Release Notes

Product	Linear Tape File System (LTFS) V2.2.2 for Linux and Mac with Mac GUI 1.1.5
Date	January 2018

Contents

Introduction

These release notes apply to the Quantum Linear Tape File System (LTFS) Mac and Linux software version 2.2.2. The Mac version includes Mac GUI 1.1.5.

Terms

Types of changes:

- **Enhancements** - A given feature or algorithm of the product has been enhanced, to allow wider usability and/or to provide greater robustness

- **New Functionality** - A new piece of functionality is added.

- **Bug Fix** - Fixes a bug in the software.

Compatibility

LTFS version 2.2.2 compatibility requirements:

- Unrecognized tags shall be ignored.

- Older major versions of LTFS are not allowed to update volumes written by later major versions of LTFS. The new XML tags could not be properly handled by older versions impacting forward compatibility.

- As per traditional LTO philosophy, use of the CM to enhance performance is optional and not required. This refers to the Volume Coherency Information (VCI) attribute, which is used to determine where the latest index was written on the volume - and whether any data was written after the latest index was written. It's implied, but not required, that the LTFS application should handle a *broken* CM.

New Features and Enhancements

This release contains the following enhancements:

- Support for Scalar Library LME (Library Managed Encryption)

- Support for LTO-8 drives and media

Resolved Issues

This release of LTFS has no resolved issues.

Known Issues

This release of LTFS has the following known issues:

Change Request Number	Service Request Number	Description	Workaround
		Quantum LTFS Manager version 1.0.0 is not supported on Mac OS X 10.6 (Snow Leopard)	Use Terminal Commands instead.
		If a power loss to a drive occurs during writes, the drive will appear twice in the GUI after the refresh list button is clicked.	N/A
		Quantum LTFS Manager or LTFS Mac installation package do not validate a version of LTFS SW installed on the system.	Quantum LTFS Manager is included with the LTFS 2.2.2 install package for Mac. It is recommended to use LTFS version 2.2.2 with LTFS Manager 1.1.5. Attempts to use LTFS Manager with LTFS versions prior to 2.2.2 might result in a drive showing up in LTFS Manager but not being supported by actual LTFS SW.
66679		LTFS for Mac default log directory can't be created in Sierra (10.12) and High Sierra (10.13) without root access.	Capture a drive dump using xTalk.
66981		LTFS is generating the wrong file when attempting a HP JDA drive dump.	Capture a drive dump using xTalk.
66923		LTFS 2.2.2 for Mac is not allowing the copying of .DS_Store extended attributes into the LTFS volume.	N/A
66845		force_mount_no_eod option is not able to mount an ltfs volume with no EOD.	N/A
66857		LTFS 2.2.2 creates rollback points every 15 to 20 seconds when sync time is set to maximum while copying files.	N/A

Change Request Number	Service Request Number	Description	Workaround
66828		There is a permission problem creating the default working directory in 10.12 and 10.13.	N/A
66846		LTFS 2.2.2 for Mac does not automatically create mount point when default devname is used.	N/A
66847		LTFS 2.2.2 for Mac allows mounting of an ltfs volume on a non-empty folder	N/A
58281		ltfsck deep and full recovery options are unable to recover a tape that was in a drive that was power cycled while writing	Avoid power interruption to the drive while writing data to an LTFS Volume.

Contacting Quantum

More information about this product is available on the Service and Support website at www.quantum.com/support. The Service and Support Website contains a collection of information, including answers to frequently asked questions (FAQs). You can also access software, firmware, and drivers through this site.

For further assistance, or if training is desired, contact Quantum:

Quantum Technical Assistance Center in the USA:	+1 800-284-5101
For additional contact information:	www.quantum.com/support
To open a Service Request:	www.quantum.com/osr

For the most updated information on Quantum Global Services, please visit: www.quantum.com/support

 Contacting Quantum