

NetVault: Bare Metal Recovery

FAST FACTS

NetVault: Bare Metal Recovery

- *Online full partition backups*
- *Offline block-level backups*
- *Windows VSS-based backups*
- *Protects boot and system images on Linux platforms*
- *Recovers machines with no functional operating system*
- *Boot from provided minimal OS or LiveCD to initiate recovery*
- *Job scheduling*
- *Complements and completes data protection strategy*

NetVault: Backup

- *User level access control*
- *Centralized management*
- *Heterogeneous platform support*
- *Easy to install APMs*
- *Extensive media verification*
- *Backup to disk with VTL/SVTL*
- *Event notification*
- *Pre and post processing scripts*
- *LAN-free backup support*
- *Supports DAS/SAN/NAS devices*

Regardless of the size of an organization or the nature of the business, the ability to consistently backup and recover data remains at the heart of data protection strategy. One important consideration of any data protection strategy is bare metal recovery or the ability to quickly rebuild a failed disk drive or a server hosting Exchange, SQL Server or other applications that enable an organization to generate revenue and provide customer service. Traditional application data protection solutions protect vital data, but do not protect operating systems, network and system settings, application binaries and disk partitions and data. Fast bare metal recovery significantly reduces the time required to rebuild a server and restore services for your users.

NetVault: Bare Metal Recovery at a Glance

NetVault: Bare Metal Recovery significantly reduces the time required to recover a failed disk drive and restore operations. Online full partition backups and offline block-level backups can be scheduled as an extension to your existing backup routine. In the event of a server crash, the provided minimal OS or LiveCD may be used to recover a system that has no functioning operating system. Once in a state to be restored, the NetVault: Backup GUI is used to restore the most recent system image. NetVault: Bare Metal Recovery improves your ability to meet aggressive RTOs and SLAs by eliminating much of the manual intervention and guesswork commonly associated with the task of rebuilding a disk. By automating system recovery – including recovery of operating systems, network settings, system settings, applications, disk partitions and data - NetVault: Bare Metal Recovery ensures that the disk rebuild will be done correctly the first time.

KEY BENEFITS

Speeds bare metal recovery to minimize downtime

A typical bare metal recovery can easily consume an entire day. Using NetVault: Bare Metal Recovery, the task of rebuilding a disk can be reduced to a matter of hours - minimizing downtime and improving user productivity. NetVault: Bare Metal Recovery provides protection for operating systems, network settings, systems settings, application binaries, disk partitions and data. Providing protection down to the partition level, NetVault: Bare Metal Recovery allows you to choose between online backups, allowing a protected system to remain online and available to your users and offline block-

level backups. Using the VaultOS minimal operating system which is provided or LiveCD, NetVault: Bare Metal Recovery enables you to recover a system that has no functional operating system. NetVault: Bare Metal Recovery substantially reduces the time consuming manual steps typically required to rebuild the disk and restore operations and enables you to meet aggressive RTOs.

Reduces risk by reducing manual intervention

One problem inherent to bare metal recoveries is the amount of information required to ensure success on the first attempt. A typical manual bare metal recovery may include sixteen or more steps – each requiring input of values that must be correct in order to minimize the impact on users. By providing protection down to the partition level during regularly scheduled online or offline backups, NetVault: Bare Metal Recovery manages these steps for you, eliminates guesswork and keeps you current with changes and modified server configurations.

Ensures business continuity

NetVault: Bare Metal Recovery provides an added level of protection in the fight to ensure business continuity. NetVault: Bare Metal Recovery utilizes NetVault: Backup which provides automatic integration with a wide range of backup devices. Not only can you be assured that your critical system settings are being captured on a regular basis, but you can also take comfort in the fact that your bare metal recovery images are being stored off-site. When combined with NetVault: Real-Time Data Protector and NetVault: Backup Application Plugin Modules (APMs), NetVault: Bare Metal Recovery ensures a complete and comprehensive data protection strategy.

SYSTEM REQUIREMENTS

NetVault: Bare Metal Recovery Client Platforms

- Windows
- Linux

NetVault: Bare Metal Recovery Offline Only Client Platforms

- x86/x86-64

Specifications and system requirements subject to change without notice.

DOWNLOAD A FREE EVALUATION COPY

of NetVault: Bare Metal Recovery at www.bakbone.com/downloads

Quickly and easily rebuild a failed disk drive with NetVault® Bare Metal Recovery

NetVault: Bare Metal Recovery

1. Repair the hardware
2. Redefine RAID devices
3. Boot VaultOS via any removable media
4. Open NetVault: Backup user interface
5. Restore machine data

NetVault: Bare Metal Recovery simplifies and expedites the painful process of bare metal recovery.

Do you really remember all of these settings?

Can you really afford not to ensure the recovery is done properly the first time?

Typical bare metal recovery process

1. Repair or replace the hardware
2. Reinstall the OS
3. Repartition the drives
4. Recreate the file systems
5. Repatch the kernel
6. Redefine RAID devices
7. Recreate the volumes
8. Reconfigure the network
9. Redefine the printers
10. Recreate user accounts
11. Redefine network shares
12. Reconfigure web, ftp & email
13. Reconfigure Xwindows
14. Reinstall database software
15. Reinstall backup software
16. Restore user data

Integrated Data Protection

BakBone's Integrated Data Protection™ (IDP™) strategy provides a comprehensive suite of integrated, heterogeneous cross-platform data protection technologies that are seamlessly managed from a single console. IDP enables administrators to easily and cost-effectively achieve high data availability, set schedules, manage policies, as well as control and report on their storage environment. BakBone's IDP framework consists of two key layers: the Core Services Managers™ and the individual data availability and protection technologies. BakBone's technology portfolio today consists of NetVault: Backup, a comprehensive backup and recovery solution, NetVault: Report Manager, advanced storage reporting and NetVault: Replicator, a replication solution for high availability.

About BakBone

BakBone is committed to making data protection a simple, straightforward process while delivering its Integrated Data Protection (IDP) strategy through an award-winning product suite. Thousands of users worldwide leverage BakBone's IDP approach to simplify the management of multi-platform environments with a portfolio of backup, disaster recovery, replication and storage reporting solutions for Linux, Windows, Unix and Mac OS X environments. BakBone's products offer a single point of control for managing resources across all platforms, providing improved operational efficiency, reduced system downtime, improved availability and enhanced security to support the business growth of enterprise environments. BakBone is headquartered in San Diego, Calif. For more information about BakBone, visit www.bakbone.com or email info@bakbone.com.

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