



Making Cloud-Based Storage Easy and Cost-Effective

Buurst's SoftNAS seamlessly connects with your data to replicate it to the cloud provider of your choice without the need to recode or reformat, enabling you to implement a robust and scalable cloud-based storage solution that allows you to set it and forget it.

On-premises network-attached storage is rigid and expensive

High latency, noisy networks prevent data from continuously syncing, putting organizations at risk for losing data

Globally distributed datacenters add a layer of complexity and cost to purchase and maintain

Ensuring large volumes of on-premises data is protected and accessible can be a full-time job

Implementing a scalable storage solution with Buurst's SoftNAS

Setting up



Connect the SoftNAS virtual appliance directly to on-premises data



Replicate data to the cloud provider of your choice



Optimize bandwidth to transfer data over noisy networks



Continuously sync data to ensure it's up to date during replication

Tuning and optimization



Tune app performance on the SoftNAS node to ideal level to handle demand



Continuously transfer updated files and data to primary data center



Improved network reliability

Replicate and migrate data to the cloud over noisy networks to get high performance applications up and running on the cloud within hours



Continuous data syncs

Scan for changed files to only migrate data and applications that have been altered since the previous sync, keeping applications up to date



CapEx to OpEx

Eliminate the need to procure, maintain, and update on-premises hardware – reducing costs and making quick scalability possible

Unlock comprehensive network-attached storage capabilities backed by the power of the cloud

Buurst's SoftNAS is easy to setup, connecting directly to your on-premises, data to replicate it across Microsoft Azure or AWS. The SoftNAS virtual appliance gives you control of the underlying infrastructure, enabling you to customize the storage and compute needed to house your most business-critical, data-intensive applications.

With a flexible data storage solution using Buurst's SoftNAS on the cloud, you can spin up new storage, replicate data to those environments, and run simulations and tests without causing a disruption to the business. Implement granular controls and policies that automatically protect and backup new applications that are built within the cloud environment.

Key benefits

Dynamic storage tiering

- Automate storage tiering with block-based optimization for up to 4 tiers
- Aggregate tiers into single storage pool
- Apply automatic data aging and migration rules based on data access frequency
- Save up to 67% in cloud storage costs

High transfer speeds

- Overcome latency, congestion, and packet loss constraints to transfer data up to 20x faster than TCP/IP
- Optimize global data flow streams for fast bulk data transfers
- Throttle network bandwidth and usage to control how much WAN and LAN bandwidth are used

Block-based replication

- Perform block-based replicate-by-exception for altered data blocks
- Capture changes in storage snapshots as changed data blocks
- Fast, efficient, constant data synchronization

Lift and Shift Migration

- Replicate data to the cloud within hours
- Point and click file migration using fill-in-the-blanks wizard to move hundreds of terabytes globally
- Create one-to-one, one-to-many, and many-to-one replication relationships

High availability

- Cross-zone dual controller high availability provides automatic failover
- Ensure business-critical applications are meeting their demanding performance and uptime requirements
- See up to 99.999% uptime for business-critical applications

NAS-like tooling on any cloud

- Create a dedicated private NAS environment on Microsoft Azure or Amazon Web Services
- Tune the compute and storage levels to meet your needs



[SoftNAS] allows us to operate in the Amazon Cloud in the same way we're operating in our datacenter. It made the migration that much smoother.

Constantinos Karantzas, VP of Cloud Engineering, Atypon

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