

MongoDB In Cloud folosind Atlas

VÎLCU IUSTIN-ALEXANDRU

Ce este MongoDB?

- Ceea mai cunoscuta baza de date non relationala
- Datele sunt stocate sub forma unor „Documente” (asemanatoare JSON)
- Sunt scalabile, performante, gata sa ofere datele pentru a putea fi consumate

Ce/cine este Atlas?

- Atlas este compania care a dezvoltat MongoDB
- Aceasta ofera atat versiuni gratuite cat si platite pentru a hosta bazele de date

NEW

Announcing the General Availability of the MongoDB AI Applications Program! [Read more >>](#)

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| MONGODB ATLAS

Loved by developers. Built for **Operational Data**

You don't need a separate database to support transactions, rich search, or gen AI. The world's most popular document database is now the world's most versatile developer data platform.

Try Atlas Free

Learn more →

50K+

Customers →

115+

Regions across
AWS, Azure, and
Google Cloud →

175K+

Developers join
every month →

#1

Most used mode
database →

SCROLL FOR MORE

```
db.orders.insert ({
  order_id: '1a2b3c',
  product: 'T-shirt',
  quantity: 7
})

db.stock.update (
  { product: { $eq: 'T-shirt' }
  { $inc: { quantity: 7 } }
```



Snake Plant

1m ago



Ask me anything



DEPLOYMENT

Database

SERVICES

Atlas Search

Stream Processing

Triggers

Migration

Data Federation

SECURITY

Quickstart

Backup

Database Access

Network Access


Advanced

New On Atlas 4

Goto

JUSTIN ALEXANDRU'S ORG > PROJECT 0

Clusters



Create a cluster

Choose your cloud provider, region, and specs.

Build a Cluster

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

Deploy your cluster

Use a template below or set up advanced configuration options. You can also edit these configuration options once the cluster is created.

☐ M10

\$0.09/hour

For production applications with sophisticated workload requirements.

STORAGE
10 GB

RAM
2 GB

vCPU
2 vCPUs

☐ Serverless

For application development and testing, or workloads with variable traffic.

STORAGE
Up to 1 TB

RAM
Auto-scale

vCPU
Auto-scale

☒ M0

Free

For learning and exploring MongoDB in a cloud environment.

STORAGE
512 MB

RAM
Shared

vCPU
Shared

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

Name

You cannot change the name once the cluster is created.

DAW

☒ Automate security setup ⓘ

☒ Preload sample dataset ⓘ

Provider



Region

Frankfurt (eu-central-1) ⬆ ⬆ ⬆

I'll do this later

Go to Advanced Configuration

Create Deployment

✓ How would you like to authenticate your connection?

Your first user will have permission to read and write any data in your project.


Username and Password

Certificate

Create a database user using a username and password. Users will be given the *read and write to any database privilege* by default. You can update these permissions and/or create additional users later. Ensure these credentials are different to your MongoDB Cloud username and password. You can manage existing users via the [Database Access Page](#).

Username

Password 

 Autogenerate Secure Password

 Copy

Create User


Success! Please keep your credentials to connect to your cluster.

Username

Authentication Type

vilcuiustin


Password

 EDIT

 REMOVE

DAW-User

Password

 EDIT

 REMOVE