Managed MongoDB

Simplify MongoDB operations with Charmed MongoDB

Free up time to focus on building applications and business development rather than maintaining your database. Get automation, enterprise-grade security, scalability, availability, monitoring, and support from trusted experts at Canonical with our Managed MongoDB service.

We manage MongoDB for you

We mind your ops, you mind your business

Streamline the otherwise time-consuming operational service delivery of high-volume, data-intensive applications by offloading your MongoDB production environment's design, implementation and management to Canonical experts.
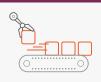
Key benefits

- Access to market-leading technological expertise

- Enterprise-grade security and compliance

- 24/7 monitoring and incident resolution included with Ubuntu Pro

- Significant reductions in CAPEX

- Ingrained observability

- Use the enterprise Charmed MongoDB by Canonical

Our Process

Our Managed Solutions process is easy and intuitive. You'll initially be consulted by our specialists to design the best managed solution for your needs. Afterwards, it's all on us:

DEPLOYMENT

Specialised Canonical engineers deploy your requiered architecture sustainably and efficiently

MANAGEMENT

Our team manages all your 'day 2' operartions, from observability to upgrades. We handle issues, and consistently re-enforce the security of your environment

OPTIONAL HANDOVER

We are lock-in free, so if after a while you want to start managing your environments by yourself, we can teach you how and give you remote support for high-severity cases

Charmed MongoDB

Charmed MongoDB is at the heart of our Managed MongoDB service. Charmed MongoDB is an enhanced, open source and fully-compatible, drop-in replacement for the MongoDB Community Edition with advanced enterprise features.

Fully supported software packages

24x7x365 support on bug fixing and security patching for Charmed MongoDB for 10 years

Machine and Kubernetes operator

A self-service and automated MongoDB operator that can be used for MongoDB deployment in public and private cloud infrastructure, such as AWS, GCP, Azure, OpenStack, LXD, VMWare and more.

Enhanced capabilities, same foundation

Charmed MongoDB has all the features available in MongoDB Community edition, such as flexible data structure, retryable writes, ACID compliant transactions, native high availability, and easy scalability.

MongoDB advanced features

Charmed MongoDB includes automation of MongoDB deployment, scaling and data backup and restore. It also includes a WiredTiger storage engine

Security

Canonical ensures that MongoDB stays secure by providing patches for Common Vulnerabilities Exposure (CVE). In addition, Charmed MongoDB includes security features such as authentication and authorisation, Transport Layer Security (TLS), user management and password rotation.

Monitoring

Canonical Observability Stack (COS) provides ways to monitor MongoDB deployment to improve application performance. This includes built-in tools, alerts, charts, integrations, and logs.

We offer multiple managed services options and consulting for your MongoDB needs. Contact us about your unique requirements. We are happy to help

Canonical