



CommVault® Simpana® 9 for SQL

Windows® Centric Singular Information Management® approach for Microsoft® SQL Server™

Solution Overview

CommVault's Singular Information Management® solution ensures a single piece of software enables high-performance data management, active-archiving, backup/recovery, DeDuplication and content indexing for Enterprise Business Search (**E-Discovery**) in compliance, legal and regulatory environments. CommVault software enhances SQL, SQL applications and the Windows environment SQL resides in while leveraging **the 64-bit optimized Windows Server®**.

CommVault for SQL Server enhances:

- **"Release Independent"** to assist upgrades of Windows where SQL is running with Archive, Migration, Recovery and Replication
- **VSS integrated** for "snapshot" node management
- **VDI integrated** option for SQL management
- **OnePass** backup & archive process
- Seamless integration for **on-premise and hosted versions of SQL**
- Auto **Resume-Ability** for interrupted backups, restores
- Easily configured **Striping** for optimal performance
- **Backup with Disaster Recovery** with full, point-in-time and step restore capability
- CommVault **SnapProtect™** feature integrated and VSS integrated
- Seamless **Azure** and other cloud storage integration
- **"Point In Time"** recovery down to the second level
- **DeDuplication/Single Instance Storage (SIS, block & application integrated)**
- **Client side DeDuplication (DeDup prior to moving data)**
- **Simultaneous Search** across Microsoft® Exchange, Microsoft® SharePoint®, Microsoft® Lync™ and Windows
- **HTTP Server addressing** with opportunistic scheduling
- CommVault **archiving** integrated with SharePoint's Records Center
- Auto-Feed data to **SharePoint Records Center**

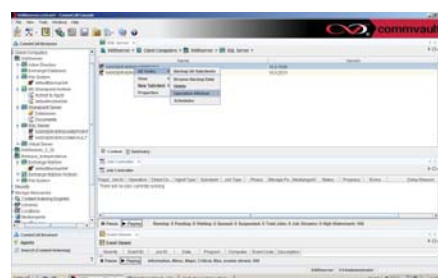
CommVault software provides simple administration of SQL **either via VSS or VDI** interfaces.

CommVault's **"VSS Generic Requestor"** enables SQL administrators a simple ability to make VSS hardware shadow copies. A simple "check box" enables VSS snapshots and CommVault software will translate the VSS request into the hardware snapshot language that is so often different with each hardware vendor.

When SQL is hosting SharePoint, CommVault software's archiving enables a **faster, trimmer, better performing SharePoint server** by archiving items based on policy (size, age, version count) out of the SharePoint server but still enables users to easily recall archived data through the use of Web Parts. Administrators can run native SQL utilities to reclaim disk space and database "white space".

CommVault Simpana software is optimized to take advantage of the **64-bit** computing environment and Volume Shadow Copy Services (VSS) and can also continuously replicate SharePoint via Continuous Data Replication (CDR).

CommVault software's **archiving** and compliance capabilities enable SharePoint data to be used within regulatory compliance guidelines. Data can be searched and recalled based on content, regardless of whether or not it is directly embedded in SharePoint, Exchange or file systems.



CommVault Simpana software is tightly integrated with **SharePoint Records Center**, enabling CommVault software to be the foundation for Records management across the enterprise. Policies can be set across the heterogeneous enterprise (Exchange, Windows and heterogeneous File Systems too) for data automatically inputted into Records Manager.

CommVault software's foundation includes **DeDuplication/Single Instance Storage (SIS)** ensuring less storage space is used for backup and archiving.

One Unified Solution for enterprise data management

"Before CommVault, to restore a SharePoint document the entire SharePoint database needed to be restored thus overwriting any recently changed documents. After CommVault, we can now restore to the document level which generally takes less than a minute."

*Richard Rudzinski,
I/T Director, Technical Services
The Borgata Casino,
Hotel and Spa*

Top Reasons Why Customers Choose Microsoft and CommVault Software for SQL

1. Delivers a single Windows Centric solution enabling active archiving, content search, classification, migration, backup, recovery, content management, DeDuplication and compliance for Exchange Server 2010, SharePoint 2010 and Microsoft® Office.
2. HTTP addressing makes administration of remote SQL databases a "snap".
3. Enables superior performance of data movement, particularly for large enterprise environments via 64-bit optimization.
4. Manage all Exchange and SharePoint data by "content" including automatic integration with Microsoft® FAST indexing and Microsoft SharePoint Records Center.
5. Manages all data from any location, anywhere in the world with Internet connectivity.

CommVault Simpana 9

for SQL

Contact Info



CommVault

2 Crescent Place
Oceanport, NJ 07757, USA
www.commvault.com/microsoft
E-Mail: microsoft@CommVault.com
or info@commvault.com

Primary business & technical contact:

Randy De Meno
Chief Technologist – Windows Products and
Microsoft Partnership
Phone: +1 732-870-4038
E-Mail: RDeMeno@CommVault.com

Headquarters contact

Phone: +1 732-870-4000



Microsoft Corporation

One Microsoft Way
Redmond, WA 98052, USA

US Field Partnering Manager

Teri Doyle
Business Development Manager
Phone: +1 425-421-7646
E-Mail: TeriD@microsoft.com

Primary Business Contact

Karl Dittman
Business Development Manager
Phone: +1 425-538-3468
E-Mail: KarlD@microsoft.com

Technical Pain Points Addressed

- **Backup, Recovery, Migration, Archiving, Data Mining, Content-Search** with quick recovery of granular items including file groups.
- **DeDuplication/SIS** significantly reduces overall storage usage for backup and archive data including the ability to DeDup to Cloud (Azure) and tape.
- **Enterprise wide Content Search** with FAST for heterogeneous search and SharePoint Search integration.
- **Active Directory® & ADAM plug-in** enables management of objects and attributes, including the ability to recreate an object with Security Identifying Information (SID) for Windows Server environments.
- **Hyper-V™ supported** via CommVault virtualized server agents (1 agent to manage multiple VMs).
- **Continuous Data Replication** offered within the Simpana suite.
- **HTTP Server addressing** with opportunistic scheduling.
- **The SnapProtect™** feature enables multiple point-in-time snapshots with the ability to recover a server and the application quickly.
- **Worldwide management** via a browser-based interface.
- **Multi-Lingual support**, including Microsoft® Outlook® plug-in for active archiving so users can remain in their native language.
- **Simple off-site data management** with the ability to mix and match media types (Disk, Cloud, SAN, NAS, Tape, Magneto-Optical, DVD, etc.).
- **Reporting is simple** and can include custom reports that can be sent to mobile devices as well as Microsoft® System Center.
- **Cross Server Restore capability** enables the movement of small and large data from one SQL environment to another.
- **CommVault software's 64-bit optimization** ensures high performance and full advantage of the 64-bit server technology and 64-bit Windows Server software.
- **CommVault Professional Services:** Broad worldwide coverage and support available for rapid installation that can be tailored to your environment.

About CommVault

The CommVault® Simpana Windows Centric Data Management solution enables you to use 1 SINGLE Data Management solution which will optimally perform the tasks of many other disparate solutions while leveraging storage devices such as disk and Azure. Simpana software is the result of extensive collaboration between Microsoft and CommVault.

Use Windows to easily manage SharePoint, Exchange, Lync, SQL, Active Directory, Windows and heterogeneous environments such as UNIX, Linux, NDMP, NetWare, GroupWise, Oracle, Sybase, DB2, Notes/Domino, Informix and MAC data.

CommVault is a Gold Certified partner that was recognized as a:

- 2006 Microsoft Innovation Technology Partner of the Year Finalist
- 2009 Advanced Infrastructure – Storage Solutions Partner of the Year Finalist
- 2010 Global ISV Infrastructure Partner of the Year Finalist



© 2010 Microsoft Corporation. All rights reserved.

This document is for information purposes only. MICROSOFT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS SUMMARY. Microsoft, the Microsoft logo, Active Directory, Azure, Hyper-V, Internet Explorer, Lync, Outlook, SharePoint, SQL Server, Windows, Windows Server, and Windows Server System are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks are property of their respective owners.

CommVault, CommVault and logo, the "CV" logo, CommVault Systems, Solving Forward, Singular Information Management, Simpana, Unified Data Management, Vault Tracker, and SnapProtect are trademarks or registered trademarks of CommVault Systems, Inc.