Article Side

High Performance and Reliable HP LTO Ultrium4, 95P4436 Backup Tape Solution by Rob Miller

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Long term data protection, reliable backup storage and in-time data availability have become vital to the success and substantiality of all types of businesses. The organizations are clamoring for high-performance, economical, and space-efficient backup technologies. Linear tape open, in short LTO, addresses the backup storage needs of the todayâ€™s data-rich organizations at an affordable price. Lower operational costs, consistent performance, successive LTO generations, unmatched reliability and backward compatibility are some of the powerful features that make LTO ultrium a superior and intelligent tape format.

IBM has been a technical leader and innovator in tape industry for more than 5 decades. IBM is also the co-founder of LTO format. IBM LTO ultrium devices are specifically designed to withstand increased workloads and provide longer archival life. IBM LTO4 tape format is the answer to the increasing backup needs of high end workstations, complex I.T infrastructures, mid-sized organizations and departmental servers. The IBM LTO4 drives are highly space-efficient, and are available with 3Gbps SAS and LVD Ultra160 SCSI drive interfaces. Therefore the customers can easily integrate the IBM ultrium4 tape drives in a variety of open system servers. Data transfer speed of IBM ultrium4 tape drives has been increased to 120MB/s, whereas its earlier generation LTO3 drive features a native speed of 80 MB/second.

In comparison to the LTO ultrium3 cartridge, the capacity of IBM LTO ultrium4 tape has been increased by 100%. IBM LTO ultrium 4 cartridge can accommodate 800GB / 1600GB data. WORM (write once, read many) is an intelligent technology that helps to maintain superior data integrity by prohibiting over-writings, modifications and erasures. IBM LTO4 tapes are available in WORM and non-WORM models. IBM 95P4450, ultirum4 tape supports WORM mechanism. IBM LTO ultrium4 tape, part number 95P4436, is a non-WORM cartridge and allows data re-writes.

Multi-vendor interoperability is an advantageous feature of LTO ultrium format that helps keep it in the forefront of backup tape market. LTO backup tapes are available from HP, TDK, Maxell, Sun, Sony, Verbatim, Quantum, Imation, Dell, Fuji and many other tape media giants. Good news is that IBM is also offering complete backup solution based on the latest LTO-5 tape generation, which features enormous 1500 GB native storage capacity.

Some of the market leading LTO ultrium4 brands are:

26247007, Fuji LTO ultrium4 tape

LTX800G, Sony LTO ultrium 4 tape

D2407-LTO4, TDK LTO4 tape

C7974A, HP LTO4 tape

341-4640, Dell LTO4 tape

183906, Maxell LTO 4 ultrium tape

IBM LTO4 products provide IT managers the ability to cost-effectively handle the relentless data growth. The IBM LTO4 customers are also provided access to the previous versions of LTO media.

The IBM LTO ultrium4 drive offers complete read and record compatibility with LTO ultrium3 media, along with the ability to restore data from LTO2 tapes. With the incorporation of data encryption functionality in LTO4 format, the users enjoy peace of mind with the fact that their business-critical information is protected from un-authorized access and malicious data corruption.

IBM ultirum4 technology maximizes your investment and allows expansion of business operations at an affordable price.

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