Quantum® **SwiftStack**

SwiftStack and Quantum

FlexTier: "Extending StorNext to the Cloud"

Quantum and SwiftStack have long demonstrated their independent industry leadership in storage and data management, and now—together—joint customers can leverage the benefits of multi-cloud storage environments from SwiftStack seamlessly with their Quantum StorNext platform using FlexTier.

FlexTier enables the use of S3-compatible storage as a tier within StorNext, which means that customers can continue to use Quantum's high-performance tier-1 and on-premises storage along with additional on-premises or public-cloud storage tiers managed by SwiftStack.

SwiftStack is modern, scalable, and proven software-defined object storage used for data management across many industries in active and long-term archives, multi-region collaboration and DR, multi-cloud bursting, and CDN origins. With massive throughput performance, a cloud-native architecture, true hardware flexibility, and award-winning support, SwiftStack is commonly used, for example, in the production, post-production, and distribution phases of media workflows for use cases like ingesting data—directly or via tools like Aspera, providing on-premises access to public cloud services (e.g., transcoding, QC, and AI/ML), synchronizing assets between geographically distributed production teams, and storing finished content in a "forever archive."

HIGHLIGHTS

- **Seamless Integration:** StorNext and SwiftStack communicate with the industry-standard S3 API, so configuration is simple and certified. https://goo.gl/HL2hBd

- **Multi-Region & Multi-Cloud:** Quantum on-premises storage is high-performant and well-proven, and now SwiftStack expands StorNext to include on-prem object and public-cloud storage in a single namespace.

- **Multi-Purpose:** Both Quantum and SwiftStack are used across Media, Research Science, and any more industries. Many SwiftStack deployments serve multiple use cases simultaneously.
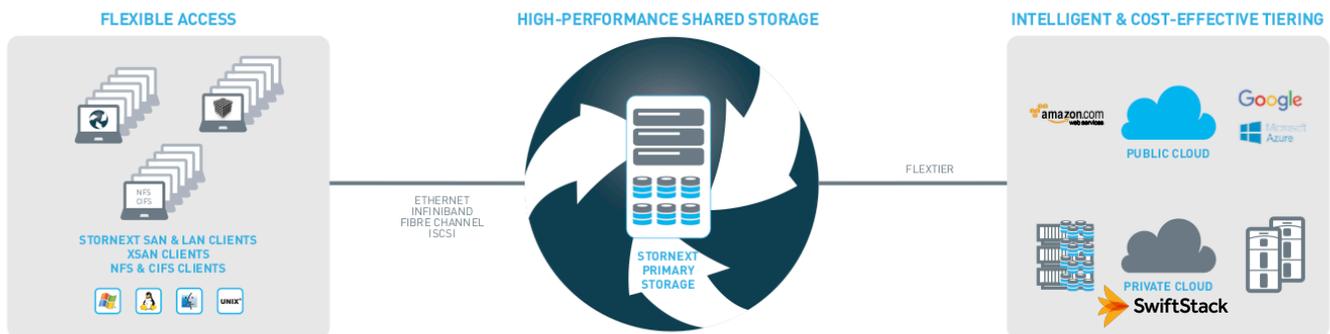
Better Together

Companies turning to SwiftStack and Quantum together can experience the ultimate in workflow flexibility with two industry leaders enabling a storage tiering solution that can span on-premises and public cloud compute and storage resources to meet the ever-expanding demands of workflows from start to finish.

With FlexTier, StorNext brings cloud storage into demanding workflows.

SwiftStack handles multi-cloud data management, so you don't have to.

Modern			
Open source at the core	Universal access	Custom middleware	Single multi-cloud namespace

Intelligent			
Policy-driven	Metadata management	Provisioning/ maintenance in-flight	Proactive monitoring & support

Flexible			
Truly hardware-neutral	Globally distributed	Multi-tenant	Replicas and/or erasure codes

1   **Freedom of choice** - standard x86 servers, SAS or SATA disk drives, and Ethernet networking components are used; mix-and-match hardware vendors and vintages; expand on-premises storage within a single namespace to include public cloud and any other S3-compatible storage

2   **Easy to deploy and scale** - a single command installs the SwiftStack software on each node running a standard Linux operating system; ongoing management and monitoring utilizes a simple controller, and many customers manage multi-petabyte deployments with a fraction of one person's time

3   **Multi-region** - nodes of a cluster can exist in multiple geographic sites to protect and location-optimize your data; buckets in Google Cloud and AWS are also available storage locations

4   **For applications of today and tomorrow** - traditional applications can access storage using NFS and SMB protocols without refactoring, while modern applications simultaneously use object APIs

5   **Manage with policies** - define durability levels, fine-tune data placement, configure multi-cloud replication, migration, and tiering strategies, and then let SwiftStack software handle the details

"With our old storage, we spent a ton of time moving data back and forth between tiers for different projects. SwiftStack greatly reduced that limitation by increasing transfer speeds between tiers by up to 6x. Now, some workflows—like proxy generation—don't even need to touch our Tier 1. This greatly simplifies operations, saves time, and decreases our more costly storage investments."
— Vince Auletta, Director of IT, Premiere Digital Services

To try **SwiftStack** for free, go to https://www.swiftstack.com/try-it-now/

For additional assistance or to learn more, always feel free to contact us. We're here to help.
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    Email - contact@swiftstack.com
    Chat - Visit swiftstack.com, and look for the chat pop-up in the bottom right