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Due to the increase in volumes of corporate databases the demand for backup storage space needed has also increased. In today's world all corporate companies demand a low budget, reliable and faster storage system. LTFS is an open standard; interchangeable with other LTO-5 brands, and is also cross-platform, so you can use the tape as you would a USB flash drive. LTO provides data storage and excellent preservation of data for an extensive period, high capacity backup and advanced operating quality. For a high end data storage solution, an open source Linear Tape File System (LTFS) in LTO-5 ultrium format is the pioneer. LTO ultrium tape is the ultimate choice for IT managers.

Benefits of LTO LTFS

Of all the tape formats, LTO 1, LTO 2, LTO 3 and LTO 4 the latest and smartest is LTO 5. Its tape format is intended to surpass the demanding data storage needs. The LTFS technology enables the users to partition the LTO-5 tape into two. Of which one is used by LTFS to record the administrator index of the stored data in the other tape. The computer recognizes the LTO-5 backup tape as a disk drive. LTFS technology eases the work of the users as they just need to drag & drop the data files just as they would with a memory stick or USB drive.

LTO tape solution is unmatched with its high performance of storage & archiving of data as compared to other backup technologies. The LTO 5 technology is unique as it is an economical solution for bulky fiscal records, average storage volumes, high-tech network servers and upcoming business applications. A single LTO-5 cartridge can store 3TB of compressed and 1.5TB of expanded data. LTO-5 drive transmits condensed data at the rate of 280 MB per second.

LTFS has simplified sharing of large data files and provides quick access to the stored data. It is also a smart investment for Small and Medium Enterprises (SME).

Henceforth IT managers can regulate their backup storage system with the advanced LTO-5 tape technology and provide a solution to the expanding storage requirements at an economical rate.

How to install LTFS

You simply need to download and install the LTFS software on your host machine, using the correct link. Simply load an LTFS-formatted tape into your LTO-5 drive, mount it in the file system and it displays itself as if it were a disk. Currently, the Quantum LTFS software supports Linux and Mac OS X.

System requirements for LTO LTFS

â€¢ Linux or Mac OS X

â€¢ Quantum LTO-5 tape drive with firmware V3082 or more and an LTO-5 tape

â€¢ Linux FUSE kernel mode subsystem or MacFUSE module

â€¢ If using xTalk for drive diagnostics, version 6.4.1.1 or higher supports LTFS.

To conclude the main benefits of LTO LTFS are faster access to data, simple drag and drop

options, compatibility across all locations, increased data mobility and a single storage media standard. Currently Quantum, HP and IBM are the leaders in this technology.

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Cross Roads - About Author:
Crossroads StrongBox is designed to address the need for a low cost and highly reliable a LTO LTFS, presenting itself as traditional network-attached storage-NAS while leveraging the new a Active Archive.

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LTFS LTO, LTO LTFS, Linear Tape File Systems, LTFS

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