COMMVAULT®

▶ # The Most Complete Hyper-V Protection & Management Solution

▶ ## HIGHLIGHTS

Commvault software enables organizations to go beyond data protection to provide modern data management with:

1 **Flexible Data Protection —**
Right-size data protection methodologies for Hyper-V environments to achieve SLAs with confidence without overspending.

2 **Hardware Snapshot Management —**
IntelliSnap® technology helps accelerate application-aware protection and recovery of VMs.

3 **Self-Service Access and Management of VMs —**
Let end users access and manage their own VMs with a web-based multi-tenant, self-service interface.

4 **Metrics Reporting —**
Intuitive web-based reporting, including chargeback/showback capabilities.

5 **Flexible, Cost-Effective Disaster Recovery —**
Leverage any tier of infrastructure from internal resources to private cloud to bring DR to every application that needs it.

6 **CSV Proxy —**
Eliminates network traffic for data protection by providing SAN-based backup & recovery for Hyper-V.

▶ Rapidly scaling a virtual server environment can create data protection roadblocks. With Commvault software you can eliminate these barriers and accelerate your Microsoft Windows Server Hyper-V adoption.

Commvault software's Virtual Server Agent (VSA) helps you gain new efficiency out of your Hyper-V virtual infrastructure with the most advanced Hyper-V backup/recovery and management solutions available today. Commvault software scales seamlessly to support the most demanding enterprise deployments running Microsoft Hyper-V.

SCALABLE DATA PROTECTION AND RECOVERY FOR MICROSOFT HYPER-V

- Manage data across physical & virtual environments with a single, integrated solution.

- Simplified installation and management.

- Protect hundreds of VMs in minutes with IntelliSnap® technology for heterogeneous management of array-based hardware snapshots.

- Enable scalable LAN-free Hyper-V backups leveraging deep integration and a unique proxy approach with full support for VHD and VHDX formats.

- Cluster aware protection with full integration for CSV and Live Migration.

- Enterprise-class, global deduplication reduces requirements for back end disk library capacity.

- Application integrated protection ensures application consistent protection and rapid application recovery within VMs.

- Support for both Microsoft Hyper-V and VMware.

VM LIFECYCLE MANAGEMENT

- Provide self-service management access to application administrators and Test/Dev teams for VM provisioning, backup, and recovery with customizable configuration limits, expiration dates, and much more.

- Normalize management of virtual machines across multiple VM and cloud platforms (Hyper-V, VMware and AWS) with a web-based portal.

- Use workflow automation to eliminate tedious and time-consuming processes.

- Achieve operational excellence with custom reporting options that deliver summary, dashboard, and instrumentation level reporting on the entire environment, not just the backups.

- Leave no VM unprotected with automated VM discovery.

DISASTER RECOVERY USING PUBLIC, PRIVATE, OR HYBRID CLOUD

- Bring DR to workloads that have never had it before by eliminating the need for identical hardware – leverage.

- Accelerate DR and DR testing with automated, replicated VM backups to cloud.

- Implement an SLA-focused DR strategy.

Take Advantage of the Cloud Efficiently and Easily

Explore how companies can reap the benefits of Microsoft® Azure™ infrastructure and storage with Commvault software in this whitepaper.

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KEY CAPABILITIES AND BENEFITS

COMPONENT	BENEFITS
Ease of Install and simple, streamlined manageability	New VM Backup and Recovery and Cloud Management Solution Sets delivers rapid installation, simplified management for VM Data Protection, advanced reporting functionality via cloud-based metrics and key event monitoring and alerting.
IntelliSnap® for Virtual Servers	Protect 100's of Virtual Machines (VMs) in minutes. Create rapid fire, policy-based persistent HW snapshots that deliver near instant recovery of VMs. Offload backup from production Hyper-V servers to a stand-by Windows Server with a Hyper-V role.
Enhanced Auto Protection & Filtering of Virtual Machines	Guarantee protection for VMs across the enterprise with fully customizable VM discovery, filtering, and catch-all protection policies.
Application Aware & Consistent Data Protection	Deep application level awareness ensures virtualized applications have application consistent and rapidly recoverable data protection.
Incremental Forever Backups with DASH Technology	Dramatically reduce the backup window and maximize resource utilization and efficiency by leveraging deduplication-aware replication technology to implement an incremental forever backup strategy.
Extensive Recovery Options & Granularity	Single interface enables recovery of files, volumes, applications or full VMs from either a snapshot or a deduplicated backup copy to streamline recovery operations across the environment.
Web Console for Self-Service Provisioning & Access	Streamline operations and accelerate access to data with self-service options for provisioning, backup, & recovery of VMs, applications, and data.
Workflow Automation	Streamline operations by automating repetitive or highly complex tasks.
Broad Hyper-V Support Options	Windows Server 2012 R2, Cluster-aware protection for CSV & Live Migration, CSV proxy support for Virtual Server Agent.
Broad Virtual Server Platform Support	Microsoft Hyper-V Server & VMware vSphere.

There are multiple ways to buy the VM Lifecycle Management solutions – including VM Backup and Recovery and VM and Cloud Management available in Commvault software. They can be purchased through our capacity licensing (per TB) options, or as a stand alone packages on a per socket or per 10 pack of VMs basis.

▶ With Commvault software you can fully leverage Microsoft Server 2012 Hyper-V in your data center to dramatically improve resource utilization and operational efficiency. Learn more at **commvault.com/hyperv**.

COMMVAULT®

PROTECT. ACCESS. COMPLY. SHARE.