

Περί δημιουργίας Atlas Account και Cluster

1. Χρειάζεται να έχουμε ένα Google account
2. Πηγαίνουμε στο επόμενο link https://account.mongodb.com/account/register?tck=docs_atlas και Sign up with Google

Welcome to Atlas! 🌱

Tell us a few things about yourself and your project.



What is your goal today?

Your answer will help us guide you to successfully getting started with MongoDB Atlas.

- ☐ Learn MongoDB
- ☐ Explore what I can build
- ☐ Build a new application
- ☐ Migrate an existing application

What type of application are you building?

Select...

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.

Select...

3. Επιλέγουμε **Shared (free)**



MONGODB ATLAS

Deploy a cloud database

Experience the best of MongoDB on AWS, Azure, and Google Cloud. Choose a deployment option to get started.

PREVIEW



Serverless

For serverless applications that aren't critical with variable traffic. Minimal configuration required.

- ✓ Pay only for the operations you run
- ✓ Resources scale seamlessly to meet your workload
- ✓ Always-on security and backups

Create

Starting at

\$0.30/1M reads



Dedicated

For production applications with sophisticated workload requirements. Advanced configuration controls.

- ✓ Network isolation and fine-grained access controls
- ✓ On-demand performance advice
- ✓ Multi-region and multi-cloud options available

Create

Starting at

\$0.08/hr*

*estimated cost \$56.94/month

FREE



Shared

For learning and exploring MongoDB in a cloud environment. Basic configuration options.

- ✓ No credit card required to start
- ✓ Explore with sample datasets
- ✓ Upgrade to dedicated clusters for full functionality

Create

Starting at

FREE

4. Δημιουργία του **shared cluster**

Create a Shared Cluster

Welcome to MongoDB Atlas! We've recommended some of our most popular options, but feel free to customize your cluster to your needs. For more information, check our [documentation](#).

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, Iowa (us-central1) ▾



★ Recommended region ⓘ Paid tier region ⓘ

NORTH AMERICA / SOUTH AMERICA

🇧🇷 Sao Paulo (southamerica-east1) ★

🇺🇸 Iowa (us-central1) ★

🇺🇸 N. Virginia (us-east1) ★ ⓘ

🇺🇸 Oregon (us-west1) ★ ⓘ

🇺🇸 Los Angeles (us-west2) ★ ⓘ

🇺🇸 Las Vegas (us-west4) ★ ⓘ

🇺🇸 South Carolina (us-east1) ★ ⓘ

🇺🇸 Salt Lake City (us-west3) ★ ⓘ

🇨🇦 Montreal (northamerica-northeast1) ★ ⓘ

EUROPE / MIDDLE EAST / AFRICA

🇧🇪 Belgium (europe-west1) ★

🇩🇪 Frankfurt (europe-west3) ★ ⓘ

🇨🇭 Zurich (europe-west6) ★ ⓘ

🇫🇮 Finland (europe-north1) ★ ⓘ

🇬🇧 London (europe-west2) ★ ⓘ

🇳🇱 Netherlands (europe-west4) ★ ⓘ

🇵🇱 Warsaw (europe-central2) ★ ⓘ

AUSTRALIA

🇦🇺 Sydney (australia-southeast1) ★ ⓘ

🇦🇺 Melbourne (australia-southeast2) ★ ⓘ

ASIA PACIFIC

🇮🇩 Jakarta (asia-southeast2) ★

🇰🇷 Seoul (asia-northeast3) ★

🇹🇼 Taiwan (asia-east1) ★

🇮🇳 Mumbai (asia-south1) ★

🇸🇬 Singapore (asia-southeast1) ★

🇯🇵 Tokyo (asia-northeast1) ★

🇭🇰 Hong Kong (asia-east2) ★ ⓘ

🇰🇷 Osaka (asia-northeast2) ★ ⓘ

🇮🇳 Delhi (asia-south2) ★ ⓘ

Cluster Tier

M0 Sandbox (Shared RAM, 512 MB Storage) ▾

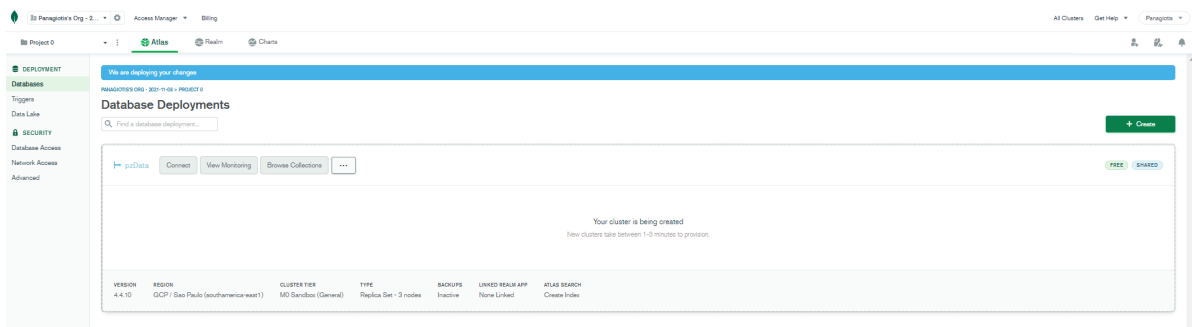
Encrypted

Base hourly rate is for a MongoDB replica set with 3 data bearing servers.

Shared Clusters for development environments and low-traffic applications

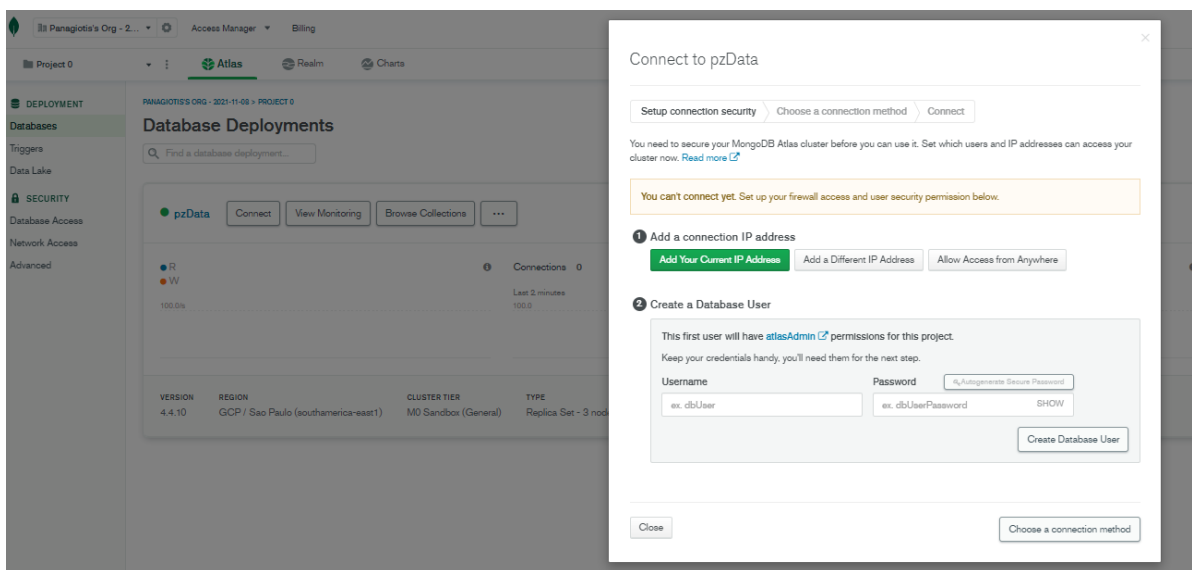
Tier	RAM	Storage	vCPU	Base Price
✓ M0 Sandbox	Shared	512 MB	Shared	Free forever
M0 clusters are best for getting started, and are not suitable for production environments.				
500 max connections Low network performance 100 max databases 500 max collections				
M2	Shared	2 GB	Shared	\$4 / MONTH
M5	Shared	5 GB	Shared	\$25 / MONTH

5. Περιβάλλον διαχείρισης βάσης δεδομένων



Δημιουργία μιας βάσης δεδομένων

Πρέπει να δημιουργήσετε έναν χρήστη βάσης δεδομένων για να αποκτήσετε πρόσβαση στο cluster. Για λόγους ασφαλείας, η Atlas απαιτεί από τους πελάτες να ελέγχουν ταυτότητα ως χρήστες βάσης δεδομένων MongoDB για πρόσβαση σε cluster δημιουργώντας ένα username και password.



Οι χρήστες της βάσης δεδομένων είναι ξεχωριστοί από τους χρήστες του Atlas:

- Οι χρήστες βάσεων δεδομένων μπορούν να έχουν πρόσβαση σε βάσεις δεδομένων που φιλοξενούνται στον Atlas.
- Οι χρήστες του Atlas μπορούν να συνδεθούν στο Atlas αλλά δεν έχουν πρόσβαση στις βάσεις δεδομένων MongoDB.

Διαδικασία

Για να προσθέσετε μια βάση δεδομένων στο cluster σας ακολουθήστε τα παρακάτω βήματα:1

1. Επιλέξτε Connect.

- Επιλέξτε **Databases** στη πάνω αριστερή πλευρά του Atlas.
- Στην όψη **Database Deployments**, επιλέξτε **Connect** για το cluster ή το serverless instance στο οποίο θέλετε να συνδεθείτε.

Στο Atlas dashboard θα πρέπει να συμπληρώσετε το βήμα ασφάλειας - **Setup connection security**.

×

Connect to pzData

Setup connection security

Choose a connection method

Connect

You need to secure your MongoDB Atlas cluster before you can use it. Set which users and IP addresses can access your cluster now. [Read more](#)

You can't connect yet. Set up your user security permission below.

1 Add a connection IP address

✓ An IP address has been added to the IP Access List. Add another address in the [IP Access List tab](#).

2 Create a Database User

This first user will have [atlasAdmin](#) permissions for this project.

Keep your credentials handy, you'll need them for the next step.

Username

dbUser

Password

Autogenerate Secure Password

codecamp1234

HIDE

Create Database User

Close

Choose a connection method

2. Ορισμός του Username** και Password του νέου χρήστη.

Θα χρησιμοποιήσετε αυτόν τον συνδυασμό ονόματος χρήστη και κωδικού πρόσβασης για να παραχωρήσετε σε έναν χρήστη πρόσβαση σε βάσεις δεδομένων και συλλογές του cluster σας σε αυτό το έργο Atlas.

3. Click Create Database User.

Connect to pzData

✓ Setup connection security

Choose a connection method

Connect

Choose a connection method [View documentation](#)

Get your pre-formatted connection string by selecting your tool below.



Connect with the MongoDB Shell

Interact with your cluster using MongoDB's interactive Javascript interface



Connect your application

Connect your application to your cluster using MongoDB's native drivers



Connect using MongoDB Compass

Explore, modify, and visualize your data with MongoDB's GUI



Go Back

Close

Connect to pzData

✓ Setup connection security

✓ Choose a connection method

Connect

1 Select your driver and version

DRIVER

Python

VERSION

3.6 or later

2 Add your connection string into your application code

☐ Include full driver code example

```
mongodb+srv://dbUser:<password>@pzdata.sx6jv.mongodb.net/myFirstDatabase?
retryWrites=true&w=majority
```



Replace **<password>** with the password for the **dbUser** 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

