Make the Switch from DDS to VXA!

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VXA PACKETS

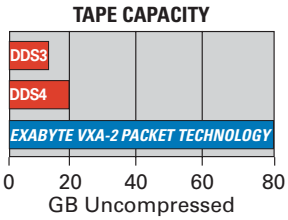
Greater Capacity, Faster and More Reliable Backups

DDS users migrating to VXA-2 Packet Technology realize numerous benefits, all contributing to increased data protection. With similar drive and tape cartridge pricing, and support for most all backup software applications, the VXA-2 Packet Tape drive is the logical choice.

1 VXA Protects Much More Data

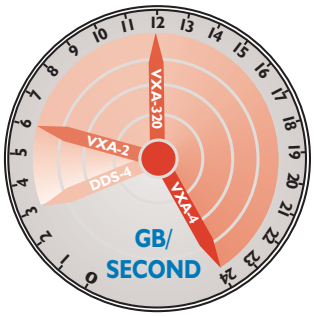
In the last fifteen years, disk capacity has increased by a factor of 1,000, yet DDS tape capacity has only increased by a factor of 27. DDS tape capacities are simply insufficient to backup today's servers, and offer no potential to keep pace with the rapid growth of storage.

Exabyte's VXA-2 Packet Tape cartridges offer four times the capacity of DDS4 tapes, and almost seven times the capacity of DDS3. Greater capacity accommodates larger disk drives, or allows multiple servers to be backed up to a single tape.



2 VXA Backups are Faster

As the storage volumes grow, the speed of the tape drive becomes critical to ensure that backups complete on time. VXA-2 Packet Tape drives transfer data twice as fast as DDS4 drives, allowing for the protection of twice the amount of data in the same period of time. Future VXA formats will operate at four and eight times the speed of DDS4.



3 VXA Packet Technology is Affordable

VXA Packet Technology is designed to be affordable and cost effective for DDS users. Your new VXA-2 Packet Tape Drive will likely cost less than you spent on your DDS drive, yet offers greater capacity, and faster and more reliable backups. VXA X6 20 gigabyte tape cartridges are priced similar to DDS-4 20 gigabyte tapes, yet last at least five times longer. For larger backups, VXA X10 tapes (40 gigabytes) and X23 tapes (80 gigabytes) offer significantly improved data protection for a similar cost per gigabyte of DDS-3 and DDS-4 tapes. (All capacities are uncompressed.)

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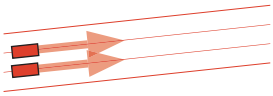
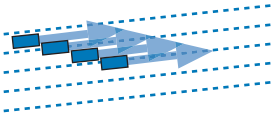
4 VXA Backups are the Most Reliable

DDS and other conventional tape drives read and write data in diagonal tracks spanning the width of the tape, requiring precise alignment along the length of the track. DDS drives read two tracks at a time, with one head responsible for each track.

VXA Packet Tape drives read small, individually addressed packets with four overlapping heads, eliminating track alignment errors. When all packets have been read, they are re-assembled into data blocks. The resulting block is then checked and corrected with a four-level reed-solomon ECC. VXA tape drives are 180 times more likely to correct errors from a damaged tape than DDS.



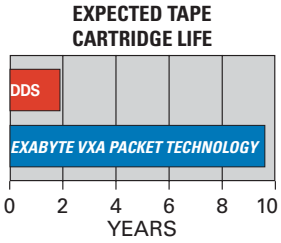
DDS-4 reads two long tracks with two heads.



VXA Packet Technology reads individual packets with four overlapping heads.

5 VXA Tapes are More Durable

VXA-2 tapes utilize Advanced Metal Evaporated (AME) technology, a more durable coating than the simple metal particle coating on DDS tapes. This durability directly translates into the rated lifetime — less than 100 uses for a DDS tape, compared to a minimum of 500 uses for a VXA Packet Tape. When a tape is utilized once a week in a backup scheme, a DDS tape will last less than two years, compared to 9.6 years for a VXA Packet Tape.



6 VXA Tapes Experience Less Wear

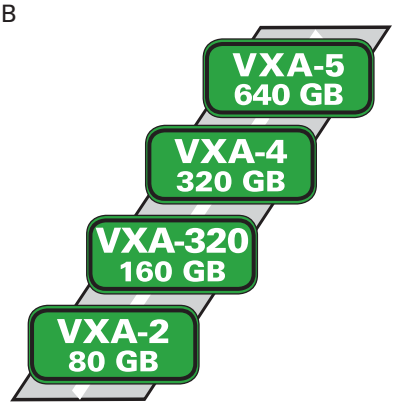
VXA Packet Tape drives feature Variable Speed Operation (VSO), allowing the drive to slow down the tape speed to match the rate that data is arriving from the server. DDS tape drives must stop, rewind, and restart whenever the server cannot keep up with the tape drive. This restarting, called backhitching, causes a multi fold increase in tape wear, reducing the life of the tape, and increasing the risk of tape

7 VXA Tapes Cost Less in the Long Run

VXA-2 Packet Tape cartridges provide a dramatically lower total cost of ownership (TCO) than DDS tapes. Their longer life and ability to be used in the next generation VXA-320 drives dramatically reduces total tape purchases over three and five years. A selection of three tape capacities including 20/40 GB, 40/80 GB and 80/160 GB (uncompressed/compressed) allows the optimal purchase of only the capacity required.

8 VXA Offers a Future Growth Path

The VXA Packet Technology "road map" incorporates a decade of planned enhancements to increase capacity and transfer rates. With a planned increase of over ten times the original capacity specifications, and eight times the original transfer speeds, future Exabyte products will accommodate your upcoming storage growth and data protection requirements.



Improve your Data Protection...
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