JioCloud

Archive Storage

Cut Archive Costs—Secure, Compliant, Scalable

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Retain infrequently accessed data long term with JioCloud Archival Storage — lowest cost per GB, built-in immutability, and seamless growth to petabytes.

The Challenge

- Storing data for years without driving up costs is difficult when most of it is rarely accessed.
- Regulations demand immutability and strict retention policies that standard storage doesn't always provide.
- Archived data must remain secure but still accessible whenever needed.
- Organisations need confidence that information kept for decades will stay durable and verifiable.

The JioCloud Solution

JioCloud Archival Storage is built to give enterprises a safe, low-cost way to retain data for the long term. It's ideal for information that must be preserved but is only occasionally accessed — from compliance documents and medical records to backups and large research datasets.

Because it is fully S3-compatible, JioCloud Archival Storage drops straight into existing tools and workflows. Features such as Object Lock, lifecycle policies, encryption, and optional regional replication make it simple to keep data secure, immutable if required, and always available when needed - without overspending.

Key Features

- **S3 compatibility**
  Use familiar APIs and tools to store and retrieve archived data.
- **Object lock (WORM)**
  Enforce write-once-read-many policies to meet strict compliance rules.
- **Encryption at rest**
  Protect stored data with industry-standard AES encryption.
- **Encryption in transit**
  Secure data transfers end to end with TLS protocols.
- **Geo-redundant replication**
  Enable optional multi-region replication for added durability.
- **Audit-ready storage**
  Track versioning, access logs, and compliance status for full visibility.

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What You Gain

- **Lower cost per GB**
  Includes ability to charge the requester for data retrieval costs.
- **Compliance-ready retention**
  Meet legal, financial, and healthcare mandates with Object Lock and audit trails.
- **Secure and immutable**
  Protect sensitive information with encryption and access controls, plus immutability options.
- **Scalable for the future**
  Expand from terabytes to petabytes seamlessly as your archive grows.

Use Cases in Action

Financial services

Keep transactional data safely stored for 7-10 years so audits are never a scramble.

Healthcare

Preserve patient records and imaging files with long-term immutability built in.

Public sector and legal

Hold sensitive documents and backup snapshots for as long as policies demand.

Media and publishing

Keep historical footage and archives handy for reuse whenever needed.

Who It's For

For **IT infrastructure teams,** it takes the pain out of managing cold data and tiered storage.

For **Compliance and risk managers,** it's a simple way to meet industry retention rules without adding overhead.

For **Backup and recovery architects,** it offers a reliable home for long-term snapshots at the lowest cost.

For **Data managers and analysts,** it keeps raw datasets safe yet accessible for future AI and analytics work.

Why JioCloud

Backed by **local, trusted infrastructure**, JioCloud runs on a secure backbone with in-country support.

With **easy integration**, you can plug it into existing S3 tools and workflows - no learning curve required.

It delivers the **lowest total cost of ownership**, with ultra-low storage costs per GB and flexible retrieval options.

Security and compliance are **built in from the start** - encryption, Object Lock, and detailed audit logging keep you aligned with the strictest regulations.

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Ready for Cost-Effective Archival That Meets Compliance?

Reach out at jpl.cloudsales@ril.com or visit (website) to get started with JioCloud Archival Storage.