

# SVDDL™ Shared Virtual Disk Library Plugin

*Application Plugin Modules (APM) work with NetVault, BakBone's backup and restore software to ensure continuous availability of today's business-critical applications. NetVault's modular architecture sets new standards in application backup support with simple point and click installation of all APMs. NetVault also offers Plugin Modules for disaster recovery, open file management and NDMP.*

## FAST FACTS ABOUT NETVAULT 7

- Advanced SAN/NAS Support
- Command Line Interface (CLI)
- Comprehensive Media Management
- Direct Access Restore
- Disaster Recovery
- Disk-to-Disk Backup
- Dynamic Device Sharing
- Event Notification
- Exchange Mailbox Support
- Extensive Platform Support
- GbE Device Support
- High Performance Data Movers
- Media Data Copy
- Network Compression
- Automated Load Balancing
- Comprehensive NDMP Support
- Open File Protection

**NetVault's Shared Virtual Disk Library (SVDDL)™ Plugin is the industry's first integrated LAN-free disk-based backup solution.** Created for SAN and NAS environments, SVDDL builds upon NetVault's existing Virtual Disk Library (VDL)™ by letting administrators create and share a Virtual library with multiple NetVault servers for greater functionality, higher performance D2D backup and expedited restores. The SVDDL allows an administrator to create a virtual library and share it with multiple NetVault machines as if it were a conventional tape library. Conversely, standard VDLs require all data transfers to pass through one node, creating bottlenecks which impact performance, especially if several Client machines target the VDL for backup and restore operations. SVDDL eliminates single node ownership of components in a virtual library thus improving performance by using Raw Device Data Movers for read and write operations. SVDDL also eliminates the preallocation requirements of VDL providing for quick virtual library initialization.

## Key Benefits

### Improved Business Continuity

Disk-based backup provides rapid online data restores that help get a data center and mission-critical server and database applications back up and running faster in the event of a failure than traditional tape backup. Restores are faster because backup data can be easily recovered directly from either a virtual or real library, depending on media availability. Unlike competitive VDL solutions which direct restores through one node, since SVDDL allows access to multiple nodes, if a node is down or not available, the SVDDL offers alternate client restore with direct access from disk. Alternate Client Restore directly from disk without using the LAN is key to business continuity which ensures improved regulatory compliance for Sarbanes-Oxley, Europe's Data Protection Act and Japan's HPB 517.

### Lower Total Cost of Ownership

A shorter backup window minimizes the performance impact on mission critical applications, enhances overall operational efficiency, and increases the time available for production jobs. SVDDL reduces hardware costs by minimizing the impact of frequent stop/starts on tape drives which wear down drives and stress the tape media with potential errors. Simultaneous backups from multiple data streams further enhance administrative productivity while reducing the learning curve involved since the SVDDL operates just like a physical tape device. Typically a center must buy multiple disk units and then attach each disk unit to a distributed resource. SVDDL uses a single centralized disk unit which improves disk utilization and results in major savings in free space requirement, management time and energy consumption.

### Unparalleled ease of use

An intuitive GUI walks you through server rebuild.

### Simplified administrative tasks

Centrally manage disaster recovery images from the NetVault server. In addition, most popular NIC and SCSI card drivers are included in VaultOS, allowing the VaultDR Clients to be quickly and easily configured.

## Major Features

- Virtual library can be shared by multiple NetVault machines
- Data transfers pass through multiple nodes, thus eliminating bottlenecks
- Utilizes High speed data movers
- Direct restore capability without restaging to disk
- Backup scheduling operation imitates real tape library
- Fully integrates with existing real tape library resource management
- Supports Full, Incremental, and Differential backups
- Flexible design, complete control over numbers of drives, slots, and tape media size
- Improved cost performance ratios when compared to tape alone

## SYSTEM REQUIREMENTS

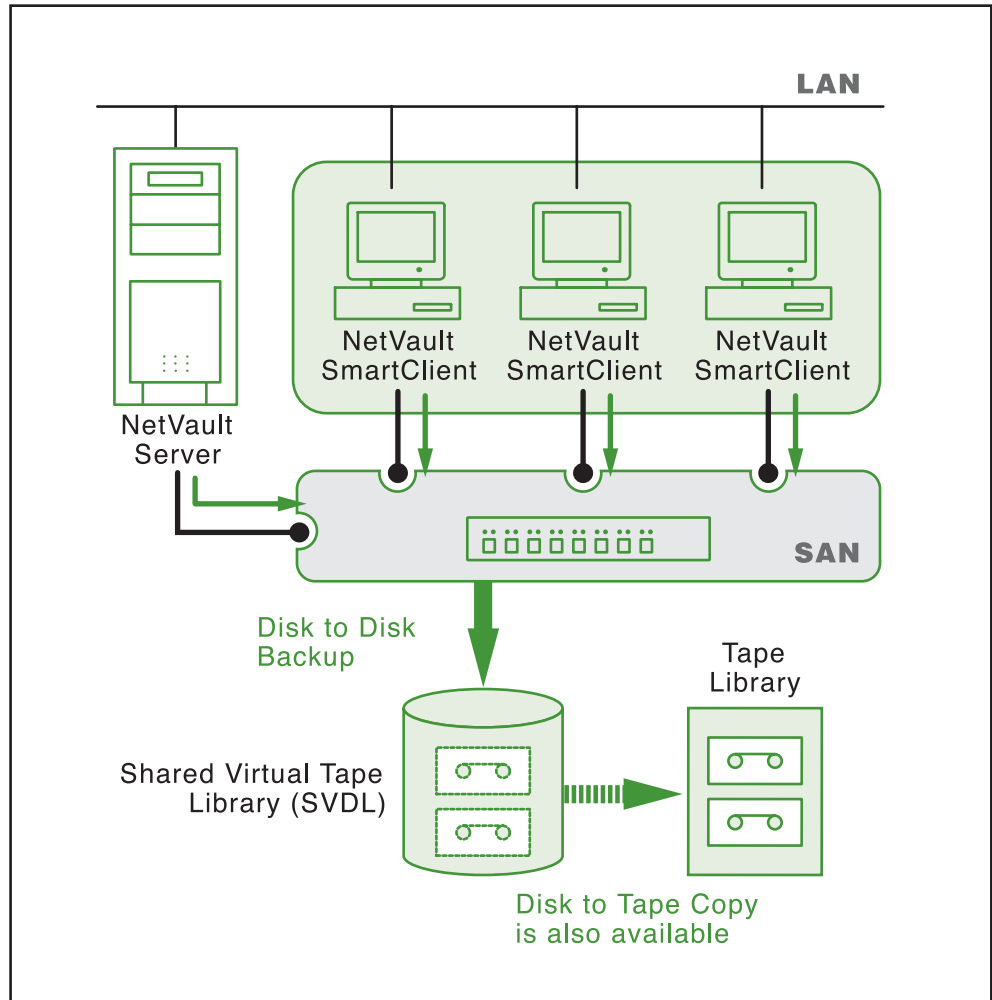
SVDL supported O/S platforms:

Windows XP, Windows 2000,  
Windows 2003, Linux kernel 2.4,  
2.6, Solaris SPARC 8, 9, 10

Backup Server Software:

NetVault 7.1.2 or later

*Specifications and System  
Requirements subject to change  
without notice. For updated  
information, please visit,  
[www.bakbone.com/products](http://www.bakbone.com/products)*



## NetVault

From the experts in open systems data protection, BakBone Software's NetVault delivers enhanced data protection and enterprise-class functionality that scales to meet the demands of any sized environment. NetVault's flexible, modular architecture delivers proven reliability and high performance, with a unique combination of features designed to meet current and future data protection needs. Whether you're managing a few servers or a complex, multi-site networked storage environment, there is a NetVault package designed to fit your needs.

## About BakBone

BakBone Software is a leading data protection solution provider that develops and globally distributes data backup, restore, and disaster recovery software for network storage environments. BakBone delivers scalable solutions that address the needs of large enterprise environments and small to medium size businesses. Incorporated in 2000, BakBone Software's products are used by companies worldwide and are distributed through a network of OEMs and solution providers.

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[www.bakbone.com](http://www.bakbone.com)

 **BakBone**  
Redefining Data Protection.

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