

Simpana® 10 Software Highlights:

Simpana software extends the industry leading backup and disaster recovery capabilities from CommVault with:

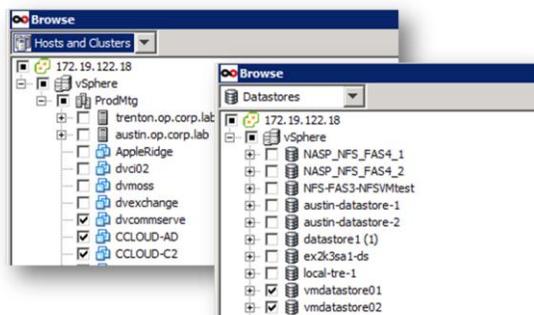
1. **IntelliSnap™ for Virtual Servers** – meet Tier One Application SLAs with array-based snapshot management
2. **Massive Scalability** – optimized to protect and manage VMs and data from a single vCenter instance to thousands of VMs across the enterprise.
3. **Enhanced Custom VM Auto-discovery and Filtering Rules**
4. **Fast, Flexible Recoveries** –extensive options for scheduling restores, provisioning VMs, power-on or rename VMs while recovering from snapshots, backups or DR copies with a single console.
5. **Integrated Incremental Forever Protection** – leveraging source-side deduplication, Change Block Tracking and DASH Full.
6. **Workflow Automation** for streamlined operations
7. **Operational Reporting** delivers insight into the entire environment to help achieve operational excellence.

Data Management for VMware Deployments

CommVault® Simpana® 10 software's Virtual Server Agent (VSA) is the industry leader in meeting the unique challenges of protecting a virtual environment. Simpana 10 software scales seamlessly to support the most demanding enterprise deployments running VMware deployments.

Cloud Scale Data Management

- Protect hundreds of VMs in minutes with IntelliSnap™ technology for heterogeneous management of array-based hardware snapshots.
- Leverage deep integration with vSphere 5.1 and vCloud 5.1 via the latest VMware vStorage APIs for Data Protection (VADP).
- Leverage embedded deduplication and features like Change Block Tracking to enable smart protection strategies like incremental forever to limit the impact of backups on production infrastructure, using less hardware resources than traditional backup or point products.
- Built-in resiliency and scalability controls with automatic load balancing, across multiple protection nodes for high performance.
- Scale to protect thousands of VMs across the enterprise.
- Application integrated protection ensures application consistent protection and rapid application recovery within VMs.



Data Management for the Scope of the Modern Enterprise

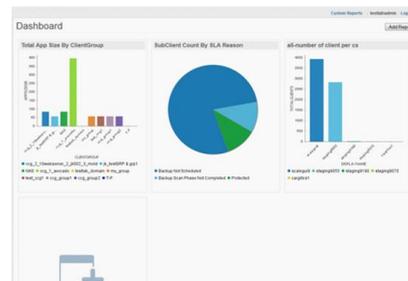
- Manage data across physical & virtual environments with a single, integrated solution.
- Broad virtualization hypervisor from VMware and Microsoft Hyper-V support is fully integrated.
- Built-in automation tools to minimize operational overhead and accelerate a shift to cloud based infrastructure, for instance, by integrating more rapidly with custom cloud management portals.
- Offer wide variety of backup SLAs based on business needs, not based on limitations of the technology being used.

Mission-Critical Recovery and Retention Options

- Meet business critical recovery SLAs with IntelliSnap™ technology for rapid recovery of VMs, files or application data from a single pass operation.
- Accelerate application-level Exchange restores with individual mailbox or message level restores from an offline point in time VM snapshot.
- Create secondary and DR copies on tiered disk or tape leveraging fast efficient DASH™ Copy technology.
- Accelerate disaster recovery operations by leveraging the virtual infrastructure with "Virtualize Me" technology for physical systems and automated recovery for virtual machines. .

Streamline Operations with Automated Workflows and Advanced Reporting

- Let no VM go unprotected with advanced auto-protection, leveraging fully custom policies for auto-discovery and filtering.
- Streamline repetitive and highly complex tasks with workflow automation.
- Achieve operational excellence with custom reporting options that deliver summary, dashboard and instrumentation level reporting on the entire operating environment, not just the backups.
- Enable self-service access to VM data via vCenter plug-in and web consoles for VM recoveries.



KEY CAPABILITIES AND BENEFITS

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 virtual machines.
Embedded Source-side Deduplication	Reduce backup windows and eliminate redundant backup data sets with CommVault's industry leading deduplication technology.
Incremental Forever Backups with DASH™ technology	Dramatically reduce the backup window and maximize resource utilization and efficiency by leveraging Deduplicated Streaming Hash (DASH) technology to implement an incremental forever backup strategy.
Enhanced Auto Protection of Virtual Machines	Guarantee protection for VMs across the enterprise with fully customizable VM discovery, VM filtering and catch-all protection policies
Application aware and consistent data protection	Deep application level awareness ensures virtualized applications are protected are application consistent and rapidly recoverable
Rapid recoverability with hardware snapshots	Meet tier one and business critical application SLAs for recovery points (RPO) and time (RTO) by leveraging fully cataloged, fully searchable array-based snapshot copies
Extensive recovery options and 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.
"Virtualize Me" technology	Accelerate disaster recovery operations by leveraging the virtual infrastructure on the DR site with "Virtualize Me".
vCenter plug-in and Web Console	Streamline operations and accelerate access to data with self-service options for recovery of VMs applications and data.
Workflow Automation	Streamline operations by automating repetitive or highly complex tasks
Broad VMware Support Options	vSphere 3.5, 4.0, 4.1, 5.0, 5.1 vCloud Director 5.1
Broad Virtual Server Platform Support	VMware vSphere and ESX Server Microsoft Hyper-V Server



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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