



JioCloud



# Managed Redis

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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

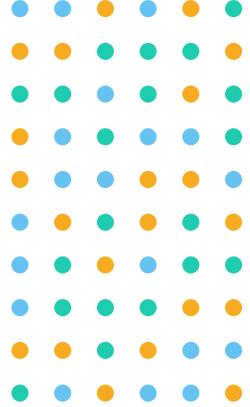
Feed inference pipelines with real-time data from memory.

## 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](mailto:jpl.cloudsales@ril.com) or visit [\(website\)](#) to start using Redis.

