp Element software web UI to ensure that there are no errors.
- You have downloaded the BMC update file.

Steps

1. Log in to the BMC console using your web browser: `https://<BMC_IP>/#login`, where `<BMC_IP>` is the IP address of the BMC.
2. Click **Maintenance** > **Firmware Update**.
3. On the **Firmware Update** screen, do the following:
   a. Disable the **Preserve all configuration** checkbox.
   b. Enable the **IPMI** checkbox.
   c. Enable the **Network** checkbox.
   d. Enable the **Authentication** checkbox.
      - The **IPMI** setting is used to preserve existing user accounts.
      - The **Network** setting is used to preserve the DHCP assigned BMC IP address.
      - The **Authentication** setting is used to preserve custom accounts configured for BMC login.

      Ensure that you have disabled the **Preserve all configuration** checkbox.
4. Choose the BMC update file you downloaded and click **Start firmware update** to start the upgrade process.

The process can take up to 5 minutes to complete if the BMC firmware file is in the node's network; otherwise the process will take longer.

5. Verify the firmware version by looking at the version listed on the **Dashboard** > **More info** page.
6. Perform this procedure for the remaining H610S storage nodes in your cluster.

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