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Advanced Data Protection Features of HP SDLT 320 Tape Storage Devices by Rob Miller

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Companies of all sizes are facing the demanding challenges of backing up and archiving larger and larger data amounts for longer time periods. According to a survey conducted by InformationWeek Analytics, more than 50% of the companies surveyed were handling massive data amounts ranging from 1 TB to 99 TB.

SDLT tape technology is a smart choice for such high demanding environments.

SDLT tape format offers the capacity and higher performance to satisfy the business critical demands of the customers at lowest cost.

HP SDLT-320 drive family is the best backup solution for corporate servers, data intensive environments, network servers, busy data centers and data mining. The SDLT-320 drive family is based on SDLT-1 tape technology. HP SDLT-320 drives serve the increasing storage needs with their exceptional 320GB media capacity and increased data throughput of 57.6 GB/hour.

Combination of HP SDLT-1 tape and drive provides an ideal solution that addresses the needs of modern enterprises and backup applications at lowest cost. Robust data security and long term data protection capability of HP SDLT-320 drive enable the organizations to reliably meet the data retention laws with greater efficiency. Super DLT tape format is offers its customers more benefits and protects their investments. It provides easy and trouble-free migration path to the next SDLT generations. The roadmap of SDLT tape format extends the storage capacity beyond 1 TB.

HP SDLT-320 is an economical and intelligent tape drive that performs excellently with HP AlphaServers, HP ProLiant servers and Open SAN environments. Previous generation DLT-IV tapes are backward compatible (read and write) with HP SDLT-320 drives. Performance and capacity of SDLT-320 have been enhanced by 45% over the previous versions. Use the HPâ€™s SDLT cleaning cartridge, part number C7982A, to ensure consistent performance and reliability.

HP SDLT-320 tape drives are rigorously engineered to provide unmatched data density. This has been made possible with the employment of innovative MR (magnetic resistive) head. MR head helps to reduce the media wear. For enhanced tape stability and read/write accuracy, HP has incorporated a tape buckling system that also helps to optimize the tape to head contact.

Top brands of SDLT-1 tape cartridges are:

HP SDLT 1 tape

C7980A

Maxell SDLT-1 tape

183700

Dell SDLT 1 tape

09W085

IBM Super DLT 1 tape

35L1119

Imation SDLT 1 media tapes

17549, 16260

Quantum Super DLT 1 tape

MR-SAMCL-01

Sony SDLT 1 tape

SDLT1-320

In comparison to other competing tape formats, the HP SDLT-320 has reduced the backup windows by 33 percent through its higher transfer rate of 57.6 GB/hr. You can be assured of low ownership cost because you can accommodate higher data amounts on fewer SDLT-1 tapes. Ultra smooth tape reel of HP SDLT-1 tape further contributes to the exceptional data accuracy and cost effectiveness. These backup tapes are built tough to assist the SDLT-320 drives in delivering unmatched recording performance. HP SDLT-320 tape devices work excellently in wide range of environments, thus making them the most economical and highly preferred storage solution.

HP SDLT-320 drive provides compatibility with the below listed operating systems:

HP Tru64 UNIX

Novell NetWare

OpenVMS

HP-UX

Caldera â€“ UnixWare, Open UNIX

Windows NT 4.0

Linux SuSE and Red Hat

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Frank Miller is the Marketing Manager of Backuptape and markets a Superior and a offer. 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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