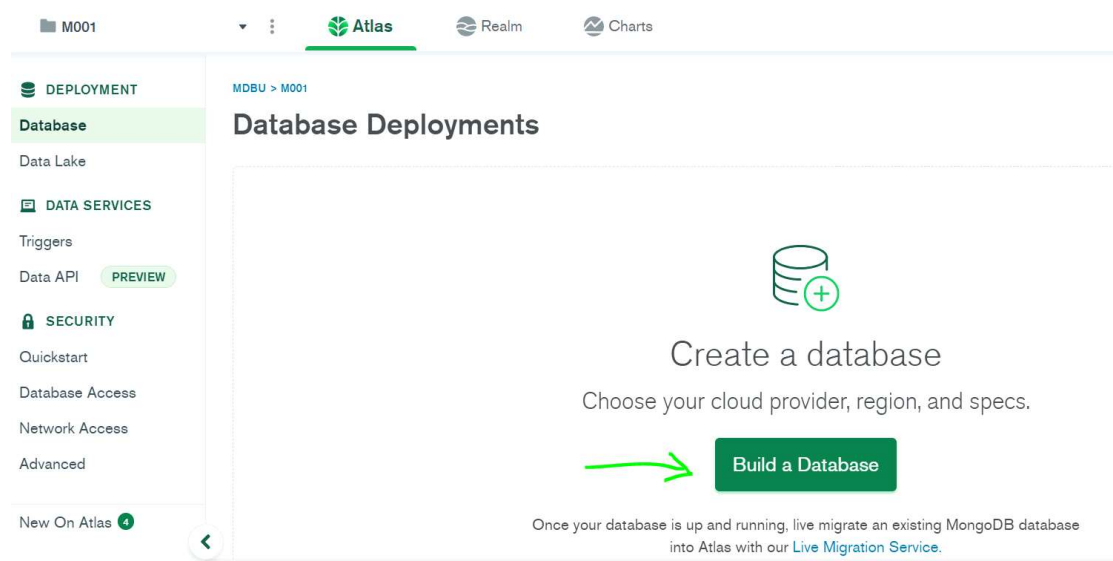


CREAR BASE DE DATOS MONGODB PARA EJECUTAR EL EX24 POR PABLO ROYO

En este pequeño manual se muestran los pasos para poder crear tu propia BD/Cluster en MongoDB y adaptar el proyecto para que funcione con la BD correspondiente.

Una vez creado un proyecto de Mongo, iremos a Database y seleccionaremos la opción "Build a Database".



Posteriormente seleccionaremos la opción "SHARED" la cual es gratuita en la actualidad.

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

ADVANCED

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

Posteriormente seleccionaremos el proveedor de servicio (por defecto AWS) y seleccionaremos la region.



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

AWS, Paris (eu-west-3)

aws

Google Cloud

Azure

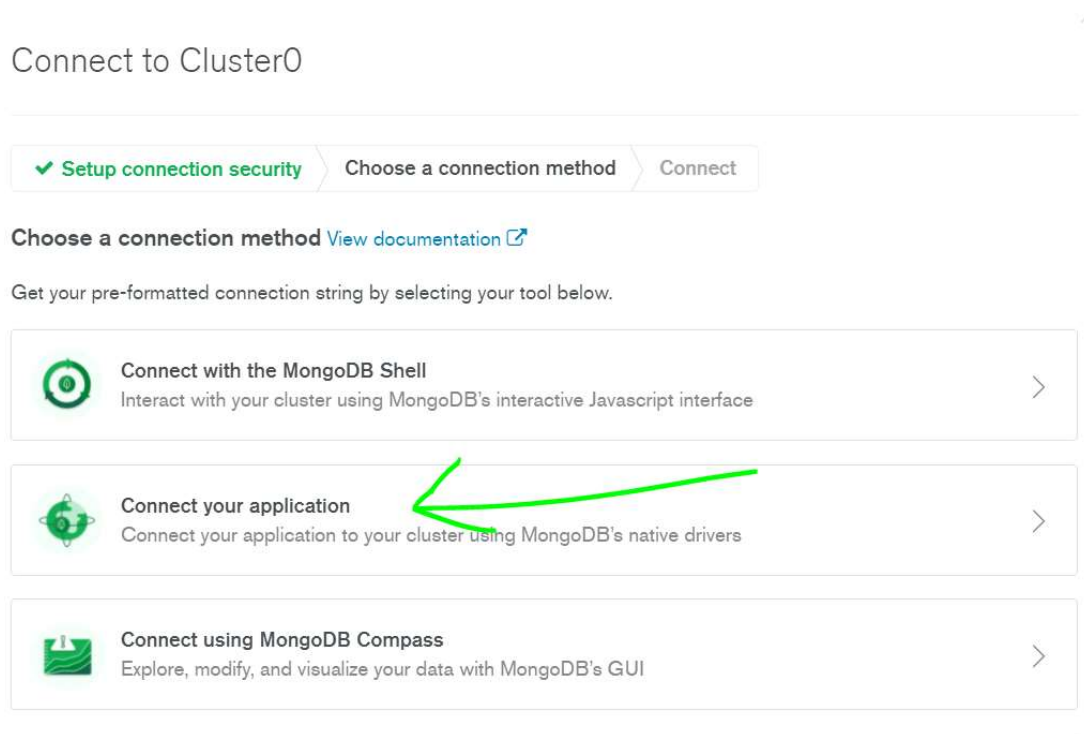
★ Recommended region ⓘ **🏷️ Paid tier region ⓘ**

NORTH AMERICA	EUROPE	AUSTRALIA
Oregon (us-west-2) ★	Stockholm (eu-north-1) ★	Sydney (ap-southeast-2) ★
N. Virginia (us-east-1) ★	Frankfurt (eu-central-1) ★	ASIA
Ohio (us-east-2) ★🏷️	Paris (eu-west-3) ★	Mumbai (ap-south-1)
		Tokyo (ap-northeast-1) ★

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**

Posteriormente, una vez creada la BD podremos hacer click en la opción "Connect" y seleccionar "Connect your application".



La última pantalla mostrará la información necesaria para conectarse a la BD desde la aplicación de Spring Boot (IMPORTANTE SELECCIONAR JAVA EN EL MENU DESPLEGABLE).

El código será:

```
mongodb+srv://user:password@cluster0.vrr5x.mongodb.net/myFirstDatabase?
retryWrites=true&w=majority
```

El cual deberás adaptar con tu usuario y contraseña que deberías haber generado en el proceso de creación de la BD.

Por último podremos en el **application.properties** la correspondiente configuración adaptada con tus claves, etc.

```
spring.data.mongodb.uri=mongodb+srv://user:password@cluster0.vrr5x.mongodb.net/m
yFirstDatabase?retryWrites=true&w=majority
```

```
spring.data.mongodb.database=ex24
```