

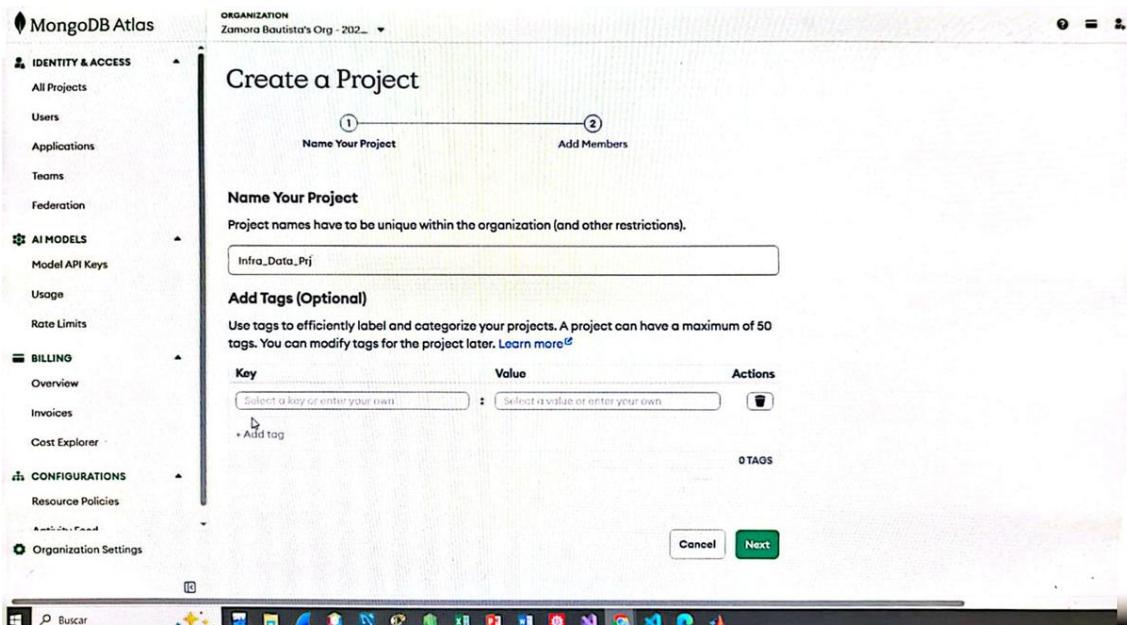


PRACTICA 4

ZAMORA BAUTISTA ALEJANDRA ISABEL

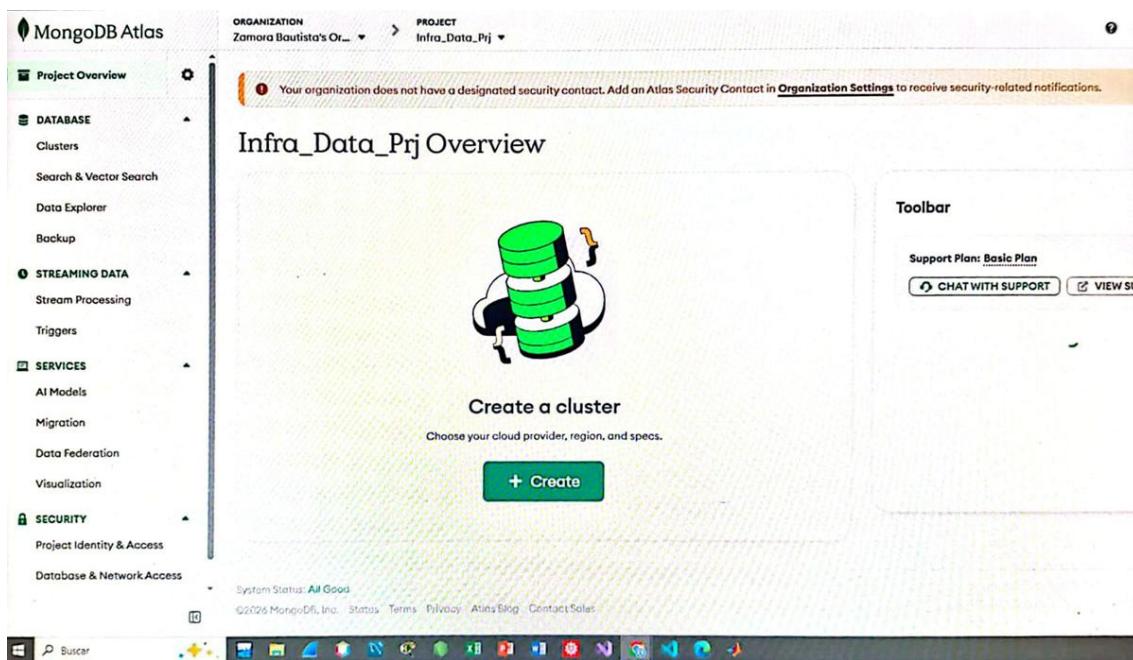
INTRODUCCION MONGODB ATLAS

1. Creando el Proyecto



The screenshot shows the 'Create a Project' page in the MongoDB Atlas web interface. On the left, there's a sidebar with sections like 'IDENTITY & ACCESS', 'AI MODELS', 'BILLING', 'CONFIGURATIONS', and 'SECURITY'. The main area has two steps: 'Name Your Project' (step 1) and 'Add Members' (step 2). Step 1 is active, showing a text input field with 'Infra_Data_Prj'. Below it is a section for 'Add Tags (Optional)' with a table for adding key-value pairs. At the bottom right are 'Cancel' and 'Next' buttons.

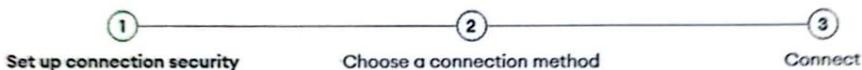
2. Generando la base de datos



The screenshot shows the 'Infra_Data_Prj Overview' page in the MongoDB Atlas web interface. The left sidebar includes 'Project Overview', 'DATABASE', 'STREAMING DATA', 'SERVICES', and 'SECURITY'. The main content area features a large green cylinder icon representing a database cluster. Below it is a 'Create a cluster' button with the sub-instruction 'Choose your cloud provider, region, and specs.' At the bottom right is a 'Toolbar' with a 'Support Plan: Basic Plan' message and 'CHAT WITH SUPPORT' and 'VIEW SUPPORT' buttons.

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	Password
alebelzamo_db_user	JLY3ZmmUWEn2G1XY

[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	Version
Node.js	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.

ORGANIZATION Zuman Bandit's Org > PROJECT Infra_Data.Pj

Data Explorer

My Queries

Data Modeling

CLUSTERS (0)

Search clusters

Cluster0

admin

local

sample_mflix

comments

embedded_movies

movies

sessions

theaters

users

_id: ObjectId('573a1390f29313ca0bd47e6')

plot: "A group of bandits stage a brazen train hold-up, only to find a demented...

genres: [Array (2)]

runtime: 111

cast: [Array (4)]

poster: "https://m.media-amazon.com/images/I/81NzYLYTYVwN500MDvmlWwYJ..."

title: "The Great Train Robbery"

fullplot: "Among the earliest existing films in American cinema - notable as the ..."

languages: [Array (1)]

released: 1903-12-01T00:00:00+00:00

directors: [Array (1)]

rating: "G"

awards: [Object]

lastupdated: "2015-08-13 00:27:59.177000000"

info: [Object]

countries: [Array (1)]

type: "movie"

System Status: All Green

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