



CommVault® and Nirvanix Lower Storage TCO, Reduce Risk and Increase Data Access

Delivering Data Aware Cloud Storage

KEY BENEFITS

- **Lower Operational Costs**
Reduce the administrative and storage overhead for infrequently-accessed data in the Data Center by tiering to more efficient, lower-cost Nirvanix storage.
- **Free Up Existing Data Center Space**
Automatically tier older/infrequently-accessed data to the cloud, freeing up existing capacity to accommodate ongoing data growth.
- **Maximize the ROI of your Cloud-based Storage**
Integrated deduplication ensures that only unique data segments are stored "in the cloud," minimizing costs associated with redundant data across backups and archive.
- **Reduce Complexity**
Integrated data management of both local storage and cloud storage from a single console minimizes administrative overhead and the need for specialized gateway appliances.
- **Reduce Security Risk**
Encryption of data in-flight and at-rest with integrated, FIPS certified CommVault Simpana encryption software.
- **Global Data Access**
Store data in any or all of Nirvanix's 5 globally dispersed storage nodes.

The Business Challenge

IT organizations continue to deal with massive unstructured data growth, stronger regulatory requirements and reduced budgets. To meet the needs of more stringent data retention requirements and faster RTOs, many users have over provisioned low-cost disk storage which, combined with non-integrated data management products, creates inefficient storage infrastructures resulting in high operating costs. In fact, many datacenters have reached a limit where there is no power or real estate left to continue expanding.

Together, CommVault and Nirvanix® offer real-world solutions to help solve these problems. CommVault® Simpana® software provides an integrated data and information management platform that seamlessly integrates with the Nirvanix Storage Delivery Network (SDN)™, a fully managed cloud storage service designed from the ground up for enterprises.

Data-Aware Tiering to Cloud

CommVault Simpana software provides a unified data and information management platform built on a single codebase, with modules for Backup and Recovery, Archive, Replication, Resource Management, and Search. Now with native REST over HTTP integration, Simpana software seamlessly provides automated, policy-based data movement between on-premises disk-based data storage and the Nirvanix SDN, all from a centralized console. Eliminating the need for scripting or disparate cloud gateway appliances, Simpana software delivers integrated alerting, reporting, tracking and verification of data copies in the cloud while Nirvanix provides secure, scalable cloud storage. In addition, the combined solution leverages Nirvanix's policy-based storage which enables specification of which locations should be used for data storage in the cloud, as well as the ability to replicate data between any of Nirvanix's five global storage nodes.

Lower Costs

Because of the secure multi-tenant nature of the Nirvanix SDN, infrastructure costs are shared across many users while security measures ensure that data is only accessible by the owner. This approach allows Nirvanix to offer a fully managed storage service that is more economical than the total cost of on-premises storage when fully burdened with storage provisioning, monitoring, energy consumption for power and cooling, technical refreshes, etc.

Based on typical use cases, CommVault Simpana software can help further lower cloud storage-related costs up to 75 percent by compressing and deduplicating data before it is sent over the network and stored in the Nirvanix SDN. Deduplication can occur within your datacenter or even at remote sites, prior to crossing the network. Complementary data reduction approaches such as the use of incremental backups and integrated data compression at the source work together with deduplication to reduce the overall amount of data in-transit and at-rest.

Storing data within the Nirvanix SDN also lowers compliance costs associated with tape media. By using CommVault Simpana software's content indexing prior to sending to the Nirvanix SDN, users have the flexibility to meet eDiscovery requests from a centralized console independent of the physical location of the data (on-premises or in the SDN). By eliminating the error-prone nature associated with removable media, compliance process risk can be minimized.



Secure

The life blood of an organization is the information its people and customers create. It is no surprise that the top concern of IT executives when considering cloud-based storage is security of their data. The combined CommVault and Nirvanix solution includes cloud security functionality and control processes designed to meet even the most stringent security requirements. CommVault Simpana software lets users configure the right data encryption approach to meet their requirements. Users can protect data starting from the source with in-stream encryption, and then extend encryption to data “at-rest” in the cloud. This ensures that data is protected during data migration and also in the unlikely event of unwarranted access of data already in the SDN.

Nirvanix storage nodes are located globally in Tier-III facilities that utilize financial-grade physical and biometric procedures to safeguard all access to the nodes and your data. Nirvanix employs rigorous control processes that have been audited and approved by a major auditing firm, as well as the information security departments of multiple Fortune 50 enterprises. Moreover, Nirvanix has been awarded SAS 70 Type II certification verifying that control processes are documented and have followed industry standard requirements for more than a year. Additionally, Nirvanix Network Operation Control staff monitor the SDN 24x7 and regularly test the network to ensure the highest levels of performance and protection.

Global Access

The Nirvanix SDN is comprised of 5 globally-dispersed storage nodes strategically located to optimize access regardless of a user’s location. These are based in the U.S. (California, Texas, New Jersey), as well as in Germany and Japan. The nodes are accessible via a single namespace, which gives users the ability to write to one location and have access to any one or all of the nodes. With Nirvanix policy-based geo-replication, users can also specify exactly where data should be stored or replicated. This lets users optimize compliance with specific retention policies by enabling the automated replication of data to a secure location at a distance in accordance with their requirements.

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 software’s exclusive single-platform architecture gives companies unprecedented control over data growth, costs, and risk. CommVault’s 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, Resource Management, and Search capabilities.

About Nirvanix

Nirvanix’s mission is to ease the burden of storage management for organizations while enabling secure and reliable access to data worldwide. Nirvanix provides the Nirvanix Storage Delivery Network (SDN), a fully-managed, secure cloud storage service developed for today’s enterprises. The SDN intelligently stores, delivers and processes storage requests in the best network location, providing the optimal user experience. The SDN is comprised of standards-based access to integrated services, powered by Nirvanix’s patent-pending proprietary technology and infrastructure.

For more information on how to ease the burden of managing storage while extending the life of your current storage assets, visit us online at www.nirvanix.com, e-mail us at info@nirvanix.com, or call us at 619.764.5650 x400.

SIMPANA
software

CommVault® Simpana® Backup & Recovery, Archive, Replication, Resource Management and Search software is designed to work together seamlessly from the ground up, sharing a single code and common function set. This exclusive single-platform architecture enables unparalleled software efficiency, performance and reliability for unprecedented control over data growth, costs and risk.



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