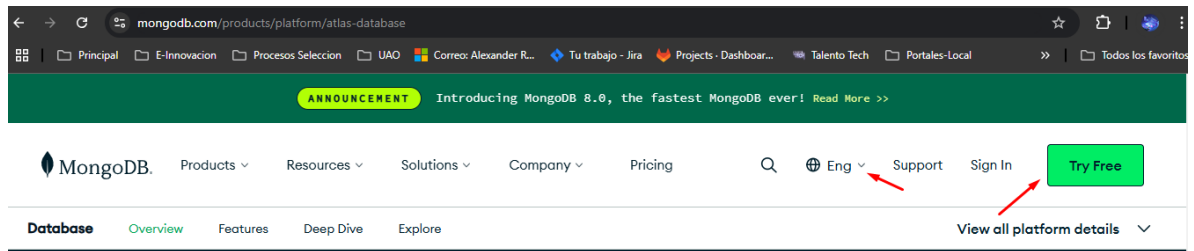
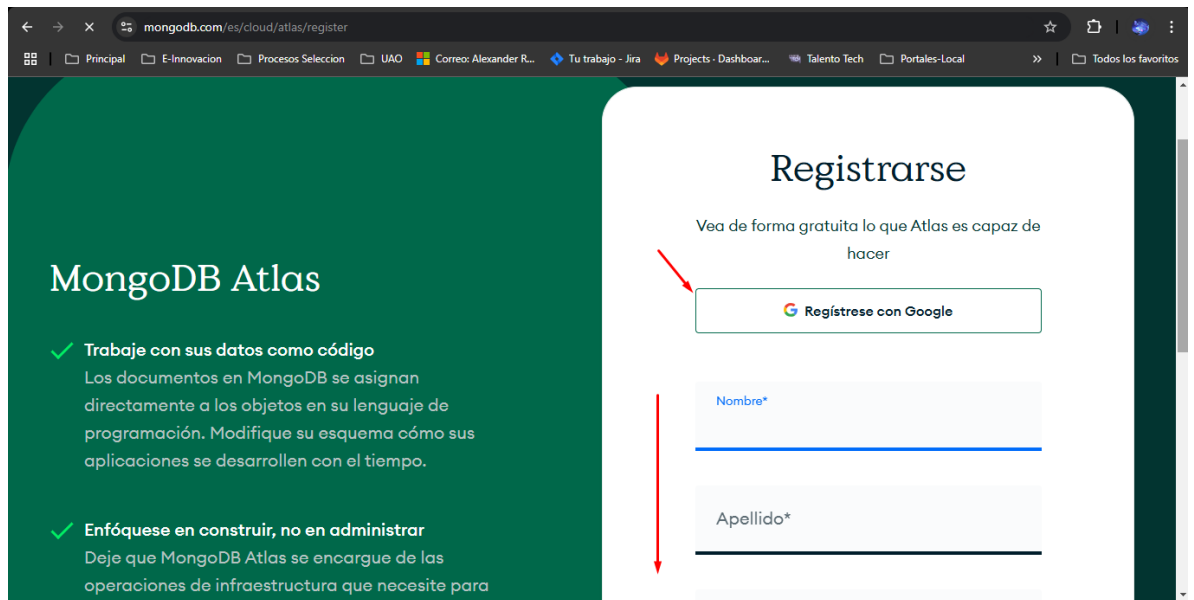


1. Crear una Cuenta en MongoDB Atlas

- Ve a la página oficial de MongoDB Atlas:
<https://www.mongodb.com/cloud/atlas>.
- Haz clic en **"Start Free"** o **"Try Free"**.



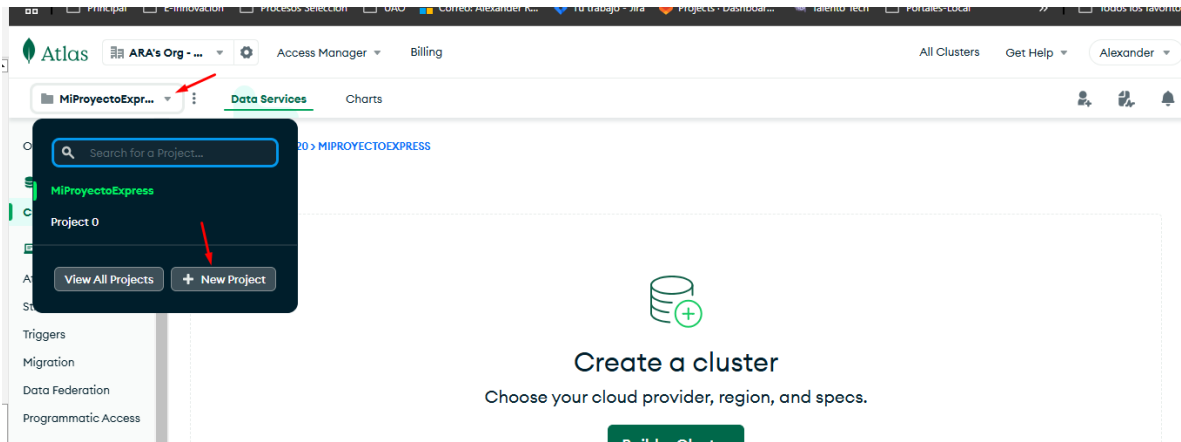
- Completa el formulario de registro o utiliza una cuenta de Google para registrarte rápidamente.



Cuando se registran crea un proyecto por defecto.

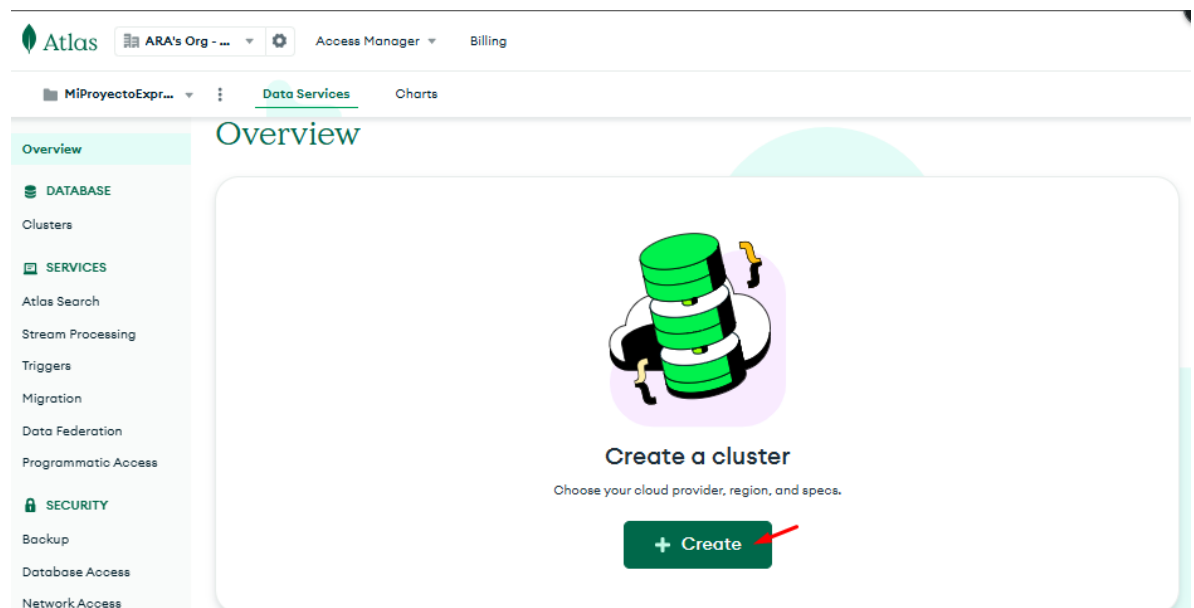
2. Crear un Proyecto en MongoDB Atlas

- Después de iniciar sesión, selecciona **"New Project"** (Nuevo Proyecto).
- Asigna un nombre al proyecto, por ejemplo, "MiProyectoExpress".
- Haz clic en **"Create Project"** (Crear Proyecto).



3. Crear un Cluster en MongoDB Atlas

- Dentro de tu nuevo proyecto, selecciona **"Build a Cluster"** (Crear un Cluster).



- Para una cuenta gratuita, elige la opción de cluster compartido (gratis).

Deploy your cluster

Use a template below or set up advanced configuration options. You can also edit these configuration options once the cluster is created.

☐ M10 \$0.08/hour
Dedicated cluster for development environments and low-traffic applications.

STORAGE	RAM	vCPU
10 GB	2 GB	2 vCPUs

☐ Serverless \$0.10/1M reads
For application development and testing, or workloads with variable traffic.

STORAGE	RAM	vCPU
Up to 1TB	Auto-scale	Auto-scale

☒ M0 Free
For learning and exploring MongoDB in a cloud environment.

STORAGE	RAM	vCPU
512 MB	Shared	Shared

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

Name
You cannot change the name once the cluster is created.

☒ Automate security setup

- Selecciona la ubicación del cluster. Se recomienda elegir una región cercana para mejorar el rendimiento (por ejemplo, **AWS, Virginia del Norte (us-east-1)**).

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

Name
You cannot change the name once the cluster is created.

☒ Automate security setup

☐ Preload sample dataset

Provider

☒ aws ☐ Google Cloud ☐ Azure

Region

☒ N. Virginia (us-east-1) ☐ ☐

★ Recommended Low carbon emissions

Tag (optional)
Create your first tag to categorize and label your resources; more tags can be added later. [Learn more.](#)

:

- Personaliza el nombre del cluster si lo deseas y selecciona la configuración gratuita.
- Haz clic en **"Create Cluster"**.

4. Configurar Acceso a la Base de Datos

- Una vez creado el cluster, configura el acceso con los siguientes pasos:

Crear un Usuario de Base de Datos

Connect to miDbalexander



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](#)

1. Add a connection IP address

✓ Your current IP address: (186.147.189.178) has been added to enable local connectivity. Only an IP address you add to your Access List will be able to connect to your project's clusters. Add more later in [Network Access](#).

2. Create a database user

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

We autogenerated a username and password. You can use this or create your own.

ⓘ You'll need your database user's credentials in the next step. Copy the database user password.

Username

alexander314

Password

J9tkvrcCJ3SzEJ4r

HIDE

Copy

Create Database User



Connect to miDbalexander

1

2

3

Set up 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](#)

- Add a connection IP address**

✓ Your current IP address (186.147.189.178) has been added to enable local connectivity. Only an IP address you add to your Access List will be able to connect to your project's clusters. Add more later in [Network Access](#).
- Create a database user**

✓ A database user has been added to this project. Create another user later in [Database Access](#).

You'll need your database user's credentials in the next step.

Close

Choose a connection method

5. Obtener la URI de Conexión de MongoDB

Connect to miDbalexander



Connecting with MongoDB Driver

1. Select your driver and version

We recommend installing and using the latest driver version.

Driver	Version
Node.js	5.5 or later

2. Install your driver

Run the following on the command line

```
npm install mongodb
```

[View MongoDB Node.js Driver installation instructions.](#)

3. Add your connection string into your application code

Use this connection string in your application

☐ View full code sample ☒ Show Password ⓘ

```
mongodb+srv://alexander314:J9tkvrcCJ3SzEJ4r@midbalexander.mz33g.mongodb.net/?  
retryWrites=true&w=majority&appName=miDbalexander
```

The password for **alexander314** is included in the connection string for your first time setup. This password will not be available again after exiting this connect flow.

RESOURCES

[Get started with the Node.js Driver](#)

[Node.js Starter Sample App](#)

[Access your Database Users](#)

[Troubleshoot Connections](#)

mongodb+srv://<usuario>:<contraseña>@cluster0.mongodb.net/<nombre_base_d
e_datos>?retryWrites=true&w=majority