



Managed MongoDB

Deploy MongoDB with Full Control - for Performance, Scale,
and Compliance

Provision MongoDB clusters on JioCloud infrastructure — with complete customisation, high availability, and no shared tenancy.

The Challenge

- Managing MongoDB at scale demands time, tuning, and skilled resources — especially for backup, patching, and version control.
- Shared database services limit how much teams can configure for compliance, security, or performance.
- Enterprises need control over versions, deployment architecture, and scaling - without sacrificing reliability.



The JioCloud Solution

JioCloud MongoDB gives you a fully controlled MongoDB cluster — deployed on virtual machines you manage, in your own network, with your preferred setup.

You get the flexibility to install your chosen MongoDB version, configure backups, tune infrastructure, and scale on your terms. It's ideal for workloads that need more than an out-of-the-box service — with the power of full infrastructure control and the support of a secure, enterprise-grade cloud.

Key Features

- **Dedicated MongoDB clusters**
Launch deployments — with complete control over CPU, memory, storage, and network settings.
- **Self-managed backup and recovery**
Create snapshot-based, incremental, or external backups - as aligned to your data protection policies.
- **Version and OS flexibility**
Run any compatible MongoDB version and OS configuration to match legacy apps or performance needs.
- **Replica sets and failover support**
Configure high availability using MongoDB's native replication and failover mechanisms.
- **Scalable node architecture**
Complete control on scaling vertically or horizontally to match data growth, transaction volumes, or read/write loads.

What You Gain

- **Full infrastructure control**
Build, scale, and tune your MongoDB deployment exactly how your workloads demand.
- **High performance at enterprise scale**
Optimize memory, and storage for low-latency transactions and high throughput.
- **Compliance without constraints**
Choose data center in line with your setup, enforce policies, and meet regulatory needs with full visibility.
- **Cost transparency and predictability**
Pay only for the compute and storage you use - with no licensing markups or hidden fees.



Use Cases in Action

Custom MongoDB workloads

Run legacy versions, custom plugins, or app-specific configs without platform restrictions.

Analytics and real-time insights

Store semi-structured data and enable fast queries for dashboards and data science pipelines.

Regulated industries

Maintain audit trails, access controls, and in-country data processing for compliance - heavy sectors.

E-commerce and retail platforms

Support catalogs, sessions, carts, and inventory - even during flash traffic spikes.

IoT and mobile services

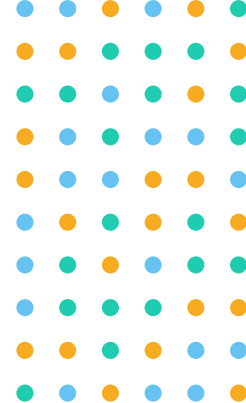
Handle high velocity read/write operations from distributed edge devices or global apps.

Who It's For

- **Infrastructure architects and CTOs** - Looking for flexible cloud-native database infrastructure.
- **DBAs and data engineers** - Needing full access to tune, patch, and monitor MongoDB.
- **DevOps and platform teams** - Automating database provisioning into broader CI/CD flows.
- **Security and compliance leads** - Enforcing custom controls and meeting data mandates.

Why JioCloud

- **No shared tenancy** - Each deployment is fully isolated and under your control.
- **Built in India, servicable to all** - Hosted in-region with low-latency zones and regulatory alignment.
- **Enterprise-grade SLAs** - Backed by 24x7 support, uptime guarantees, and performance tuning help.
- **Seamless integration** - Compatible with existing JioCloud VPC, monitoring, and identity tools.



Ready to Deploy MongoDB on Your Terms?

Reach us at jpl.cloudsales@ril.com or visit (website) to get started with JioCloud MongoDB.

