Mongo DB instance on Google Cloud Platform

https://www.mongodb.com/try

Step 1: Register

Your Company (optional)

Company

How are you using MongoDB?

I'm learning MongoDB

Your Work Email

me@email.com

First Name

MyFirstName

Last Name

MyLastName

Password

....

✔ 8 characters minimum

✔ I agree to the terms of service and privacy policy.

Get started free

Already have an account? **Sign in**.

Step 2: Select JavaScript language

Name your organization and project

Organization
Your organization can be a business, team, or an individual

Company

Project Name
Use projects to isolate different environments (development/testing/production)

Project 0

What is your preferred language?

We'll use this to customize code samples and content we share with you. You can always change this later.

JS JavaScript	C++	C# / .NET	GO Go
Java	C	Perl	PHP
Python	Ruby	Scala	Other

Skip   Continue

Step 3: Select GCP cloud provider

PREVIEW Serverless	Dedicated	FREE **Shared**

For learning and exploring MongoDB in a sandbox environment. Basic configuration controls. ✖

No credit card required to start. Upgrade to dedicated clusters for full functionality.
Explore with sample datasets. Limit of one free cluster per project.

Cloud Provider & Region   GCP, Belgium (europe-west1) ⌄

aws	Google Cloud	Azure

★ Recommended region ⓘ

NORTH AMERICA / SOUTH AMERICA	EUROPE / MIDDLE EAST / AFRICA	ASIA PACIFIC
🇺🇸 **Iowa** (us-central1) ★	🇧🇪 **Belgium** (europe-west1) ★	🇹🇼 **Taiwan** (asia-east1) ★
🇧🇷 **Sao Paulo** (southamerica-east1) ★		🇮🇳 **Mumbai** (asia-south1) ★
		🇸🇬 **Singapore** (asia-southeast1) ★
		🇯🇵 **Tokyo** (asia-northeast1) ★

Cluster Tier   M0 Sandbox (Shared RAM, 512 MB Storage) ›

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**

Step 4: Create a database

Step 5: Connect the application to GCP instance of Mongo

Connect to Cluster0

✔ **Setup connection security** 〉 ✔ **Choose a connection method** 〉 **Connect**

① Select your driver and version

DRIVER | VERSION
Node.js ▾ | 3.7 or later ▾

② Add your connection string into your application code

☐ Include full driver code example

```
mongodb+srv://root:<password>@cluster0.s81s9.mongodb.net/myFirstDatabase?
retryWrites=true&w=majority
```

Replace **<password>** with the password for the **root** user. Replace **myFirstDatabase** with the name of the database that connections will use by default. Ensure any option params are URL encoded.

Having trouble connecting? View our troubleshooting documentation

Go Back   Close

Final step: Add connection string to your express app index.js

```
MONGODB_URI = 'mongodb+srv://akam:reactnode@cluster0.ihlmt.mongodb.net/cinema';
//Connect to MongoDB database
mongoose.connect(MONGODB_URI, { useNewUrlParser: true, useUnifiedTopology: true })
    .then(() => console.log(`Connected to database`))
    .catch(error => console.log(`Could not connect to database: ${error}`));
```