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MongoDB Atlas



mongoDB

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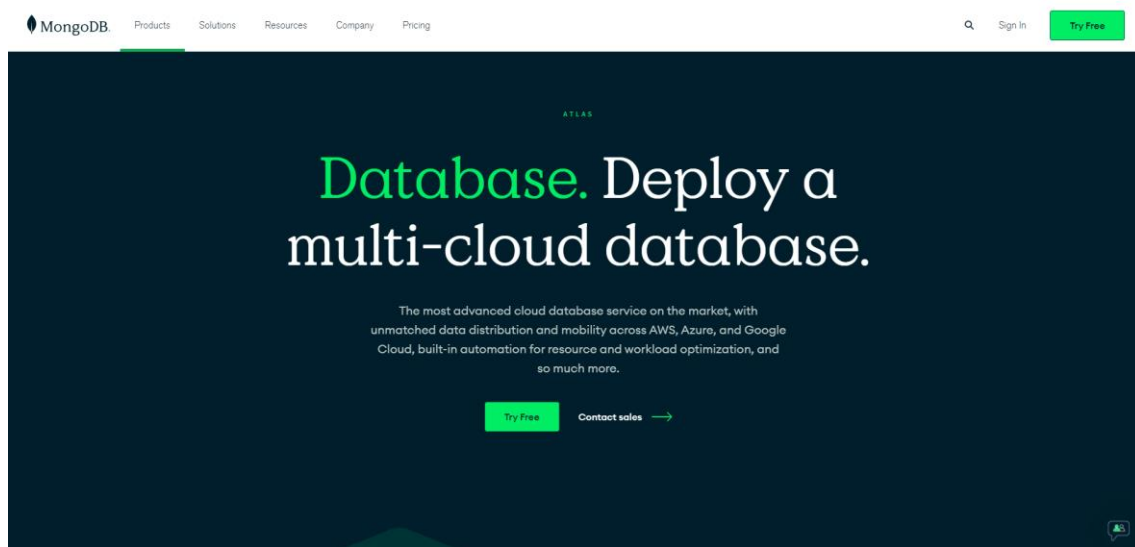
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MongoDB Atlas

[MongoDB Atlas](#) es un servicio de Cloud Database (o Base de Datos en la Nube), que te permite crear y administrar tu **BBDD Mongo** desde cualquier lugar del mundo, a través de su plataforma.

Además, **MongoDB Atlas** no solo está orientado a ser accesible desde el navegador, sino que, fue desarrollado con el objetivo de aliviar el trabajo de los desarrolladores, al quitarles la necesidad de instalar y administrar entornos de **BBDD**, los que a veces pueden ser lentos y engorrosos.



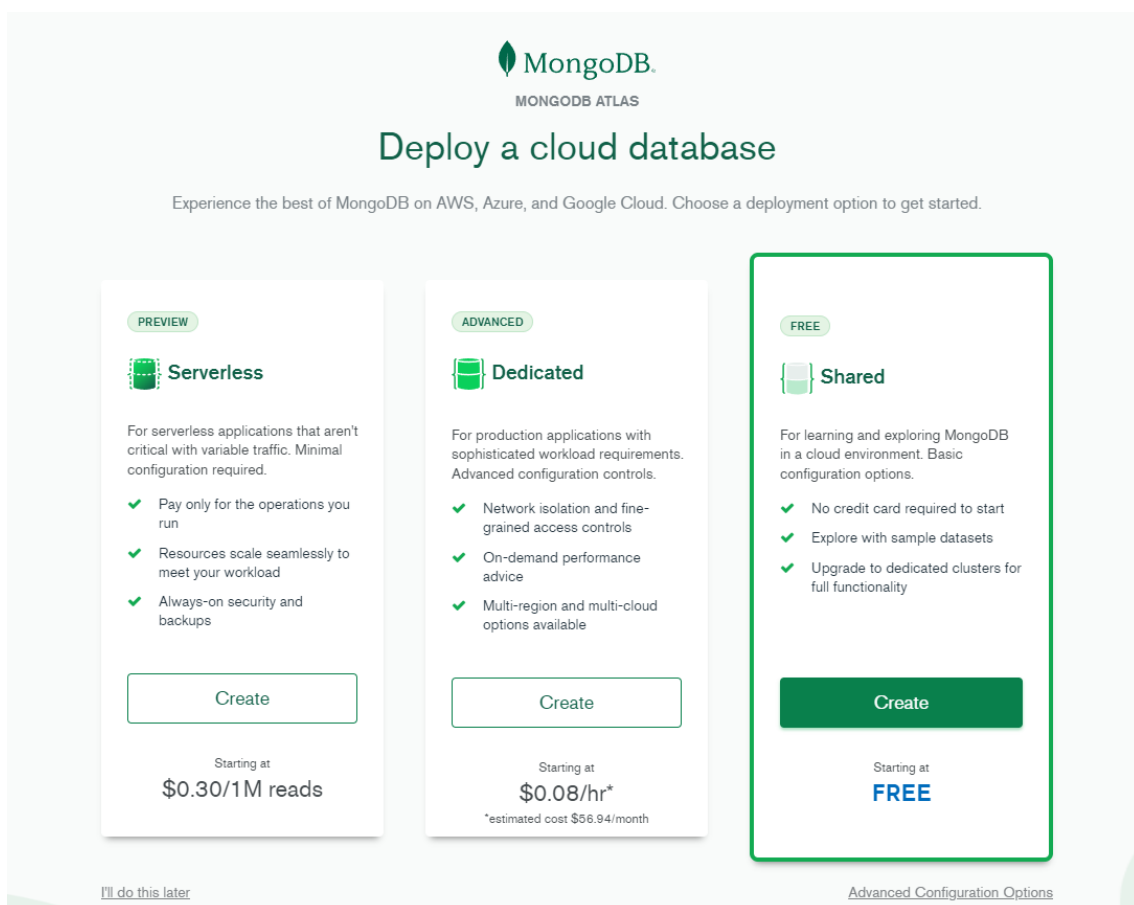
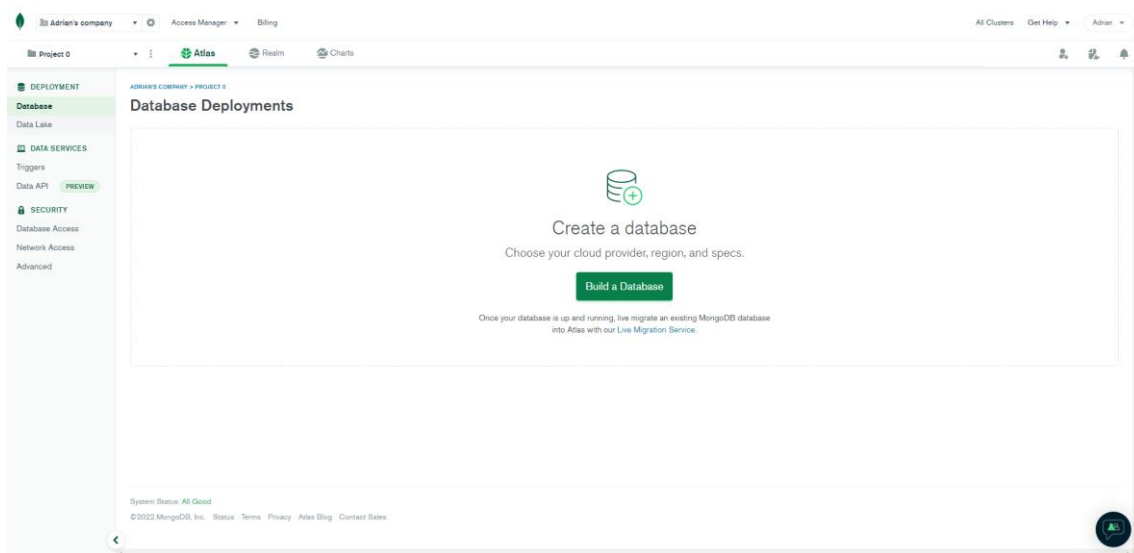
Registro

Una vez le demos a registro deberemos introducir nuestros datos para crear la cuenta y la organización en nuestro Atlas. Nos llegará un correo para verificar la cuenta.

The image shows the MongoDB account creation process. On the left is a form titled 'Create your account' with the MongoDB logo. It includes a 'Sign up with Google' button, followed by fields for Email Address, First Name, Last Name, Password, and Phone Number. There are also fields for Company Name and Job Function, and a dropdown for Country. A blue box provides password requirements: 'Your password must: • Contain at least 8 characters • Contain unique characters, numbers, or symbols • Not contain your email address'. At the bottom, there's a checkbox for 'I accept the Privacy Policy and the Terms of Service'. On the right, there's a confirmation message 'Great, now verify your email' with the MongoDB logo and an illustration of an open envelope with a green checkmark inside.

Creación de cluster


Clicamos en “Build a Database” y elegimos la opción “Shared”





Elegimos el servidor que más se adecue a nuestra posición, asignamos un nombre y clicamos en crear cluster dejando las demás opciones como predeterminado.

Cloud Provider & Region

AWS, Paris (eu-west-3) ▼










★ Recommended region ⓘ


🏷️ Paid tier region ⓘ


NORTH AMERICA

 N. Virginia (us-east-1) ★


 Oregon (us-west-2) ★

 Ohio (us-east-2) ★ 🏷️


 N. California (us-west-1) 🏷️


 Montreal (ca-central-1) 🏷️


SOUTH AMERICA


 Sao Paulo (sa-east-1)


EUROPE


 Stockholm (eu-north-1) ★

 Ireland (eu-west-1) ★


 Frankfurt (eu-central-1) ★

 Paris (eu-west-3) ★


 London (eu-west-2) ★ 🏷️

 Milan (eu-south-1) ★ 🏷️


MIDDLE EAST

 Bahrain (me-south-1) ★


AFRICA


 Cape Town (af-south-1) ★


AUSTRALIA


 Sydney (ap-southeast-2) ★


ASIA


 Mumbai (ap-south-1)

 Tokyo (ap-northeast-1) ★

 Hong Kong (ap-east-1) ★

 Singapore (ap-southeast-1) ★

 Seoul (ap-northeast-2)

 Osaka (ap-northeast-3) ★ 🏷️

Cluster Name

Proyecto05DB ▼

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

Proyecto05DB

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

FREE

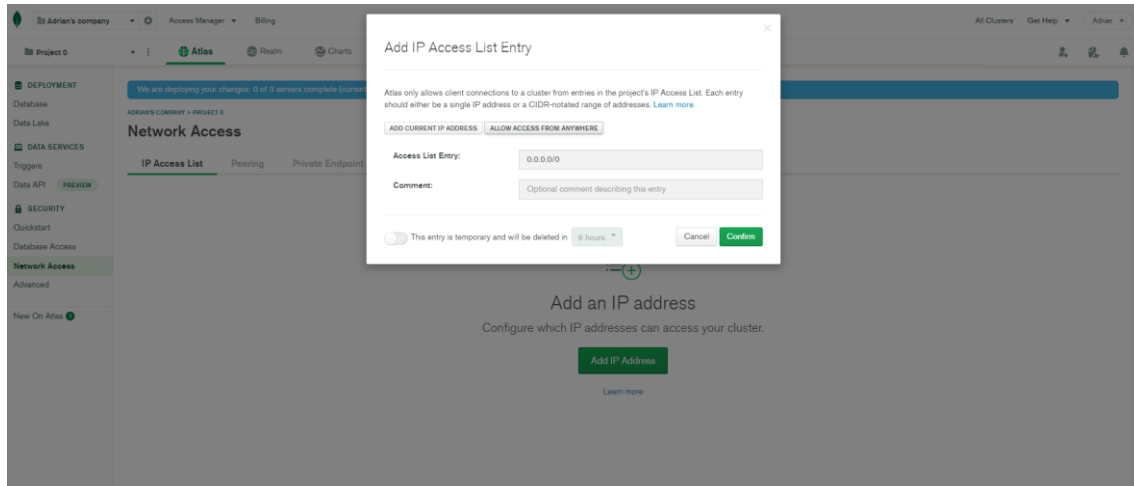
Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

Back

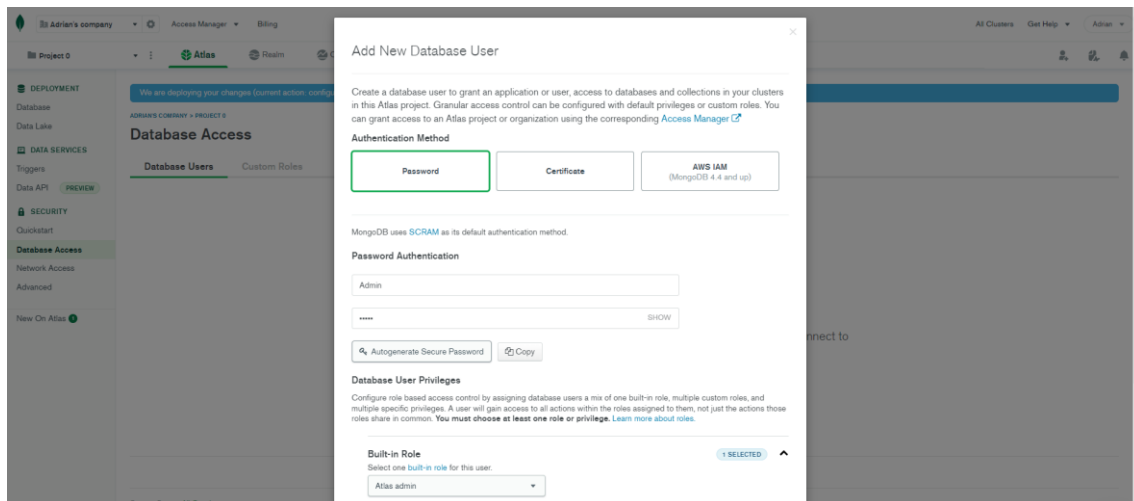
Create Cluster

IP Access y User Access

Vamos al apartado Network Admin y añadimos una IP de acceso. En nuestro caso asignamos todos los valores a cero para poder conectarnos desde cualquier terminal.



Luego en la parte de Database Access añadimos dos usuarios uno con el rol de admin y otro con la posibilidad de leer y escribir



Conexiones

Dentro del hub de la aplicación clicamos en el botón con los tres puntos suspensivos y pulsamos en líneas de comandos para rescatar el comando de importación de nuestra base de datos.

We are deploying your changes (current action: configuring MongoDB)

ADRIAN'S COMPANY > PROJECT 0

Database Deployments

Find a database deployment...

+ Create

Projecto05DB [Connect] [View Monitoring] [Browse Collections] [More]

FREE SHARED

CPU 0 Last 42 seconds 100.0%

Connections 0 Last 42 seconds 100.0%

In/Out In: 0.0 B/s Out: 0.0 B/s Last 42 seconds 100.0 B/s

Data Size 0.0 B Last 42 seconds 512.0 MB

Enhance Your Experience
For production throughput and richer metrics, upgrade to a dedicated cluster now!
Upgrade

VERSION	REGION	CLUSTER TIER	TYPE	BACKUPS	LINKED REALM APP	ATLAS SEARCH
5.0.6	AWS / Paris (eu-west-3)	M0 Sandbox (General)	Replica Set - 3 nodes	Inactive	None Linked	Create Index

Import/Export

Para importar y exportar a/ desde nuestro cluster

```
mongoimport --uri mongodb+srv://Admin:<PASSWORD>@cluster0.8dmzz.mongodb.net/<DATABASE> --collection <COLLECTION> --type <FILETYPE> --file <FILENAME>
```

```
mongoexport --uri mongodb+srv://Admin:<PASSWORD>@cluster0.8dmzz.mongodb.net/<DATABASE> --collection <COLLECTION> --type <FILETYPE> --out <FILENAME>
```

Si clicamos en el botón de connect veremos diferentes opciones de conexión: la Shell, mongo compas, aplicaciones...

Connect to Projecto05DB

✓ Setup connection security Choose a connection method Connect

Choose a connection method [View documentation](#)

Get your pre-formatted connection string by selecting your tool below.

- Connect with the MongoDB Shell**
Interact with your cluster using MongoDB's interactive Javascript interface
- Connect your application**
Connect your application to your cluster using MongoDB's native drivers
- Connect using MongoDB Compass**
Explore, modify, and visualize your data with MongoDB's GUI

Go Back Close

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 `mongo --version` or `mongo --version`)

2 Run your connection string in your command line
Use this connection string in your application:
`mongo "mongodb+srv://cluster0.8dmzz.mongodb.net/myfirstDatabase" --username <username>`
Replace `myfirstDatabase` with the name of the database that connections will use by default. You will be prompted for the password for the Database User, `<username>`. When entering your password, make sure all special characters are URL encoded.

Having trouble connecting? [View our troubleshooting documentation](#)

Go Back Close