

ExaGrid and Veeam Backup & Replication



Storage Magazine Products of the Year Award: Gold Medal Winners

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

"Veeam seems to constantly be leading the pack when it comes to innovation in the backup space."



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."

Simple, Quick and Cost-Effective Disk-Based Backup

The partnership between ExaGrid Systems and Veeam Software provides a cost-effective disk-based backup solution that maximizes data reduction and scales to meet the needs of demanding enterprise environments.

Faster Backups, More Efficient Data Storage, and Better DR Protection

The combination of ExaGrid's and Veeam's industry-leading VMware data protection solutions allows customers to utilize Veeam Backup & Replication in VMware virtual environments on ExaGrid's disk-based backup system. This combination provides fast backups and efficient data storage as well as replication to an offsite location for disaster recovery.

The ExaGrid system fully leverages Veeam Backup & Replication's built-in backup to disk capabilities and ExaGrid's zone-level data deduplication for additional data reduction (and cost reduction) over standard disk solutions. Customers can use Veeam Backup & Replication's built-in source-side deduplication in concert with ExaGrid's disk-based backup system with zone-level deduplication to further shrink backups.

In addition, customers can perform replication of backups to offsite storage for disaster recovery purposes without sacrificing performance of critical backup and recovery features. By combining the power and performance of Veeam-based VMware virtual machine backups and the ExaGrid appliance, customers can achieve backup and disaster recovery goals quickly and easily.

Veeam Instant VM Recovery from an ExaGrid Backup Appliance

ExaGrid and Veeam also offer the ability to instantly recover a VMware virtual machine by running it directly from the ExaGrid appliance in the event of a primary storage outage or other issue that causes the primary storage VM to become unavailable. This is possible because of the presence of ExaGrid's "landing zone" – a high-speed cache on the ExaGrid appliance that retains the most recent backups in complete form.

Using Veeam's Instant VM Recovery, ExaGrid and Veeam customers can run the VMware virtual machine directly from the backup on the ExaGrid appliance. Once the primary storage environment has been brought back to a working state, the VM running on the ExaGrid appliance can then be restored to primary storage for continued operation.

Scalability That Meets Your Business Needs

ExaGrid's unique approach to disk-based backup delivers unparalleled performance and scalability without requiring costly forklift upgrades as data grows. As your data grows, ExaGrid's scalable architecture enables you to simply plug in additional ExaGrid systems to create a larger virtual pool of storage rather than a series of isolated boxes. Performance scales with data growth since processing power, memory, and bandwidth are added along with storage capacity, and data loads are automatically balanced across all servers.

Veeam Backup & Replication automatically recognizes this additional storage as well. Together, ExaGrid and Veeam enable your on- and off-site backups to grow with your needs without a lot of additional expense and ongoing configuration and management.



Getting Started

Veeam Backup & Replication users might be surprised by how quickly they can have their first backup running on the ExaGrid system. Many ExaGrid customers take only a few seconds to configure and are fully operational within 30 minutes.

It's a simple three-step process to point Veeam Backup & Replication backups to ExaGrid's "plug-and-play" disk-based backup system:

Step 1: Turn It On

ExaGrid is an appliance. No loading software, no complicated assembly. Simply unpack it, rack it, and turn it on.

Step 2: Point and Click to Create a Share

Create share(s) on the ExaGrid system for Veeam Backup & Replication using ExaGrid's simple web interface. No installation or lengthy configuration process is required.

Create a New Share

Share Type: Share Name:

CIFS/SMB (Windows)
 NFS (Unix/Linux)
 OST (Symantec OpenStorage)

Replicate data for this share to
 Create an InstantDR Share on:

Share Access Whitelist
Enter the host name or IP address of a server, or the subnet range, that is to have access to this share.

IP Address/Mask: ... /

DNS Host Name:

At least 1 Required	
<input type="button" value="+ Add"/>	
<input type="button" value="X Remove"/>	

Step 3: Create or Redirect Backup Jobs

Using Veeam Backup & Replication, you can easily define the mount path to the ExaGrid appliance.

That's it for most installations.

New Backup Job

Backup Destination
Specify where to store the backup files produced by this job, and additional job settings. You can only choose backup destination between computers added to the console.

Destination:

Path to folder:

File name:

Restore points to keep on disk:

To view or edit additional backup job settings, click Advanced.

About Veeam Backup & Replication

Veeam Backup & Replication is an industry-leading backup and restore solution for virtualized environments. Veeam customers can instantly recover an entire virtual machine (VM), individual application objects, and individual files from the same image-level backup. Veeam Backup & Replication includes the following advanced features:

Instant VM Recovery: Run a VM directly from a backup file. This eliminates the need to extract the backup and copy it to production storage—you simply start the VM from the backup. So if a VM goes down, you can restart it on any host in a matter of minutes.

Instant File-Level Recovery: Quickly recover an entire VM or an individual file from the same image-level backup. Veeam instant file-level recovery enables you to restore individual files from your backups and replicas in seconds.

U-AIR (Universal Application-Item Recovery): Enables quick recovery of individual objects from any virtualized application, on any OS. It's a brand-new solution to the age-old problem of what to do when users accidentally delete important emails or scripts incorrectly update records.

SureBackup Recovery Verification: Enables you to verify the recoverability of your backups—not just a few selected backups, but EVERY backup, of EVERY virtual machine, EVERY time. You no longer have to settle for backups that "might work" or "should work"—instead, you can rest easy knowing that your backups actually do work.