JioCloud

File Storage

Secure File Sharing That Scales with You

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Simplify collaboration, protect sensitive data, and scale effortlessly with JioCloud File Storage built for hybrid workloads.

The Challenge

- **Scattered files and slower teams**
  When workloads span across clouds, data centers, and containers, file sharing gets chaotic. Inconsistent access methods, manual permissions, and fragmented tools slow collaboration and increase risk.

- **Security gaps and compliance stress**
  Managing file access securely across systems, users, and teams isn't easy. Without fine-grained controls and integrated backups, it's hard to stay compliant and prepare for audits.

- **Storage that doesn't scale with you**
  Growing data needs demand more than just raw space. Without flexible provisioning and reliable performance, teams face disruption, overprovisioning, or both.

The JioCloud Solution

JioCloud File Storage gives your teams a centralized, secure place to store and share files - no matter where they work. Built on POSIX-compliant file systems with full support for NFS and SMB, it lets your Linux and Windows workloads access files consistently across environments.

You get fine-grained user based access control, so the right people get the right access. Snapshots and automated backups protect your data without manual effort, while replication keeps it safe - even during disasters.

And with elastic scalability and high throughput built in, you can support everything from everyday file sharing to media-heavy workloads, all on one reliable platform.

Key Features

- **File sharing**
  Access files securely through NFS and SMB - across Linux, Unix, and Windows systems.

- **Enterprise access control**
  Use POSIX permissions and directory integrations to enforce access policies across users and

- **Role-based management**
  Simplify admin tasks with RBAC for provisioning, monitoring, and configuration.

- **Disaster recovery replication**
  Auto replicate data to secondary sites for built-in business continuity.

- **Snapshot support**
  Create instant, space-efficient snapshots for backup, recovery, and versioning.

- **Encrypted at rest**
  Keep data secure with built-in encryption that meets enterprise and regulatory standards.

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What You Gain

- **Secure collaboration across workloads**
  Enable seamless file sharing across virtual machines, containers, and apps - without compromising security.

- **One interface, zero complexity**
  Manage shares, permissions, backups, and DR - all from a unified console.

- **Scale when you need to**
  Expand storage in increments - without downtime or disruption.

- **Always-on protection**
  Recover from failures, deletions, or ransomware with automated backups, snapshots, and replication.

- **Compliance made simple**
  Enforce tight access policies and meet governance standards with audit-ready visibility.

- **High throughput, low latency**
  Power performance-heavy workloads with consistently reliable access.

Use Cases in Action

A media team shares high-res videos across VMs and cloud-based editors, accessing files via SMB/NFS. Hourly snapshots and replication ensure no data loss or delays.

A healthcare provider stores sensitive records with user-level access policies. Data is encrypted and backed up automatically.

A DevOps team mounts file shares into containers running CI/CD pipelines - scaling storage as workloads grow.

Ideal Fort

DevOps and platform teams
Needing shared file systems for containers and CI/CD.

Sysadmins and DBAs
Managing secure, shared data across distributed infrastructure.

Security officers and compliance heads
Focused on encryption, DR, and regulatory

Why JioCloud

Integrated with JioCloud ecosystem
Runs seamlessly alongside your compute, Kubernetes, and observability services.
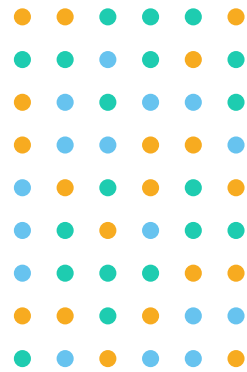
Enterprise-grade security
Encryption, RBAC, AD/LDAP support - it's all built in.

Support that's always local
Backed by JioCloud experts who understand Indian enterprise needs.

Transparent, scalable pricing
Grow on demand with flexible provisioning and clear cost visibility.

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Ready to simplify your file sharing?

Reach out at **jpl.cloudsales@ril.com** or visit **(website)** to explore how JioCloud File Storage can make collaboration simpler - and safer.