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Small Business Data Can Be Economically Backed Up with HP-Branded DDS 2 Media Tape SSystem by Rob_Miller

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Nowadays, when planning business strategy and long term security, the companies must have a worldwide perspective. In E-business world, customers donâ€™t compromise on time and quality. As the customers have enormous choice, Business enterprises need to be agile. Fast access to the mission critical data is essential for smooth ongoing business operations. A wise decision would be to create backup of organizational data, so that virus or any other information disaster (software bugs, hardware failure etc.) wonâ€™t cause any interruption.

Due to remarkable increase in E-business operations, the SMB (small and medium businesses) also turn to backup storage systems. DDS tape storage format has a solid history of more than 20 years, and is the most preferred choice of SMBs. Its multiple tape generations and small 4mm form factor provide a perfect fit for the long-term storage needs, space constrained data centers and satisfy the toughest demands.

Hewlett-Packard HP co-developed this firmly-established DDS technology. HP DDS customers wonâ€™t have to switch to other backup systems for their evolving needs. Users are provided the best range of DDS devices that are long-lasting and designed for low cost per GB. Small businesses struggling with time-critical applications and slim budget can address their stringent demands with HP DDS2 system. Storage capacity of this compact system is ideal for entry level servers and works excellently with high-end workstations.

The HPâ€™s durable tape based on this DDS2 generation is C5707A. The tape preserves twice the data of DDS1 media tape. Storage capacity offered by HP DDS4 tape for uncompressed information is 4GB. The compression algorithm in DDS generations doubles the capacity and the data transfer rate. The compression functionality boosts the data recording capability to a magnificent 8 GB. Extremely smooth tape reel of DDS4 cartridge reduces media deterioration and accelerates the tape movement.

HP has incorporated new innovative techniques that deliver excellent reliability and consistency that is demanded by todayâ€™s data centers. Data integrity is verified immediately after the HP DDS2 drive writes the data. The drive will rewrite the data if an error is detected. To make this feature more effective, HP incorporated the data randomizer mechanism. It enhances the signal strength and ensures consistent data streaming. Moreover, the DDS4 drive further improves reliability with its smart â€œerror correction codeâ€•. These exclusive and intelligent features help optimize the performance and improve the storage value.

DDS-1 customers will be pleased to know that can their system up-gradation would be extremely cost-efficient, as your DDS 1 tapes are fully compatible with HPâ€™s DDS2 drive. So you can use two generations and efficiently store/retrieve the data for smooth business operations. In this way, HP DDS customers can improve their storage performance and extend their investment.

HP carefully engineers its each product and maintains highest level of quality. Additionally, the HPâ€™s exhaustive tests verify consistent performance and provide businesses complete assurance of rock solid reliability. HPâ€™s DDS devices outperform the specifications of DDS, thus making it a smart investment for seamless future growth and reduced backup time.

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