ExaGrid Tiered Backup Storage and
BridgeHead Healthcare Data Management (HDM)

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ExaGrid Tiered Backup Storage

Fastest Backups.

Fastest Recoveries.

Unparalleled, Cost-effective Scale-out.

ExaGrid and BridgeHead HDM: Simple, Quick, and Cost-Effective Backup and Recovery

Efficient backup requires close integration between the backup software and the backup storage. That is the advantage delivered by the partnership between BridgeHead and ExaGrid. Together, BridgeHead and ExaGrid provide a cost-effective backup solution that scales to meet the needs of demanding enterprise environments.

BridgeHead Healthcare Data Management (HDM) users may be surprised how quickly they can have their first backup running on the ExaGrid.Many ExaGrid customers take only a few seconds to configure and are fully operational within 30 minutes.

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 fixed in length 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.

Faster, More Reliable Backups and Restores

Moving to an ExaGrid Tiered Backup Storage appliance can significantly reduce backup times, helping customers stay within their backup window and avoiding the hassles and delays of competitive solutions. Restores are also much faster and easier, as ExaGrid's unique disk-cache Landing Zone keeps the most recent backup intact in non-deduplicated form, ready to be rapidly restored when needed.

Eliminate offsite tapes by having a copy of your backups offsite on disk using data deduplication and replication to efficiently transfer the data. Achieve faster and more reliable recoveries in the event of primary backup failure or other type of disaster with minimal bandwidth utilized because only the changes traverse the WAN.

Easy to Install, Use, and Manage

With the combination of BridgeHead and ExaGrid Tiered Backup Storage, you can eliminate the management hassles of tape and also avoid expensive, complex VTL-based solutions. The ExaGrid appliance fits easily into your backup environment behind your existing BridgeHead backup server. Simply plug in the ExaGrid system behind your backup server and point your BridgeHead backups to the ExaGrid appliance via a NAS (CIFS or NFS) share, and you are ready to begin executing backups. Once installed, backup management is made simple with ExaGrid's intuitive management interface and reporting capabilities.

Getting Started

It's a simple four-step process to point Bridgehead HDM backups to ExaGrid's "plug-and-play" 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 Bridgehead HDM backups using ExaGrid's simple web interface. No installation or lengthy configuration process is required.

Step 3: Configure Backup Jobs with BridgeHead

Configure your backups with BridgeHead HT Backup, with the desired backup job settings.

Step 4: Redirect Existing Backup Jobs

Via BridgeHead HT Backup, simply point the existing backup job(s) to the ExaGrid system's share that you created above.

That's it for most installations. You may also choose to organize additional backups since the ExaGrid system is easily customized to fit your backup and business processes.

Bridgehead HDM

BridgeHead's Healthcare Data Management (HDM) Solution helps hospitals overcome the challenges they face regarding data and storage management - particularly around the information explosion and the impact this data growth is having on healthcare IT departments in terms of their operations, efficiency, effectiveness and cost.

The HDM Solution is underpinned by the Healthcare Data Management Platform which is the common element to all BridgeHead solutions and contains the base functionality that is used in conjunction with the BridgeHead Agents to transform and transport data to its final destination. It can minimize storage capacities through technologies such as compression and deduplication, secure data using encryption, and has the ability to connect to any media whether disk, cloud, tape, optical or VTL, irrespective of vendor.

The HDM Platform provides the heartbeat of BridgeHead's STORE, PROTECT, SHARE vision and offers true optimization and security for a hospital's data.

Benefits to Your Business

- Underpins BridgeHead's Healthcare Data Management infrastructure
- Manages all healthcare data using archiving and backup data enablers, including MEDITECH ISB and IDR, Exchange, SQL, Oracle, SharePoint, VMs, etc.
- Provides centralized control of data and the connectivity to the BridgeHead Agents
- Is aware of all of the available target storage devices and media types
- Interfaces between the BridgeHead Data Agents and the target storage
- Controls robotic devices, e.g., tape libraries
- Full auditing and reporting
- Offers a scalable and flexible architecture
- Integrates with BridgeHead Data Agents