

IBM Tivoli Storage Manager Backups with ExaGrid



Storage Magazine Products of the Year Award: Gold Medal Winner

"ExaGrid remains one of the few vendors thinking about how a system grows with the customer. Kudos on taking it to the next level."



InfoWorld 100 Award Winner

"Being recognized for one of the most innovative IT projects of the year by InfoWorld is a great honor for GreenBank, we are very proud to have received this for our use of ExaGrid's disk-based backup technology."



Best Deployment Scenario Winner - Data Recovery

"ExaGrid's disk-based backup solution saves Gardner Trucking an estimated \$200K 24 hours after installation."



ExaGrid Named a Gartner "Cool Vendor" in Data Protection

"Companies named 'Gartner Cool Vendors' are Innovative, Impactful, and Intriguing."

Disk-Based Backups with IBM Tivoli Storage Manager and ExaGrid

IBM Tivoli Storage Manager (TSM) users can quickly and efficiently back up their data on the most cost-effective and scalable disk-based backup system available on the market. By backing up to an ExaGrid appliance, IBM TSM customers can gain improved backup performance, fast and reliable data restores, rapid recovery from system or site disasters, and greater freedom from tape management issues.

Fast, Simple, Disk-Based Backups

With the combination of IBM TSM and ExaGrid disk-based backup with deduplication, you can eliminate the management hassles of tape and also avoid expensive, complex VTL-based solutions. TSM backup data can be backed up to an ExaGrid appliance through a simple share mount using CIFS or NFS.

Easy to Install, Use, and Manage

The ExaGrid appliance fits easily into your existing backup environment behind your existing TSM backup server. Simply plug in the ExaGrid behind your TSM server and point your TSM backups to the ExaGrid appliance via a NAS share, and you are ready to begin executing backups. Many ExaGrid customers are able to go from box to first backup in less than 30 minutes. Once installed, backup management is made simple with ExaGrid's intuitive management interface and reporting capabilities.

Fast Backup and Restore Performance

Moving from tape to a disk-based backup appliance from ExaGrid can significantly reduce backup times. Serving as both your primary disk pool and your primary storage pool, the ExaGrid appliance eliminates the need for separate disk pools and makes your management challenge that much easier. In addition, the ExaGrid appliance keeps your most recent backup intact in non-deduplicated form, ready to be rapidly restored when needed.

Superior Scalability with No "Forklift" Upgrades

With ExaGrid's grid-based architecture, each appliance in the system brings with it not only additional disk, but also additional memory, bandwidth, and processing power – all the elements needed to maintain high backup performance. This keeps your backup window short as your data grows, as growth is accommodated by simply adding additional appliances to the grid. There is no need to replace less powerful appliances with more powerful ones – no forklift upgrades – you simply add more appliances to the grid as suits your needs. You get the shortest possible backup times, with the ability to easily keep those times short as your data grows over time.

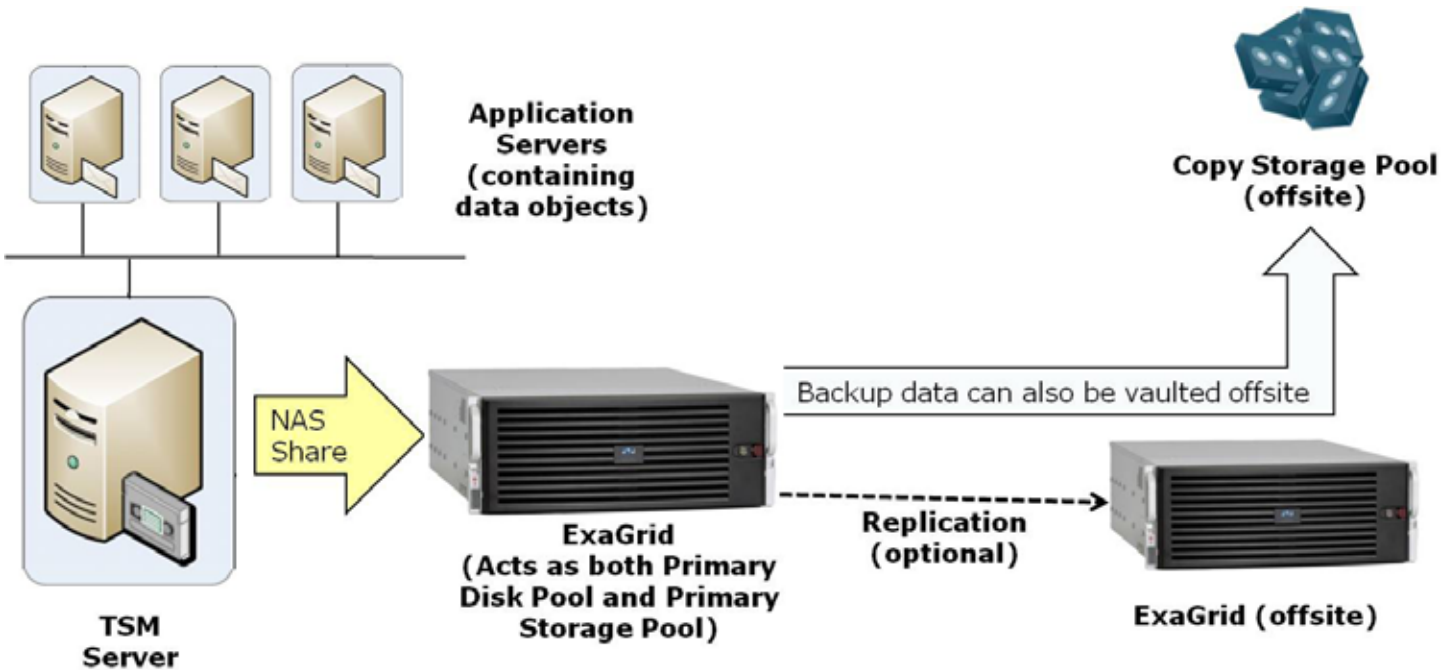
WAN Efficient Method to Move Backups to Off-Site Disk

The costs and hassles of handling, transporting, securing and storing tapes at offsite locations for disaster recovery was once a necessary evil. When backing up IBM TSM to an ExaGrid appliance, however, organizations can eliminate or greatly reduce the need to restore from tape, even when the restore is coming from an offsite copy of the backup data. ExaGrid's disk-based backup with deduplication not only saves capacity for storing backups, but also it greatly increases WAN efficiency when transferring a copy of that data to an offsite location for disaster recovery protection. A secure connection assures data integrity while also alleviating hours of manual handling of tapes to and from locations.



ExaGrid® Cost-Effective Disk-Based Backup™

ExaGrid in a TSM Environment



When you install an ExaGrid in an IBM TSM environment, your management challenge becomes dramatically simpler. You no longer need to manage a separate primary disk pool as a staging area from which to copy daily TSM backups, as the ExaGrid effectively acts as both the primary disk pool and the primary storage pool. This can allow you to free up the expensive disk that you were using as your primary disk pool, and reclaim that for your primary storage needs.

You can also use ExaGrid's replication capability to maintain an offsite copy of your backups and further reduce the need for tape in your environment. If tape backups are still needed, however, tape copies to the copy storage pool can be performed by directing the TSM server to copy the data from the primary storage pool (which resides on the ExaGrid) to the copy storage pool (tape).

About IBM Tivoli Storage Manager Backup and Recovery

IBM Tivoli Storage Manager's backup and recovery solution is a centralized, comprehensive solution that employs smart data movement and smart data store technology that makes backups and restores as fast, flexible and low-impact as possible. The IBM Tivoli suite of storage products supports more than a dozen OS platforms, a variety of network connectors and more than 500 storage devices.

About ExaGrid

ExaGrid is the leader in cost-effective disk-based backup solutions. A highly scalable system that works with existing backup applications, the ExaGrid system is ideal for companies looking to quickly eliminate the hassles of tape backup while reducing their existing backup windows. ExaGrid's innovative approach minimizes the amount of data to be stored by providing standard data compression for the most recent backups along with zone-level data deduplication technology for all previous backups. Customers can deploy ExaGrid at primary and secondary sites to supplement or eliminate offsite tapes with live data repositories or for disaster recovery.