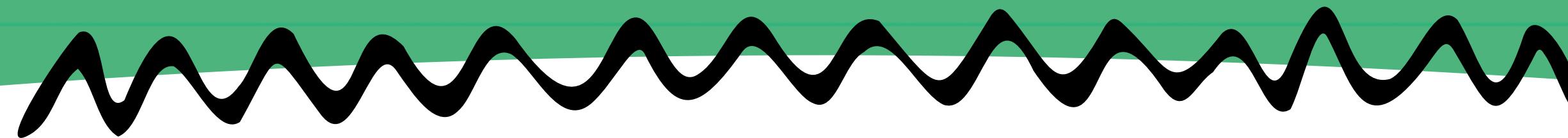




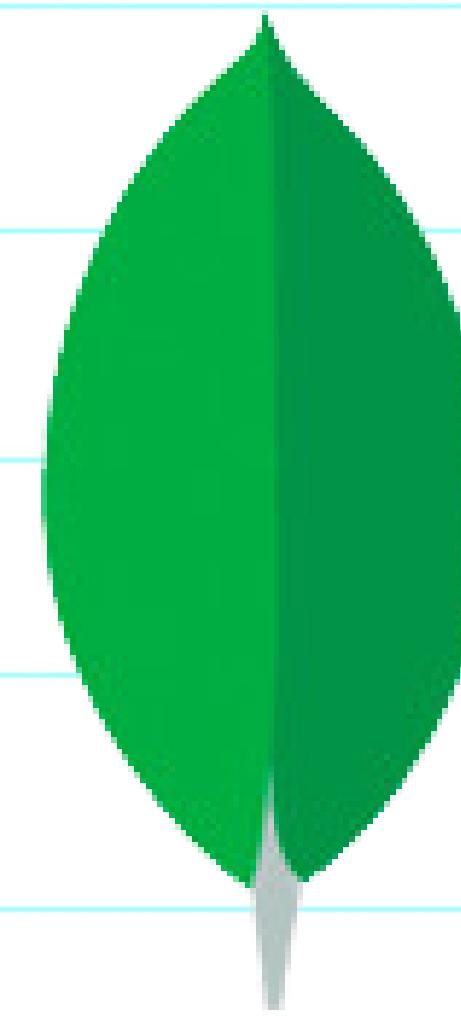
MONGO DB



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TDM 52





mongoDB

INSTALACIÓN

- Mongo Atlas
- Mongo Compass
- Mongo Shell



¿QUÉ ES MONGO DB?



Es una base de datos NoSQL orientada a documentos que apareció en el año 2000, se utiliza para almacenar volúmenes masivos de datos.

A diferencia de una base de datos relacional SQL tradicional, MongoDB no se basa en tablas y columnas.

Los datos se almacenan como colecciones y documentos.



PASOS A SEGUIR

1. Iniciar con el registro en mongo db atlas del siguiente link: <https://www.mongodb.com>

The image shows a registration form for MongoDB Atlas. The left side of the form is a dark green sidebar containing two bullet points with descriptions. The right side is a white form area with input fields.

MongoDB Atlas

- ✓ **Trabaje con sus datos como código**
Los documentos en MongoDB se asignan directamente a los objetos en su lenguaje de programación. Modifique su esquema cómo sus aplicaciones se desarrollen con el tiempo.
- ✓ **Enfóquese en construir, no en administrar**
Deje que MongoDB Atlas se encargue de las operaciones de infraestructura que necesita para un rendimiento a escala, desde la

Registrarse

Vea de forma gratuita lo que Atlas es capaz de hacer

[Regístrate con Google](#)

Nombre*

Apellido*

Empresa

2. Una vez realizado el registro necesario, seleccionamos el serve y damos siguiente hasta que aparezca la siguiente pantalla.

The screenshot shows the MongoDB Atlas Data Services Overview page for the 'Project 0' cluster. The left sidebar lists various services: Overview, Deployment, Database, Data Lake, Services (Device & Edge Sync, Triggers, Data API, Data Federation, Atlas Search, Stream Processing, Migration), Security (Quickstart, Backup), and Tasks (Load sample data, Navigate to Mflix collection). The main area displays the 'Clusters' section for 'Cluster0', showing a success message: 'Sample Dataset successfully loaded! Browse this collection.' It includes 'Connect' and 'Edit configuration' buttons, and links to 'Browse collections' and 'View monitoring'. A 'Create cluster' button is also present. On the right, a 'Tasks' sidebar provides a guide to using the sample data, stating '1 of 6 done' and 'About 5 minutes left'. The sidebar steps include 'Load sample data' (done) and 'Navigate to Mflix collection'. The bottom right corner features a 'Tasks' icon with a red notification badge showing '1'.

3. Despues ingresamos de nuevo a la pagina principal de mongo db y damos click en productos, seleccionamos edicion comunitaria.

The screenshot shows the official MongoDB website. At the top, there is a dark header bar with a 'NEW' button, a 'Start here >' link, and navigation links for Products, Resources, Solutions, Company, and Pricing. Below the header is a search bar and a menu icon. The main content area is divided into sections: 'PLATFORM' (Atlas, Database, Search, Vector Search, Stream Processing), 'SELF MANAGED' (Enterprise Advanced, Community Edition, Compass, Integrations, Relational Migrator), and 'TOOLS'. A large callout box highlights the 'Community Edition' section, which is described as 'Develop locally with MongoDB'. To the right of the main content, there are three promotional boxes: 'Build with MongoDB Atlas' (Sign Up), 'Test Enterprise Advanced' (Download), and 'Try Community Edition' (Download). A 'Contact Us' button is also visible.

NEW Develop your AI future on MongoDB [Start here >](#)

MongoDB Products Resources Solutions Company Pricing

PLATFROM

- Atlas** Build on a developer data platform
- Database** Deploy a multi-cloud database
- Search** Deliver engaging search experiences
- Vector Search** Design intelligent apps with gen AI
- Stream Processing** Unify data in motion and data at rest

View All Products Explore our full developer suite

SELF MANAGED

- Enterprise Advanced** Run and manage MongoDB yourself
- Community Edition** Develop locally with MongoDB
- Compass** Work with MongoDB data in a GUI
- Integrations** Integrations with third-party services
- Relational Migrator** Migrate to MongoDB with confidence

TOOLS

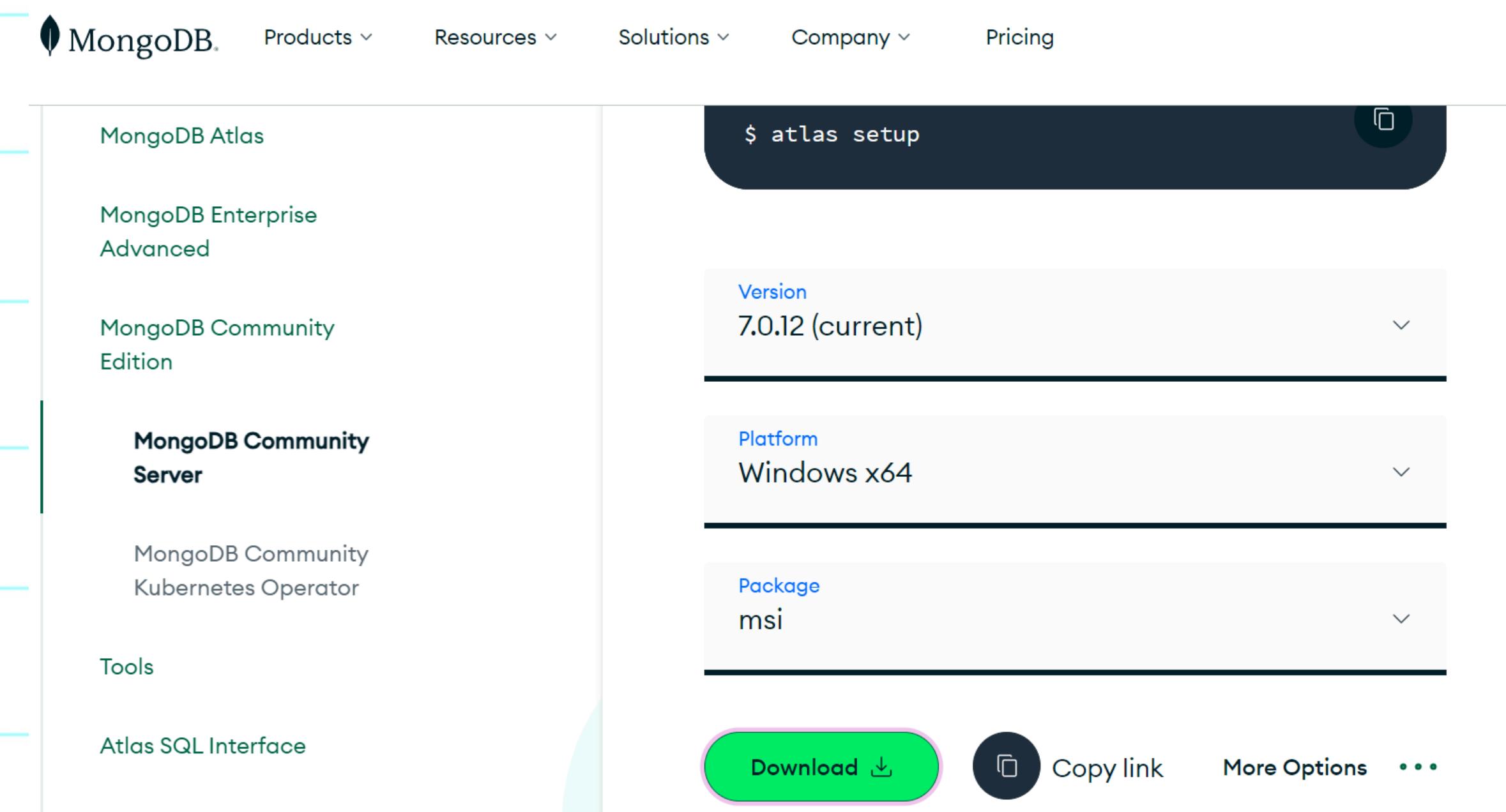
Build with MongoDB Atlas
Get started for free in minutes [Sign Up](#)

Test Enterprise Advanced
Develop with MongoDB on-premises [Download](#)

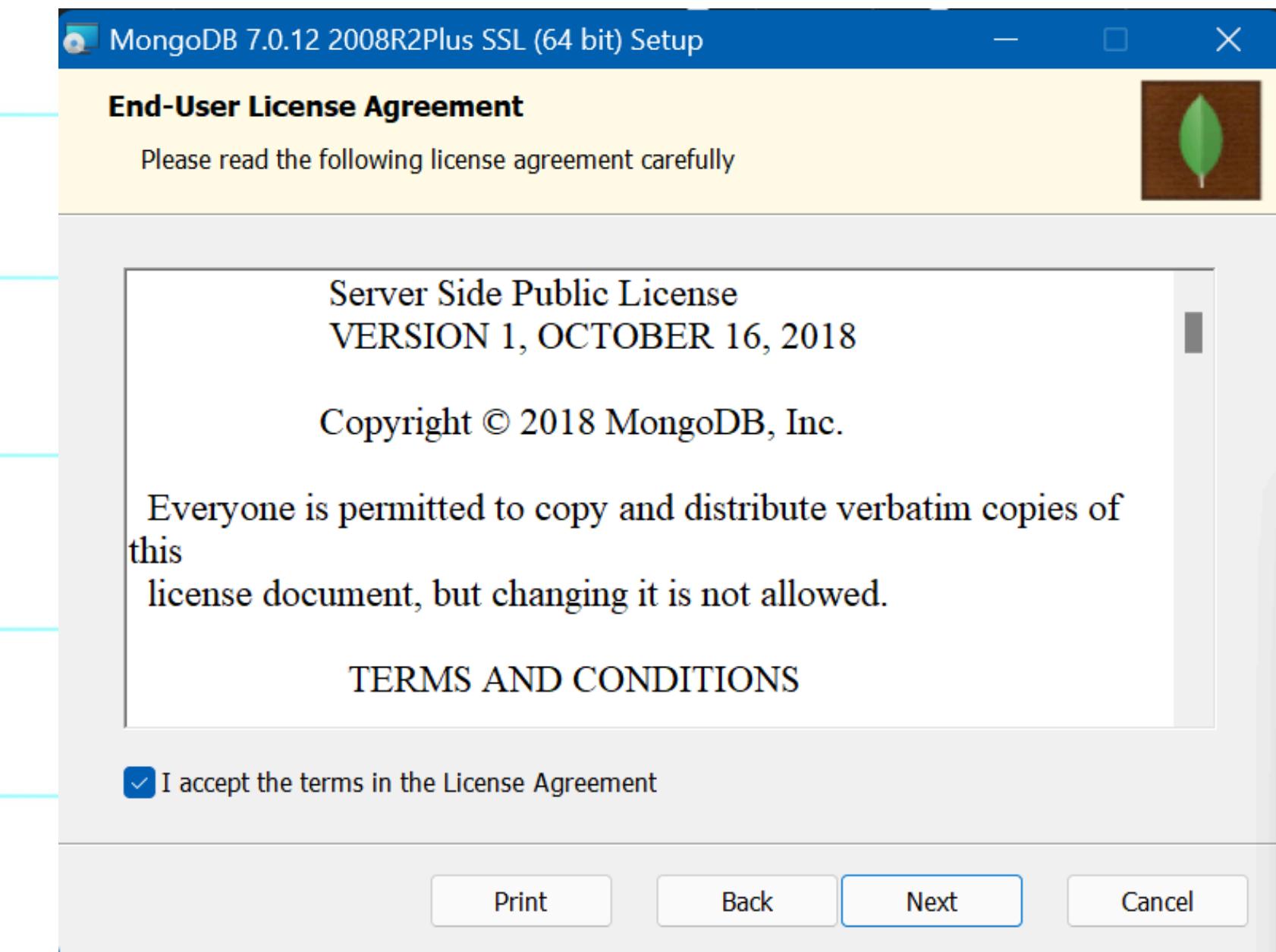
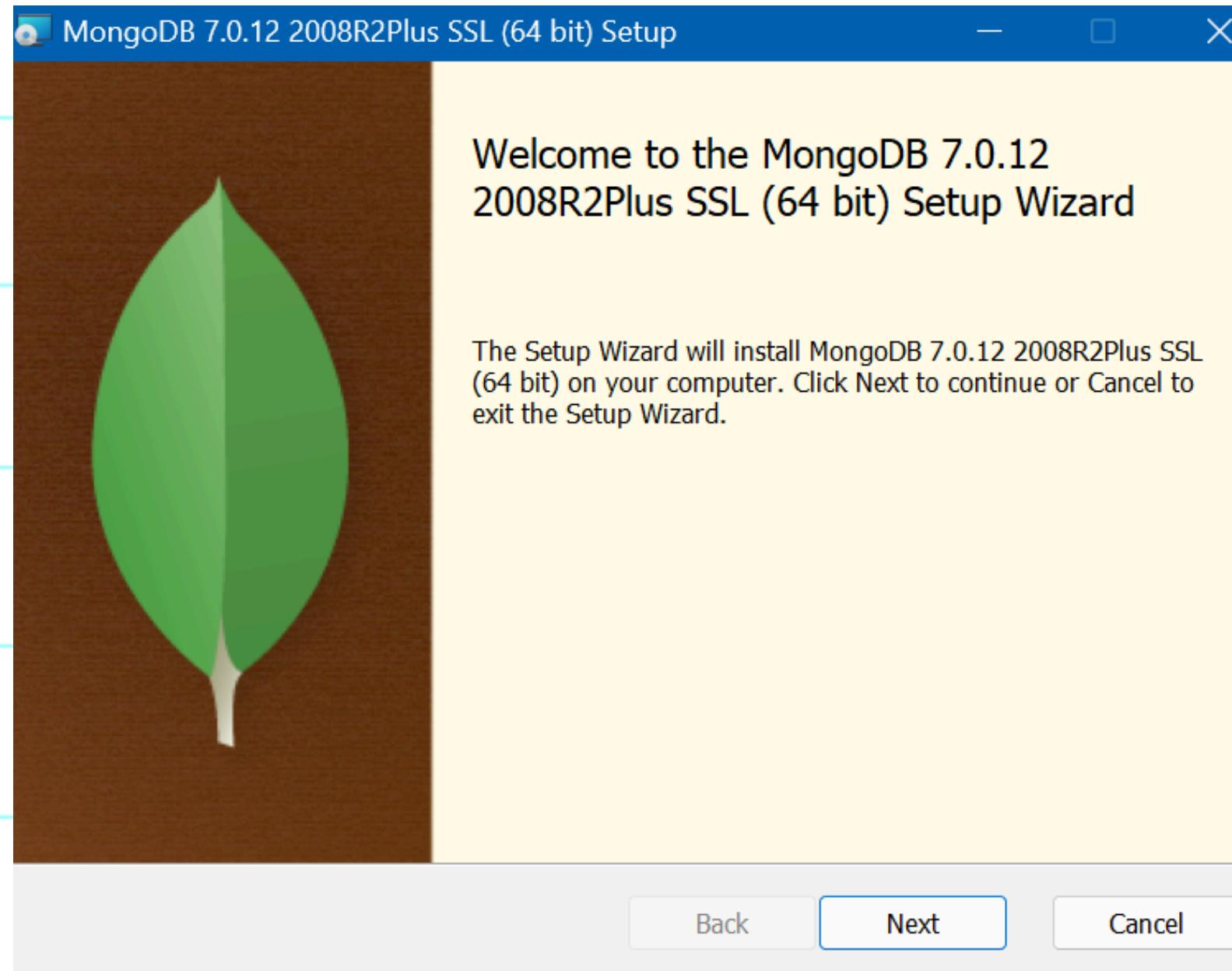
Try Community Edition
Explore the latest version of MongoDB [Download](#)

Contact Us

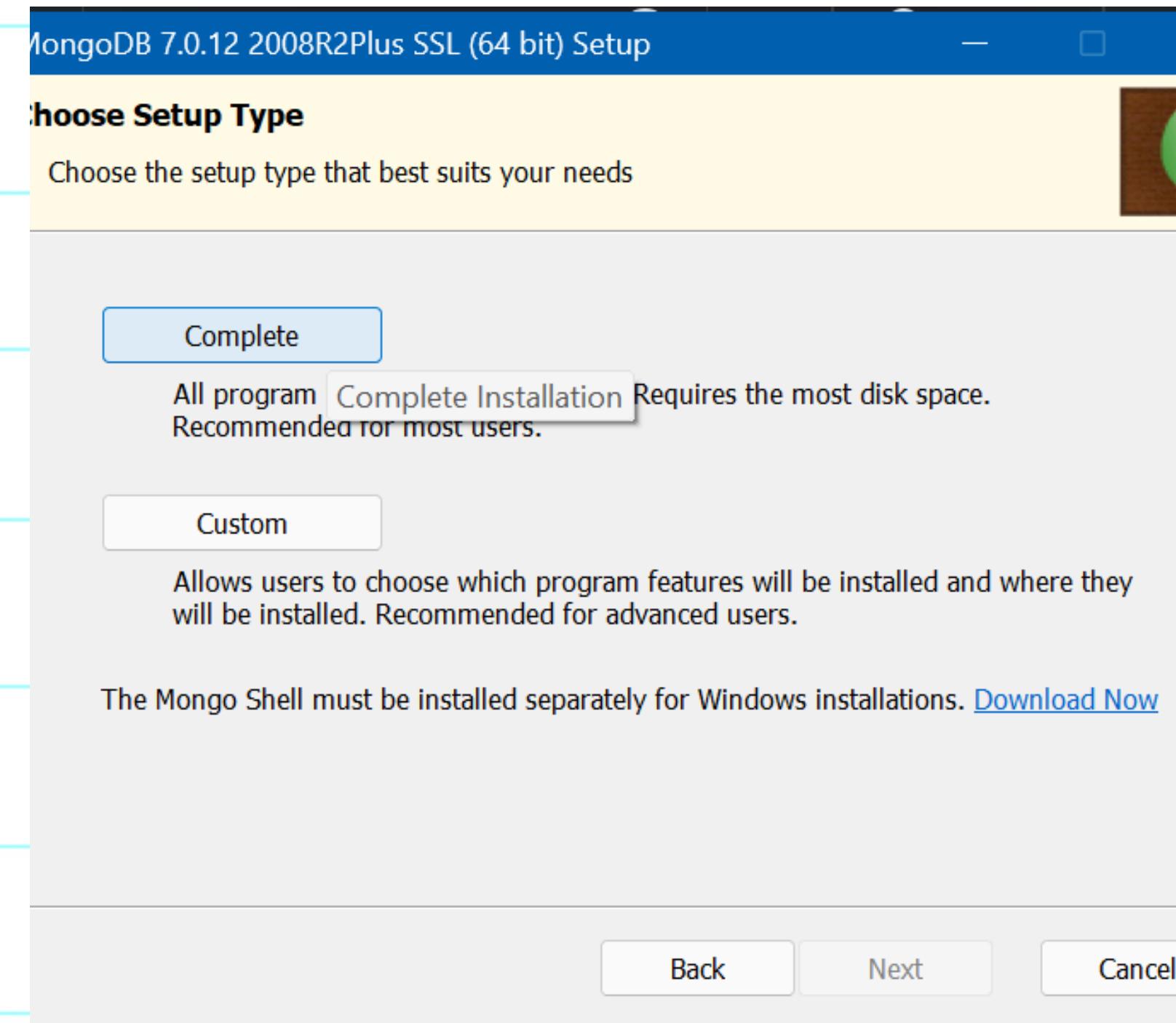
4. Al momento de seleccionarlo nos permite descargar los archivos, dar click en Descargar y esperar para ejecutar los documentos.



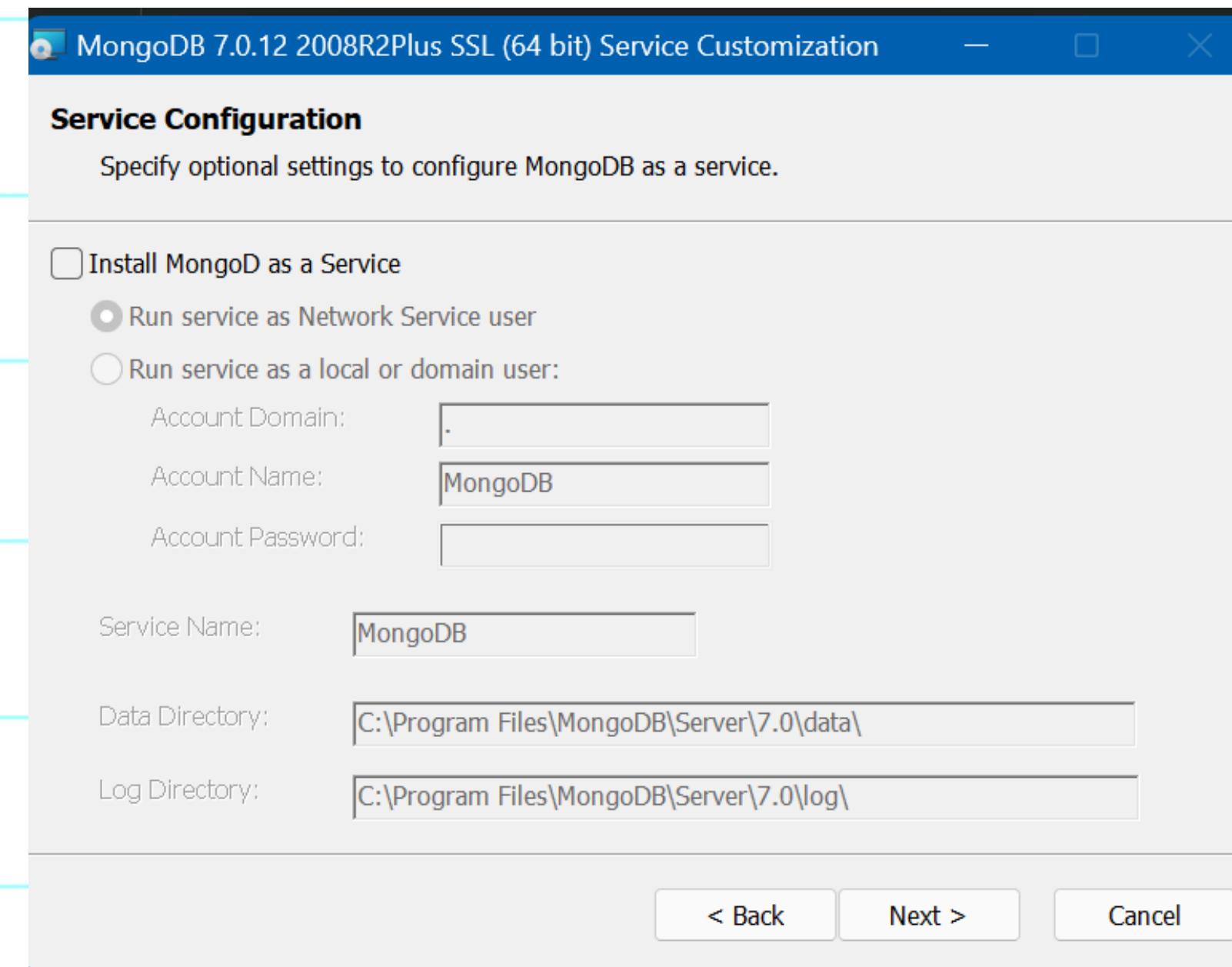
5. Iniciamos con la Instalacion del archivo .msi, aceptamos los terminos y condiciones.



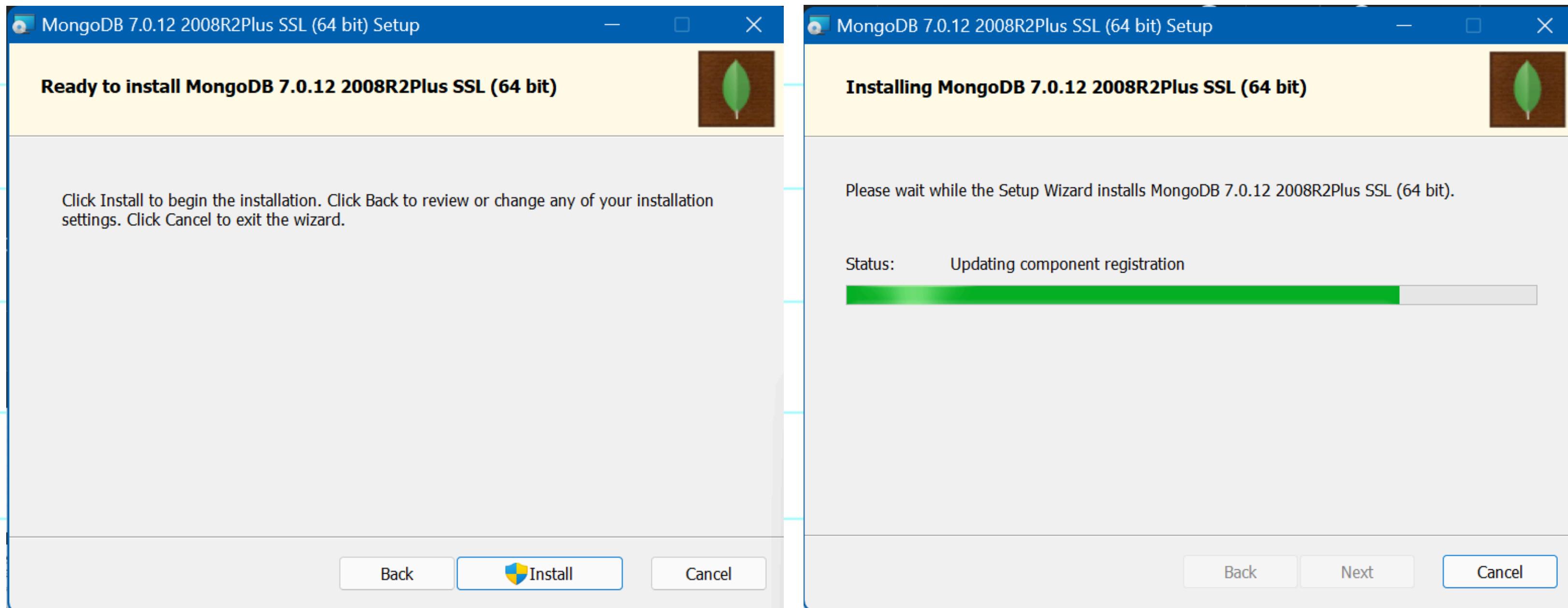
6. Seleccionamos completo y damos siguiente



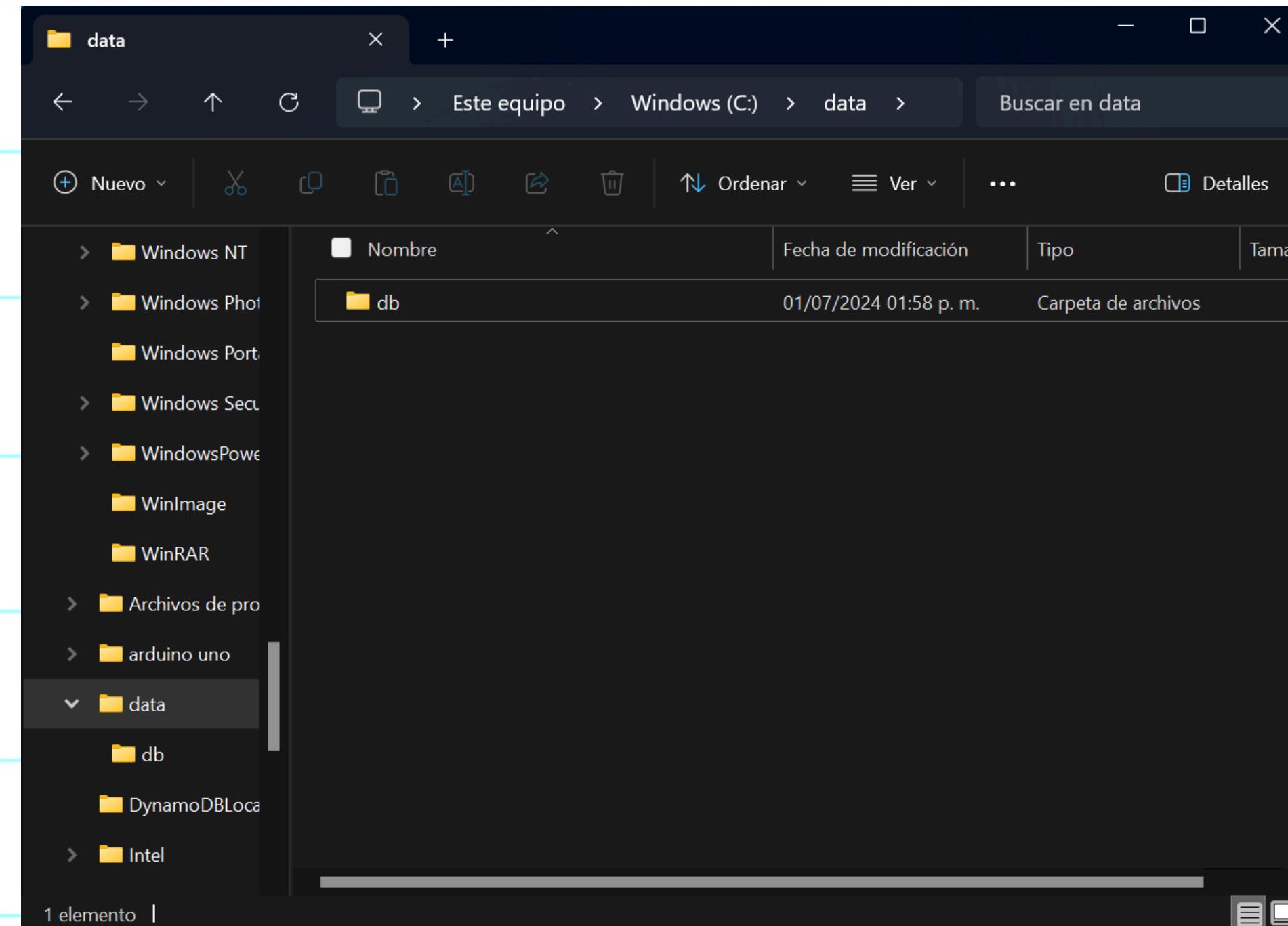
7. Desactivamos el instalador como servidor principal y vamos siguiente



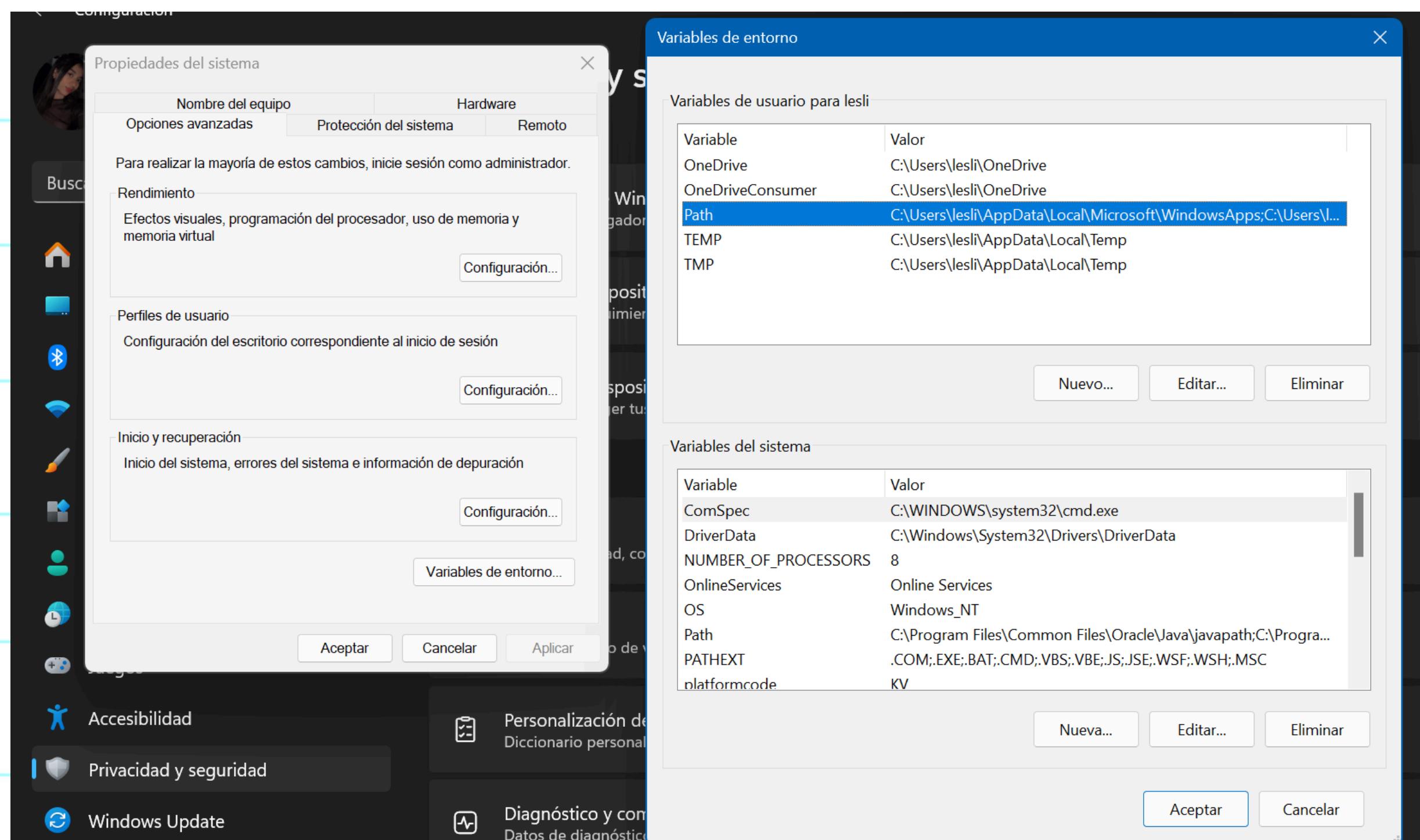
8. Despues solo aceptaos e instalamos.



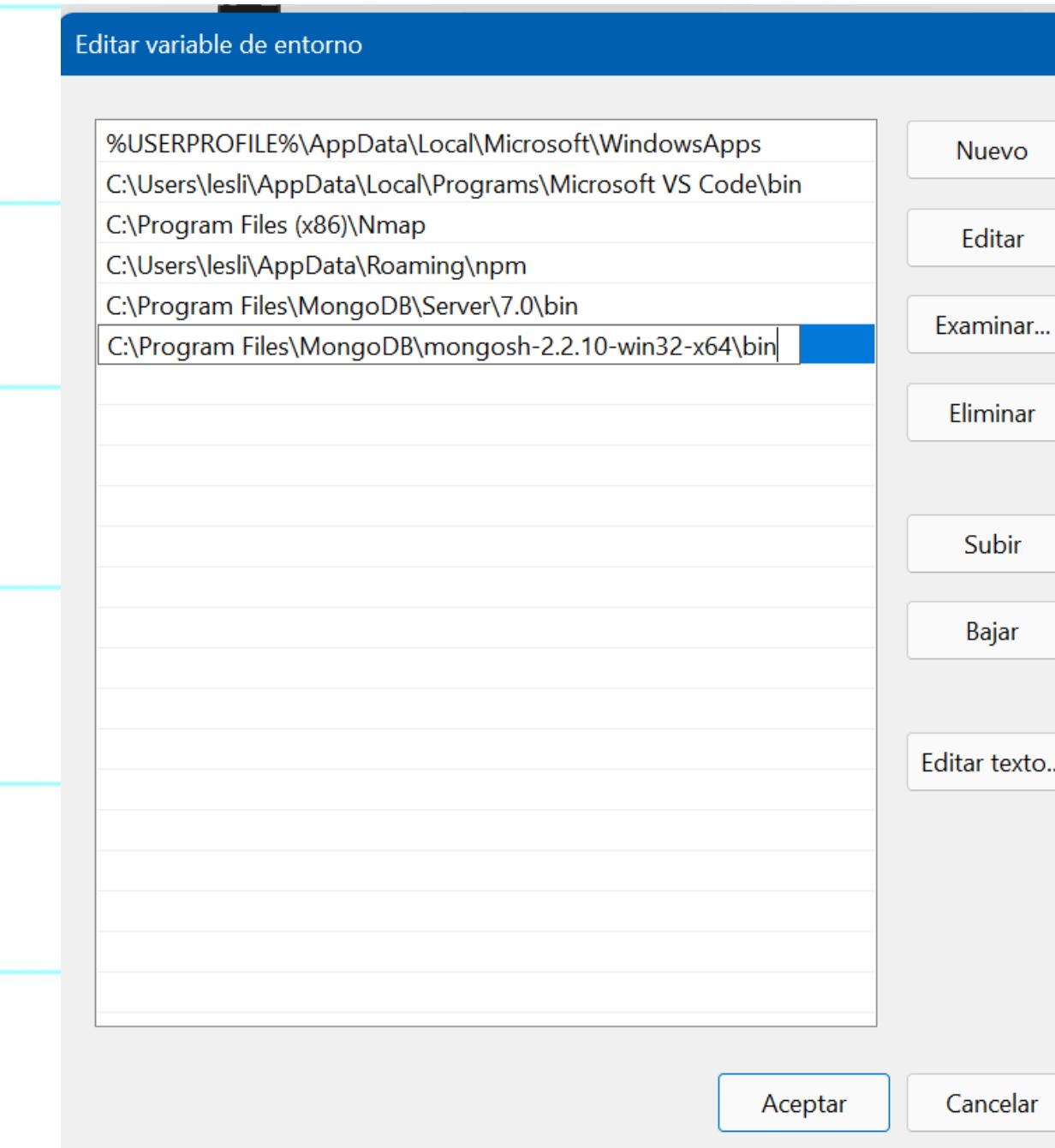
Importante: Debemos de crear una carpeta en el (C:) llamada data y dentro de ella crear otra llamada db para que se guarden los datos



9. Debemos de editar las variables de entorno despues de haber descomprimido el archivo de shell en la carpeta bin donde se instaló mongo db.



10. Agregamos las rutas de nuestras carpetas en bin y damos aceptar



Por ultimo verificamos que la instalacion este correctamente

```
C:\WINDOWS\system32\cmd. × + ▾
Microsoft Windows [Versión 10.0.22631.3737]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\lesli>mongod.exe --version
db version v7.0.12
Build Info: {
    "version": "7.0.12",
    "gitVersion": "b6513ce0781db6818e24619e8a461ea90bc94fc",
    "modules": [],
    "allocator": "tcmalloc",
    "environment": {
        "distmod": "windows",
        "distarch": "x86_64",
        "target_arch": "x86_64"
    }
}
C:\Users\lesli>
```

```
C:\Users\lesli>mongosh
Current Mongosh Log ID: 66830a9798cce6e613cc8987
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2
.2.10
MongoNetworkError: connect ECONNREFUSED 127.0.0.1:27017
C:\Users\lesli>
```

¡ GRACIAS !

