STORVAULT

StorVault File Space (SFS) is a cloud-native file service connecting file systems to object-based cloud storage.

It streams files from cloud object stores directly to clients, eliminating the hassle of copying or syncing, while providing highly secure end-to-end encryption.

The challenge

Object storage consumption is growing at an ever-accelerating rate, fueled by explosive growth in the amount of data being generated. Although object storage is secure and scalable, it is static and lacks a file system interface. It is challenging to access object storage in a way that matches disk-level performance and it is difficult to consume as an end-user, or application, especially in distributed workflows.

The solution

StorVault File Space (SFS) creates the best of both worlds, as it delivers a highly sought-after solution for a setup where users and applications can connect to the same single name space, exposed as local disk but backed by object storage.

StorVault File Space:

Convenient and flexible – Streamable, scalable, distributed file service, built on cloud object storage and made for edge-to-cloud, cloud-to-cloud and hybrid workloads

Improve workload efficiency and maximise productivity – Make a group of files in a file system structure accessible to a user or user group and use cloud object stores as distributed file systems; allow distributed teams access to their data, and provide ways to connect applications, cloud regions and cloud providers to the same data set

Highly scalable and inexpensive – Can be used to replace on-premises file servers; limitless scale enabled by splitting object storage from metadata; object storage can be consumed as a local file system layer that allows users and applications to access it from anywhere at local disk speed

Security – End-to-end, at-rest and in-motion encryption; eliminates the need for additional infrastructure such as cloud gateways; total control over data sovereignty to enhance risk management and compliance

High-performance – Metadata synchronisation and parallel data streaming; snapshot support to enable complete version control

Ease of use – Dramatically reduced complexity and seamless production; no hardware needed, no maintenance, no issue with growth, no resiliency plan required

About StorVault

StorVault specialises in Cloud Storage, via a world-class data centre located in South Africa. We provide high performance, cost-effective, secure and reliable offsite, Cloud-based backup services through a nationwide network of fully-certified professional business partners and authorised resellers. Our current offerings include flexible Personal, Business and Microsoft 365 data backup and storage solutions.

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