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Dell LTO-4 is the Most Efficient Midrange Backup System

by Rob Miller

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The truth is that without an ongoing backup storage system, you cannot ensure business continuity. Loss of customer information and other sensitive organizational data can result in heavy financial penalties, imposed by the government regulations, and even bring your entire business operations to a halt. Due to the shrinking budgets and exploding data volumes, companies demand backup solutions that deliver cost-efficient up-gradation, robust protection against malicious access, ample recording capacity and fast data streaming speed. You will find all of these superior attributes in Linear Tape Open (LTO) format, which surpasses other tape-based solutions in terms of performance, data security and scalability.

Dell engineers its backup media devices with tightly-controlled manufacturing techniques, thus ensuring superior quality and better performance than other storage products. Dell offers a cost-efficient LTO ultrium solution for companies of all sizes. The exceptional range of Dell LTO solutions, ranging from LTO ultrium 1 to the highest capacity LTO-5, provides customers more choice and the best value for their backup media investments.

341-4640 is the part number of Dellâ€™s precision-engineered LTO4 cartridge that can hold 4-times higher data than LTO2 ultrium tape. As compared to its predecessor LTO3 tape, you can seamlessly record twice the amount of information. Dell LTO-4 media cartridgeâ€™s compressed and native storage capacity reaches 1.60 TB and 800GB. This exceptionally high storage capacity helps customers backup their rapidly growing databases on fewer LTO 4 tapes. So the users want have to free space from their media storage shelves, and easily accommodate high-volume backups in a small footprint. Another benefit is that the IT managers can manage greater amounts of data without increasing complexity of their I.T environment.

Dell LTO ultrium 4 is an industry-leading midrange tape system that balances performance and reliability. Dell LTO-4-120 drive family features versatile and intelligent drives that better serve the needs of complex computing environments. For space constrained data centers, you can choose the HH (half height) drive units; whereas Dell has also developed Full height (FH) LTO-4 drives. Dell LTO 4 drives seamlessly extend the data throughput rate to 120Mbps (without compression). So install these super fast drives and meet the demands of data mining, supply chain management and a comprehensive range of enterprise applications.

Customers of previous LTO generations looking to migrate wonâ€™t have to discard their LTO media tapes, because LTO 4 drives have the ability to operate tape cartridges of previous two generations. LTO-3 media tape cartridges can be used for data recording and you can retrieve the previous backup data as well. LTO4 tape drives can only retrieve data files from LTO-2 media tape.

Dell LTO 4 drives can encrypt your data with the superior 256-bit AES algorithm, thus giving I.T managers peace of mind regarding long term security against malicious access. These drives efficiently encrypt the data files at full line speed, without affecting the throughput performance. That is why the Dell LTO4 drives deliver the best MTBF rating (25,000 hours) in midrange class.

So equip your organizationâ€™s complex data center with this intelligent Dell LTO4 system and meet the data protection objectives without compromising on performance.

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Rob Miller - About Author:
Frank Miller is the Marketing Manager of Backuptape and markets a LTO-4 media tape and a 341-4640. He has vast experience in the marketing and trading industries and has been helping buyers who have the backup needs and guide clients about the technology.

Frank Miller
3984 Washington Blvd #503 Fremont CA 94538
Tel: 888-686-8273
Fax: 888-449-5050
Email: sales@backuptapes.net

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