



Hewlett Packard Hewlett Packard Enterprise Support Center Enterprise

Drivers & software

HPE Ultrium 6250 LTO-6 Tape Drive Firmware

Type:	Firmware
Version:	25MW/35PW(16 May 2023)
Upgrade Requirement:	Recommended
Operating System(s):	OS Independent

Release Notes

End User License Agreements:

[HPE Software License Agreement v1](#)

<https://downloads.hpe.com/pub/softlib2/software1/doc/p1796552785/v113125/eula-en.html>

Important:

HPE GPG Signature Verification

The .sig files on this page can be used with GPG to validate and verify the digital signature of the .frm firmware files on this page.

GPG Signature Verification Procedure:

Verify the signature by running 'gpg --verify ' Name.of.Sig.File'

Note: The HPE Public Key, hpePublicKey2048_key1.pub (fingerprint: 26C2B797), is required to support signature verification and is available from the HPE Software Delivery Repository (SDR)

<https://downloads.linux.hpe.com/SDR/keys.html>

<https://downloads.linux.hpe.com/SDR/keys.html>). Download the HPE Public key and import the key using "gpg --import hpePublicKey2048_key1.pub" command before running the verification command.

HPE StoreEver 1/8 G2 Tape Autoloader and MSL Tape Libraries Ultrium 6250 LTO-6 Tape Drive Firmware Versions 25MW and 3 5PW Release Notes

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Description

This release includes updated tape drive firmware for Ultrium 6250 tape drives in HPE StoreEver 1/8 G2 Tape Autoloaders and MSL2024, MSL4048, MSL6480, MSL8048, and MSL8096 Tape Libraries.

The tape drive firmware can be updated through any of the following methods:

- Remote management interface (RMI)
- Operator control panel (OCP)
- HPE Library and Tape Tools (L&TT)

Tape drive firmware versions: 25MW (FC) and 35PW (SAS)

Effective date: October 27, 2016

Update recommendation

Update recommendation: Recommended

Supersede information

Supersedes: All previous versions of tape drive firmware.

Product models

This release applies to the following product models:

- HPE StoreEver 1/8 G2 Tape Autoloader with an Ultrium 6250 SAS or FC tape drive
- HPE StoreEver MSL2024 Tape Library with one or more Ultrium 6250 SAS or FC tape drives
- HPE StoreEver MSL4048 Tape Library with one or more Ultrium 6250 SAS or FC tape drives

- HPE StoreEver MSL6480 Tape Library with one or more Ultrium 6250 SAS or FC tape drives
- HPE StoreEver MSL8048 Tape Library with one or more Ultrium 6250 SAS or FC tape drives
- HPE StoreEver MSL8096 Tape Library with one or more Ultrium 6250 SAS or FC tape drives

Languages

- English (American)
- English (International)

Operating systems

This release is not OS-dependent.

Compatibility notes

When an MSL6480 has a Data Verification partition that includes both LTO-6 and LTO-7 tape drives, the LTO-6 tape drives must have 23DW, 35GW, or newer firmware installed.

Enhancements

The following enhancements are part of this firmware release:

- Made updates to meet the latest FIPs 140-2 requirements.
- Improved supportability by enhancing internal drive logging.

Fixes

The following issues in version 25GW and 35JW of this tape drive firmware have been fixed in version 25MW and 35PW:

- Fixed a case where the drive incorrectly issued a TapeAlert flag when unsupported media was loaded. The TapeAlert flag indicated that the media had a corrupt cartridge memory.
- Fixed a case in the unlikely scenario where multiple hosts were storing encryption keys in the drive and one of those hosts delivered keys in a wrapped format, which could cause an encryption key to be overwritten.

Installation instructions

MSL6480 RMI

1. Download current firmware using L&TT or from the Hewlett Packard Enterprise support website: <http://www.hpe.com/support/storage> (<http://www.hpe.com/support/storage>)
2. Log into the RMI as the administrator user.
3. Navigate to the **Maintenance > Software Upgrades > Drive Firmware** screen. The tape drives are organized by drive type.
4. Click **Browse**, and then select the file from the local computer.
5. Click **Submit**.

MSL6480 OCP

1. Download current firmware using L&TT or from the Hewlett Packard Enterprise support website: <http://www.hpe.com/support/storage> (<http://www.hpe.com/support/storage>)
Copy the firmware file to a USB flash drive.
2. Log into the OCP as the administrator user.
3. Insert the USB flash drive into the USB port on the front of the library.
The library detects the USB drive.
4. Select the firmware file.

5. Click **Start Upgrade**.

1/8 G2 Tape Autoloader, MSL2024, MSL4048, MSL8048, or MSL8096 RMI

1. Download current firmware using L&TT or from the Hewlett Packard Enterprise support website: <http://www.hpe.com/support/storage> (<http://www.hpe.com/support/storage>)
2. Log into the RMI as the administrator user.
3. In the **Support: Firmware** page, select the tape drive, browse to the location of the tape drive firmware file, and click **Update**.
4. Repeat step 3 to update firmware for additional tape drives in the library.

1/8 G2 Tape Autoloader or MSL2024 OCP

1. Download current firmware using L&TT or from the Hewlett Packard Enterprise support website: <http://www.hpe.com/support/storage> (<http://www.hpe.com/support/storage>)
Copy the firmware onto the USB flash drive.
2. Insert the USB flash drive into the USB port on the back of the autoloader or library.
3. From the Home screen, press **Next** until the screen displays **Support**. Press **Enter** to select.
4. Press **Next** until the screen displays **Drive FW upgrade**. Press **Enter** to select.
5. Enter the administrator password if prompted.
6. Press **Next** until the screen displays the filename of the tape drive firmware file on the USB drive. Press **Enter** to select the firmware file.
7. If the upgrade failed, press **Enter** to display the error code and message describing the cause of the failure.
8. When the upgrade is complete, remove the USB flash drive from the USB port.

MSL4048, MSL8048, or MSL8096 OCP

1. Download current firmware using L&TT or from the Hewlett Packard Enterprise support website: <http://www.hpe.com/support/storage> (<http://www.hpe.com/support/storage>)
Copy the firmware onto the USB flash drive.
2. Insert the USB flash drive into the USB port on the back of the library.
3. From the **Support** menu, select **FW Upgrade > By USB**.
4. Enter the administrator password if prompted.
5. Select the tape drive as the target for the upgrade, and select the filename of the firmware. Click **Upgrade**.
6. Repeat step 4 to update firmware for additional tape drives in the Library.
7. When the upgrade is complete, remove the USB flash drive from the USB port.

Related information

The latest documentation is available in the Hewlett Packard Enterprise Information Library:

<http://www.hpe.com/info/storage/docs> (<http://www.hpe.com/info/storage/docs>)

To find documents for this product:

1. In the Products and Solutions pane, select **StoreEver Tape**.
2. Select the types of documents and your language.
3. In the **StoreEver Tape** pane, select your autoloader or library.

Available documents include:

- *HPE StoreEver 1/8 G2 Tape Autoloader Getting Started Guide*: Illustrated installation instructions
- *HPE StoreEver MSL2024 Tape Library Getting Started Guide*: Illustrated installation instructions

- *HPE StoreEver MSL4048 Tape Library Getting Started Guide*: Illustrated installation instructions
- *HPE StoreEver MSL6480 Tape Library Getting Started Guide*: Illustrated installation instructions
- *HP StoreEver MSL8048 and MSL8096 Tape Libraries Getting Started Guide*: Illustrated installation instructions
- *HPE StoreEver 1/8 G2 Tape Autoloader User and Service Guide*: Detailed information and instructions
- *HPE StoreEver MSL2024, MSL4048, MSL8048, and MSL8096 Tape Libraries User and Service Guide*: Detailed information and instructions
- *HPE StoreEver MSL6480 Tape Libraries User and Service Guide*: Detailed information and instructions

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Revision History

Version

25MW/35PW(16 May 2023)

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