

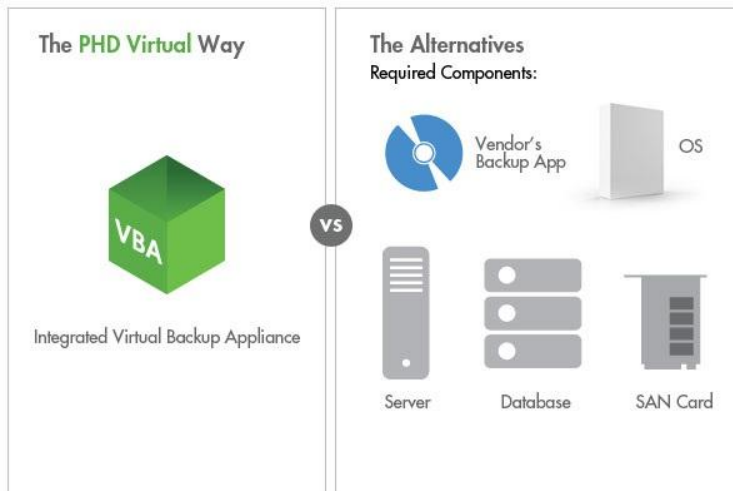


PHD Virtual Backup for VMware

Easy, Fast, Scalable, Affordable Backup and Recovery

PHD Virtual Backup transforms data protection for VMware environments providing the fastest, easiest, most scalable solution for backup and recovery of virtual machines and data.

It starts with PHD Virtual’s award winning VBA™ (Virtual Backup Appliance) Architecture that combines all of our unique technologies into a single completely integrated software based virtual appliance.



5 Minutes to Better Backup - Easier to Deploy, Use and Scale

Deploying PHD Virtual Backup is incredibly simple; in fact you can be up in running in 5 minutes or less. Unlike other solutions, you don’t need to deploy separate hardware, servers, operating systems and software. The PHD VBA™ is an all in one solution and it’s easy to use since you manage backups directly from vSphere client. As your environment grows, you can scale simply and seamlessly by quickly deploying additional VBA’s.

Backup 5X Faster and Optimize Backup Storage

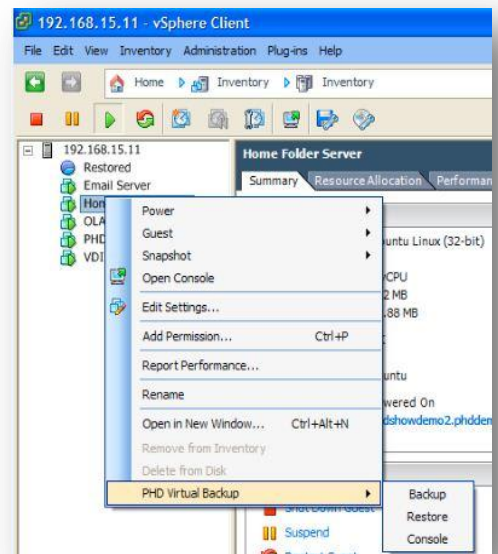
PHD Virtual Backup delivers the fastest backup processing times by combining innovative technologies with the latest hypervisor integration support for image based backup. Virtual Full Backups ensure that only unique data is written after the initial backup providing faster processing and removing the need to run subsequent full backups. Multi-Stream Processing backs up multiple VM’s and jobs simultaneously. Integrated sources side deduplication across all VM’s significantly reduces backup storage requirements by over 90% on average.

Faster, More Flexible Recovery – Dynamic Recovery Technology

When it comes time to restore virtual machines or recover data from your virtual environment you can be confident that you can do it faster and more reliably with PHD Virtual Backup. With PHD TrueRestore™ and Dynamic Recovery Technology you’ll get the fastest full restore of VM’s and virtual disks along with the ability to instantly recover files and application data (email, records, application objects) directly from backup storage.

BENEFITS

- Faster backup and recovery of virtual machines
- VADP integration with CBT and HotAdd for improved performance
- Completely integrated software based virtual appliance
- Deploy and scale in minutes
- No backup agents, backup servers or hardware required
- Instant recovery of files, data and objects from any application including email and database
- Backup data integrity checking and auto healing
- Integrated source side deduplication across all vm’s
- Reduce backup storage requirements over 90%
- Set it and forget it job scheduling
- Manage backup and recovery directly from vSphere client



PRODUCT OVERVIEW

Virtual Full Backups – After the initial backup only unique data is backed up. You never need to run a full backup again or maintain the chained dependencies of incrementals. Backups just get faster and faster.

Dynamic Recovery Technology – Quickly and easily recover any type of data directly from backup storage without additional software or virtual lab infrastructure.

- Fast Full Restore of VM's and Virtual Disks
- Instant File Level Recovery for Any OS and Any File System
- Instant Application Object Recovery for Any Application (email, database...)

TrueDedupe™ Technology – Integrated source-side deduplication across all virtual machines reduces backup storage over 90% on average

TrueRestore™ Technology – Backup data integrity is verified during both the backup and restore processes. Corrupted data is automatically healed if detected.

Direct to Storage Restore – LAN-free restore of virtual machines provides faster restore and minimizes impacts to the production network.

Multi-Stream Processing – Processes multiple vm's in backup and recovery jobs simultaneously providing the fastest backup and full vm restore.

Set it and Forget it Job Scheduling – Create jobs based on containers (representing hosts, clusters, folders...), new VM's are automatically backed up.

Integration with vStorage API's for Data Protection – Direct integration with VADP enables high performance image based backups with support for Change Block Tracking (CBT) and VMware HotAdd of virtual disks for better performance

Backup Retention and Archiving – Flexible trim options can automatically remove old backups based on customizable policies with ability to archive specific backups.

Scalable and Fault Tolerant Deployment – Distributed architecture minimizes single point of failure. Multiple VBA's can be configured to support backup across large and distributed environments.

Tape Friendly Backup Support – Backup Data Connector enables quick and easy integration with tape backup solutions.

Replication, Flexible DR and Enhanced Performance – Coming in Q4 2011

Faster backup and restore of virtual machines and new technologies that offer more flexibility for disaster recovery of your virtual environment.

- Virtual Machine Replication
- Optimized Processing Engine
- 8 Data Stream per VBA™
- Mass Restore Virtual Machines
- Open Export to OVF
- Enhanced Performance for Tape Backup

“PHD Virtual took virtualization concepts to heart when it created backup and recovery for virtualized IT environments. ... the company introduces operational and cost efficiency benefits to rival more established data protection vendors.”

*Lauren Whitehouse
Senior Analyst, ESG*

ADDITIONAL FEATURES

- Job Scheduling Wizards
- Support for Thin Provisioned Disks
- Application Consistent backup leveraging VSS
- Export VM from Backup Storage
- Configurable Compression
- E-mail Notification
- Storage Free Space Warnings
- Distributed Virtual Switch Support
- Dual-NIC support
- Backup vApp Containers

ADDITIONAL INFORMATION

Supported Environments

- VMware vSphere 4.x & 5.x
- ESX and ESXi 4.x & 5.x Hosts

Supported Virtual Machines

- All operating systems supported by VMware
- Any application
- Any file system

Licensing

- Simple, flexible, cost effective per host licensing

For more information contact a PHD Representative today!

Call: 1 (866) 710-1882 Email: sales@phdvirtual.com

