

Hybrid Cloud Data Management and All-Flash Performance with SwiftStack and InfiniteIO

SOLUTION BRIEF

Easily find and migrate cold file data to SwiftStack with no changes to your IT.

Many organizations are trying to reduce the cost of their existing file storage by archiving their inactive or cold data to private cloud storage while dedicating NAS systems on-premises to critical data. However, traditional cloud archive and array-based tiering solutions force IT teams to change existing processes or implement forklift data migrations, creating risk and complexity. Acquiring more on-prem, all-flash storage to support 50% annual file growth is expensive and unsustainable.

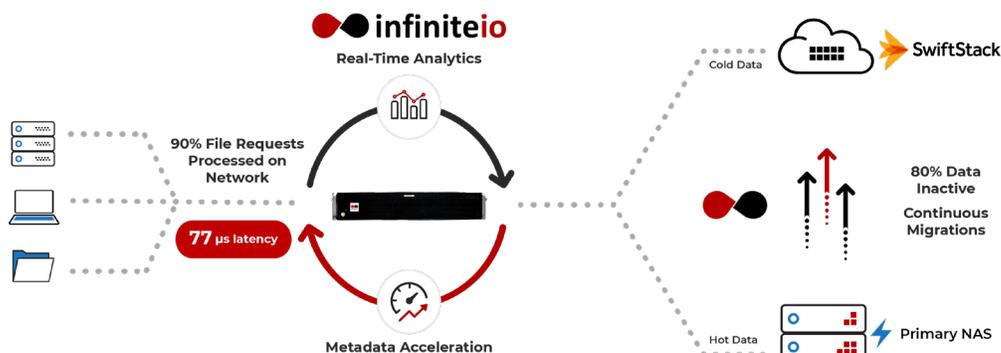
InfiniteIO and SwiftStack have teamed to deliver a simple and powerful solution that:

1. Reclaims tier-1 NAS capacity
2. Instantly tiers to cost-optimal storage
3. Provides transparent file access
4. Unifies the file and object storage pool
5. Scales to billions of files
6. Ensures all-flash performance for all files

All delivered with **zero disruption** to existing workflows or operations.

Reclaim and Extend Enterprise NAS Capacity

The InfiniteIO and SwiftStack hybrid cloud solution helps customers delay or eliminate the need for additional primary storage capacity. InfiniteIO can slash the existing NAS footprint up to 80% by identifying hidden, cold files and moving them to a massively scalable SwiftStack cloud. Customers can reclaim tier-1 NAS capacity without changing any existing workflows, storage configurations or IT operations.

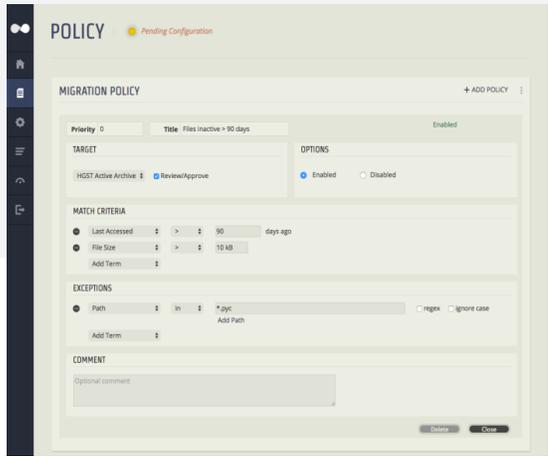


InfiniteIO offloads metadata requests and migrates cold data from existing NAS to SwiftStack, while making files appear and perform as though they are still on primary storage.

Solution Benefits

- Deployment in Minutes**
 InfiniteIO installs simply like a network switch—with no downtime or workflow changes, and SwiftStack software deploys easily—turning your standard servers into cloud storage in minutes.
- Simplified Data Migration**
 Instantly and automatically migrate files to SwiftStack cloud storage without continually rescanning NAS systems.
- Consistent Flash Performance**
 Offloading metadata requests enables legacy NAS to perform like flash while reducing latency for cloud file access.
- Efficient Data Protection**
 Reduce backup time, capacity and cost by offloading metadata requests from backup application and using SwiftStack as a resource for archive and retrieval.
- Transparent File Access**
 Make files available for use, even if they have been inactive for decades, by transparently presenting them as local storage regardless of physical location.
- Real-time Insights**
 Gain real-time insight to improve and automate management for your hybrid cloud storage infrastructure.
- Enterprise Scale**
 Scales to billions of files regardless of capacity on a single system.
- No Hidden Costs**
 InfiniteIO's system-based pricing avoids unnecessary capacity-based data management fees even as file or capacity counts grow over years.

Hybrid File/Object Storage with Simplified Data Tiering to SwiftStack



InifiniteIO's browser-based management tool makes it easy to create robust, advanced data migration policies.

InifiniteIO extends NAS to SwiftStack to deliver unified access for file and object workflows without changing anything. Customers simply create robust policies in a simple web-based interface, and InifiniteIO continuously migrates data to the optimal storage location, unifying files and objects in SwiftStack. All files migrated to SwiftStack appear as though they reside on primary storage, and end-users can access their files, even if they have been inactive for years, without disruption or performance penalty.

Achieve Cloud Economics

The combined solution will provide immediate ROI relative to expanding traditional NAS. SwiftStack acquisition and operational costs are lower than enterprise NAS, and InifiniteIO is priced like a switch, which avoids unnecessary data management fees. And, less Tier-1 NAS capacity means less power, less cooling and less floor space. The combined solution dramatically reduces long-term TCO for enterprise data storage.

Deliver Consistent High Performance for Local and Cloud-Migrated Files

Up to 90 percent of all storage requests are for metadata, or information about the data, including when the file was created and who can read it. Servicing metadata requests slows NAS systems and hurts application performance. InifiniteIO responds to metadata requests directly from the network without going through the original file or storage system: there is no metadata performance penalty for moving large volumes of files to SwiftStack. Unlike traditional tiering systems that are not metadata aware, InifiniteIO does not need to recall and reconstitute a file from SwiftStack just to serve a metadata request—it is served directly from DRAM, exceeding flash NAS performance and levelling performance across this hybrid file/object environment.

Manage Data at Enterprise Scale without Disruption

As simple to purchase and install as a network switch, InifiniteIO deploys in minutes with no downtime and without requiring changes to existing user applications or back-end storage. InifiniteIO and SwiftStack together allow customers to scale data management to billions of files or petabytes of storage. Moreover, InifiniteIO and SwiftStack are interoperable with thousands of applications with native support for S3- and Swift-based APIs. The flexibility and simplicity of the InifiniteIO and SwiftStack hybrid cloud enables customers and partners to help ensure that their data is always available and is delivered with the most cost-effective, high performance storage in the cloud and on the ground.

Start Here

Contact representatives to learn more about hybrid cloud storage solutions

- InifiniteIO: www.infinite.io
- SwiftStack: www.SwiftStack.com

Download the Inifinite Insight hybrid cloud storage assessment tool to quickly identify hidden, cold data in your real-world environment and visualize opportunities to save up to 80% in storage costs.

- www.infinite.io/ROI



InifiniteIO makes hybrid cloud storage simple and fast, ensuring information flows to people and applications that need it most, without disruption. Based in Austin, Texas, InifiniteIO provides real-time insights to analyze, optimize and scale capacity and performance throughout the hybrid cloud for global enterprises, research organizations and media companies. InifiniteIO offers customers and partners the fastest way to implement a hybrid cloud strategy and maximize the value of cloud storage. Learn more at www.infinite.io, [@infiniteio](https://twitter.com/infiniteio) and [LinkedIn](https://www.linkedin.com/company/infiniteio).

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