Online Backup and Recovery Service

StorVault FileSpace powered by LucidLink

FILE**SPACE**
powered by 🔗 LucidLink

A streamable, scalable, distributed file service built on cloud object storage, made for edge-to-cloud, cloud-to-cloud and hybrid workloads

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Introduction

StorVault FileSpace powered by LucidLink 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. With StorVault FileSpace, clients can mount and use cloud object stores as distributed file systems. It is designed specifically for extensive data access over distance, to improve workload efficiency and maximise productivity.

The challenge

Object storage consumption is growing at a ever-accelerating rate, fueled by explosive growth in the amount of data being generated from an expanding number of workloads that are finding a home in cloud environments.

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 hard to consume as an end-user, or application, especially in distributed workflows.

The solution

StorVault FileSpace creates the best of both worlds – 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 FileSpace combines concepts from distributed databases, log-structured file systems and cloud gateways to completely re-think cloud storage; building a cloud-native file system on top of object storage to create a limitless file system as a service for object storage accessible from anywhere.

Highly scalable and inexpensive object storage can be consumed as a local file system layer that allows users and applications to access it from anywhere. This can be used to replace on-premises file servers, allow distributed teams access to their data, and provide ways to connect applications, cloud regions and cloud providers to the same data set.

KEY FEATURES

- Instant access from anywhere at local disk speed
- Complete control with end-to-end, at rest and in motion encryption to offer the highest degree of security
- Limitless scale enabled by splitting object storage from metadata.
- High-performance through metadata synchronisation and parallel data streaming.
- Snapshot support to enable complete version control.
- Storage as a service (SaaS) model eliminates the need for additional infrastructure such as cloud gateways

KEY BENEFITS

- Productivity enhancements by providing distributed teams and applications access to large data sets from anywhere.
- Efficiency improvements by allowing multiple simultaneous client connections to the same dataset.
- Dramatically reduced complexity and lower costs for seamless production.
- No hardware needed - no maintenance, no issue with growth, no resiliency plan needed.
- Total control over data sovereignty to enhance risk management and compliance.

SPECIFICATIONS AND TECHNICAL SUPPORT

- Supports all major OS platforms (Linux 32/64, Windows 32/64, MacOS).
- Enterprise scalability and performance and is S3 compliant.
- E-mail support provided 24 x 7 x 365 with a response time of between 12 and 24 hours - Mail: support@storvault.co.za
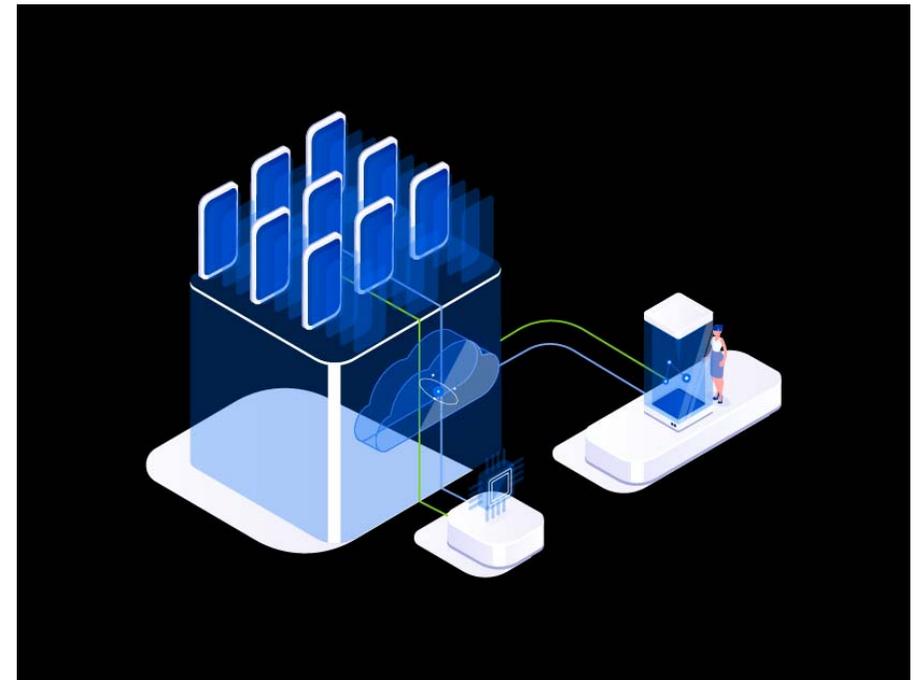- Telephonic support provided between 09h00 and 16h00 from Monday to Friday - TEL: 011 848 7063

The Online Backup and Recovery Service at a glance

The StorVault online backup and recovery service is initiated by a StorVault software agent that is downloaded and registered on a target device via a web portal according to a user-selected service plan. Once installed the selected service plan agent will provide a pre-configured, highly-automated backup routine designed to ensure that all data destined for backup is transferred over the internet to StorVault's purpose-built, highly-secure, Cloud storage facility in South Africa.

The service features an easy-to-use, highly configurable single web console with user access control that enables key functions such as routine monitoring and detailed reporting on all backup activities. Access to and recovery of all backed up data is facilitated through the web console by simply navigating to the recovery point via the intuitive interface, selecting the files or folders to be restored and clicking restore. All restore requests can be performed to either the original location or an alternate destination or device and can be performed from anywhere at any time. Backup data is encrypted during the backup, in transit and at rest in the StorVault Cloud.

About StorVault

StorVault is a world-renowned brand that has been associated with data storage and backup and recovery for more than two decades

StorVault specialises in Cloud Storage based on a world-class data centre located in South Africa and provides 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.

StorVault's portfolio of backup and recovery services, products and integrated solutions meet the data protection needs of all users – from a single home user to enterprises with many thousands of users; and from capacities that range from a few megabytes of personal information to thousands of terabytes of priceless corporate data.

For further information

Tel: 011 848 7400
Email: info@storvault.co.za
Visit: www.storvault.co.za