


The background is a dark blue gradient. On the left, there is a large, stylized graphic consisting of a blue triangle and a green triangle meeting at a diagonal line. Below this, a circular inset shows a detailed view of a circuit board. In the top right corner, there is a 3D perspective view of a circuit board layout.

# MongoDB Atlas

La mise en place de mongoDB Atlas cluster et  
MongoDB Compass

Meher Kharbachi



# Les étapes pour mettre en place **mongoDB Atlas**

01

Visiter ce lien : <https://www.mongodb.com/cloud/atlas/register>

02

Créer un compte sur **MongoDb Atlas**

03

Confirmer l'inscription sur votre adresse mail



04

Page d'accueil



Polytech Intl



Access Manager

Billing

All Clusters

Get Help

Meher

Project 0

Data Services

Charts



## Overview

## DATABASE

Clusters

## SERVICES

Atlas Search

Stream Processing

Triggers

Migration

Data Federation

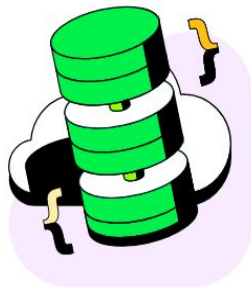
## SECURITY

Backup

Database Access

Network Access

Advanced



## Create a cluster

Choose your cloud provider, region, and specs.

+ Create

## Toolbar

## Featured Resources

## GENERAL

[Get Started with Atlas](#)[Reference MongoDB Documentation](#)[Develop Applications with the Developer Center](#)[Ask the MongoDB Community](#)

## New On Atlas

## 8 NEW

Learn about the latest feature enhancements on Atlas.

## Support

Support Plan: Basic Plan





05

## Créer un nouveau cluster



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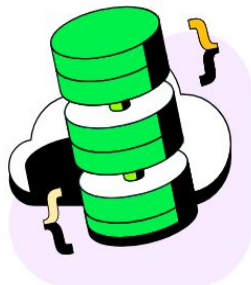
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## Deploy your cluster

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

☐ M10

\$0.09/hour

Dedicated cluster for development environments and low-traffic applications.

STORAGE	RAM	vCPU
10 GB	2 GB	2 vCPUs

☐ Serverless

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 ⓘ☒ Preload sample dataset ⓘ**Provider****Region**

★ Recommended ⓘ    🌿 Low carbon emissions ⓘ

**Tag** (optional)

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

## Connect to Cluster0

1

Set up connection security

2

Choose a connection method

3

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](#)

**1. Add a connection IP address**

✓ Your current IP address (41.225.56.7) 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.

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

Username

mkharbach

Password

.....

SHOW

 Copy

Create Database User

Close

Choose a connection method

Copier votre **username et password** et cliquer sur ``create Database User``.

Cliquer sur ``Choose a connection method``



## Connect to Cluster0



Set up connection security



Choose a connection method



Connect

### Connect to your application



#### Drivers

Access your Atlas data using MongoDB's native drivers (e.g. Node.js, Go, etc.)



### Access your data through tools



#### Compass

Explore, modify, and visualize your data with MongoDB's GUI



#### Shell

Quickly add & update data using MongoDB's Javascript command-line interface



#### MongoDB for VS Code

Work with your data in MongoDB directly from your VS Code environment



#### Atlas SQL

Easily connect SQL tools to Atlas for data analysis and visualization







- **Les Drivers** : vous allez vous connecter sur votre cluster mongoDB à l'aide d'un langage de programmation
- **MongoDB Compass** : Interface Graphique pour visualiser les données
- **MongoDB shell** : Ajouter et mettre à jour des données à travers un terminal mongoDB
- **MongoDB pour VS code** (extension)
- **Atlas SQL** : un outil pour l'analyse et la visualisation des données

Dans notre cas, nous avons besoin des 2 premiers options : **Python driver et mongoDb Compass**

Next step -> **Cliquer sur Compass**

1. Sélectionner ``I don't have MongoDB Compass installed``
2. Sélectionner l'OS et cliquer sur ``Download Compass``
3. Exécuter l'installateur du Compass
4. Copier le ``connection string`` et remplacer le ``db\_password`` par votre password

Connect to Cluster0

Set up connection security Choose a connection method Connect

Connecting with MongoDB Compass

I don't have MongoDB Compass installed I have MongoDB Compass installed

1. Select your operating system and download MongoDB Compass

Windows 64-bit (10+)

Download Compass (1.44.6) or Copy download URL

Compass is an interactive tool for querying, optimizing, and analyzing your MongoDB data.

2. Copy the connection string, then open MongoDB Compass

Use this connection string in your application

mongodb+srv://mkharbach1:<db\_password>@cluster0.nhikw.mongodb.net/

Replace <db\_password> with the password for the mkharbach1 user. Ensure any options are URL encoded. You can edit your database user password in Database Access.

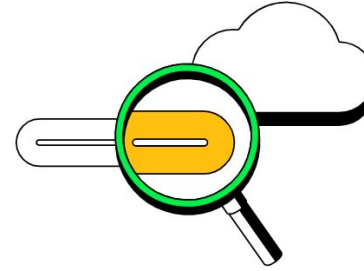
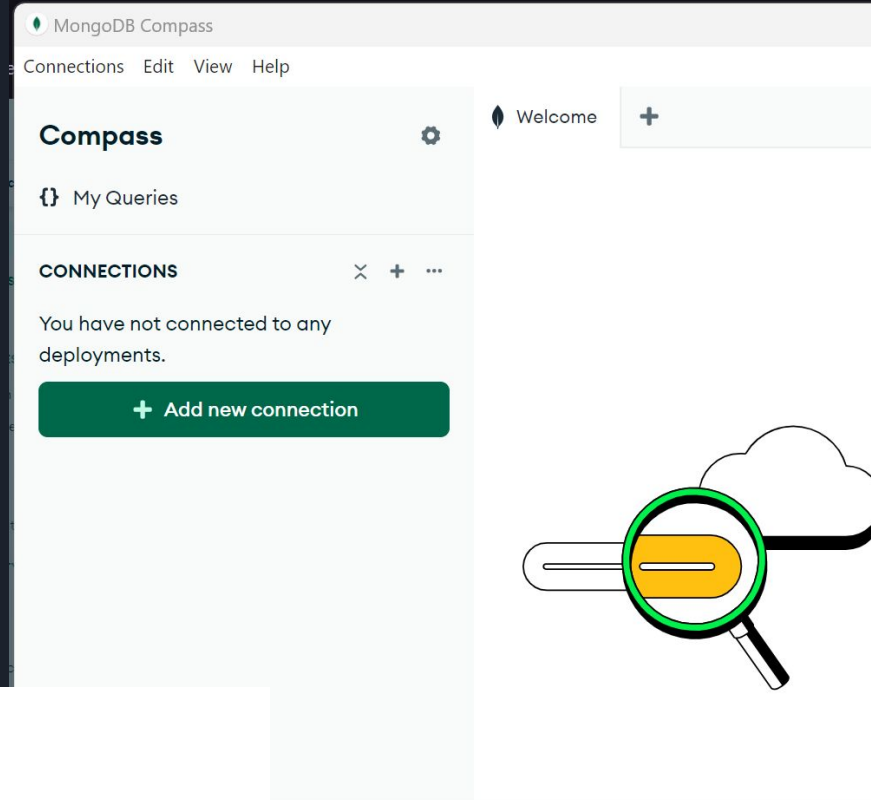
RESOURCES



08

MongoDB Compass

1. Cliquer sur ``Add new connection``
2. Ajouter le ``connection string``
3. Cliquer sur ``Save and Connect``



## New Connection

Manage your connection settings

URI ⓘ

Edit Connection String ☒

mongodb://localhost:27017/

Name

Color

No Color



08

Téléchargez et se connecter à MongoDB Compass

Ici, vous pouvez visualiser votre Base de données.

**CONNECTIONS** (1)

cluster0.nhikw.mongodb.net



admin



config



local



sample\_mflix