ExaGrid Disk-Based Backup and IBM Spectrum Protect (TSM)

DATA SHEET

STORAGE AWARDS THE STORRIES XVI WINNER

ExaGrid Wins Storage Awards' "Enterprise Backup Hardware Product of the Year – 2019"

NETWORK computing AWARDS 2019 WINNER

ExaGrid Voted Network Computing's "Hardware Product of the Year – 2019"

2018 WINNER SVC AWARDS

ExaGrid Voted SVC's "Hyper-convergence Company of the Year – 2018"

RECOMMENDED 2018 DCIG BUYER'S GUIDE DEDUPLICATION BACKUP TARGET APPLIANCE

DCIG Rates ExaGrid #1 "Recommended Deduplicating Backup Appliance" in 2018 Buyer's Guide

Gartner

ExaGrid Named "Visionary" in the 2015 Magic Quadrant for Disk Backup with Deduplication Appliances

Disk-Based Backups with IBM Spectrum Protect (TSM) and ExaGrid

IBM Spectrum Protect (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 Spectrum Protect (TSM) customers can improve their backup and restore performance, achieve rapid recovery from system or site disasters, eliminate primary disk pools, and gain greater freedom from tape management issues.

Fast Backup and Restore Performance

Moving from tape to a disk-based backup appliance from ExaGrid can significantly reduce backup times, helping customers stay within their backup window and avoiding the hassles and delays of backing up to tape. Restores are also much faster and easier, as ExaGrid's Landing Zone technology keeps the most recent backup intact in non-deduplicated form, ready to be rapidly restored when needed.

Simplify and Save by Eliminating Primary Disk Pools

When backing up with IBM Spectrum Protect (TSM) to ExaGrid, the primary disk pool to which backups are typically initially staged can be eliminated. Instead, the ExaGrid appliance itself can serve as both the primary disk pool and primary storage pool. This eliminates the need for a separate primary disk pool, and allows you to re-purpose that disk storage for other uses, reducing costs and making your management challenge that much simpler.

Scalability That Meets Your Business Needs without Costly "Forklift" Upgrades

With ExaGrid's scale-out 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 the backup window short as data grows, since growth is accommodated by simply adding additional appliances to the system. There is no need to replace less powerful appliances with more powerful ones – no forklift upgrades; you simply add more appliances to the system. 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 Offsite 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 Spectrum Protect (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

ExaGrid and IBM Spectrum Protect (TSM)

Easy to Install, Use, and Manage

With the combination of IBM Spectrum Protect (TSM) and ExaGrid disk-based backup, you can eliminate the management hassles of tape and also avoid expensive, complex VTL-based solutions. The ExaGrid appliance fits easily into your backup environment behind your existing backup server. Simply plug in the ExaGrid behind your IBM Spectrum Protect (TSM) server and point your backups to the ExaGrid appliance via a NAS (CIFS or NFS) share, and you are ready to begin executing backups. Once installed, backup management is made simple with ExaGrid's intuitive management interface and reporting capabilities.

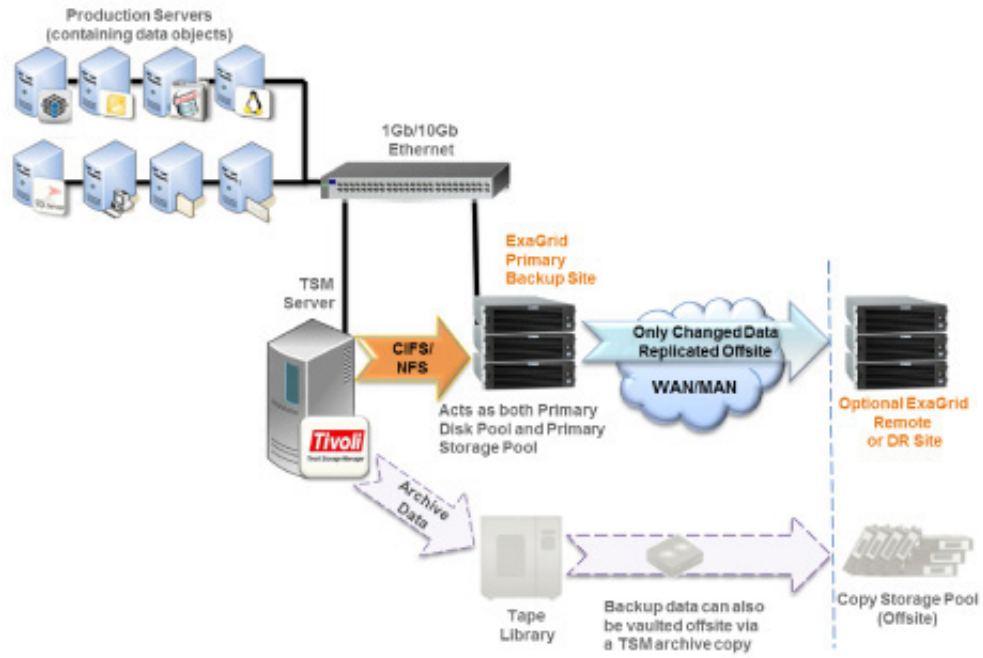
ExaGrid in an IBM Spectrum Protect (TSM) Environment

When you install an ExaGrid in an IBM Spectrum Protect (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 backups, as the ExaGrid system itself 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 periodic tape backups are still needed, however, tape backups to the copy storage pool can be performed via a IBM Spectrum Protect (TSM) archive copy, which directs the IBM Spectrum Protect (TSM) server to perform a backup directly to a copy storage pool.

About IBM Spectrum Protect (TSM) Backup and Recovery

IBM Spectrum Protect (TSM)'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. IBM Spectrum Protect (TSM) suite of storage products supports more than a dozen OS platforms, a variety of network connectors and more than 500 storage devices.



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