Zadara + LucidLink Filespaces

Combining the best of both worlds: Zero-risk enterprise-class, object storage with a streamable, scalable, distributed file service made for edge-to-cloud, cloud-to-cloud and hybrid workloads.

LucidLink's radically scalable file system as a service for Zadara object storage turns storage on its head.

You'll never need another storage solution again.

Zadara + LucidLink Overview

Consumption of object storage continues to grow at an accelerated rate, fueled by the number of workloads finding a home in cloud environments and the huge amount of data coming from the adoption of DevOps processes, IoT and AI.

Object storage is an obvious choice. But, what's the best way to consume object storage for specific use cases? If you're looking for the simplicity of cloud object storage, combined with the security and flexibility of private storage, look no further than a combined Zadara + LucidLink solution.

Zadara delivers enterprise-class speed, security and scalability, available on premises or in the cloud. A combined solution with LucidLink allows users and applications to securely access data and files in the same way they are accustomed to, while consuming scale-out object storage on-demand and cost-effectively.

LucidLink Filespaces and Zadara

LucidLink employs concepts borrowed from distributed databases, log-structured file systems and cloud gateways to enable cloud object storage to be used as primary storage; building a cloud-native file system on top of object storage. This is a highly sought-after solution enabling users and applications to connect to the same single namespace exposed as local disk, but backed by object storage.

Challenge

Storage today is siloed, expensive and ages out quickly. Trying to realize the promise of cloud, organizations want to centralize storage, having all users and applications consume a single source of truth, while controlling infrastructure cost.

Solution

A Zadara + LucidLink solution offers a cloud-native, distributed, log-structured file system built on object storage. This allows you to transform operations, reduce complexity and lower cost for seamless production:

- Access LucidLink Filespaces from anywhere, whether in-cloud or on premises, as if it were local disk.
- Get the best of both worlds; adding advanced features to cost-effective, scalable object storage.
- Unify access to object storage for applications and users.
- A single source of truth for container configuration and analytics data.
- Enterprise-class feature set, with end-to-end encryption and snapshot support.

LucidLink Filespaces and Zadara

When using Zadara as a back-end to LucidLink, simple and high-performance access to object storage is possible due to the unique way it emulates block storage. This allows Zadara to become a replacement for on-premises file servers and storage.

File Server Replacement

A combined Zadara + LucidLink solution offers the ability to replace on-premise distributed file shares, network shares, legacy filers and Network Attached Storage (NAS). Ensure encrypted access to data from anywhere, while enjoying the reliability and scalability of cloud. A Zadara + LucidLink solution gives the client both the security needed to ensure data is safe, but also the transparency and control to satisfy many compliance and regulatory requirements.

Distributed Teams, Secure Remote Access from Anywhere

By providing seamless access to data from a single namespace available anywhere, LucidLink solves a lot of problems inherent in distributed teams and virtual desktop workloads. Now you can secure your data, while simultaneously making it highly portable for consumption across multiple devices enabling teams to collaborate on the same projects seamlessly.

LucidLink enables secure, encrypted access to Zadara storage without requiring complex configuration, or virtual private networks, and exposes data simply as if it was local disk on the client side, with advanced features such as caching, prefetching and more. A shared LucidLink Filespace allows users to interact and collaborate in a way that they already understand. A LucidLink + Zadara solution broadens the scope of what is possible with object storage, turning object storage into an incredibly consumable resource.

Zadara + LucidLink

Offering an enterprise-class service, designed to address concerns around flexibility, performance, scalability, and security. Allowing object storage to be used in new ways.
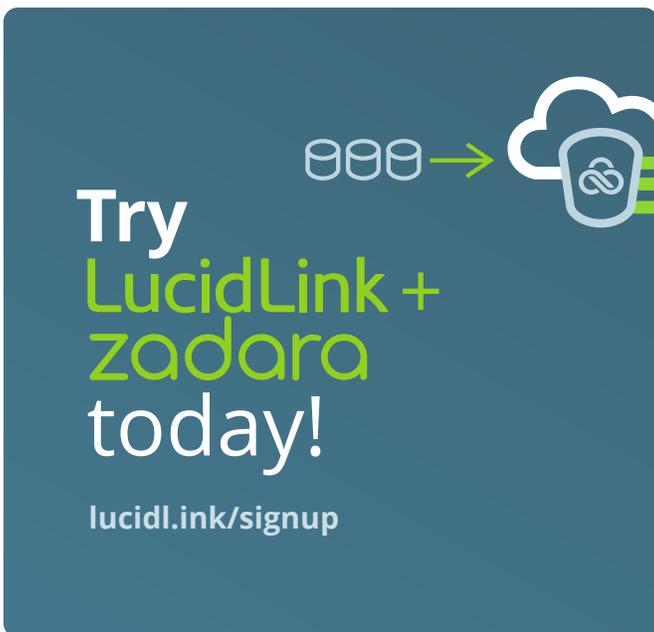
Combining Zadara high- performance drives and storage features such as thin provisioning, snapshots, replication, mirroring and flash-based disk cache, with instant streamable client access through LucidLink provides a best-in-class solution. A powerful, scalable file serving solution - securely accessible from anywhere.

We believe that the combination of file system and storage on demand has the power to fundamentally change the way individuals and businesses consume their data. This ranges from simple data sharing to the consumption of object storage by distributed applications. Zadara and LucidLink are at the forefront of object-based cloud storage solutions.

Splitting the data from the metadata.

LucidLink Filespaces involve a hub and spoke architecture, with a virtually limitless set of clients connected to object storage and a LucidLink Service. All you need to do is provision a Zadara object storage bucket, and LucidLink adds the magic that transforms it into scale-out, and share-able volume.

Separating metadata and file system data allows the Filespace to persist across all connected clients. Files are split into individual blocks, where the metadata provides the index allowing instant access, no matter where your data is located.

Try LucidLink + zadara today!

lucidl.ink/signup

Limitless file system as a service for object storage accessible from anywhere.

- **Instant access**
- **Complete control**
- **Single namespace**
- **Limitless scale**
- **Snapshot support**
- **Multi-OS support**

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