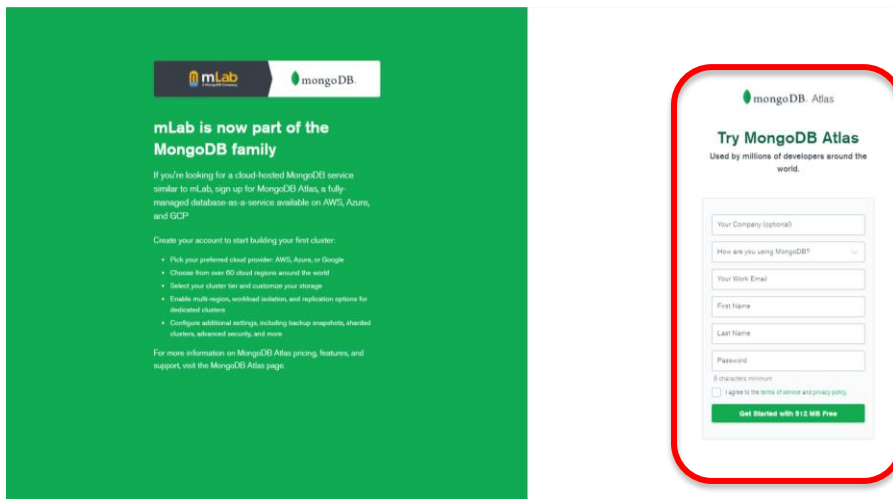




## Configurando nuestra base de datos en Mongo Atlas

1. Dirígete a mLab y crea una cuenta si aún no tienes una.

<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 (no se preocupe, 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](#).

Serverless       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) ▾

★ Recommended region (0)

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

AUSTRALIA

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

Additional Settings MongoDB 4.4, No Backup >

Cluster Name Cluster0 ▾

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.

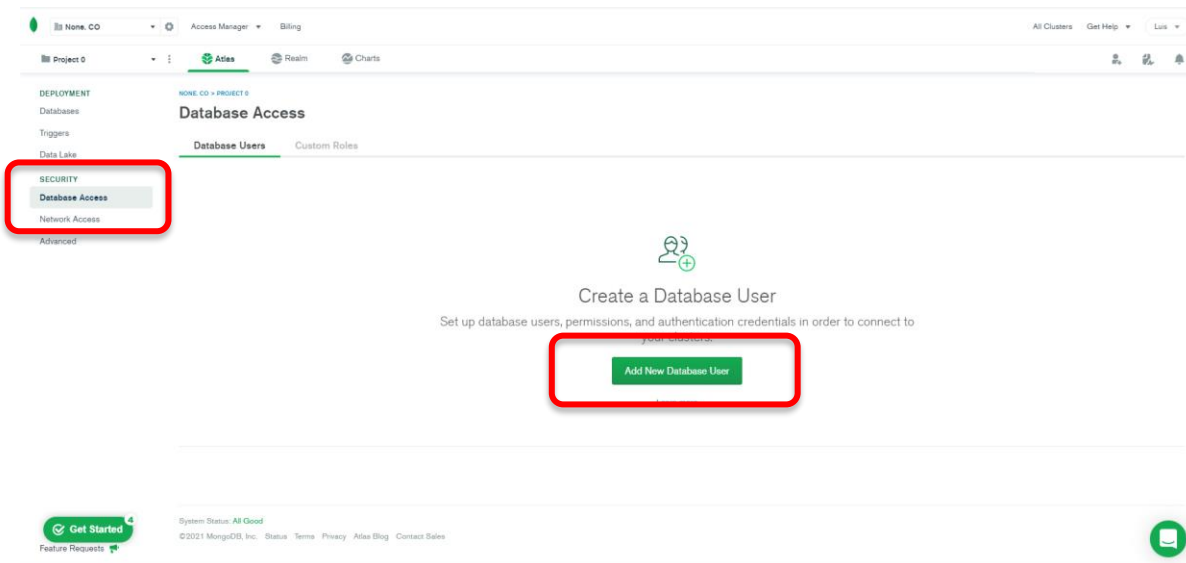
 

**FREE** Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.



### 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 also configure access for your 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**

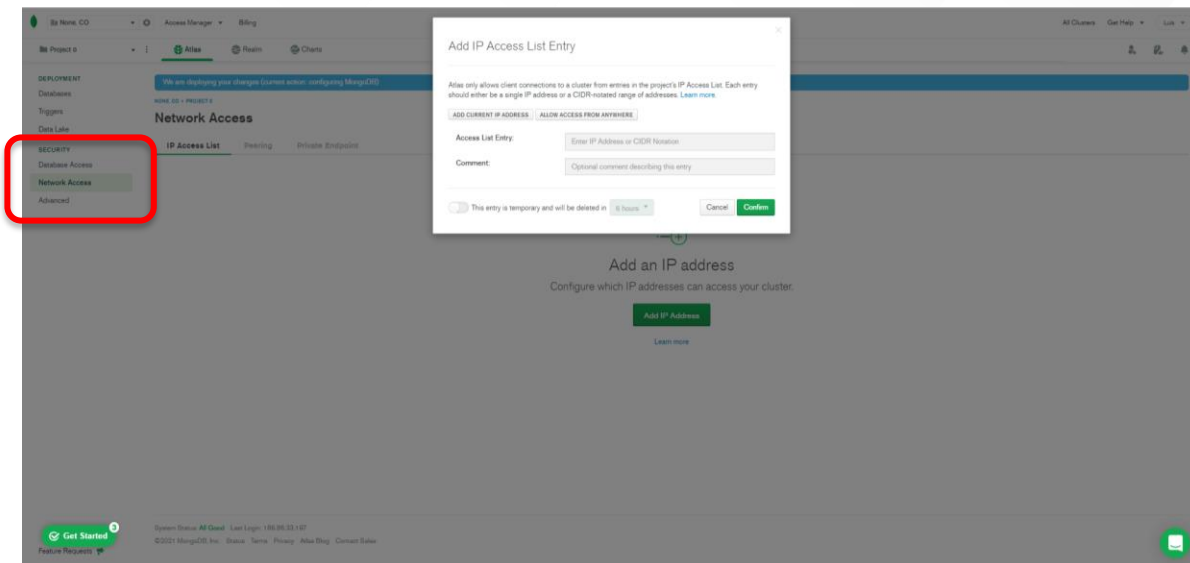
Enable to specify the resources this user can access. By default, all resources in this project are accessible. ☐ OFF

**Temporary User**

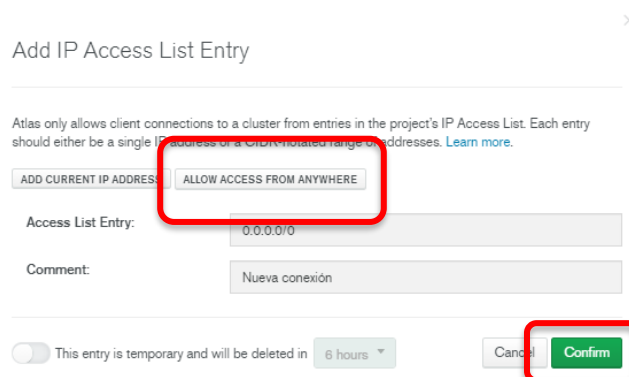
This user is temporary and will be deleted after your specified duration of 6 hours, 1 day, or 1 week. ☐ OFF



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



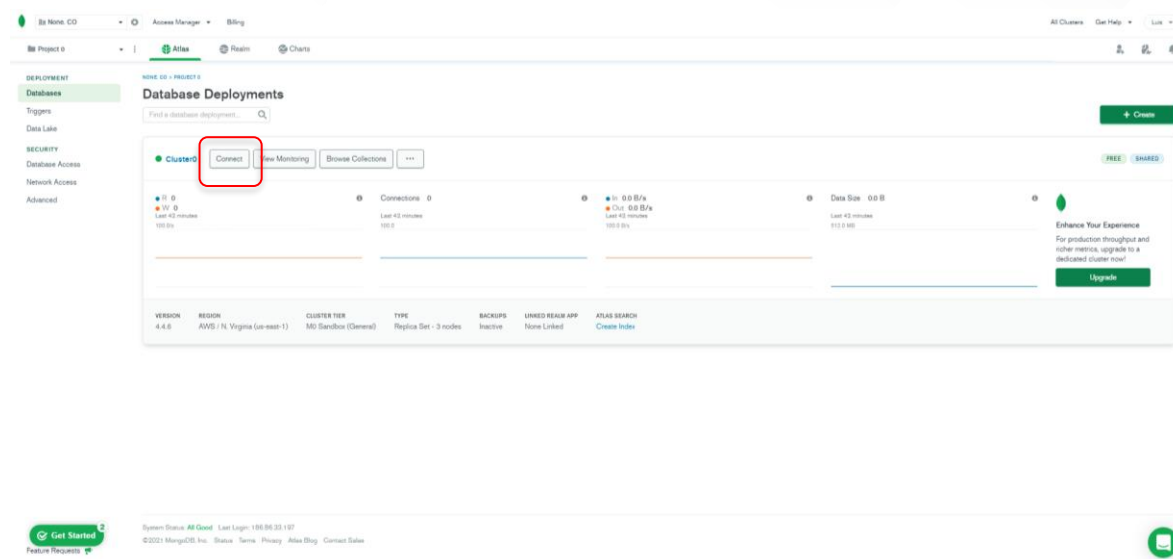
Haga click en la opción “ALLOW ACCESS FROM ANYWHERE”. Asegúrese que quede de la siguiente forma:



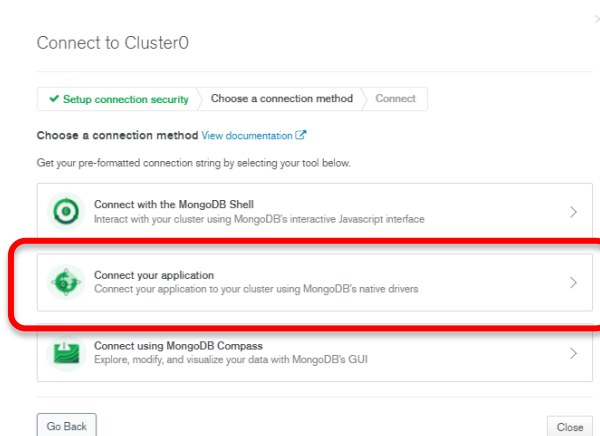


## Conectarse a la base de datos

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



Luego, seleccione “Connect your application”





Seleccione el driver 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 VERSION

Node.js 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 user that has access to 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 del usuario Imolero. 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.