



ExaGrid Tiered Backup Storage

Fastest Backups.

Fastest Recoveries.

Unparalleled,
Cost-effective
Scale-out.

ExaGrid Tiered Backup Storage and IBM iSeries and LaserVault Backup (LVB)

Simple, Quick, and Cost-Effective Backup Storage

IBM iSeries (AS400 and System i) users can quickly and efficiently back up their data on the most cost-effective and scalable disk-based backup system available on the market, using LaserVault Backup (LVB). By backing up to an ExaGrid Tiered Backup Storage appliance via this purpose-built backup application from LaserVault, IBM iSeries customers can gain improved backup performance, fast and reliable data restores, and rapid recovery from system or site disasters.

Fast, Simple Disk-based Backups

With the combination of IBM iSeries, LaserVault Backup, and ExaGrid Tiered Backup Storage, you can achieve faster backups and store data in much smaller footprints. The LaserVault Backup application quickly creates a virtual backup file that is then written directly to a NAS interface on the ExaGrid appliance. This simple integration avoids complex configuration and management often required in products that use virtual tape library (VTL) interfaces.

Easy to Install, Use, and Manage

ExaGrid Tiered Backup Storage appliances fit easily into a LaserVault Backup environment. LaserVault Backup is a tapeless disk to disk backup system for iSeries. It consists of a software library that is installed on the iSeries that implements a group of familiar commands for managing backups. Customers are able to configure jobs and run backups within 30 minutes of beginning the installation. Once installed, you continue to manage your backups from the LaserVault Backup interface, monitoring ExaGrid only for deduplication ratios, replication, and capacity utilization periodically. This monitoring can be done from the simple, intuitive ExaGrid interface, or the dashboard that is automatically emailed to administrators on a daily basis.

Fast Backup and Restore Performance

Moving from tape to a disk-based backup appliance from ExaGrid can reduce backup times from 30% to 90%. In addition, the ExaGrid appliance keeps the most recent backup intact in non-deduplicated form, ready to be rapidly restored when needed.

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

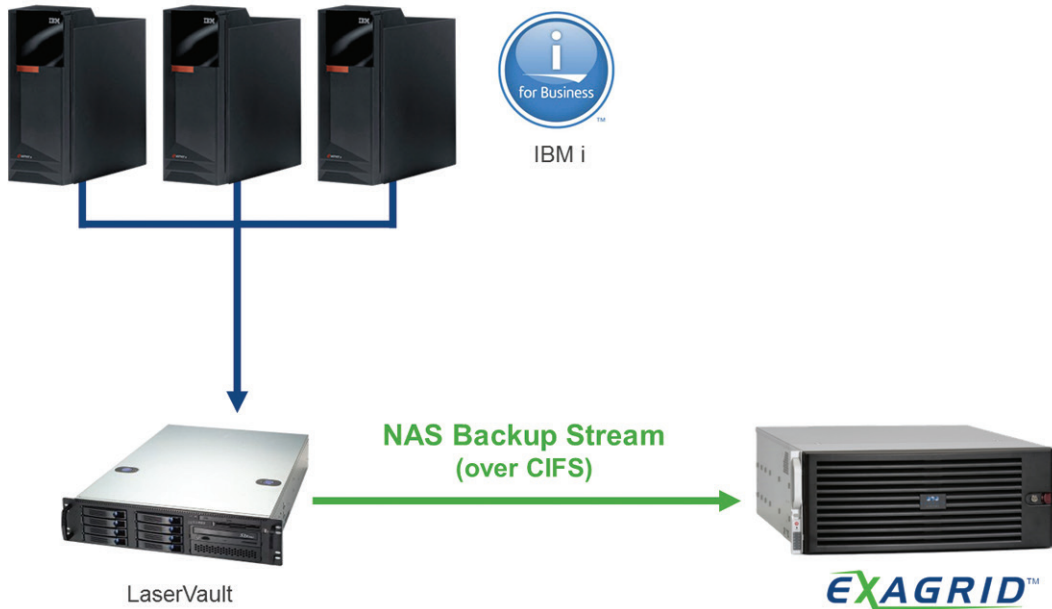
With ExaGrid's scale-out architecture, each appliance in the system brings with it not only additional disk, but also additional memory, bandwidth, and processing power – all the elements needed to maintain high backup performance. This keeps the backup window short as data grows, since growth is accommodated 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 iSeries to an ExaGrid appliance via LaserVault Backup, 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 Tiered Backup Storage not only saves capacity for storing backups, but also

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 with IBM iSeries and LaserVault Backup



To back up data from an IBM iSeries, simply use LaserVault Backup with an IP network connection to the ExaGrid appliance and configure the LaserVault backup jobs to use a CIFS mount. The result is that backups from the iSeries are written to a virtual file on the ExaGrid which can then be deduplicated and replicated. The backup files are available at any time for rapid restore. This eliminates the need for a tape drive/library, complex VTLs, and expensive licensing found in many other products.