

NetVault: SmartDisk[®] SmartDisk[™]

FEATURE OVERVIEW

- *Simplified disk-based backup*
- *Byte level variable block software based deduplication*
- *12 to 1 deduplication ratio*
- *Hardware agnostic*
- *Post process deduplication*
- *Rapid deployment with existing infrastructure*
- *Seamless integration with NetVault: Backup*
- *Job-level deduplication*
- *Shared storage support*
- *Easily extendible*
- *Retention policy support*
- *Heterogeneous platform support*

Open Data Protection Platform

Today's environment calls for versatile, economic, long term disk-based data protection that extends user investment and can function no matter who or where the data is coming from. BakBone's open data protection platform is designed to deliver just those qualities. Ultimately, customers will benefit from the ability to consolidate data protection solutions, storing and deduplicating data from many sources, including other vendors.

NetVault: SmartDisk - Leading The Way to Open Data Protection

NetVault: SmartDisk takes disk-based backup and data deduplication to new levels of cost savings with a state of the art capability to squeeze more data on disk while driving expenses down further by not requiring specific types of storage drives or appliances. With NetVault: SmartDisk and its tight integration with NetVault: Backup, organisations of all sizes can perform deduplicated backups without requiring a high level of storage expertise which distracts administrators from strategic initiatives. As your disk-based and deduplication needs grow, NetVault: SmartDisk easily scales by enabling you to simply add more capacity without having to discard existing deployments thereby protecting your existing investment.

NetVault: SmartDisk At a Glance

NetVault: SmartDisk's disk-based backup and data deduplication option reduces storage costs with its powerful byte-level variable block-based software deduplication. This feature packs up to 12 times more protected data into the same storage area, that's a 92% reduction in storage footprint. Hardware costs are reduced by using existing storage infrastructure instead of requiring specific drives or appliances. Seamless integration with NetVault: Backup speeds deployment while simplified ease of use reduces the level of storage expertise required to perform deduplicated disk-based backups.

NetVault: SmartDisk's post process deduplication option can be scheduled outside the backup window to shrink backup windows with no additional impact on protected server resources. Integration with NetVault: Backup's job-level deduplication and encryption enables users to separate deduplicated from non-deduplicated data. Primary copies may be deduplicated for cost savings, while secondary copies may be encrypted for compliance.

NetVault: SmartDisk gives administrators more choices - including:

1. Deploying multiple NetVault: SmartDisk Instances to improve load balancing and performance,
2. Copy/move data from one NetVault: SmartDisk Instance to another Instance, VTL or tape-based devices to place redundant backups in offsite locations for failover and disaster recovery purposes.

KEY BENEFITS

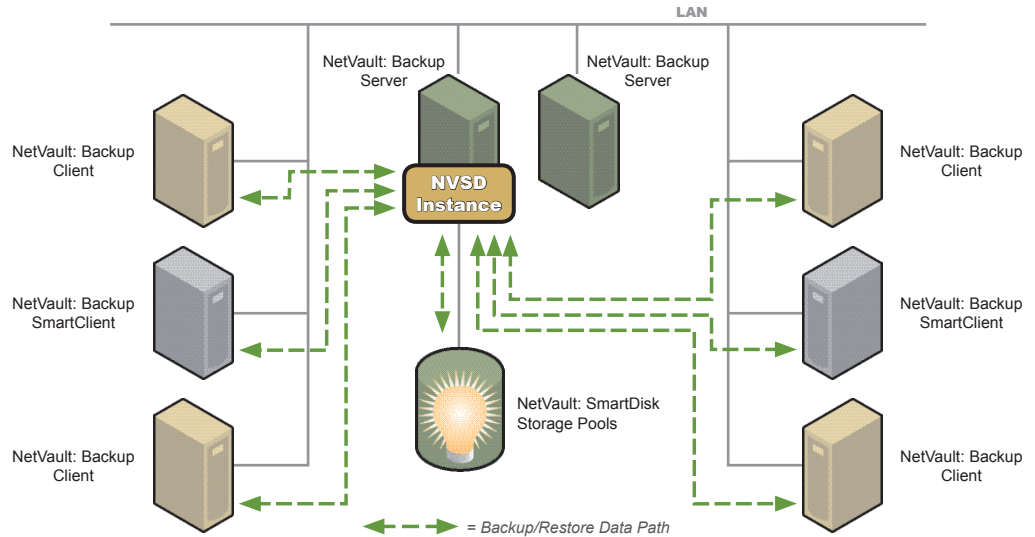
Reduces Storage Costs

NetVault: SmartDisk reduces storage costs

- Ability to analyse smaller amounts of data avoids the problem of fixed blocks masking changes and storing duplicate data as unique
- Byte-level, variable-block, software-based deduplication option packs up to 12 times more protected data into the same storage area
- Hardware agnostic and works on most file systems - no need to acquire specific drives or appliances
- Ability to easily add additional file system paths to SmartDisk storage pools reduces costs by deferring storage expenditures into new budget periods and ensures that storage does not sit unused
- Data stored in NetVault: SmartDisk can have individual retention policies giving administrators the flexibility to store the most recent copies on disk while enabling older data to be moved offsite or to less expensive storage
- Sets foundation for Life Cycle Management to further reduce costs with tiered storage deployments
- Seamless integration with NetVault: Backup speeds deployment
- Simplified ease of use reduces the level of storage expertise required to perform deduplicated disk-based backups

NetVault: SmartDisk

NetVault: SmartDisk's ability to share disk-based backup storage across heterogeneous platforms eases administrator workloads by providing a single data protection solution.



SYSTEM REQUIREMENTS

Supported Platforms

- Windows
- Linux
- Solaris
- Mac OS X

Review detailed system requirements at: www.bakbone.com/compatibility

Shrinks Backup Windows

NetVault: SmartDisk's post process deduplication option can be scheduled outside the backup window to shrink backup windows with no additional impact on protected server resources. NetVault: SmartDisk's integration with NetVault: Backup's job-level deduplication enables users to separate deduplicated from non-deduplicated data to ensure the best ratios and performance. When combined with NetVault: Backup's job-level encryption, the primary copy can be deduplicated while encryption can be performed only on the secondary copy that is stored offsite. Secondary copies can also be performed outside the backup window while still maintaining strict security standards.

More Choice

Administrators are able to deploy multiple NetVault: SmartDisk Instances to distribute network, disk and deduplication resources to improve load balancing and performance. Shared storage support provides the ability to share disk-based backup storage across heterogeneous platforms to provide a single data protection solution. Data movement support improves business continuity by letting users copy/move data from one NetVault: SmartDisk Instance to another Instance, VTL, or tape based devices in order to place redundant backups in offsite locations for failover and disaster recovery purposes.

BakBone's Universal Data Management Strategy

Universal Data Management allows a company to directly control and apply policies to data, regardless of which applications create, utilise or interface with that data. Customers can apply policies and control data in both

structured repositories or as data dynamically moves across the network.

• Integrated Data Protection -

The availability, retention, and security of data. BakBone's combined suite of data protection solutions allow customers to flexibly protect and make their most critical server and application data available, regardless of whether the data resides in physical, virtual or cloud environments.

• Centralised Policy Management -

Provides a data-centric approach to creating, applying and maintaining policies across the enterprise. BakBone's Policy Management solutions will allow enterprises to apply and manage their policies on data, rather than on multiple disparate applications.

• Message Management -

Providing the ultimate in visibility, control and performance for messaging in the enterprise, BakBone's Message Management solutions will allow companies to leverage Integrated Data Protection and Centralised Policy Management using a flexible and sophisticated routing platform for data in motion.

About BakBone

BakBone Software is the leader in Universal Data Management. This provides a data-centric approach to integrating data protection, centralising policy management and managing organisations' messaging infrastructure to optimise performance, increase data availability and improve corporate compliance. Learn more about BakBone's Universal Data Management vision at www.bakbone.com or email sales_europe@bakbone.com.

©1999-2009 BakBone®, BakBone Software®, NetVault®, Application Plugin Module™, BakBone logo®, Integrated Data Protection™, NetVault: SmartDisk™, Asempra®, FASTRecover™, ColdSpark® and SparkEngine™ are all trademarks or registered trademarks of BakBone Software, Inc., in the United States and/or in other countries. All other brands, products or service names are or may be trademarks, registered trademarks or service marks of, and used to identify, products or services of their respective owners.

www.bakbone.com

 **BakBone**
The Power of Simplicity™

BakBone Global Headquarters
9540 Towne Centre Drive, Suite 100
San Diego, CA 92121
Toll Free Phone: 877-939-2663
Phone: 858-450-9009
Fax: 858-450-9929
Email: sales@bakbone.com

Asia Pacific Headquarters
Shinjuku Dai-ichi-Seimei Building
11th Floor
2-7-1 Nishi Shinjuku, Shinjuku-ku
Tokyo, Japan 163-0711
Phone: 81-3-5908-3511
Fax: 81-3-5908-3512
Email: sales@bakbone.co.jp

Europe Headquarters
100 Longwater Avenue
Green Park
Reading
RG2 6GP
United Kingdom
Phone: 44 (0)1189-224-800
Fax: 44 (0)1189-224-899
Email: sales_europe@bakbone.com

88372_10-06-09 UK