

Simplify and Accelerate Hybrid Cloud Storage

SOLUTION BRIEF

Cloud Economics and All-Flash Performance. Zero Changes.

Many organizations tier files to the public cloud as an archive to accommodate 50% annual file growth, while dedicating on-premises storage to mission-critical applications. However, finding and using these files can be slow—and costly. And, acquiring more on-prem, all-flash storage is expensive and unsustainable over time.

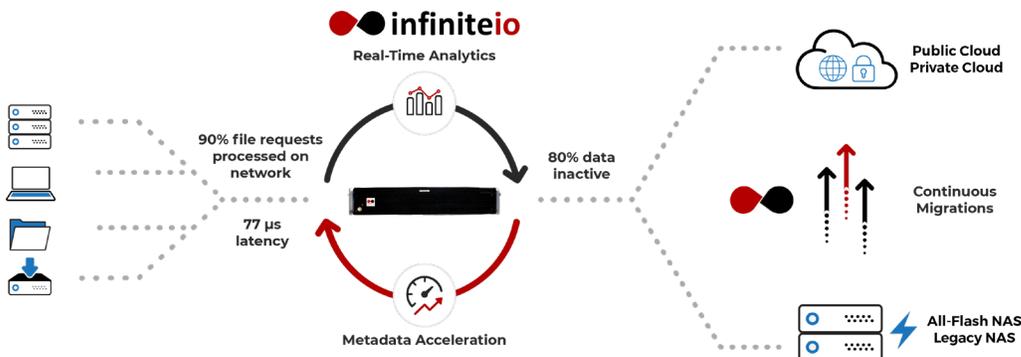
To eliminate these cost and performance tradeoffs, InfiniteIO delivers cloud tiering and metadata accelerator solutions that optimize hybrid cloud across all NAS and

1. Reclaimed tier-1 NAS capacity
2. Instant tiering to lower-cost storage
3. Transparent file access
4. Unified file and object storage
5. Enterprise scale to billions of files
6. All-flash NAS performance everywhere

All delivered with zero disruption to existing workflows or operations.

Extending NAS Capacity

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



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

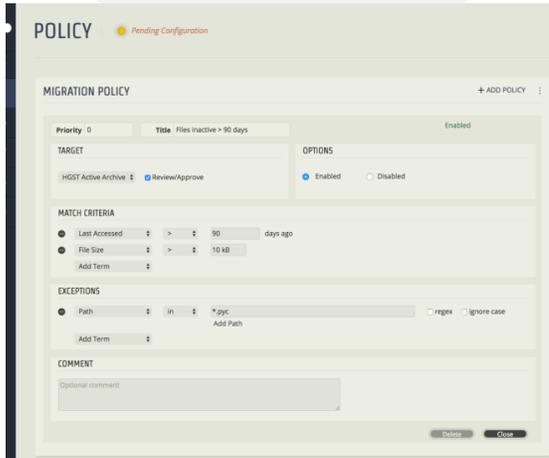
Key Solution Benefits

- Simplified Data Migration**
 Instantly and automatically tier files to any cloud storage or NAS without rescanning NAS systems. Future native file format support make it easier to leverage migrated data for cloud-based apps like serverless computing, bioinformatics, analytics and machine learning.
- Deployment in Minutes**
 Installs simply like a network switch – with no downtime or workflow changes.
- 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.
- Consistent Flash Performance**
 Offloading metadata requests enables legacy NAS and cloud-migrated files to out-perform flash.
- Efficient Data Protection**
 Reduce backup time, capacity and cost by offloading metadata requests generated by backup apps and using cloud storage for archiving and retrieval.
- 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**
 System-based pricing avoids unnecessary capacity-based data management fees even as file or capacity counts grow over years.

Metadata Unlocks Performance and Savings

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. The InfinetelIO solution responds to metadata requests directly from the network without going through the original file or storage system. Customers and partners can immediately gain the economic benefits of cloud with the performance of all-flash NAS throughout the InfinetelIO hybrid cloud environment.

Simplified, Policy-based Data Tiering to Low-Cost Cloud Storage



InfinetelIO data management and tiering features are fully automated, policy-based and simple. Using infiniview™, InfinetelIO's unified view of cloud-migrated data and connected storage systems, customers create policies that continuously migrate files based on metadata attributes. All migrated files appear as though they reside on primary storage.

When your client reads or writes to a cloud-migrated file, InfinetelIO automatically moves the file from cloud storage to the primary storage system. The NAS system then directly fulfills the file request as always. Once the file again meets the criteria for cold data, InfinetelIO automatically migrates the file to the cloud storage without admin intervention. Customers simply create policies using clear business logic, and InfinetelIO continuously migrates data to the optimal storage location, unifying files and objects in a single pool.

Infiniview™ runs on any web browser and enables simple creation of robust, advanced data migration policies.

Manage Data at Enterprise Scale without Disruption

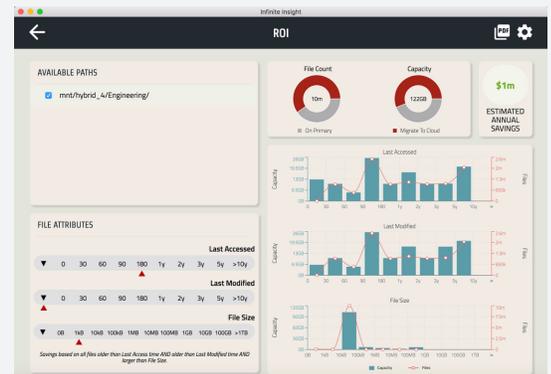
As simple to purchase and install as a network switch, InfinetelIO deploys in minutes with no downtime and without requiring changes to existing users, applications or back-end storage. InfinetelIO's clustered configuration pricing also allows customers to scale data management to billions of files or petabytes of storage without incurring unnecessary capacity licensing fees. The flexibility and simplicity of the InfinetelIO solution enables customers and partners to ensure data flows freely to the users that need it most, with consistently high levels of storage performance throughout the hybrid cloud.

Start Here

Go to www.infinite.io learn more about hybrid storage cloud solutions.

Download the **Infinite Insight** hybrid cloud storage ROI calculator from www.infinite.io/ROI to quickly identify opportunities to migrate inactive or cold data to cloud storage and save up to 80% in storage costs.

Watch "How does InfinetelIO work?" on [Youtube](https://www.youtube.com/watch?v=...).



InfinetelIO provides the lowest possible latency for file metadata, enabling applications to run faster, reduce development cycles, and increase data productivity. Based in Austin, Texas, InfinetelIO independently processes file metadata to simultaneously accelerate application performance and hybrid-cloud data tiering for global enterprises, research organizations and media companies.

Learn more at www.infinite.io, [@infiniteio](https://twitter.com/infiniteio) and [LinkedIn](https://www.linkedin.com/company/infiniteio).

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