



Managed Redis

Real-Time Speed, Zero Ops —
with Fully Managed Redis from JioCloud

Run fast, scalable applications using Redis, with JioCloud handling all the ops — from provisioning to scaling — so you can focus on innovation.

The Challenge

- Apps today demand sub-millisecond response times at scale — a bar that traditional databases can't always meet.
- Provisioning, scaling, and securing Redis clusters require deep expertise — and a considerable time.
- Sharding and partitioning data manually across nodes is complex and risky — slowing teams down.



The JioCloud Solution

JioCloud Redis gives you the performance of in-memory data with the simplicity of a managed service. You get dedicated Redis clusters — pre-configured for high availability, automatic sharding, and secure access.

No need to configure clustering, manage failovers, or script backups yourself. JioCloud handles all of it — so your teams can move faster, scale effortlessly, and trust Redis to stay resilient behind the scenes.

Key Features

- **Managed redis clusters**
Launch production-ready clusters in minutes — no manual setup or maintenance.
- **Automatic sharding**
Distribute data across shards for elastic scaling without rearchitecting.
- **Sub-millisecond latency**
In-memory architecture supports real-time access at scale.
- **Built-In high availability**
Replica nodes and automatic failover across zones ensure uptime.
- **Data persistence and backup**
Durable storage with snapshot-based recovery options.
- **Secure by design**
TLS encryption, IP whitelisting, and access controls safeguard your workloads.
- **Live monitoring and dashboards**
Track memory usage, key eviction, and throughput in real time.
- **Elastic scaling**
Add memory and nodes with zero disruption to your app.

What You Gain

- **Fast, reliable performance**
Power real-time use cases with lightning-fast access and built-in resilience.
- **Operational ease**
No need to manage nodes, replication, or failover — it's handled for you.
- **Seamless Growth**
Scale Redis clusters on demand as your data or traffic increases.
- **Enterprise-grade confidence**
Backed by JioCloud's SLAs, in-region hosting, and compliance-ready security.



Use Cases in Action

Application caching

Speed up dynamic content delivery and reduce database load.

Session state management

Handle millions of concurrent sessions with low latency and durability.

Real-time leaderboards

Drive scoring and voting systems with instant updates.

Telemetry and stream buffering

Ingest and serve event data at scale with in-memory speed.

AI/ML feature stores

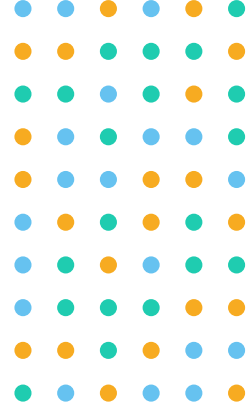
Feed inference pipelines with real-time data from memory.

Who It's For

- **Developers and app owners** - Deliver fast, responsive applications without backend delays.
- **Cloud architects and CTOs** - Modernise infrastructure with a scalable, managed Redis layer.
- **DevOps and platform engineers** - Automate scaling, backups, and observability with zero cluster headaches.
- **Data and analytics teams** - Enable low-latency dashboards and event pipelines.

Why JioCloud

- Fully managed Redis clusters with sharding, backups, and configurable failover built-in
- No shared tenancy - each instance runs in a secure environment
- Hosted in India for full data residency and regulatory compliance
- Backed by enterprise-grade SLAs and 24/7 support



Ready for Redis Without the operational headache?

Reach us at jpl.cloudsales@ril.com or visit (website) to start using Redis.

