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Dell DDS4 Tape, an Intelligent and High Speed Backup Solution for Stringent Challenges by Rob  Miller

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Businesses and public organizations are generating vast amounts of data. Data administrators have to make this information available to the clients, management, government agencies and stake holders in time.  Corrupt or lost data can become a major threat to your business sustainability. Online databases need robust security, as there is a high risk of viruses and hackers. Proactive business enterprises backup this valuable information. This smart approach has now become the top priority of every organization.

Digital Data Storage (DDS) is the industry-proven tape format, intelligently developed for the growing needs of midsized & small companies. It guarantees trouble-free system up-gradation and superior operating efficiency, while delivering a small form factor for the space-constrained companies.

DDS, being a best-selling tape technology, is offered by the major tape specialists and Dell is one the best brand. Customers feel confident when they purchase Dell-branded products, as they are engineered with state-of-the-art technologies and superior robustness.

Dell DDS4 surpasses other tape solutions in SMB industry. It also performs excellently in distributed large enterprises. The robust tape, part number 09W083, delivers longer archival life. IT managers wonâ€™t have to worry about compatibility as there is an exceptional range of Dell-branded DDS 4 drives. Thanks to backward compatibility, users are provided the flexibility to utilize all previous three DDS generations. So the DDS 4 customers can connect to various other DDS environments, which will save cost, reduce ownership cost and enhance the operating efficiency. DDS 4 is the only tape based system available that supports four tape versions, reaching up to 1st generation DDS1.

DDS4 tape features high media capacity of 20GB / 40GB. It is perfect for backing up midrange & small servers. Dell understands the challenges of constrained data center space. That is why Dell has developed compact DDS 4 devices that deliver consistent performance and longer working life. DDS4 tapes will benefit the customers even if they migrate to next DDS version, as backward compatibility features in all DDS drives. This advantageous functionality maximizes the customersâ€™ DDS investment and enables standardization of backup system with a firmly established tape format. The next DDS5 generation offers 36GB / 72GB recording capacity.

Todayâ€™s enterprise applications demand fast access. Dell DDS4 solution fulfills this demand with its reduced media loading time and fast searching speed. The DDS 4 tapeâ€™s base film seamlessly moves across the drive head, because its smoothness has been enhanced with small magnetic particles. Moreover, the smart media manufacturing process ensures uniform surface across the entire base film. So the pressure on drive head and tape reel decreases, thus accelerating the write/read tasks and extending the working life. The drives deliver excellent read/write accuracy at 5.5 MB/s compressed speed, so the exploding data volumes can be quickly backed up.

Dell also offers professional services that help minimize the infrastructure complexity while optimizing the return on investment. So the value-conscious business enterprises looking for low ownership cost and in-expensive tape storage solution for their fast growing databases can confidently install this Dell DDS4 system.

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Frank Miller is the Marketing Manager of Backuptape and markets a Backuptapes.net and a long term. 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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