

Charmed MongoDB

Simplify MongoDB operations.



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.

Charmed MongoDB solutions

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



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.



Fully supported software packages

24x7x365 support on bug fixing and security patching for Charmed MongoDB packaged as a snap, container image and operator.

Charmed MongoDB features

MongoDB community edition

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.

Customer journey

Canonical can support you at every stage of your data journey (from Day 0 to Day 2):

Day 0

Design

- **Proof of Concept (PoC)**
We work with you to build a PoC before investing in infrastructure for advanced use cases. This allows you to assess your return on investment carefully.
- **Data Solutions Training**
Train your team to use our Data Fabric solutions, from understanding all features to customisation options, deployment and admin tasks.

Day 1

Deployment

- **Data and/or infrastructure migration**
Migration from one infrastructure or database to the new Canonical MongoDB solution.
- **MongoDB deployment**
Deploy, set up, configure Charmed MongoDB in your production environment using the Charmed MongoDB Machine or Kubernetes operator.

Day 2

Maintenance and support

- **24x7x365 Support and industry-leading SLAs**
Hands-on monitoring and support for your MongoDB application, with guaranteed SLA.
- **Management of MongoDB in the production environment**
Self manage or outsource the life-cycle management of your mission-critical database application to Canonical's experts.

Note: Canonical also offers other data and AI/ML solutions such as Kafka, Spark, OpenSearch, MySQL, PostgreSQL, Kubeflow, MLFlow

Canonical enterprise services

Managed Services

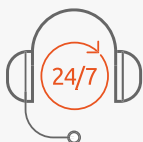
Streamline the otherwise burdensome and time-consuming operational service delivery of high-volume, data-intensive applications by offloading your MongoDB production environment's design, implementation and management to Canonical experts.

Consulting

Canonical offers advisory services on the design and deployment phase to ensure we collaborate and co-create data solutions that fit and solve your use case needs.

Support

Canonical offers 24x7x365 support for your MongoDB application so you remain bug-free and secured in the production environment with our experts' help.



Contact us

Our data products are constantly expanding and improving. [Contact us](#) about your unique requirements. We are happy to assist you!

