



H610S BMC 3.84.07 Release Notes

HCI

Michael Wallis, amitha
September 17, 2020

This PDF was generated from https://docs.netapp.com/us-en/hci/docs/rn_H610S_BMC_3.84.07.html on September 29, 2020. Always check docs.netapp.com for the latest.



Table of Contents

- H610S BMC 3.84.07 Release Notes 1
 - What’s New 1
 - New Features 1
 - Resolved issues 1
 - Known issues 2
 - Upgrading BMC firmware on H610S nodes 2

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.

Copyright Information

Copyright © 2020 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.