HPE Storage MSL3040 Tape Library Version 3370 Firmware Release Notes

HPE Storage MSL3040 Tape Library Version 3370 Firmware Release Notes

Abstract

This document provides information about the enhancements and fixes to the firmware for the HPE Storage MSL3040 Tape Library.

Notices

Acknowledgments

Table of contents

Description

This release is to update firmware for the HPE Storage MSL3040 Tape Library. This firmware can be updated from the library remote management interface (RMI) or operator control panel (OCP).

Library firmware version

3370

Subtopics

[Update recommendation](#)
[Supersedes information](#)
[Product models](#)
[Languages](#)
[Compatibility notes](#)
[Enhancements](#)
[Fixes](#)
[Installation instructions](#)
[Related information](#)

Update recommendation

Recommended

Supersedes information

All previous firmware versions

Product models

This release applies to all HPE Storage MSL3040 Tape Libraries.

Languages

Languages supported for this release:

- English

- Japanese for the library RMI

Compatibility notes

This version of MSL3040 firmware is compatible with:

- HPE Library and Tape Tools (L&TT) standalone version 6.6 and newer

- Command View for Tape Libraries (Command View TL) version 6.6.122 and newer

- TapeAssure Advanced (license installed and used with Command View TL 6.6.122 and newer)

- Data Verification (license installed and used with Command View TL 6.6.122 and newer)

Bar code label length

The industry standard length of bar code labels is eight total characters, including the media ID. So,   Hewlett Packard Enterprise tape libraries and associated application software (such as Command View TL, and other backup applications) are tested by Hewlett Packard Enterprise using eight character bar code labels. Although the MSL3040 can read labels with more than eight characters, some applications might not operate correctly with these labels. For compatibility with other libraries and with applications, Hewlett Packard Enterprise recommends using eight character bar code labels when possible.

When changing firmware

Because each firmware revision contains new features, some configuration settings are not retained when earlier firmware versions are loaded. Hewlett Packard Enterprise recommends against downgrading firmware unless instructed to do so by a support engineer. Always verify configuration settings after installing firmware.

Enhancements

- Added Multi-Factor Authentication capability (can be enabled on a per-user basis)

- Added Vault partitions which can be created to store tapes in an air-gapped location within the library

- RMI security increased by removing non-SSL access - only HTTPS is now supported for RMI connections

- Rebranded HPE StoreEver product name to HPE Storage

- Firmware version is displayed in the library error events

- Open source packages updated for security enhancements:

  - busybox 1.37.0

  - json-c 0.18

  - libpng-1.6.48

  - lighttpd 1.4.76

  - ntp 4.2p18

  - openldap 2.5.19

  - rsyslog 8.2406.0

  - zlib 1.3.1

  - dropbear 2025.88

  - php 8.4.x

  - openssl 3.0.1x

- Login for User account now requires an initial password to be set by the Administrator user

- Certificate wizard now supports multiple IPs in the SAN field as CSV values

- Improved REST interface security

Fixes

- Updated SMTP email alerts to use an HTTPS link for the RMI

- IPv6 network gateway is now properly displayed

- Added recoveries for slider blocked errors during initialization

- Increased size of `LibraryLogs` in library support ticket to 65MB

- Expired cleaning tapes are reported each time they are detected

- Fixed an issue where the library could hang during a firmware update

- system.log no longer truncates longer domain names

- Corrected an issue where the robotic move counter may be inaccurate

Installation instructions

- Downloading firmware

- RMI installation instructions

- OCP installation instructions

Subtopics

RMI installation instructions
OCP installation instructions
Downloading firmware

RMI installation instructions

Procedure

1. Log in to the RMI as the administrator user.

2. From the Maintenance > Firmware Upgrades > System Firmware screen, browse to the location of the library firmware file and then click Upload.

OCP installation instructions

Procedure

1. Copy the firmware file to a USB flash drive.

2. Log in to the OCP as the administrator user.

3. Insert the USB flash drive into the USB port on the front of the library.

4. Navigate to Maintenance > Library Firmware Upgrade, and follow the prompts to begin the firmware upgrade.

Downloading firmware

Procedure

1. Go to the Hewlett Packard Enterprise support website **https://www.hpe.com/support/storage**.

2. Enter a product name and firmware version in the Search field and press Enter.

   The search result is displayed.

3. Select the Drivers and Software tab.

4. In the search results, confirm the firmware by the product name and by the version listed for the latest version.

Related information

The latest documentation is available in the Storage section of the Support Center   **https://www.hpe.com/support**.

To find documents for this product:

1. Type MSL3040 in the search bar.

2. Choose the MSL3040 from the product list.

3. Select the Documents tab.

4. Type the last part of the document name, for example   *Getting Started* in the search box.

- HPE Storage MSL3040 Tape Library Getting Started Guide

- HPE Storage MSL3040 Tape Library User and Service Guide

- HPE Storage MSL3040 Tape Library Command Line Interface Guide

- HPE Storage MSL3040 Tape Library Encryption Key Server Configuration Guide

- HPE Storage MSL3040 Tape Library Failover User Guide

Accessing the compatibility matrix

Procedure

1. Go to **https://www.hpe.com/Storage/TapeCompatibilityMatrix**.

2. On the Welcome to SPOCK page, click Sign in/Register.

3. Log in with your existing HPE account or create an account.

4. From the SPOCK home page, expand the plus sign (+) next to Explore HPE Storage Tape Solutions.

5. Click HPE Storage Tape Solutions Documents, and then select the compatibility matrix.

Support and other resources

Subtopics

Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:

  https://www.hpe.com/info/assistance

- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:

  https://www.hpe.com/support/hpesc

Information to collect

- Technical support registration number (if applicable)

- Product name, model or version, and serial number

- Operating system name and version

- Firmware version

- Error messages

- Product-specific reports and logs

- Add-on products or components

- Third-party products or components

HPE product registration

To gain the full benefits of the Hewlett Packard Enterprise Support Center and your purchased support services, add your contracts and products to your account on the HPESC.

- When you add your contracts and products, you receive enhanced personalization, workspace alerts, insights through the dashboards, and easier management of your environment.

- You will also receive recommendations and tailored product knowledge to self-solve any issues, as well as streamlined case creation for faster time to resolution when you must create a case.

To learn how to add your contracts and products, see https://www.hpe.com/info/add-products-contracts.

Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.

- To download product updates:

  Hewlett Packard Enterprise Support Center

  > **https://www.hpe.com/support/hpesc**

  My HPE Software Center

  > **https://www.hpe.com/software/hpesoftwarecenter**

- To subscribe to eNewsletters and alerts:

  https://www.hpe.com/support/e-updates

- To view and update your entitlements, and to link your contracts and warranties with your profile, go to the   Hewlett Packard Enterprise Support Center More Information on Access to Support Materials page:

  https://www.hpe.com/support/AccessToSupportMaterials

> (!) **IMPORTANT**
>
> Access to some updates might require product entitlement when accessed through the   Hewlett Packard Enterprise Support Center. You must have an HPE Account set up with relevant entitlements.

Remote support

Remote support is available with supported devices as part of your warranty or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which initiates a fast and accurate resolution based on the service level of your product. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

If your product includes additional remote support details, use search to locate that information.

HPE Get Connected

> **https://www.hpe.com/services/getconnected**

HPE Tech Care Service

> **https://www.hpe.com/services/techcare**

HPE Complete Care Service

> **https://www.hpe.com/services/completecare**

Warranty information

To view the warranty information for your product, see the **warranty check tool** .

Regulatory information

To view the regulatory information for your product, view the   Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products, available at the Hewlett Packard Enterprise Support Center:

https://www.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional regulatory information

Hewlett Packard Enterprise is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at:

https://www.hpe.com/info/reach

For Hewlett Packard Enterprise product environmental and safety information and compliance data, including RoHS and REACH, see:

https://www.hpe.com/info/ecodata

For Hewlett Packard Enterprise environmental information, including company programs, product recycling, and energy efficiency, see:

https://www.hpe.com/info/environment

Documentation feedback

Hewlett Packard Enterprise is committed to providing documentation that meets your needs. To help us improve the documentation, use the Feedback button and icons (at the bottom of an opened document) on the   Hewlett Packard Enterprise Support Center portal (https://www.hpe.com/support/hpesc) to send any errors, suggestions, or comments. This process captures all document information.