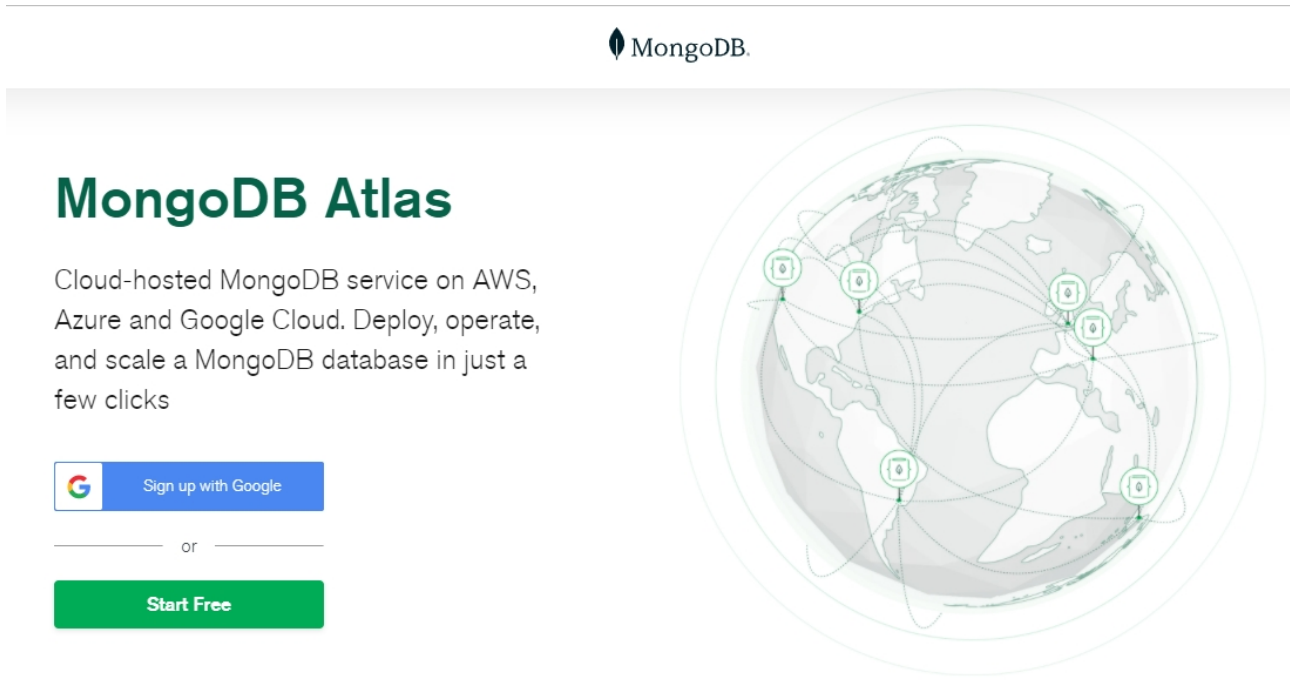


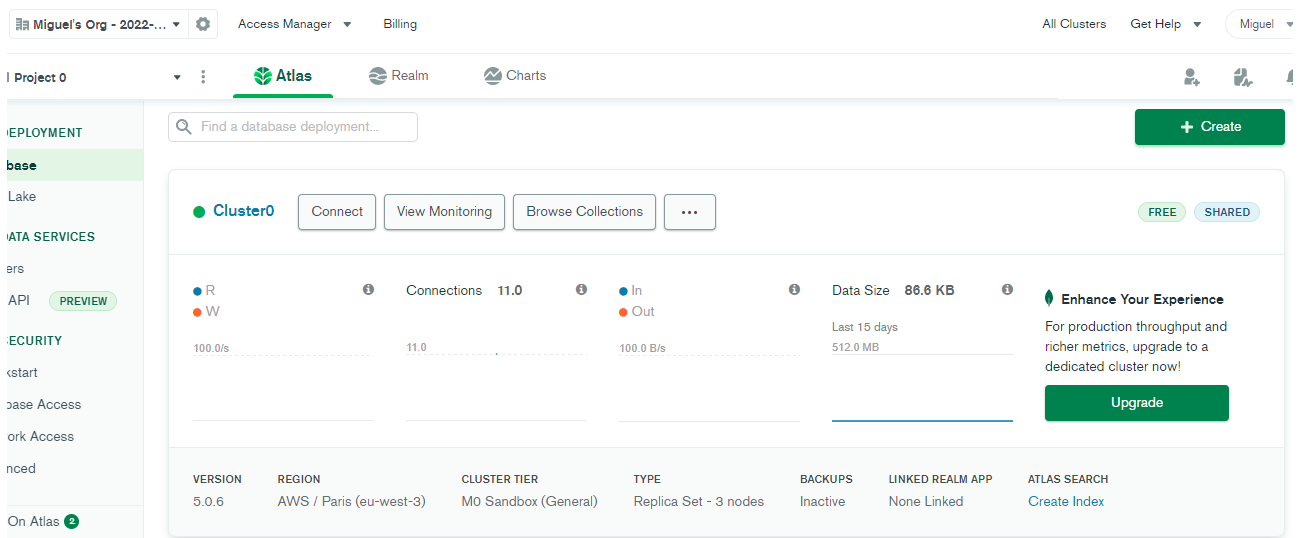
Manual Mongo Atlas

1º Lo primero que tendremos que hacer es dirigirnos a la página del Mongo Atlas y registrarnos:

[MongoDB Atlas: Cloud Document Database | MongoDB](https://www.mongodb.com/cloud/atlas)



2º Al empezar nos preguntará si queremos un cluster de pago o gratuito evidentemente elegimos el gratuito y nos los creará:




3º para poder acceder tanto desde compass como desde la mongo shell debemos crear el usuario con el que vamos a entrar en la parte de **database access**:

Database Access


Database Users

Custom Roles

+ ADD NEW DATABASE USER

User Name	Authentication Method	MongoDB Roles	Resources	Actions
 Miguelito21	SCRAM	readWrite@test	All Resources	<div><div>EDIT</div><div>DELETE</div></div>

Aquí clickaremos 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 an Atlas project or 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

[SHOW](#)

[Autogenerate Secure Password](#) [Copy](#)

Donde pedirá el usuario y contraseña con la que accederemos.

4º La ultima configuración a tener en cuenta será el dar la ip desde el apartado **Network Access** con la que accederemos al cluster en la nube, en nuestro caso será con cualquiera que es la 0.0.0.0/0

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Network Access

IP Access List		Peering	Private Endpoint
+ ADD IP ADDRESS			
You will only be able to connect to your cluster from the following list of IP Addresses:			
IP Address	Comment	Status	Actions
0.0.0.0/0 (includes your current IP address)		● Active	EDIT DELETE

5º Ya podremos acceder ya sea desde compass o desde mongoshell, las opciones te las da si le das a connect desde el menú principal donde se encuentra el cluster.

Desde aquí sería para la shell copiando el código de abajo en la powershell, después pedirá nuestra contraseña.

Connect to Cluster0

✓ Setup connection security

✓ Choose a connection method

Connect

I do not have the MongoDB Shell installed

I have the MongoDB Shell installed

1 Select your mongo shell version

4.4

(To check your shell version, run `mongosh --version` or `mongo --version`)

2 Run your connection string in your command line

Use this connection string in your application:

```
mongo "mongodb+srv://cluster0.1onet.mongodb.net/myFirstDatabase" --username  
Miguelito21
```



Y desde aquí con el siguiente código sería en compass, cambiando password por la nuestra propia y pegandolo en el compass:

Connect to Cluster0

✓ Setup connection security

✓ Choose a connection method

Connect

I do not have MongoDB Compass

I have MongoDB Compass

1 Select your operating system and download MongoDB Compass

Windows 64-bit (7+)

Download Compass (1.30.1)

or

Copy download URL

2 Copy the connection string, then open MongoDB Compass.

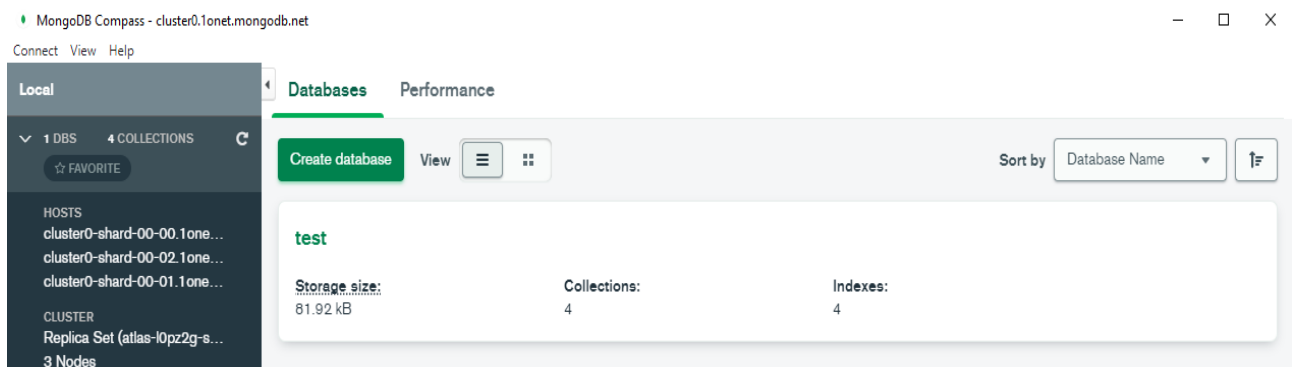
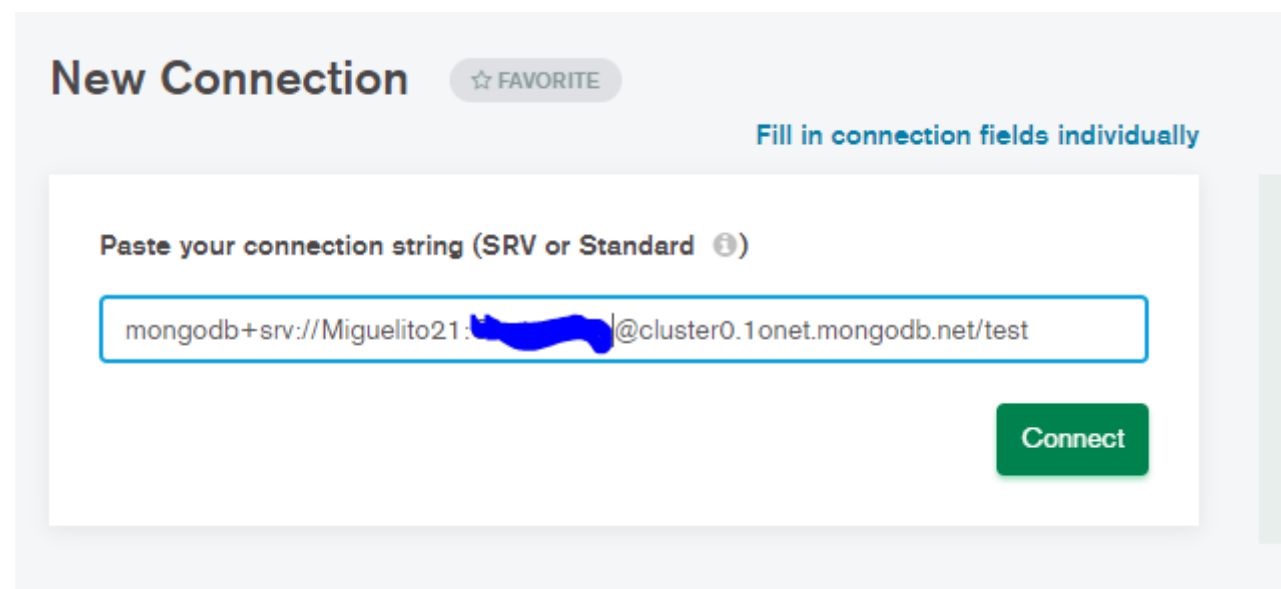
```
mongodb+srv://Miguelito21:<password>@cluster0.1onet.mongodb.net/test
```



Ejemplo en el powershell:

```
PS C:\Users\usuario1> mongo "mongodb+srv://cluster0.1onet.mongodb.net/myFirstDatabase" --username Miguelito21
MongoDB shell version v5.0.3
Enter password:
connecting to: mongodb://cluster0-shard-00-01.1onet.mongodb.net:27017,cluster0-shard-00-00.1onet.mongodb.net:27017,cluster0-shard-00-02.1onet.mongodb.net:27017/myFirstDatabase?authSource=admin&compressors=disabled&gssapiServiceName=mongodb&replicaSet=atlas-l0pz2g-shard-0&ssl=true
Implicit session: session { "id" : UUID("0a39bca4-9071-4f41-8204-61ceee340fec") }
MongoDB server version: 5.0.6
=====
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility. The "mongo" shell has been deprecated and will be removed in
an upcoming release.
We recommend you begin using "mongosh".
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
=====
WARNING: some history file lines were truncated at 4095 bytes.
MongoDB Enterprise atlas-l0pz2g-shard-0:PRIMARY>
```

Ejemplo en Compass:



MongoDB Compass - cluster0.1onet.mongodb.net

Connect View Help

Local

1 DBS 4 COLLECTIONS

☆ FAVORITE

HOSTS

- cluster0-shard-00-00.1one...
- cluster0-shard-00-02.1one...
- cluster0-shard-00-01.1one...

CLUSTER

Replica Set (atlas-l0pz2g-s...

3 Nodes

Databases Performance

Create database View

Sort by Database Name

test

Storage size:	Collections:	Indexes:
81.92 kB	4	4