

ExaGrid and the Symantec OpenStorage API for Backup Exec™

ExaGrid: The Fastest, Most Scalable Disk Backup with Deduplication

- Storage efficiency from 10:1 to 50:1 via byte level data deduplication
- Quick installation with a turnkey plug-and-play appliance
- No change to your existing backup application via NAS interface
- Fastest restore and tape copy by storing a full recent backup copy
- No performance degradation as data grows via GRID scalability
- No fork lift upgrades as data grows via GRID modularity
- Fast disaster recovery via WAN-efficient replication and rapid restore
- Deduplication and replication status via job-level reporting
- Lowest price and IT operational costs through unique architecture

ExaGrid's integration with Backup Exec using Symantec's OpenStorage API simplifies and speeds up backup and recovery

Symantec Backup Exec customers can take advantage of ExaGrid's support of the Symantec OpenStorage API. This integration offers customers a faster, more powerful, and more easily managed solution.

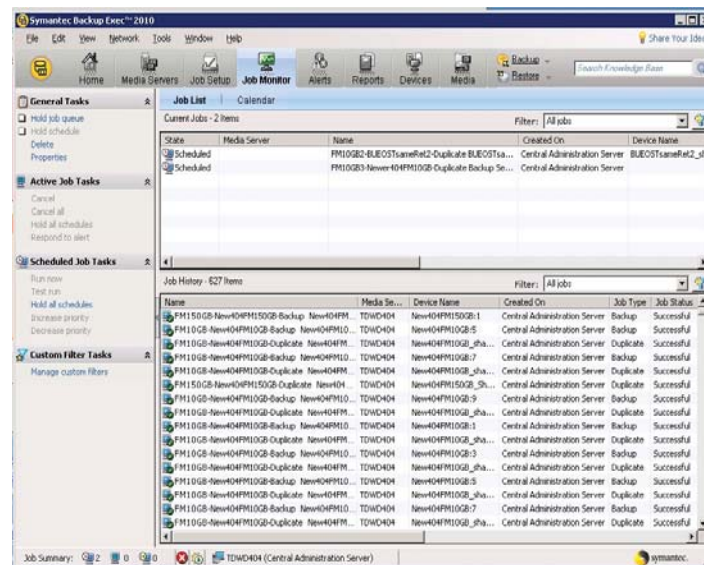
ExaGrid's support of the Symantec OpenStorage API provides seamless integration between Backup Exec and the ExaGrid disk-based backup system, including:

- Unified control and access of backup data stored on both local and remote ExaGrid systems, via the ability to track replication of backup data to an off-site ExaGrid system from within Backup Exec
- ExaGrid integration with Backup Exec backup policies, allowing Backup Exec to manage the duplication of backup copies between local and remote ExaGrid systems, and to tape Improved ability to monitor replicated backup status from within Backup Exec via integrated Backup Exec reporting
- Simplified disaster recovery via the ability to recover replicated backup data from an off-site ExaGrid system from within the Backup Exec console
- Shorter backup windows via OpenStorage data transfer optimization (optimized duplication), along with ExaGrid link balancing
- Direct backups from Windows servers to an ExaGrid system, bypassing the media server

Unified Control and Access of Backup Data

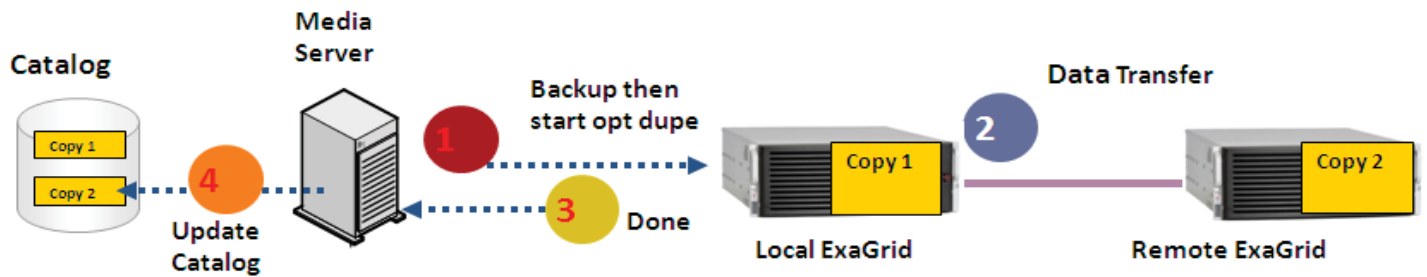
ExaGrid's support of Backup Exec OpenStorage devices allows both onsite and offsite backup data, stored on ExaGrid, to be managed from within the Backup Exec console. This makes it easier for users to monitor the status of their onsite and offsite backups, through Backup Exec reporting, and also facilitates disaster recovery as backup data from the off-site ExaGrid system can be recovered directly from within the Backup Exec console.

In the figure below, both Backup (local) and Duplicate (remote) jobs can be scheduled and monitored from the Backup Exec console. Backup job activity can also be viewed within Backup Exec's powerful standard and custom reports.



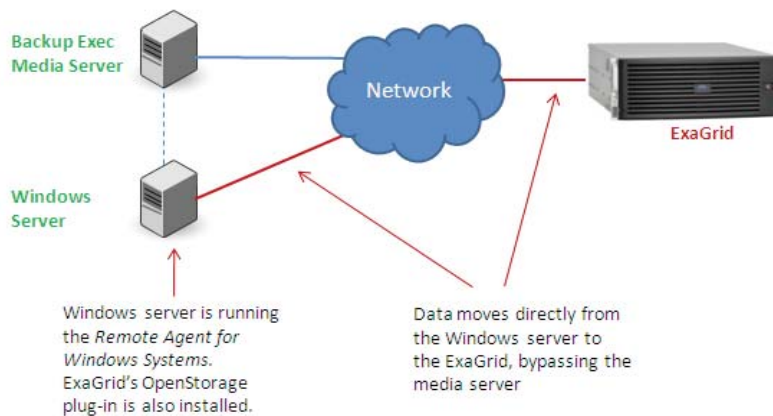
ExaGrid® Cost-Effective Disk-based Backup™

Optimized Duplication with ExaGrid and Backup Exec



ExaGrid's support for OpenStorage optimized duplication can be seen above. In this ExaGrid two-site configuration, the backup is sent by the media server to the local ExaGrid appliance, and is replicated to the remote ExaGrid. Upon completion, the Backup Exec catalog is updated with both the local and remote copies of the data, for easy recovery. By allowing the catalog to be updated with local and remote copies, restores from the remote appliance become much easier. Optimized duplication also allows for different local and remote retention policies, as well as automated tape copy from the remote site.

Direct Backups from Windows Servers to an ExaGrid System



ExaGrid's support of OpenStorage also allows a Windows server to send data directly to the ExaGrid system, bypassing the media server. This can be done with a Windows Server that is running the Remote Agent for Windows Systems and also has ExaGrid's OpenStorage plug-in installed. While backups are still managed by the Backup Exec media server, backup data can flow directly to the ExaGrid (without going through the media server), freeing the media server up for other tasks and allowing for higher speed backups.

About ExaGrid

ExaGrid is the leader in cost-effective disk-based backup solutions. A scalable system that works with existing backup applications, ExaGrid 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 byte-level data deduplication technology for all previous backups. Customers can deploy ExaGrid at a primary site and at a second site to supplement or eliminate offsite tapes with a live data repository or for disaster recovery.

About Symantec

Symantec is a global leader in providing security, storage and systems management solutions to help businesses and consumers secure and manager their information. Headquartered in Cupertino, Calif., Symantec has operations in more than 40 countries. More information is available at www.symantec.com.