Improve the Backup Performance with LTO ultrium 5 Tape Format

by Rob Miller

Article published on January 24th 2012 | Hardware

Nowadays, the data centers have become more complex, whereas the organizations are producing vast amount of operational data. You cannot compromise on data security, as you might end up losing your entire business. Companies also have to comply with the government & industry legislations that enforce long-term data retention. That is why periodic data backup has become vital for every organization.

In backup storage system, storage capacity, performance, speed and smooth scalability are paramount. LTO (Linear Tape Open) technology offers more than that; it offers media interoperability across different LTO brands and low ongoing ownership cost. Its latest LTO5 tape format delivers nearly twice the recording capacity of LTO4 within the same foot-print. Therefore, providing organizations a much lower cost per GB and the advantage of fewer tapes required for massive data backups. Thanks to the industry-leading storage density, LTO ultrium 5 cartridge can quickly and reliably backup 1.5/3 TB data.

Most importantly, the innovative media partitioning functionality enhances the performance, simplifies data management and elevates the economical advantages of LTO 5 ultrium technology. You can create two partitions on a single LTO5 cartridge, whereas the data can be recorded and retrieved with the simple drag-and-drop method. The users can access each partition independently, just like if you are backing up data to tow separate tapes. File content is stored on one of the media partition, whereas the other holds the file index.

Simplicity offered by the LTO-5 tape media format is simply unrivaled. Now you wonâ€™t have to wait for longer time durations to backup your bulky databases, as LTO 5 drives stream data at a super fast speed of 1 terabyte per hour (compressed). LTO5 ultrium tape format delivers a perfect combination of cost-effectiveness and performance to large business enterprises, demanding server environments, information systems, enterprise class applications, financial organizations and mid-sized companies.

These LTO ultrium 5 tapes can be moved to remote locations to ensure reliable disaster recovery, and their robustness protects against cartridge mishandling, bumps and accidental drops. The customers can benefit from their remarkable compatibility with all LTO 5 drives. This enables data sharing and backup operations across different LTO systems. The biggest advantage is that the companies can rely on a single tape storage format, rather than increasing the complexity of their data center by installing different backup storage technologies.

In addition, the LTO5 system connects you to the previous LTO generations as well. Data can be extracted from LTO4 and LTO3 media tape cartridges with all models and brands of LTO 5 drives. Thatâ€™s not all; LTO5 drives also feature the ability to efficiently record data on LTO ultrium 4 backup tapes. So, reduce the cost of protecting your sensitive business data with LTO ultrium 5 technology. Product and software names mentioned throughout this article are trademarks and are sole property of their owners.

Article Source:
http://www.articleside.com/hardware-articles/improve-the-backup-performance-with-lto-ultrium-5-tape-format.htm - Article Side

Rob Miller - About Author:
Rob Miller is the Marketing Manager of Tape4backup and markets a lto-5 media tape and a maxell lto 2 tape. 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.

Rob Miller
34972 Newark Blvd,# 501,Newark CA 94560
Tel: 888-491-4949
Fax: 888-449-5050
Email: rob@tape4backup.com

Article Keywords:
LTO 5 tape,Maxell lto5,HP LTO5,HP C7975A,229323,02H9YH,61857,Sony LTO5 tape,lto5 media,IBM 95P4436,Dell LTO 5 tapes

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!