



Object-Based Tape
Spectra Solutions for Hybrid Cloud S3 Disk & Tape Storage

Spectra Object-Based Tape solutions offer organizations a range of options for cost-effective data storage. As organizations consider how they utilize the cloud for backup and archive, a hybrid strategy is emerging as the most cost-effective, secure, and efficient solution. Compatible with Standard S3 and Amazon S3 Glacier, you can easily create a secure on-prem storage infrastructure.

Cloud Integration

- 100% compatible with Amazon S3 & S3 Glacier
- CloudFormation enables you to provision access to any data, by any user, from any location
- Multi-cloud data management facilitates easy data migration

Security

- Immutable storage and office apps to protect your data against ransomware and data loss
- Encrypts data at rest and in flight, ensuring unrestricted access or exposure
- Multi-factor access controls and data to provide secure access on the same storage

Lifecycle Management

- Policy-based data optimization facilitates archiving, retention, expiration, and compliance
- Automated data alignment across data on tape allows data for rapid retrieval and then can move data to lower-cost tiers for more cost-effective long-term retention

On-Prem Cloud Storage

- Object-based disk provides instant retrieval of otherwise archived data with the flexibility of on-premise storage
- Object-based tape provides a deep archive tier of storage for long-term data retention and expands to multiple media types of storage

Spectra Object-Based Tape Solution Advantages

| Cost Analysis | Amazon S3 Glacier | Spectra Object-Based Tape | Storage Class | Amazon S3 Glacier | Spectra Object-Based Tape |
|-------------------------|-------------------|---------------------------|--------------------|-------------------|---------------------------|
| Acquisition Cost | Low | Medium | Instant Retrieval | MilliSeconds | MilliSeconds |
| Retrieval Fees (per TB) | High | None | Flexible Retrieval | Minutes to Hours | Minutes |
| Bandwidth Cost | Yes | None | Deep Archive | Hours to Days | Minutes |
| Unspecified Costs | Yes | None | | | |

Object-Based Tape

Spectra Solutions for Hybrid Cloud S3 Disk & Tape Storage

Thank you for downloading this Spectra Logic solutions brief. Carahsoft is the government solutions provider for Spectra Logic cybersecurity solutions available via GSA 2GIT, NASA SEWP V, NASPO ValuePoint, The Quilt, and other contract vehicles.

To learn how to take the next step toward acquiring Spectra Logic's solutions, please check out the following resources and information:



For additional resources:
carah.io/SpectraResources



For upcoming events:
carah.io/SpectraEvents



For additional Commvault solutions:
carah.io/SpectraSolutions



For additional cyber solutions:
carah.io/Cybersecurity



To set up a meeting:
SpectraLogic@carahsoft.com
888-662-2724



To purchase, check out the contract vehicles available for procurement:
carah.io/SpectraContracts

For more information, contact Carahsoft or our reseller partners:
SpectraLogic@carahsoft.com | 888-662-2724



Object-Based Tape

Spectra Solutions for Hybrid Cloud S3 Disk & Tape Storage

Spectra Object-Based Tape solutions offer organizations a range of options for cost-effective data storage. As organizations consider how they utilize the cloud for backup and archive, a hybrid strategy is emerging as the most cost-effective, secure, and efficient solution. Compatible with Standard S3 and Amazon S3 Glacier, you can easily create a secure on-prem storage infrastructure.

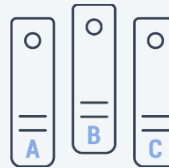


Cloud Integration



- 100% compatible with Amazon S3 & S3 Glacier
- Global Namespace enables you to provide access to any data, by any user, from any location
- Multi-cloud data management facilitates easy data migrations

Security



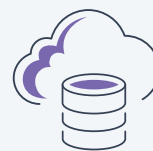
- Immutable storage and offsite air gap to protect your data against ransomware and data loss
- Encrypts data at rest and in flight, eliminating unintended access or exposure
- Multi-Tenancy isolates workloads and data to provide secure access on the same storage

Lifecycle Management



- Policy-based data optimization: locations, redundancy, retention, expiration, synchronization
- Automated data placement stores data on faster access tiers for rapid RTO/RPO and then can move data to lower-cost tiers for more cost-effective long-term retention

On-Prem Cloud Storage



- Object-based disk provides instant retrieval of infrequently accessed data with the flexibility of on-premises storage
- Object-based tape provides a deep archive tier of storage for long-term data retention and expands to multiple exabytes of storage

Spectra Object-Based Tape Solution Advantages

| Cost Analysis | Amazon S3 Glacier | Spectra Object-Based Tape | Storage Class | Amazon S3 Glacier | Spectra Object-Based Tape |
|-------------------------|-------------------|---------------------------|--------------------|-------------------|---------------------------|
| Acquisition Cost | Low | Medium | Instant Retrieval | Milliseconds | Milliseconds |
| Retrieval Fees (egress) | High | None | Flexible Retrieval | Minutes to Hours | Minutes |
| Bandwidth Cost | Yes | None | Deep Archive | Hours to Days | Minutes |
| Unexpected Costs | Yes | None | | | |

Object-Based Tape Features & Benefits

The Spectra Object-Based Tape solution architecture was built from the ground up to maximize the business value of cold data for customers. The Spectra team recognized early on that with the advent of the hybrid cloud data center, a new storage architecture was required to take full advantage of what on-premises tape can do for customer applications while managing storage resources and where their data should reside for optimal benefit and value.

Preserve

- Hybrid cloud architecture makes it easy to manage and migrate workloads between on-premises and cloud environments
- Select the most cost-effective archive tier by optimizing location, access time, cost and power consumption
- Maximize data access and availability with replication across multiple sites or devices, and an active/standby node configuration.

Protect

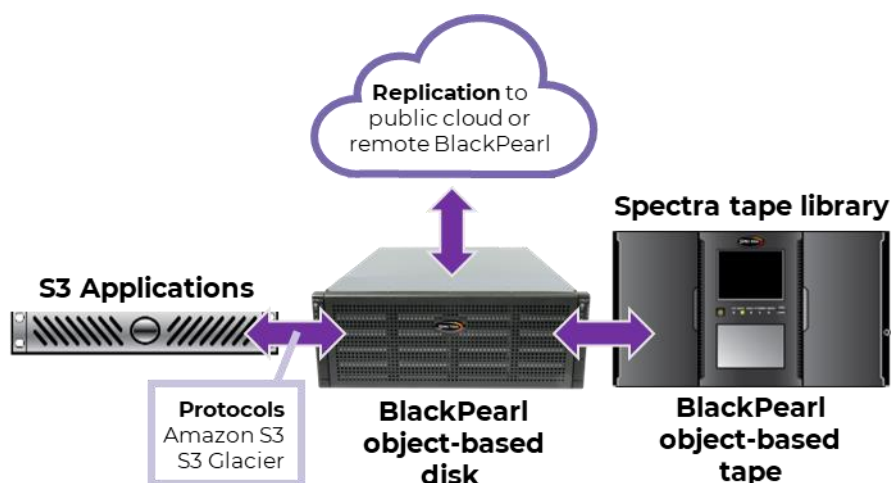
- Ensure your data's integrity and resilience against ransomware with immutability by object lock and physical air-gaping.
- Safeguard your data from unauthorized access, accidental deletions and cyber threats with multi-factor authentication, self-encrypting disks and native tape drive encryption.

Defend

- Achieve significant cost savings and lower TCO when compared to storing data at scale in the public cloud, with more options while eliminating concerns about surprise fees.

at Scale

- Realize efficient scale-up expansion by combining high performance with affordability.
- Easily accommodate usable flash and disk storage into the petabytes and tape storage into the exabytes.



About Spectra Logic Corporation

Dedicated solely to data storage innovation for more than 40 years, Spectra Logic helps organizations modernize their IT infrastructures and protect and preserve their data with a broad portfolio of solutions that enable them to manage, migrate, store and preserve business data long-term, along with features to make them ransomware resilient, whether on-premises, in a single cloud, across multiple clouds, or in all locations at once.

© Spectra Logic. All trademarks and registered trademarks are properties of their respective owners.
Toll Free: 800-833-1132 • 303-449-6400 • 6285 Lookout Road • Boulder, CO 80301 USA