



NetApp™
Go further, faster



Infrastructure Solutions

CommVault Simpana Software and NetApp VTL

Simplified recovery and enterprise performance for data protection

KEY BENEFITS

Meet shrinking backup windows

NetApp® VTL enterprise performance enables you to meet your critical backup windows while CommVault Simpana® software point-and-click reporting verifies that your backup jobs have completed.

Speed restores by 10x and facilitate disaster recovery

Object-aware recovery combined with Shadow Tapes enable the fastest possible recovery times and simplify disaster recovery, whether data is on virtual or physical tape.

Increase storage efficiency by 95% or more

Native NetApp VTL deduplication allows you to store more backups on disk for longer.

Substantially improve tape infrastructure use

Patented Direct Tape Creation technology provides fast and efficient physical tape generation and reduces tape media spend up to 50%.

Proven, enterprise-class reliability

A common platform, 100% technology ownership, and advanced retry and failover resume capabilities enable more reliable backup and recovery.

THE CHALLENGE

Today's data centers include a diverse mix of servers, file systems, applications, and storage devices. Protecting these heterogeneous environments is very challenging, especially in the face of shrinking backup windows, increasing amounts of data, and more demanding restore times.

Disk-to-disk backup can help, but it's critical that the backup application and storage work together to deliver a solution that's easy to implement and manage. It also needs to leverage existing tape resources so you can satisfy compliance and disaster recovery requirements.

THE SOLUTION— COMMVAULT SIMPANA SOFTWARE AND NETAPP VTL

CommVault and NetApp bring years of collaboration and expertise together to provide an integrated solution that solves your data protection challenges. When jointly deployed, CommVault Simpana backup and recovery software and NetApp VTL deliver an ideal combination of efficiency, performance, and reliability.

The Simpana software manages the overall solution and generates application-consistent backups that are efficiently migrated to NetApp VTL using existing

backup procedures and policies. The combined solution facilitates seamless disk to disk to tape (D2D2T) backups that substantially improve your tape infrastructure use and make sending tapes offsite a breeze.

COMMVAULT SIMPANA BACKUP AND RECOVERY SOFTWARE—SIMPLIFIED, ENTERPRISE-CLASS DATA PROTECTION

CommVault Simpana software complements NetApp VTL to deliver reliable data recovery with maximum cost efficiency. The software makes it easy for you to find the data you need and restore it quickly. Object-level recovery capability means you can restore a single data object rather than an entire Microsoft® Exchange or SharePoint® database.

The CommVault solution is quick and easy to deploy. Silent installations are available for most agents so there's no need for disruptive server reboots, and deployments can occur during normal business hours. For added reliability, Simpana software provides advanced retry and failover resume capabilities that help jobs complete even when failures occur. Comprehensive point-and-click reporting makes it easy to verify that your backup jobs finished.

NETAPP VTL—PERFORMANCE AND EFFICIENCY FOR DATA PROTECTION

NetApp VTL complements CommVault Simpana software with enterprise performance, native deduplication, and advanced high-speed tape integration. Purpose-built for backup and recovery, NetApp VTL provides up to 8.2TB/hr throughput to meet tightening windows. And since NetApp VTL emulates all major tape storage devices, it easily integrates with Simpana software into your existing backup infrastructure.

Enterprise deduplication is built into the core of the NetApp VTL operating system. It reduces required capacity by 95% or more and significantly lowers the total cost of ownership of the entire backup system. You can cost effectively protect more systems with fewer storage resources, while minimizing ongoing costs such as power and cooling.

NetApp patented Direct Tape Creation (DTC) technology provides the industry’s most advanced use of tape assets. DTC provides high-speed physical tape creation that is 100% compatible with backup application media management. And Tape Smart Sizing improves media use by as much as 50% since it checks data compressibility, and automatically adjusts the size of virtual tapes to efficiently fit on physical tapes.

For investment protection and long-term reliability, NetApp VTL is based on software and hardware that have been proven in the most demanding data centers worldwide. The platform is 100% owned by NetApp and leverages our years of service and engineering expertise.

SHADOW TAPE INTEGRATION SPEEDS RESTORES AND SIMPLIFIES DISASTER RECOVERY

NetApp Shadow Tape integration with Simpana software enables faster recovery

times in a D2D2T backup strategy. The Simpana software manages and tracks physical tapes that NetApp VTL creates and sends offsite for disaster recovery. Meanwhile, NetApp VTL retains a “hidden” or “shadow” virtual tape copy on disk that Simpana software can automatically access for rapid restores. NetApp VTL Shadow Tape functionality improves restore times by 10x as compared to accessing an off-site copy on tape, and simplifies the entire disaster recovery process.

COMMVAULT AND NETAPP—PARTNERS FOR YOUR SUCCESS

Together, CommVault Simpana software and NetApp VTL improve your onsite and offsite data protection strategy. With service and support personnel deployed worldwide, you can obtain assistance 24/7. And NetApp Professional Services can provide backup and recovery design and implementation services to help maximize your return on investment.

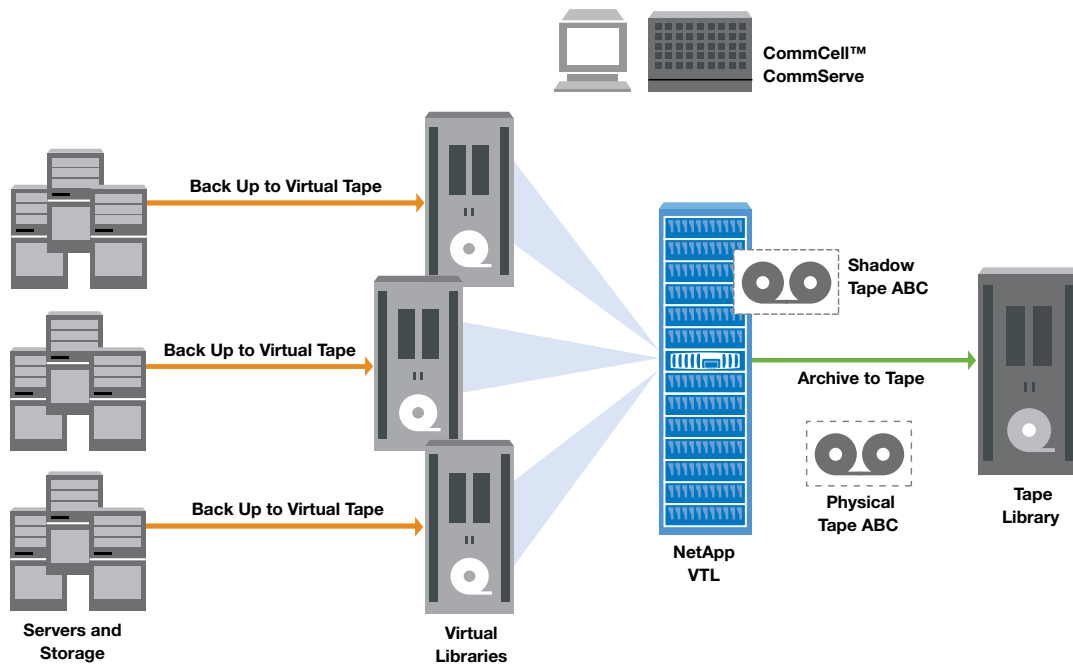


Figure 1) CommVault Simpana software and NetApp VTL overview.

NetApp creates innovative storage and data management solutions that accelerate business breakthroughs and deliver outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at netapp.com.