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HP DDS 4 Tape Best Optimal Solution for the SMB Customer's Stringent Backup Demands by [Rob Miller](#)

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Business continuity cannot be ensured without securing your business critical data and sensitive customer information. There are numerous threats that can tamper or erase the data and therefore, it is critically important to backup your data. Due to constrained budgets, floor space and I.T staff, the business enterprises need more compact and low-priced backup systems for their ever-increasing storage demands. DDS (Digital data storage) technology does this job with greater efficiency and reliability, while delivering the best total ownership cost.

No other company knows DDS tape technology better than HP Hewlett-Packard, because it is the co-inventor of this firmly-established tape storage format. HP DDS4 backup tape system is a quality decision for enterprise-class applications, mid-range storage management, demanding workgroups, enterprise networks and SMBs. HP DDS 4 system stands apart with its impressive storage capacity, compact size, backward compatibility and seamless scalability. There are a number of DDS 4 tape brands, which has resulted in better media quality and competitive prices. In addition to HP, the other famous brands are DGD150PWW (Sony), 27505 (TDK), 09W083 (Dell), 40963 (Imation) and CDM40 (Quantum).

In order to improve compatibility and reduce infrastructure complexity, the customers can choose from the external & internal HP DDS4 drive units. So the customers can gain the best value for their DDS-4 tape investment and meet their service-level agreements at an affordable cost per GB. For long-term archiving, you should use the HP C5718A, DDS4 backup tape. Un-compressed storage capacity of HP DDS4 media cartridge is 20GB. The capacity can be further enhanced to 40 GB with data compression. Therefore, fewer tapes would be enough to backup the heavy databases, thus satisfying the demands of space-constrained companies. You can save more shelf space and the I.T staff will have to manage smaller data set, resulting in greater operational efficiency and fast data searching.

HP DDS 4 drives achieve an impressive 10.8 GB/hr backup rate, enabling efficient management of workstation backups. Good news is that the customers of DDS2 & DDS-3 tape systems won't have to sacrifice their tape cartridges when up-grading to DDS 4 format. HP has intelligently designed its DDS4 drives to seamlessly perform read/write operations with DDS3 and DDS-2 cartridges as well. So the IT staff can restore the previously backed up data, and further elevate the storage value. The seamless scalability and backward compatibility offered by HP DDS solution reduces the up-gradation cost and provides the advantageous benefit to standardize the backup storage system of your entire organization.

With the help of advanced 'library & tape tools', the users can easily download firmware and efficiently manage the tape devices with its media diagnostics. Furthermore, the 'TapeAlert' software provides information regarding media performance, so the IT managers can devise solution to the problems before they occur. So the decision making becomes proactive. The HP DDS 4 drives can be easily installed in a small footprint with the 3-U rack configuration. Therefore, within your small I.T environment, you can share, store and archive large volumes of data with confidence.

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Rob Miller is the Marketing Manager of Tape4backup and markets HP a [C5718A](#) and TDK a [27505](#). 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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