

Simplifying Storage with Cloudian HyperStore for Nutanix Environments



Simplify storage for your Nutanix environment with a secure, feature-rich, S3 compatible object storage platform

Enhance object storage deployment flexibility with Cloudian® HyperStore® running natively as Nutanix VMs and external clusters to serve your increasingly critical data storage needs.

A Built-in Object Storage Solution for Your Nutanix Environment

Nutanix hyperconverged infrastructure provides a simple and efficient platform for running even the most data-intensive workloads. Your storage object solution should provide the same level of simplicity and economics – especially in a world with a dramatically increasing amount of data – and the need to manage and protect it.

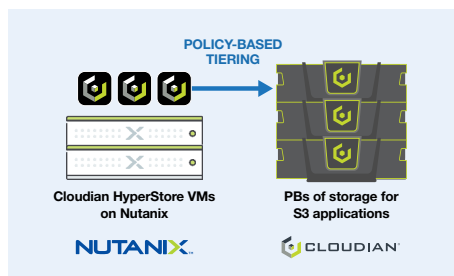
Your storage solution should also be flexible and scale as your data needs scale, while being cost-effective and reliable. Cloudian and Nutanix have collaborated to create a Nutanix certified solution to do all of that, and more. Multi-cloud ready with flexible deployment options, HyperStore is S3 compatible storage and provides a secure, enterprise-grade storage tier for Nutanix environments. Deploy as a VM within the Nutanix cluster as well as an external cluster for additional, limitless scalable capacity.

Cloudian HyperStore – Nutanix Solution

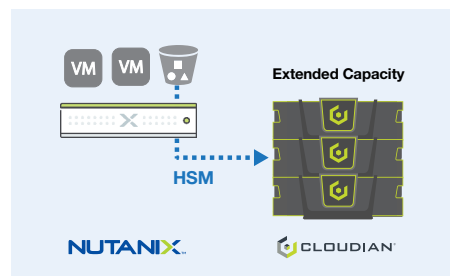
Cloudian HyperStore for Nutanix lets you integrate object storage within your Nutanix-powered private cloud. With Cloudian HyperStore, you have the industry's most compliant S3 storage environment that is guaranteed interoperable with the thousands of applications that support the S3 API.

Three Solution Options

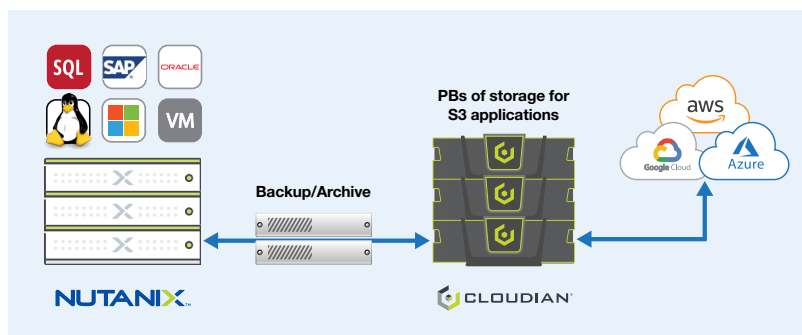
Cloudian on Nutanix Cluster



Extended Capacity for Nutanix Buckets



External to Nutanix Cluster for Backup/Archive



KEY SOLUTION BENEFITS

- Seamless integration with Nutanix; HyperStore deployed as one or more VMs and as an external cluster
- Turnkey hyperconverged solution for compute storage, networking, and virtualization
- Flexible deployment and configuration options.
- Multi / Hybrid cloud ready – tier seamlessly to public cloud
- Scalable: start small and expand non-disruptive to suit needs – with additional VMs and with additional Nutanix nodes
- Unified view of data: with a single namespace across locations – eliminates management workload and complexity
- Strong security encryption to protect the most sensitive data
- Native S3 compatibility for industry's best interoperability
- Uncompromising data durability and enterprise-class reliability

CLOUDIAN HYPERSTORE

- Runs on Nutanix Hypervisors
- Interoperates with S3-enabled applications running on Nutanix and externally
- Also connects to S3-enabled public clouds as well as external Cloudian clusters
- Includes policy-based storage tiering
- For performance, store object data to local disk
- For capacity expansion, tier data to external HyperStore clusters with optional public cloud tiering

Using Cloudian HyperStore for Nutanix, administrators can quickly get started with object storage. Create an S3-compatible storage environment entirely within your existing Nutanix cluster – with no additional hardware required, and with data stored and access locally on the Nutanix cluster. Tier to S3 public clouds or external Cloudian clusters for expanded capacity, offsite storage, or content distribution.

Solution Overview

With Cloudian HyperStore for Nutanix, you have a complete object storage platform within your system.

- **S3 API:** 100% native S3 API, delivers industry's highest level of S3 compatibility
- **Feature Rich:** Includes data encryption, compression, data protection, tiering to cloud, fine-grain policy control
- **Easy to Deploy:** Self-contained entirely on Nutanix; no additional hardware required
- **Scalable Storage:** Start small with a few TBs; upgrade path to 100s of PBs based on dedicated storage hardware

Nutanix Acropolis HCI Platform

Nutanix Acropolis is a turnkey hyperconverged infrastructure solution that combines compute, storage, networking, and virtualization to let you run any application at any scale. Nutanix Acropolis overcomes the inherent complexity, inefficient silos, forklift scaling and painful management of legacy infrastructure by delivering a comprehensive set of software-defined platform services so that you can consolidate all of your workloads on the Nutanix platform and manage them centrally.

You can start small and scale one node at a time. Nutanix software running on each node distributes all operating functions across the customer for superior performance and resilience. A single cluster can have an unlimited number of nodes. Different hardware platforms are available to address varying workload needs.

Cloudian HyperStore

Cloudian's HyperStore S3 compatible object storage platform provides an elegant, cost-effective, on-premise solution for Nutanix environments. Designed to meet the need for large, secure, highly resilient and flexible storage infrastructure at a low cost, HyperStore is multi-cloud ready and scales in line with your needs, with fine-grained, bucket-level storage policies proving added flexibility and control over storage. HyperStore also helps extract more value from data with integrated metadata search and analytics.

Cloudian object storage upgrade non-disruptively eliminating costly overprovisioning. HyperStore's automatic data verification and data encryption, both in-flight and at rest, safeguard valuable assets against threats of deletion or theft via malware. Policy driven data replication and erasure coding ensure unmatched data durability.

Learn More

Contact your Nutanix or Cloudian sales representatives to learn more about this solution offering and how you can benefit.

Nutanix: www.Nutanix.com

Cloudian: www.Cloudian.com



NUTANIX™

Nutanix is a global leader in cloud software and hyperconverged infrastructure solutions, making infrastructure invisible so that IT can focus on the applications and services that power their business. Companies around the world use Nutanix Enterprise Cloud OS software to bring one-click application management and mobility across public, private and distributed edge clouds so they can run any application at any scale with a dramatically lower total cost of ownership. The result is organizations that can rapidly deliver a high-performance IT environment on demand, giving application owners a true cloud-like experience.

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