



CommVault® Simpana® 9 for Hyper-V Virtualization

Windows® Centric Singular Information Management for Hyper-V™ and the Microsoft® Enterprise

Solution Overview

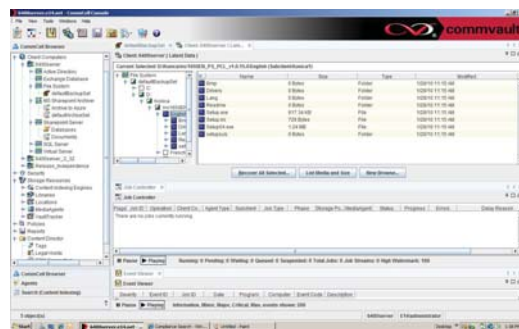
CommVault's Singular Information Management® solution ensures a single piece of Windows Centric software enables high-performance data management, active-archiving; backup/recovery, DeDuplication and content search/indexing for Hyper-V and the applications residing in Hyper-V environments. The CommVault Unified Virtual Server (VSA) agent enhances Hyper-V and the growing amount of data virtual Windows servers and virtual machines are managing while utilizing the Microsoft® FAST indexing engine to recall virtualized data based on content. **CommVault software can also assist customers in migrating from VMware to Hyper-V as all VMware data backed up and archived by CommVault software can be restored at the machine, volume or file level to Hyper-V.**

- **Single pass backup** with restore options from full machine, volume or file
- Full application (**Microsoft® Exchange, Microsoft® SharePoint®, Microsoft® SQL Server™, Active Directory®**) data management within the Hyper-V framework
- **VSS** snapshot integrated
- **Automatic discovery** of VMs and ensure newly added machines are protected
- **DeDuplication** reduces storage requirements (DeDup PRIOR to secondary storage store)
- **Archive** by document size, age and version management **enabling faster, trimmer, better performing SharePoint and Exchange databases** while users can recall any and all versions of an item.
- Seamless **Azure** and tiered storage integration
- CommVault **SnapProtect™** integrated and VSS integrated
- **Synthetic Full** backup integration reduces number of full backups required and overall storage
- **"Resume-Ability"** enabling interrupted backups and restores to continue at point of interruption
- CommVault **SnapProtect™** technology integrated and VSS integrated
- **Simultaneous Search** across Hyper-V data, Exchange, SharePoint, Microsoft® Lync™ and Windows
- Auto-Feed data to **SharePoint Records Center** for Records Management
- Seamless support for **Cluster Shared Volumes (CSV)**
- Integrated with CommVault software's replication for high availability requirements
- Simple ability to clone VMs

Via one browser-based interface, Simpana software enhances Hyper-V data with user and administrator ability to **microscopically manage data** while curtailing data growth and lowering storage costs.

CommVault software's **"Release Independence"** can assist and accelerate your new install or upgrade to Hyper-V. CommVault software has the ability to transform VMware backups/archives and content indexes such that the data can be restored/recalled to Hyper-V servers. This enables simple and fast transition to the Microsoft Hyper-V framework while ensuring customers remain within long term storage requirements and compliance regulations.

The CommVault VSA for Hyper-V is automatically integrated with Azure Cloud-based storage enabling Hyper-V backed-up, archived and indexed data to immediately leverage the Azure Cloud. Customer can immediately leverage DeDuplication and content search of data with optimized transparent inclusion of Azure storage.



One unified solution for enterprise data management

"Simpana software provides a broad range of management tools that work seamlessly across different storage types. The software enables deployments ranging from the inside the enterprise datacenter to and through public clouds. This flexible suite delivers significant value for companies of any size."

Jim Schwartz
Director Virtualization Solutions
Microsoft

Top Reasons Why Customers Choose CommVault Software for Hyper-V

1. Delivers a single Windows Centric solution enabling active archiving, content search, classification, migration, backup, recovery, content management, Deduplication and compliance for Hyper-V and Microsoft applications such as SharePoint, Exchange, Lync and Office Server.
2. Assists and accelerates upgrades to Hyper-V by restoring data from VMware.
3. Enables superior performance of data movement, particularly for large Hyper-V environments via 64-bit optimization.
4. Manages all heterogeneous 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.

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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

CommVault's Embrace & Enhance of Hyper-V enables:

- **Backup, Recovery, Migration, Archiving, Data Mining, Content-Search** with quick recovery of granular items including mailboxes, messages, folders, contacts, calendar items and more or an entire SharePoint environment with its Windows Server System™ environment.
- **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.
- **SnapProtect™ technology** enables multiple point-in-time snapshots with the ability to recover a server and the application quickly.
- **Web Desktop Console** for remote off-line browse.
- **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.
- **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 SharePoint environment to another.
- **Accelerate your upgrade** SharePoint 2010 knowing data can be retrieved from previous versions of SharePoint (back to SharePoint 2003).
- **CommVault software's 64-bit optimization** ensures high performance and full advantage of the 64-bit server technology and 64-bit Windows Server software.
- **Quota Management:** Users can more easily remain within their mailbox quota limits by using CommVault software's mailbox management, and leverage less expensive secondary storage (Windows Storage Server for example) for older, less utilized E-Mail.
- **Simple Off-Site data management** with the ability to mix and match media types (Disk, SAN, NAS, Tape, Magneto-Optical, DVD, etc.). Simplifies setup of D2D2T, D2D2C.
- **VSS integration for Exchange, SharePoint and SQL with "Generic Requestor" capability** enabling a single operation for hardware/provider based snapshots regardless of vendor.
- **Synthetic Full Backup offers the ability** to significantly reduce the number of full backups and media used for storage.
- **Web Part Integration**, for seamless recalls of documents from secondary and tertiary storage.
- **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



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