HP StorageWorks Solutions

Overview

HP has converged the technology infrastructure for SMBs by improving every aspect of data protection. New HP StorageWorks solutions lower risk and increase business productivity by enabling customers to:

- Ensure simple, reliable restore of recent data with application integrated snapshots from HP LeftHand SAN solutions.

- Recover up to several months of stored data quickly from disk using the data deduplication capabilities of HP Disk-to-Disk (D2D) Backup Systems.

- Increase data protection to meet regulatory requirements and reduce risk in case of site-wide disasters with enhanced HP tape solutions for long-term data retention.

To simplify data protection and increase data recovery reliability, the HP LeftHand P4000 solution includes application integrated snapshot functionality that allows administrators to instantly capture a data set within an application directly from the P4000 user interface. This significantly reduces administrative time and ensures a reliable restore in the event of a failure or disaster.

To ensure that older data can be accessed quickly for data recovery, HP D2D Backup Systems include HP Dynamic data deduplication which significantly reduces the data stored during backups. This allows up to 50 times more data to be held on the same set of disks, providing users with quick access to several months of previously backed-up data. HP D2D Backup Systems are also available with NAS-based backup targets allowing users to backup to a Common Internet File System (CIFS) or a Network File System (NFS). This allows customers to choose the backup solution that best fits their budget and needs while protecting against storage system failures.

The new DAT 320 Tape Drive, which utilizes the latest generation of Digital Audio Tape (DAT) format, enables small businesses to double storage capacity over previous generations at an affordable price point.

HP StorageWorks improves performance and secures data

The following HP storage solutions enable SMBs to meet business challenges by lowering the costs and complexities of protecting important data:

Updated HP LeftHand P4000 SAN Solution
- Simplifies business continuity and data protection through all-inclusive software that allows instant snapshots of data sets, which is available at no additional software or hardware cost.

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- Reduces costs by delivering enterprise data protection functionality without additional software licenses through new integration with Microsoft VSS-enabled applications. As a result, customers simplify backups and improve return on investment (ROI).

Enhanced HP StorageWorks D2D Backup System
- Gives customers the option to choose the backup option that best suits their needs by using standard NAS-based targets – CIFS or NFS. This option also eliminates upgrade license fees required for backup to virtual tape libraries.

- Lowers costs and improves recoverability with data deduplication, allowing up to 50 times more backup data to be retained on the same amount of disk capacity.

- Improves efficiency as time consuming administrative tasks are eliminated. IT administrators can create and store data on a CIFS or NFS drive share, providing a simpler method of backup to the D2D Backup System.

New HP StorageWorks DAT 320 Tape Drive
- Enhances data protection in the event of system failures, operator error, theft or natural disasters with advanced encryption capabilities.

- Reduces backup costs by doubling storage capacity and utilizing 50 percent less power than previous generations.[1]

- Improves performance and reduces risk of error by enabling administrators to quickly back up to 86 gigabytes (GB) of data per hour, while still being able to read and write to existing DAT 160 tapes.

- Lowers total cost of ownership with the DAT's durable enclosure and backwards compatibility, which provides a seamless upgrade path from older drives.

Pricing and availability

The LeftHand P4000 SAN Solutions are currently available at U.S. list pricing starting at $16,000. The HP StorageWorks D2D Backup System enhancements will be available in December 2009. Current D2D customers can upgrade through free firmware at www.hp.com. All D2D products purchased after December 2009 will include the new features. The DAT 320 Tape Drive is currently available at a U.S. list price starting at $899.

More information about HP StorageWorks solutions is available at www.hp.com/StorageWorks.

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[1] The average power consumption of the HP StorageWorks DAT 320 tape drive is around 5.7 watts, as compared to the DAT 160 which has an average power consumption of around 10.3 watts.