

the Master Course

{CODENATION}

MongoDB Atlas

Set-Up Guide

{CODENATION}

MongoDB Atlas

<https://www.mongodb.com/try>



Atlas

MongoDB as a service



On-premises

MongoDB locally



Tools

Boost productivity



Mobile & Edge

Realm Datastore

MongoDB Atlas

Empower your teams to dream big and build fast with MongoDB Atlas, the data platform for modern applications.

Reduce the difficulty out of data. With an intuitive document model and well-designed tools for every data need, Atlas reduces the complexity of data and speeds up development.

Reduce workload with a single, flexible API and architecture. Seamlessly integrate MongoDB Atlas with your stack so you can work with data where it lives. Stop wasting time working around your database.

Automate repetitive (but vital) tasks. Whether it's optimizing costs through data tiering, setting security controls, or scaling to meet demand, dictate the details and leave the housekeeping to MongoDB Atlas.

Secure your data across clouds and continents. Ensure resilience, adhere to data legislation, and improve user experience with globally-distributed, multi-cloud data clusters.

Whether you're at a Fortune 500 company or a scrappy startup, MongoDB Atlas is the right solution for your organization.

8 characters minimum




I agree to the [terms of service](#) and [privacy policy](#).

Get started free



MongoDB Atlas

Database Deployments

 Find a database deployment...



Create a database

Choose your cloud provider, region, and specs.

Build a Database

Once your database is up and running, live migrate an existing MongoDB database into Atlas with our [Live Migration Service](#).

MongoDB Atlas

FREE

Free & Hobby

For teams learning MongoDB or developing small applications.

- ✓ Highly available auto-healing cluster
- ✓ End-to-end encryption
- ✓ Role-based access control

Create

Starting at
FREE

MongoDB Atlas

Cloud Provider & Region



AWS, Ireland (eu-west-1) ▼

★ Recommended region ⓘ

NORTH AMERICA

🇺🇸 N. Virginia (us-east-1) ★

🇺🇸 Oregon (us-west-2) ★

EUROPE

🇸🇪 Stockholm (eu-north-1) ★

🇩🇪 Frankfurt (eu-central-1) ★

🇮🇪 Ireland (eu-west-1) ★

MIDDLE EAST

🇧🇭 Bahrain (me-south-1) ★

AUSTRALIA

🇦🇺 Sydney (ap-southeast-2) ★

ASIA

🇮🇳 Mumbai (ap-south-1)

🇸🇬 Singapore (ap-southeast-1) ★

🇯🇵 Tokyo (ap-northeast-1) ★

MongoDB Atlas

Cluster Tier

M0 Sandbox (Shared RAM, 512 MB Storage)
Encrypted



Additional Settings

MongoDB 4.4, No Backup



Cluster Name

Cluster0



FREE

Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

[Back](#)

Create Cluster



MongoDB Atlas

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Database Access

Database Users

Custom Roles



Create a Database User


Set up database users, permissions, and authentication credentials in order to connect to your clusters.

Add New Database User



MongoDB Atlas

Add New Database User

Create a database user to grant an application or user, access to databases and collections in your clusters in this Atlas project. Granular access control can be configured with default privileges or custom roles. You can grant access to an Atlas project or organization using the corresponding [Access Manager](#) 

Authentication Method

Password

Certificate

AWS IAM
(MongoDB 4.4 and up)

MongoDB uses [SCRAM](#) as its default authentication method.

Password Authentication

Andy

test123

HIDE

MongoDB Atlas

test123

HIDE

 Autogenerate Secure Password

 Copy

Database User Privileges

Select a [built-in role](#) or [privileges](#) for this user.

Atlas admin ▼

Restrict Access to Specific Clusters/Data Lakes

Enable to specify the resources this user can access. By default, all resources in this project are accessible.



Temporary User

This user is temporary and will be deleted after your specified duration of 6 hours, 1 day, or 1 week.



Cancel

Add User



MongoDB Atlas

DEVELOPMENT

Databases

Triggers

Data Lake

SECURITY

Database Access

Network Access

Advanced

Network Access

- IP Access List
- Peering
- Private Endpoint



Add an IP address

Configure which IP addresses can access your cluster.

Add IP Address

[Learn more](#)

MongoDB Atlas

Add IP Access List Entry

Atlas only allows client connections to a cluster from entries in the project's IP Access List. Each entry should either be a single IP address or a CIDR-notated range of addresses. [Learn more.](#)

ADD CURRENT IP ADDRESS

ALLOW ACCESS FROM ANYWHERE

Access List Entry:

0.0.0.0/0

Comment:

Optional comment describing this entry



This entry is temporary and will be deleted in

6 hours ▼

Cancel

Confirm