

A CommVault® White Paper

Efficient, Affordable Data Management with Simpana® Software and Microsoft® Windows® Azure™

**Protect, Manage and Access Your Data Securely
and Efficiently: On Premises, In the Cloud, From
Anywhere, At Any Time, While Lowering Costs**

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Executive Summary

Together, Microsoft and CommVault deliver a flexible, secure and cost-effective solution for data management both on premises and in the cloud.

More and more organizations are looking to leverage the cloud for operational, financial and strategic reasons. By deploying Simpana software with Microsoft Windows® Azure™, businesses of all sizes can protect, manage and access their data securely and efficiently both on premises and in the cloud from anywhere, at any time, while simultaneously lowering their total cost of operations (TCO). It is a streamlined, easy-to-use data management solution that is designed to maximize value to your business, whether your goals are doing more with less; providing new capabilities to increase the agility of your organization; enhancing business continuity – or all of the above.

Microsoft and CommVault, a Microsoft Gold Certified partner and 2011 Microsoft Server Platform Partner of the Year, have collaborated for over a decade to provide businesses with superior data management solutions. The two companies are continuing this track record by strengthening these solutions with delivery of Simpana software on the Windows Azure cloud platform. The joint solution enables you to protect and manage your heterogeneous data on premises with Simpana software — and, seamlessly, in the cloud – with Windows Azure.

Dependable, on-demand storage and compute from anywhere, at any time

With Simpana software and Microsoft Windows Azure, archiving, data protection and management become extraordinarily easy. The joint solution enables you to protect and manage your data wherever it resides — on premises or in the cloud — and authorized users can access and manage the data via the Internet at any time, from anywhere in the world.

By choosing to store your data in the cloud with Windows Azure, your organization can ensure that your data is secure in the event of an on-premises disaster. Microsoft owns and operates its own data centers that provide non-stop service and security, and all customer data is backed up to multiple locations and on separate virtual machines for each tenant.

You can granularly search, access and recover all of your data — including critical business applications like Microsoft Exchange®, SharePoint®, Lync, Active Directory and SQL. CommVault software protects your data, and does it efficiently, because the data sent to Windows Azure is encrypted and deduplicated, and the encryption keys are kept locally on premises helping enable you to meet compliance guidelines. Windows Azure further boosts security by requiring the authentication and authorization of all persons and processes that request access to data.

A streamlined, easy-to-use data and information management solution

Because Simpana software was built on a single code base and optimized on the Microsoft Windows Server® platform, it is a single, unified, Windows-centric data management solution. The Simpana common platform is equipped with an exponential leap in innovation for data and information management, including features such as global deduplication, reliable synthetic backup, application-aware hardware snapshot protection, active archiving, indexing, granular backup and recovery, content search and simplified migration options. You can protect, manage, find, access and use your data and information quickly, simply and affordably on premises and in the cloud to meet your unique needs.

The full spectrum of Simpana software's capabilities — including backup and recovery, archiving, deduplication, search, compliance and eDiscovery — is available on demand through the Windows Azure cloud platform, enabling you to affordably extend your data management strategies to more cost-effective tiers. Simpana software's tight integration with Windows Azure means that you need only select the CommVault Media Agent and enter their Windows Azure credentials. It is a seamless, efficient and infinitely scalable way to manage and protect data off-premises, helping to ensure complete and easy recovery so you can keep the lights on, rapidly respond to compliance or regulatory requirements, leverage your data to make better decisions and recover in the event of an unforeseen disaster.

More data management services, at a lower cost

Because Simpana software was built and optimized on a common Windows Server platform, it provides a single, unified data management solution, eliminating the need for disparate products with separate interfaces, hardware infrastructures, training and support requirements and licensing costs. The powerful source-based deduplication and compression capabilities of Simpana software allows you to reduce the amount of data sent to Windows Azure for backup, archive and search, which can eliminate silos of data and allow you to lower storage and networking costs.

Microsoft Windows Azure further reduces TCO by allowing you to perform complex, intensive tasks on demand without having to invest in processing, storage and network infrastructures. It can help you to save in the long run, too — driving efficiency for such on-going costs as IT maintenance, training, power and data storage. Best of all, the Simpana software-Windows Azure solution delivers flexibility and business agility by giving you the option to pay only for the archiving and data protection you need, when you need it, so you can scale your service up or down as needs change.

Today's businesses must manage tremendous amounts of data at a time when budgets are tight — this is precisely why CommVault and Microsoft have teamed up to offer Simpana data management software on the Windows Azure platform. The joint solution provides businesses of all sizes the capabilities for more performance and control over their data, allowing them to protect, manage and access their data assets quickly, simply and affordably, both on premises and in the cloud.

Simpana® Software Platform Benefits

Through its single platform, Simpana® software can intelligently manage data and information across heterogeneous applications, virtual servers, operating systems and infrastructure from a single console. It solves the problem of protecting enterprise data – from the data center to the edge and to the cloud - with a single platform. It is designed to efficiently capture, move, retain, find and recover data from any storage tier, including disk, tape and cloud. Simpana software:

- Simplifies and expands data protection and recovery options for the data center, remote/branch offices (ROBOs), edge data on laptops and desktops, administrators and end-users.
- Enables cost-effective, consolidated backup of data across physical and virtual environments.
- Facilitates implementation of tiered storage.
- Increases application and data availability.
- Improves backup efficiency and reliability.
- Helps improve productivity with self-service access to data from virtually anywhere and any device.
- Reduces the cost, time and risk for search and eDiscovery.
- Provides one interface for data management.
- Release Independence enables data from older versions of applications such as Exchange, SharePoint and SQL to be accessed and restored to their newer versions.



Figure 1: CommVault Simpana® Common Platform



To learn more about Simpana® software and solutions for the Cloud, Disaster Recovery and more, visit <http://www.commvault.com/>

For more information on CommVault and Microsoft:
<http://www.commvault.com/microsoft>

About CommVault

A singular vision—a belief in a better way to address current and future data management needs—guides CommVault in the development of Singular Information Management® solutions for high-performance data protection, universal availability and simplified management of data on complex storage networks. CommVault's exclusive single-platform architecture gives companies unprecedented control over data growth, costs and risk. CommVault Simpana software was designed to work together seamlessly from the ground up, sharing a single code and common function set, to deliver superlative backup and recovery, archive, replication, search and resource management capabilities. More companies every day join those who have discovered the unparalleled efficiency, performance, reliability, and control only CommVault can offer. Information about CommVault is available at www.commvault.com.

CommVault's corporate headquarters is located in Oceanport, New Jersey, in the United States.

About Microsoft

Microsoft Windows Azure Platform

The Windows Azure platform provides an excellent foundation for expanding online product and service offerings. The main components include:

- **Windows Azure**, the development, service hosting and service management environment for the Windows Azure platform. Windows Azure provides developers with on-demand compute and storage to host, scale and manage web applications on the Internet through Microsoft data centers.
- **Microsoft SQL Azure** offers the first cloud-based relational and self-managed database service built on Microsoft SQL Server 2008 technologies.

For more information about the Microsoft Window Azure platform you can learn more at: www.microsoft.com/windowazure.



For more information about Simpana® software modules and solutions, and for up-to-date system requirements, please visit www.commvault.com

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