

# ExaGrid and Veeam Backup & Replication



DCIG 2011 Midrange Deduplication Appliance Buyer's Guide

"#1 Best in Class" - ExaGrid rated as "Excellent" for target-based deduplication hardware across all products.



ExaGrid Named Disk Backup Champion

ExaGrid receives highest rating for exceptional product architecture, exemplary company strategy and strong viability, reach, and channel.



Best Deployment Scenario Winner - Data Recovery

ExaGrid's disk-based backup solution saves Stratetic Hotels & Resorts over \$150,000 annually, provides three-month ROI.



ExaGrid Recognized as "Top Emerging Vendor" in Customer Interest

## 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 virtual server data protection solutions allows customers to utilize Veeam Backup & Replication in VMware, vSphere, and Microsoft Hyper-V 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, vSphere, and Microsoft Hyper-V 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.



# ExaGrid® Cost-Effective Disk-Based Backup™

## 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.

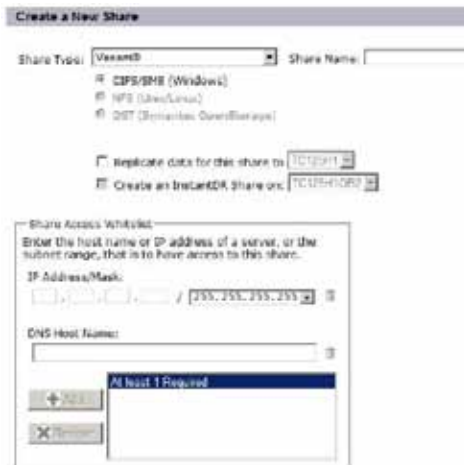
It's a simple three-step process to point Veeam Backup & Replication backups to ExaGrid's "plug-and-play" disk-based backup system:

### 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.



### 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.

## Built for Virtualization: Veeam Backup & Replication

Veeam Backup & Replication provides fast, flexible and reliable recovery of virtualized applications and data for both VMware vSphere and Microsoft Hyper-V. Unifying backup and replication in a single solution and leveraging virtualization to its fullest, Veeam Backup & Replication enhances data protection and disaster recovery for more than 25,000 customers and protects more than 2,000,000 virtual machines (VMs) across the globe. Veeam provides the most comprehensive protection for your virtual environment. By offering backup and replication in a single solution, you can have the flexibility to meet different recovery objectives for VMs. Benefits of this virtualization specific solution include:

**Multi-Hypervisor Support:** Protect all VMware vSphere and Microsoft Hyper-V VMs with a single product, from a single console, minimizing cost and complexity.

**Synthetic Full Backups:** Takes previous full and incremental backups to make a new full backup recovery point without duress on primary storage.

**Built-in Deduplication and Compression:** Cuts backup storage requirements up to 75% by compressing backup and network traffic and eliminating duplicate blocks of data.

**Instant VM Recovery:** Run a VMware virtual machine 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.

**U-AIR (Universal Application-Item Recovery):** Enables quick recovery of individual objects from any virtualized application, on any OS for vSphere VMs. 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 vSphere 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.

**Universal 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.

Register for a free 60-day trial of Veeam Backup & Replication courtesy of ExaGrid at [www.veeam.com/exagrid\\_and\\_veeam](http://www.veeam.com/exagrid_and_veeam).

ExaGrid Systems, Inc. | 2000 West Park Drive | Westborough, MA 01581 | 800.868.6985 | [www.exagrid.com](http://www.exagrid.com)

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