Hybrid Edge-to-Cloud Storage Solutions

Seagate® enterprise storage systems with Lyve™ Cloud hosted storage combined with the OSNEXUS QuantaStor storage platform provides unified block, file, and object storage with scale-out and scale-up architecture options to serve a broad spectrum of workloads.

All bundle configurations include OSNEXUS QuantaStor with a three-year Gold subscription non-locking license for the capacity of the bundle and a one-year license for 250TB of Lyve Cloud object storage.

OSNEXUS QuantaStor supports tiering NAS file storage to Seagate Lyve Cloud storage at no additional license cost.

Storage tiering technology enables automatic backups from QuantaStor to Seagate Lyve Cloud and tiering of files based on file age. Tiering retains a 1:1 identical copy of files in the Seagate Lyve Cloud object storage tier and is ideal for a variety of use cases like media asset management, archiving, and content management.

Choose from three available bundles to meet your needs.

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BUNDLE 1

High Performance NAS/SAN Storage System Ideal for mission critical use cases including databases, virtualization, transcoding, media editing, and more, bundle 1 includes OSNEXUS QuantaStor on the highly available Seagate Exos® AP 2U24 all-flash system with dual server controllers.

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BUNDLE 2

High Density Hybrid Flash Plus HDD NAS/SAN Storage System Optimal for media asset management, unstructured data, backups, archive, research data, and general NAS use cases, bundle 2 includes OSNEXUS QuantaStor on the highly available Seagate Exos AP 5U84 hybrid system with dual server controllers.

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BUNDLE 3:

Two-Node Building Block for Scale-Out and Rack-Scale Hybrid Flash and HDD Storage The third bundle provides scale-out file and object storage clusters that deliver both standard protocol access (S3, NFS, SMB) and native direct filesystem access for HPC and other high-performance use cases. A minimum of four nodes are required per scale-out cluster, with six or more nodes recommended. Each two-node building block bundle includes a Seagate Exos AP 2U24 high density 24-bay storage array with integrated dual AMD servers and two Seagate Exos CORVAULT™ data protected HDD direct attached arrays (each with 1.91PB raw capacity).

Seagate Exos CORVAULT

Self-healing, mass capacity block storage designed to deliver hyperscale efficiencies, rapid deployment, and streamlined data orchestration that delivers value, performance, and data protection.

Seagate Exos AP 2U24

High performance all-flash array with integrated dual AMD servers, the Exos AP 2U24 provides the dual HA servers with high performance 100GbE networking for the OSNEXUS QuantaStor software defined storage and high performance SSD storage for metadata storage.

SEAGATE LYVE™ Cloud

Seagate Lyve Cloud

A simple, trusted, and efficient object storage solution for mass capacity storage and data workloads, delivered as STaaS with predictable economics to provide multi-cloud, multi-region freedom with no ingress, egress, or hidden fees.

Seagate Exos AP 5U84

High performance hybrid flash and disk array with integrated dual AMD servers, the Exos AP 5U84 provides the dual HA servers with high performance 100GbE networking for the OSNEXUS QuantaStor software defined storage and hybrid high performance SSD storage for metadata storage and high-density disk storage all in a single 5U form factor.

OSNEXUS QuantaStor

QuantaStor addresses the complexity of managing multiple storage clusters across sites with its unique Storage Grid technology, making it easy to combine systems and clusters into a single federated control plane to manage all systems across all sites as one.

SEAGATE | **OSNEXUS**

Industries:

| Media and Entertainment | Energy and Utilities | Financial Services | Law Enforcement | Education | Government | Life Sciences |

Use Cases

High-Performance Computing

Big Data Analytics

Backup and Archive

Disaster Recovery

Virtualization

Features/Benefits

- Supports unified file, block, and object storage.
- Unified management across systems with Storage Grid technology.
- Extensive security features including Active Directory integration, SSO, and FIPS 140-2 certification.
- Scale-up and scale-out storage architecture options to fit the needs of a broad spectrum of workloads.
- Seagate systems provide scalable storage options for both scale-up and scale-out configurations from 100TB to over 100PB with Storage Grid technology.
- Backup and archive on-premise data to Seagate Lyve Cloud using QuantaStor.

Ready to Learn More?

See www.osnexus.com/seagate or Talk to a Seagate Expert

See www.seagate.com/products/storage/data-storage-systems

See www.seagate.com/services/cloud/storage

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