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IBM TS2340 Full Height Drive Ensures Long Term Reliability with 95P4436, LTO 4 Tape by Rob_Miller

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Securing sensitive corporate data and ensuring fast access to the massive data amounts are the tough challenges that must be met with rock solid reliability. A security breach or tampered data can halt your business activities, and you might lose trust of your loyal customers. The organizations are burdened with the growing infrastructure complexity and the rigid government legislations that demand data preservation for longer time period. LTO (Linear Tape Open) technology provides a reliable and affordable solution to these challenges with its multiple LTO versions. So you can be rest assured that your backup needs can be fulfilled in a cost effective manner.

IBM is one the pioneers of LTO technology, whereas the other co-founders are HP Hewlett-Packard and Seagate. So when you purchase LTO ultrium devices engineered by IBM, you can meet the objectives of low-operating costs, long term archiving and reliable data security at the best price. TS2340 is a new super-fast external LTO4 drive that has been carefully designed by IBM for the toughest backup demands of midrange open systems. This full height drive provides superior reliability and fast speed to surpass the demands of advanced database applications.

For this high-speed TS2340 LTO4 drive, you need a reliable and robust tape that can ensure consistency and perform excellently under higher duty cycles. The ideal tape cartridge is IBM 95P4436. This LTO-4 cartridge not only ensures long term reliability but also supports other demanding challenges like fast access and encryption functionality. So the data administrators can satisfy the high performance demands of workgroups, video applications, storage area networks, midsized companies, data mining and workstations at an economical cost. Data storage capacity of LTO4 ultrium tape is 800GB/1600GB, which is four times the capacity of LTO2 media tape. If we compare its storage capacity with that of LTO-3 media tape, the capacity gain is 100 percent.

So the data-intensive companies will have to deploy fewer LTO 4 tapes, which will result in reduced cartridge handling and save more on-site and off-site media storage space. In addition, the users can also operate the IBM LTO4 tapes in automated libraries with confidence.

TS2340 drive features an intelligent AES 256-bit encryption system that will secure the companyâ€™s critical data files with a powerful encryption code. If your data is hacked or the tape cartridges are stolen, the stored information canâ€™t be used maliciously. So the backup storage objectives along with the regulatory compliance demands can be fulfilled with this intelligent LTO4 solution. This drive supports SAS and SCSI attachment, thus providing exceptional compatibility.

Backup performance of TS2340 drive has been increased to 120/240 Mbps. The drive buffer can hold up to 256MB data, therefore, you wonâ€™t experience any interruptions in drive operations even if the conditions are harsh or there are repeated load/unload cycles. IBMâ€™s ongoing development of superior technologies and cutting-edge features assure that this LTO ultrium 4 backup solution not only secure the integrity of your voluminous data, but also provide a scalable platform to deal with the evolving storage needs.

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Frank Miller is the Marketing Manager of Backuptape and markets a LTO 4 media tape and a IBM 95P4436. 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.

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