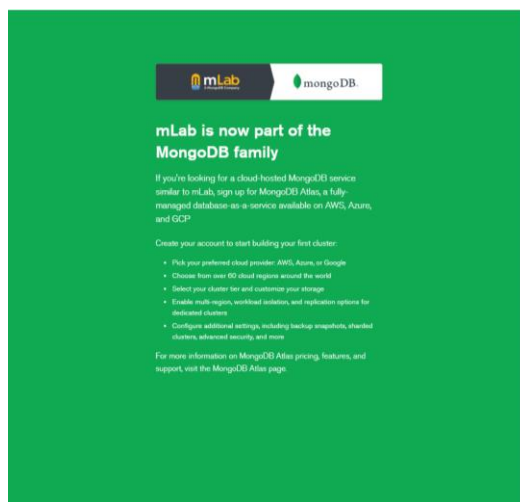




Servicio MongoDB alojado en la nube AWS, Azure y Google Cloud para implementar, operar y escalar una base de datos MongoDB

1. Dirígete a mLab y crea una cuenta.

<https://mlab.com/>





2. Cree una nueva implementación de MongoDB

Seleccione **Shared** como su tipo de plan, **AWS** como su proveedor de nube, dejando la región de AWS por defecto. Por último, asigne un nombre a su base de datos y envíe su pedido (es gratis).

CLUSTERS > CREATE A 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 AWS, N. Virginia (us-east-1) v

☒ **aws** ☐ Google Cloud ☐ Azure

★ Recommended region ⓘ

NORTH AMERICA	EUROPE	ASIA
<input checked="" type="radio"/> N. Virginia (us-east-1) ★	<input type="radio"/> Frankfurt (eu-central-1) ★	<input type="radio"/> Mumbai (ap-south-1)
<input type="radio"/> Oregon (us-west-2) ★	<input type="radio"/> Ireland (eu-west-1) ★	<input type="radio"/> Singapore (ap-southeast-1) ★
AUSTRALIA		
<input type="radio"/> Sydney (ap-southeast-2) ★		

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

Additional Settings MongoDB 4.4, No Backup >

Cluster Name Cluster0 v

One time only: once your cluster is created, you won't be able to change its name.

Cluster names can only contain ASCII letters, numbers, and hyphens.

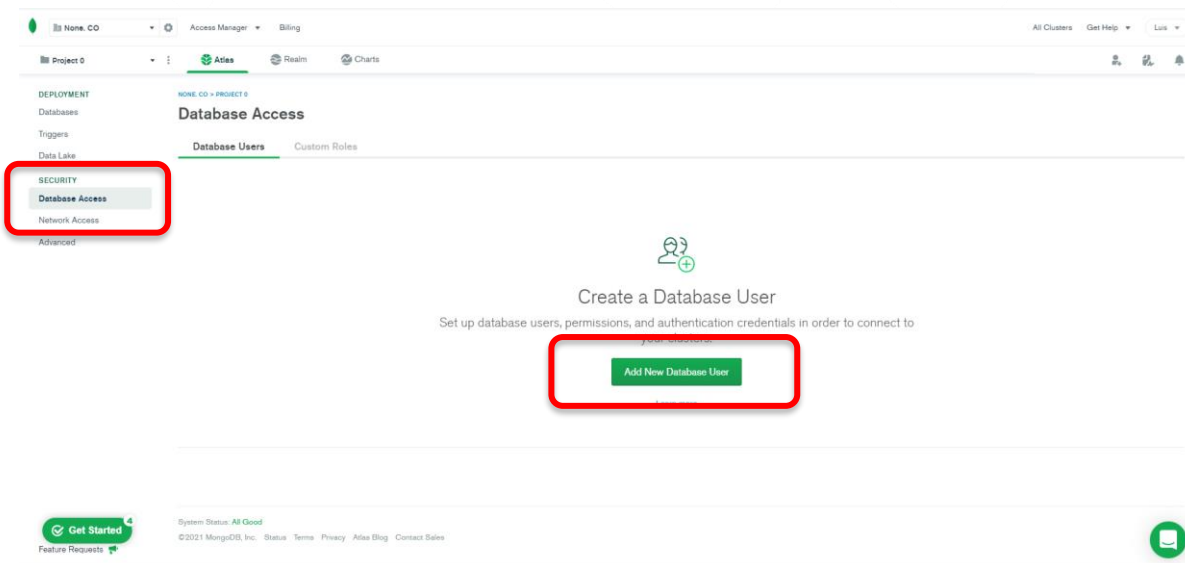
[Back](#)

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



3. Crea tu usuario para acceder a tus bases de datos

Vaya a la pestaña **Database Access**, haga clic en **Agregar** usuario de base de datos y cree un usuario de base de datos. Su base de datos necesita al menos un usuario para poder utilizarla.



Coloque su nombre de usuario y contraseña y presione el botón “Add User”

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 your Atlas project 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

Username:

Password:

Database User Privileges

Select a built-in role or privileges for this user.

Restrict Access to Specific Clusters/Data Lakes

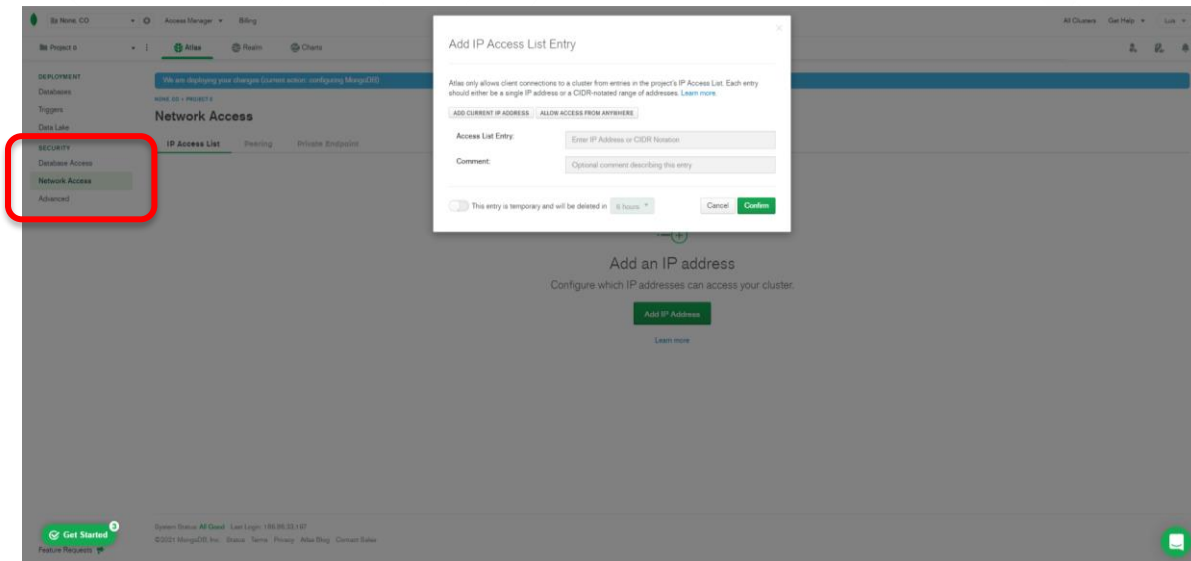
Enable to specify the resources this user can access. By default, all resources in this project are accessible. ☐ OFF

Temporary User

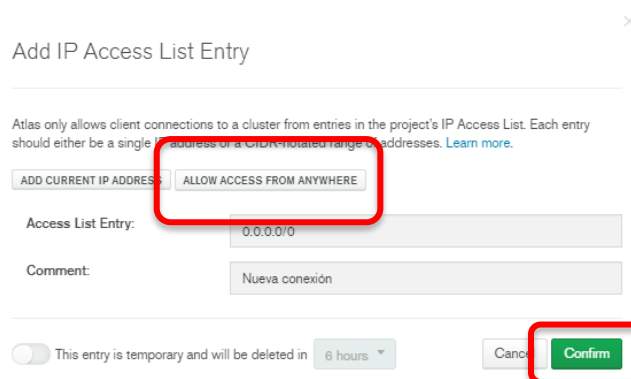
This user is temporary and will be deleted after your specified duration of 6 hours, 1 day, or 1 week. ☐ OFF



4. Ahora, agregue una IP address para tu lista de acceso, de la forma:



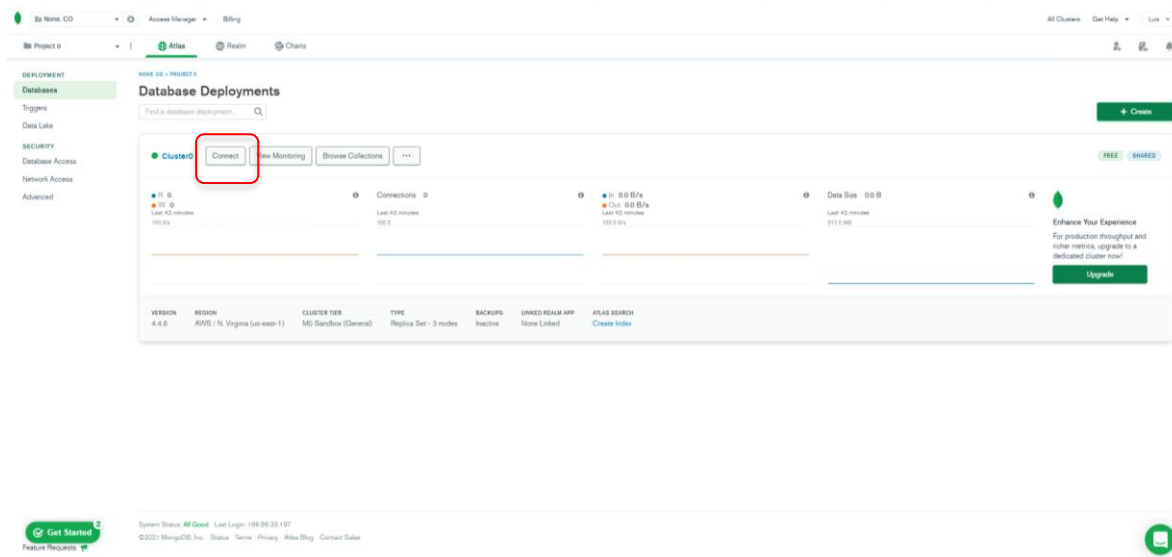
Haga click en la opción “ALLOW ACCESS FROM ANYWHERE”. Asegúrese que quede de la siguiente forma:



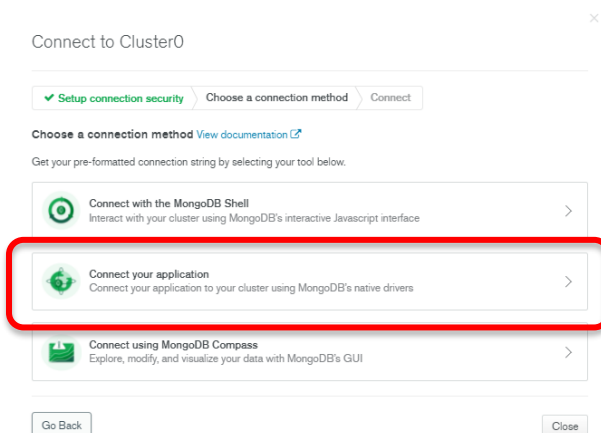


5. Conectarse a la base de datos

Presione el botón “Connect” ubicado al lado derecho del cluster



Luego, seleccione “Connect your application”





Seleccione el controlador y la versión (En nuestro caso será el mismo que aparece por defecto y copie su URI, a saber:

Connect to Cluster0

✓ Setup connection security ✓ Choose a connection method Connect

1 Select your driver and version

DRIVER: Node.js VERSION: 3.7 or later

2 Add your connection string into your application code

☐ Include full driver code example

`mongodb+srv://lmolero:<password>@cluster0.bpms5.mongodb.net/myFirstDatabase?retryWrites=true&w=majority`

Replace <password> with the password for the MongoDB 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

Este URI, se usará para conectarnos a nuestra base de datos.

```
mongodb+srv://lmolero:<password>@cluster0.bpms5.mongodb.net/myFirstDatabase?retryWrites=true&w=majority
```

Reemplace <contraseña> con la contraseña de su usuario. Reemplace **myFirstDatabase** con el nombre de la base de datos que las conexiones usarán de forma predeterminada. Asegúrese de que los parámetros de las opciones estén codificados en URL.