BlackPearl S3

SPECTRA®

Hybrid Cloud Object Storage that seamlessly extends to tape

Spectra Logic's BlackPearl® S3 hybrid cloud storage delivers far more than ordinary object storage platforms. It's a versatile solution to create tiers of on-prem object-based flash, disk & tape that extend to the cloud, delivering an ideal blend of performance, cost-effectiveness and scalability for all your secondary storage workloads.

Cloud Integration

- 100% compatible with Amazon S3 & S3 Glacier
- Policy-based data movement across on-prem and cloud
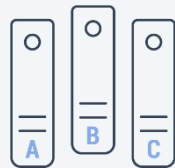- Optimized for storing large, unstructured datasets

Protection

- Multi-factor authentication
- Object Lock immutability
- Encryption in-flight and at-rest
- Physical air-gap when extended to tape

Flexibility

- Configurable flash and disk architecture that seamlessly extends to tape
- Object-based disk scales up to 20 petabytes (PB) of raw storage in a single rack
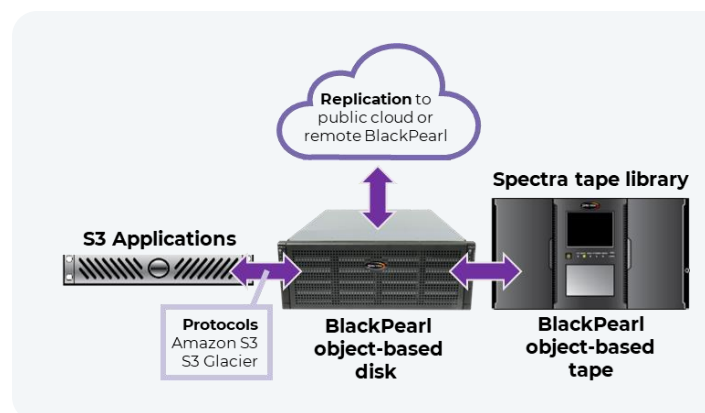
Multiple Use Cases

- Backup
- Disaster Recovery
- Active & Long-Term Archive
- Media & Entertainment Content Archival

The BlackPearl S3 Difference

BlackPearl S3 delivers the long-term retention functionality of cold storage in the cloud with the advantages of on-prem performance.

Object-based disk provides instant retrieval of near-term data, while a native interface to object-based tape provides a deep archive tier of storage for exabytes of secondary data retention.

Lower the cost of Object Storage

Bring the high cost of cloud storage down to earth

Benefits of BlackPearl S3 Hybrid Cloud Object Storage

S3-Compatible Storage

Configure your storage to match your needs with S3 Infrequent Access & Glacier storage tiers, providing cost-efficient flexibility.

Cost-Effective Data Management

Optimize budgets by storing large, unstructured datasets at a fraction of the cost compared to public cloud storage, ensuring data is both secure and affordable.

Data Immutability

Maximize your security posture with multi-factor authentication and Object Lock (WORM), ensuring your data remains impervious to unauthorized modification or deletion, offering robust ransomware resiliency.

Data Control & Compliance

Gain full control over your data, allowing you to secure, maintain and manage sensitive information or proprietary data within your physical infrastructure.

Complete Data Security

Encryption at rest and in-flight, ensuring that sensitive information is safe from unauthorized access, providing peace of mind for your business and customers.

Seamless Data Redundancy

Ensure data access and availability with seamless redundancy via policy-based local and multi-site replication, enhancing disaster recovery capabilities and minimizing downtime in case of local disruptions.

On-Prem Performance with Massive Scalability

Realize future-proof storage by combining on-premises performance with affordable, efficient scale-up expansion to petabytes of disk and exabytes of tape.

Flexible, Optimized Deployment Options

Spectra Logic offers the BlackPearl as a choice of 2U & 4U models with hardware options and multiple expansion chassis to meet different performance and capacity needs.

The BlackPearl product family enables the most optimized, efficient placement of data with All-flash and Hybrid disk/flash configurations.

Maintain full access and control over your data, with an enhanced Active-Standby availability architecture that minimizes downtime and maximizes reliability.

About Spectra Logic Corporation

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