



PRACTICA 4

ZAMORA BAUTISTA ALEJANDRA ISABEL

INTRODUCCION MONGODB ATLAS

1. Creando el Proyecto

MongoDB Atlas

ORGANIZATION
Zamora Bautista's Org - 202...

Create a Project

1 Name Your Project 2 Add Members

Name Your Project
Project names have to be unique within the organization (and other restrictions).

Infra_Data_Proj

Add Tags (Optional)
Use tags to efficiently label and categorize your projects. A project can have a maximum of 50 tags. You can modify tags for the project later. [Learn more](#)

Key	Value	Actions
Select a key or enter your own	Select a value or enter your own	
+ Add tag		

0 TAGS

Cancel Next

2. Generando la base de datos

MongoDB Atlas

ORGANIZATION
Zamora Bautista's Org

PROJECT
Infra_Data_Proj

Your organization does not have a designated security contact. Add an Atlas Security Contact in [Organization Settings](#) to receive security-related notifications.

Infra_Data_Proj Overview

Create a cluster
Choose your cloud provider, region, and specs.

+ Create

Support Plan: [Basic Plan](#)

[CHAT WITH SUPPORT](#) [VIEW SUPPORT](#)

System Status: [All Good](#)

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3. Cluster0

Connect to Cluster0



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 (148.204.86.10) 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

alebelzamo_db_user

Password

JLY3ZmmUWEn2GIXY

HIDE

Copy

Create Database User

Close

Choose a connection method



Connecting with MongoDB Driver

1. Select your driver and version

We recommend installing and using the latest driver version.

Driver

Node.js

Version

6.7 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

```
mongodb+srv://alebelzamo_db_user:<db_password>@cluster0.0ix4eqt.mongodb.net/?appName=Cluster0
```

Replace **<db_password>** with the password for the **alebelzamo_db_user** database user. Ensure any option params are URL encoded.

RESOURCES

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

[Node.js Starter Sample App](#)

4. index.js

```
const { MongoClient, ServerApiVersion } = require('mongodb');
const uri = "mongodb+srv://alebelzamo_db_userJLY3ZmmUWEn2G1XY
@cluster0.0ix4eqt.mongodb.net/?appName=Cluster0";

// Create a MongoClient with a MongoClientOptions object to set the Stable API
version
const client = new MongoClient(uri, {
  serverApi: {
    version: ServerApiVersion.v1,
    strict: true,
    deprecationErrors: true,
  }
});

async function run() {
  try {
    // Connect the client to the server      (optional starting in v4.7)
    await client.connect();
    // Send a ping to confirm a successful connection
    await client.db("admin").command({ ping: 1 });
    console.log("Pinged your deployment. You successfully connected to
MongoDB!");
  } finally {
    // Ensures that the client will close when you finish/error
    await client.close();
  }
}
run().catch(console.dir);
```

5.

