



Object Storage

Scale Without Limits - Store, Secure,
Simplify JioCloud Object Storage

Mitigate storage costs, secure data across environments, and automate retention with durable object storage built for enterprise growth.

The Challenge

- **Unstructured data, growing fast**
From backups to media libraries, enterprise data is exploding and without scalable storage, costs spike, and performance drops.
- **Fragmented storage, limited visibility**
With data scattered across Cloud, on-premises, and edge locations, monitoring your assets, assure compliance, or manage retention becomes nearly impossible
- **Security, resilience, and retention - All non-negotiable**
As regulatory and business demands increase, enterprises need storage that's secure, durable, and policy-driven without adding operational overhead.



The JioCloud Solution

JioCloud Object Storage allows organizations to manage exploding data volumes leveraging durable, S3-compatible and policy-driven storage optimized for scale. However, if you are archiving financial documents, serving streamed videos, or running analytics on petabytes of data, JioCloud supports cost-effective and secure storage, with no trade-offs.

You get encryption, versioning, object lock, replication, and automated lifecycle rules - all from one interface. Because we are S3-compatible, moving your data and already built integrations can happen with little to no impact to your existing applications or workflow. Data stays resilient, compliant, and accessible - no matter how fast your business grows.



Key Features

- **S3-compatible interface**
Use existing tools and SDKs - no need to refactor code or switch ecosystems.
- **Object versioning**
Automatically preserve, track, and restore previous versions of your data.
- **Object lock**
Make data tamper-proof with write-once-read-many (WORM) protections.
- **Cross-region replication**
Keep data available and resilient with automatic replication across geographies.
- **Built-in encryption**
Protect data at rest and in transit with enterprise-grade encryption.
- **Policy-based lifecycle management**
Automate data retention, or deletion with customizable rules.

What You Gain

■ Scale without limits

Store anything - from gigabytes to petabytes - without infrastructure bottlenecks.

■ Cut storage costs

Automatically tier and expire unused data with lifecycle policies that optimize spend.

■ Durable by design

Automatically replicated across regions for high availability - no manual backups needed.

■ Stronger compliance and governance

Keep audit trails, enforce retention, and lock critical data to meet regulatory mandates.

■ Simple integration, instant access

REST APIs, SDKs, and S3 compatibility make it easy for developers and admins to connect.



Use Cases in Action

Data backup and long-term archival

Store years of business-critical data with durability and minimal cost - no tapes or manual processes.

Media storage and delivery

Serve videos, images, and documents to millions of users with low latency and high reliability.

Healthcare and regulated industries

Store medical records and logs securely with retention enforcement and object lock.

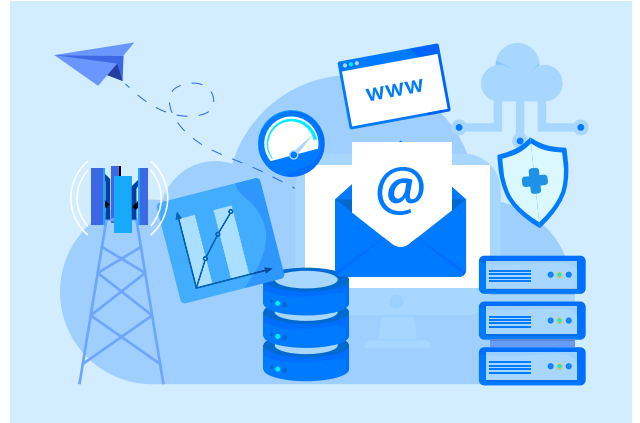
Big data analytics

Keep massive datasets ready for batch jobs, machine learning, and real-time insights.

Top Applications

Perfect for teams and industries dealing with massive, unstructured data:

- Media and Entertainment
- Healthcare and Life Sciences
- BFSI and Regulated Enterprises
- Government and Public Sector
- E-Commerce and SaaS Platforms
- Cloud-Native Teams and Data Engineers



Who It's For



- Cloud Architects and Infrastructure Admins
- Data Engineers and App Developers
- IT Compliance and Security Teams
- Backup and Disaster Recovery Owners
- CIOs and Enterprise Storage Planners

Why JioCloud

- **S3-compatible, future-ready**

Migrate with ease, integrate with existing tools, and build modern apps faster.

- **No hidden limits**

Scale up storage on demand - with pricing that supports predictable growth.

- **Built for resilience**

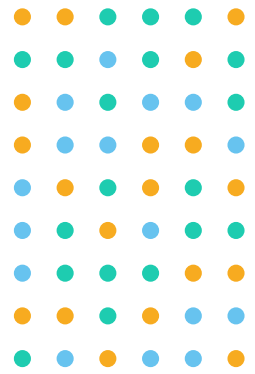
Multi-region replication and 11-nines durability ensure data is always safe.

- **Security and compliance by design**

Encryption, object lock, audit trails, and lifecycle policies - built-in and ready to go.

- **Deployed in India, supported locally**

Fully aligned with MeitY, CERT-In, and regulatory mandates - with support teams on the ground.



Ready to Scale Without Limits?

Optimize your storage, reduce costs, and protect data with JioCloud Object Storage. Reach out at jpl.cloudsales@ril.com or visit [\(website\)](#) to see how we can support your data growth securely and efficiently.

