

Hybrid Cloud Storage-as-a-Service at the Edge with Instant Data Recovery and Multi-Site Data Availability

Problem

Today's enterprise businesses in nearly every industry rely on data as a competitive advantage and source of revenue. And yet, most of them are not prepared for Disaster Recovery (DR):

- » Can't ensure fast recovery after a disruption, such as disaster or ransomware attack
- » DR implementation still requires reverting to backup & restore processes, which can take hours or weeks
- » DR to the cloud sounds good, but doesn't mitigate risks:
 - Security
 - Unpredictable egress fees
 - Latency
 - Data portability/access costs

Solution

ClearSky Data provides a fundamentally different architecture for multi-site DR that leverages cloud storage-as-a-service at the edge with on-demand primary storage, built-in offsite backup and DR as a single service, delivering:

- » Highest levels of resiliency for mission-critical environments that require the lowest recovery points: RPO = 0 and RTO = <10-15 minutes
- » Greater scalability, which allows for the protection of every single VM for DR
- » Access to primary, backup and DR data in one service
- » Complete data mobility across multiple clouds for DR
- » On-demand elastic capacity to scale up and down, and only pay for what you use
- » Guaranteed high availability and simplified management
- » Flash performance with automatic data protection and enterprise grade security
- » Air-gapped ransomware protection with unlimited onsite/offsite snapshots
- » Low latency and high-performance access to data
- » Certified security and encryption policies
- » Guaranteed 99.999% data durability and uptime

Active/Active Without Complexity

Active/Active service architecture ensures critical data is not lost. Rest assured that, should your production site fail, your DRaaS site can automatically re-direct access to your durable data with no downtime. Synchronous primary writes to cloud.

Simplified Multi-Site Availability

Always on RPO of zero and RTO <10-15 minutes. Complete data mobility across multiple sites and clouds for DR. Multiple data access points without replication. App level migration between physical and virtual data centers.

Decreased Footprint and Reduced Storage Costs

Keep durable copy of data with redundancy while paying for one copy of data. Built-in private lines between sites eliminate WAN costs and the need for expensive network optimization tools. Eliminate secondary storage infrastructure. No backup or replication licenses. No cloud egress fees. Reduced TCO of more than 50%.

With our solution, you can:



Get the performance of on prem storage and the economics and scale of the cloud



Eliminate data replication, management and costs



Ensure critical data is not lost



Make data available from distributed locations



Pay for a single copy of data and access it anywhere