

ExaGrid Disk-Based Backup and Zerto Offsite Backup

DATA SHEET

Gartner

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



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



ExaGrid Voted SVC's "Product of the Year, Hyper-converged Backup and Recovery/Archive - 2017"



Storage Magazine Names ExaGrid "Product of the Year, Backup & DR Hardware Finalist - 2017"



ExaGrid Wins Storage Awards' "Product of the Year, Storage Efficiency & Optimisation - 2017"

Simple and Cost-Effective Offsite Storage for Retention of Business Continuity VMs

The partnership between ExaGrid and Zerto provides a cost-effective offsite disk-based backup solution that employs data deduplication to store long-term retention of offsite Business Continuity Tier One virtual machines (VMs) cost effectively in a small storage footprint.

Low Cost Long-Term Retention of Business Continuity Tier One VMs

Combining Zerto's Offsite Backup and ExaGrid's disk-based backup with data deduplication leverages the strengths of each solution for advanced protection of Tier One VMs. Zerto's Offsite Backup packages can be protected by an ExaGrid system for cost-effective storage and long-term retention of business continuity/disaster recovery (BC/DR) VMs with easy setup and management.

With ExaGrid's unique architecture, the most recent Zerto Offsite Backup of Tier One VMs in a Virtual Protection Group (VPG) is first stored in a landing zone in its native format for fast Zerto VM restores and boots. Long-term retention copies of these Offsite Backups of Tier One VMs are stored in the ExaGrid repository as deduplicated data, resulting in a reduced storage footprint that allows you to satisfy extended retention policies at a greatly reduced storage cost. The combination of Zerto's Offsite Backup and the ExaGrid landing zone plus repository offers the best of all worlds.

- Low cost long-term historical retention of Tier One VMs
- Fast restores and VM boots for disaster recovery
- Easy to set up and manage via a seamless connection between Zerto's Offsite Backup and an ExaGrid disk-based backup system

Zerto provides enterprise-class BC/DR of Tier One VMs from the primary site to an offsite DR site. Then, Zerto's Offsite Backup allows for the offsite Tier One VMs to be backed up to maintain historical versions, including VM data volumes and all configuration information along with the workload metadata such as boot order and networking configuration. ExaGrid, coupled with Zerto's Offsite Backup, brings the power of its unique landing zone, which maintains the most recent offsite backup in its full form for fast restores, along with its repository with data deduplication to cost effectively store multiple copies of the Zerto Offsite Backups. ExaGrid deduplication ratios are 10:1 to as much as 50:1 and typically average around 20:1 depending on data types, length of retention, and other factors.

ExaGrid Scalability and Flexibility

ExaGrid's unique scale-out architecture allows for various sized appliance models to be mixed and matched with up to 32 appliances in a single system. Appliances can be added as data grows in a true "buy what you need as you need it" approach. Each appliance provides processor, memory, bandwidth, and disk so as data grows, all necessary resources required for data deduplication are added, which keeps backup windows fixed in length.

Zerto

EXAGRID

ExaGrid Disk-Based Backup and Zerto Offsite Backup

ExaGrid's unique compute with capacity model and scale-out architecture offer tremendous short- and long-term value:

- Buy what you need when you need it as your data grows.
- With ExaGrid's scale-out architecture, additional processor, memory, bandwidth, and disk are all added as data grows for a permanently fixed-length backup window.
- Mix and match any size and any age appliance, providing for long-term investment protection.

ExaGrid Onsite and Offsite Disk-Based Backup Storage

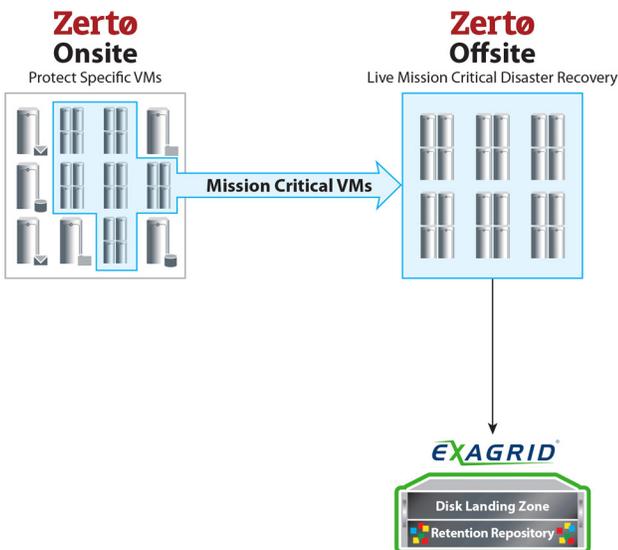
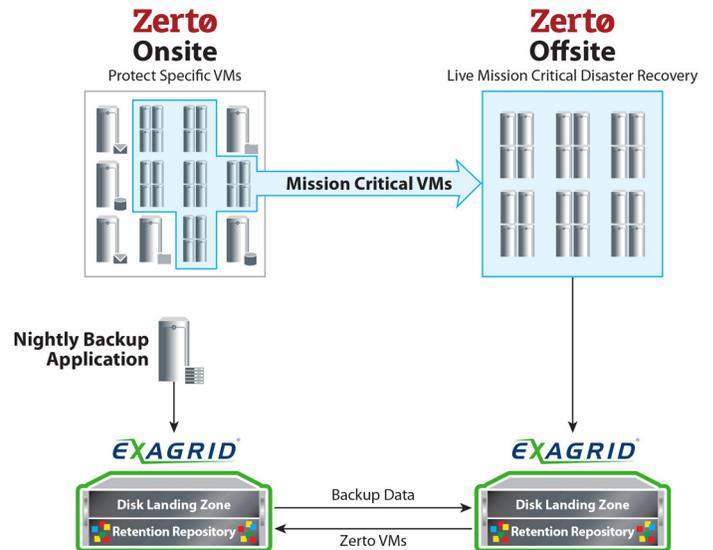
In addition to storing Zerto Offsite Backups, ExaGrid can sit behind the nightly backup application at the primary site and provide the landing zone, repository, and scale-out performance to all backups. ExaGrid can replicate the daily changed data to a second site for an offsite copy for "all data" offsite DR.

Zerto Offsite Backup to ExaGrid

- Offsite Tier One VMs are stored on the ExaGrid system for long-term retention.

Zerto Offsite Backup to ExaGrid with ExaGrid Onsite and Offsite Backup

- Offsite Tier One VMs are stored on the ExaGrid system for long-term retention.
- Optionally, offsite Tier One VMs are replicated back to the primary site ExaGrid system for a second backup copy.
- Nightly backup data is backed up at the primary site to the ExaGrid system and replicated offsite for DR.



Getting Started

Because Offsite Backups are easily added to an existing Zerto VPG, incorporating an ExaGrid appliance as a Zerto repository for longer-term retention of Tier One VM backups requires minimal setup.

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 "Universal" share(s) on the ExaGrid system using ExaGrid's simple web interface. No installation or lengthy configuration process is required.

Step 3: Create or Redirect Zerto Offsite Backups

Using Zerto's Virtual Manager User Interface, create a new backup repository that connects to the ExaGrid share and add Offsite Backup to the VPG(s) that require extended retention, including the scheduled times when the Offsite Backup is run.

United States: 2000 West Park Drive | Westborough, MA 01581 | (800) 868-6985

United Kingdom: 200 Brook Drive | Green Park, Reading, Berkshire RG2 6UB | +44 (0) 1189 497 051

Singapore: 1 Raffles Place, #20-61 | One Raffles Place Tower 2 | 048616 | +65 6808 5574

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www.exagrid.com