

Install and Update Cloud & Monitor

Introduction

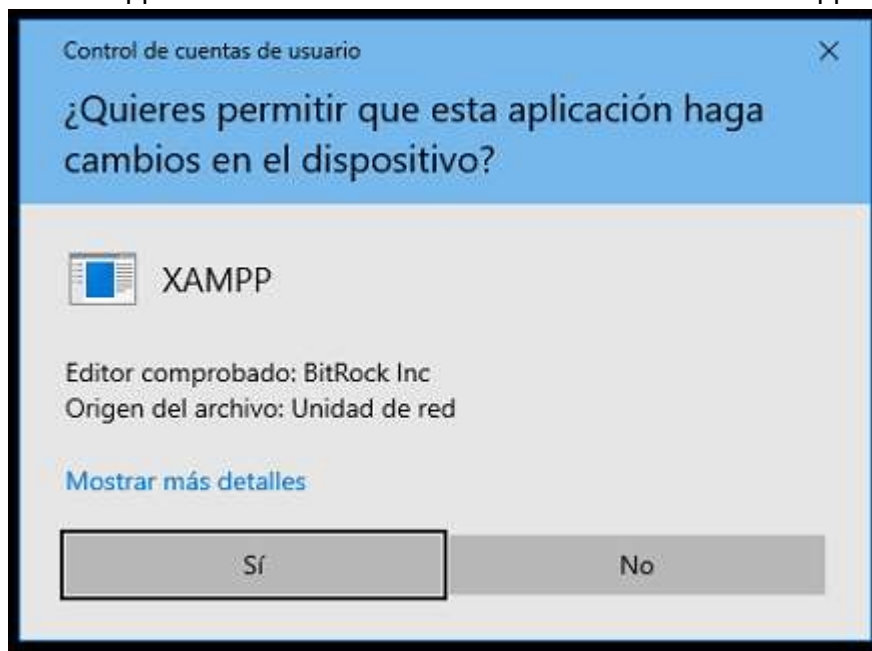
This file explains how to install the requirements, make the services and update the Cloud/Monitor software.

Requirements installation:

Windows:

- Xampp

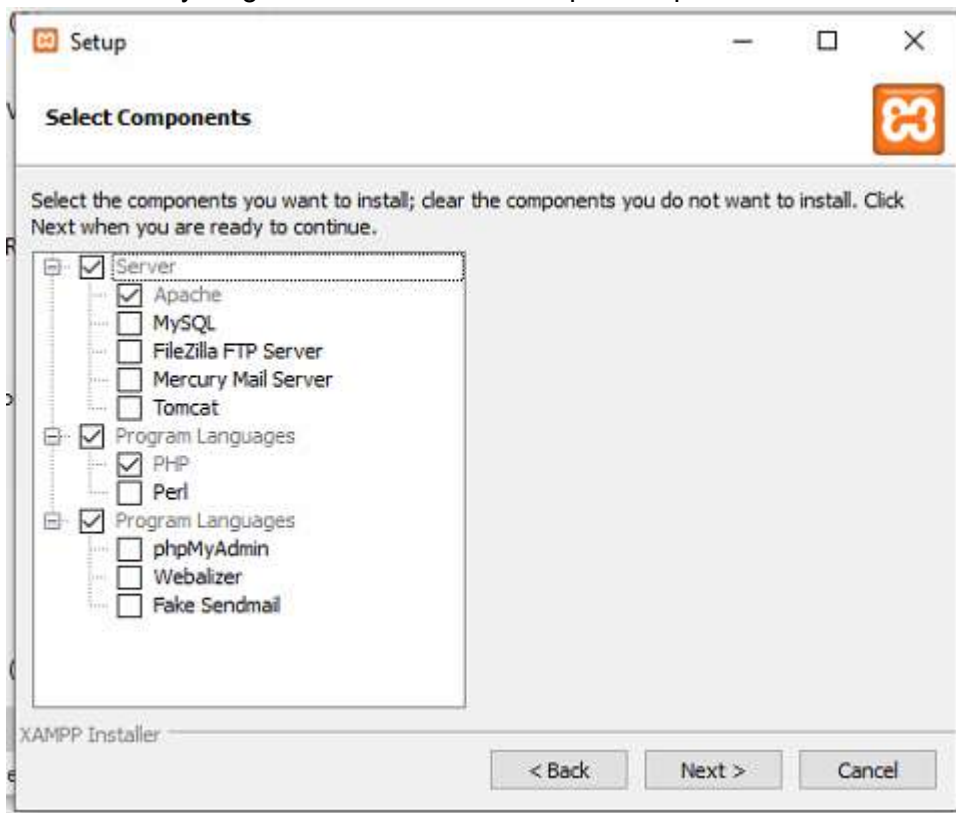
Run xampp-win32-7.2.11-0-VC15-installer.exe and allow the app to make changes.



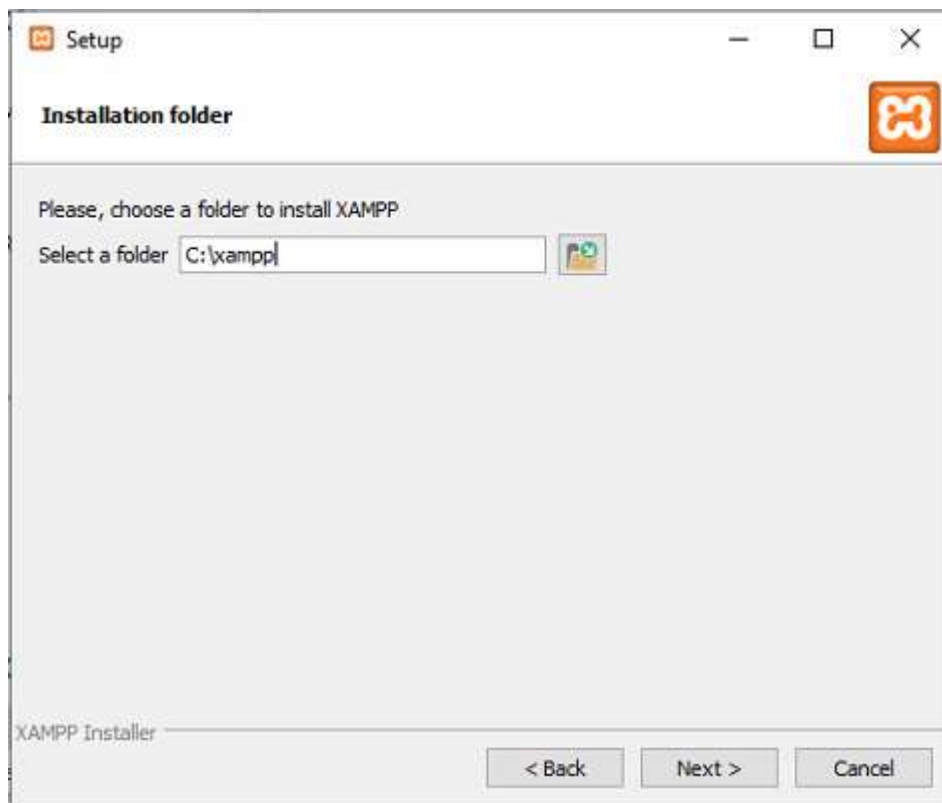
In the Setup window, click Next:



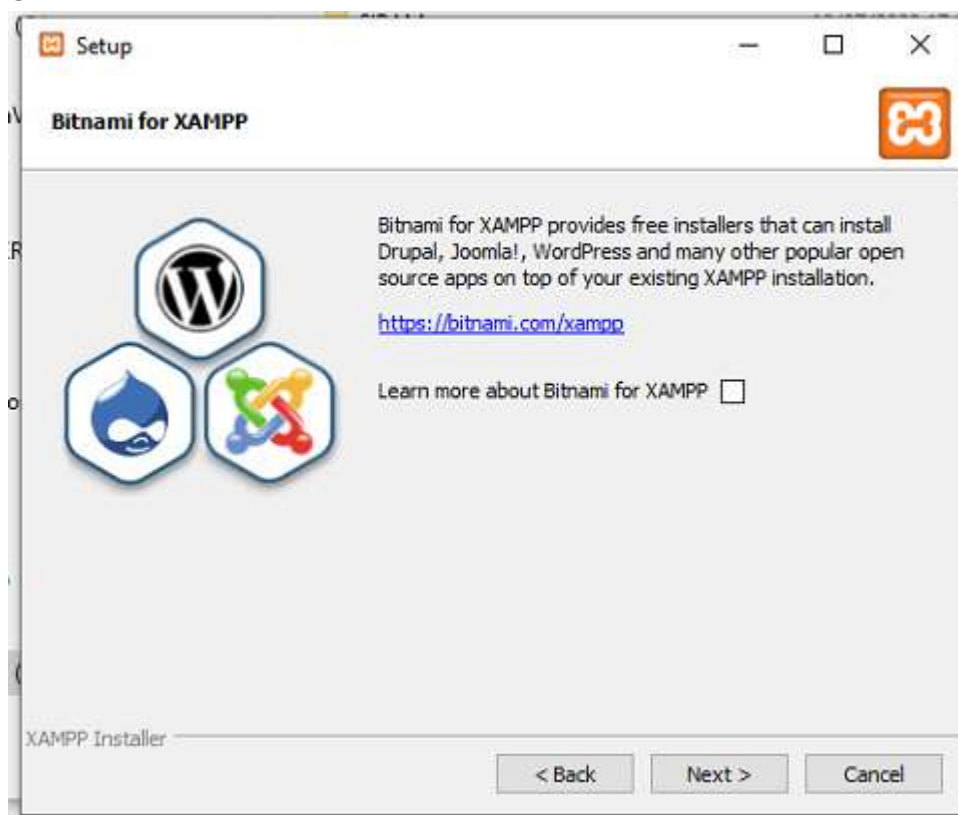
Remove everything from the selection except for “Apache” and “PHP” and click Next.



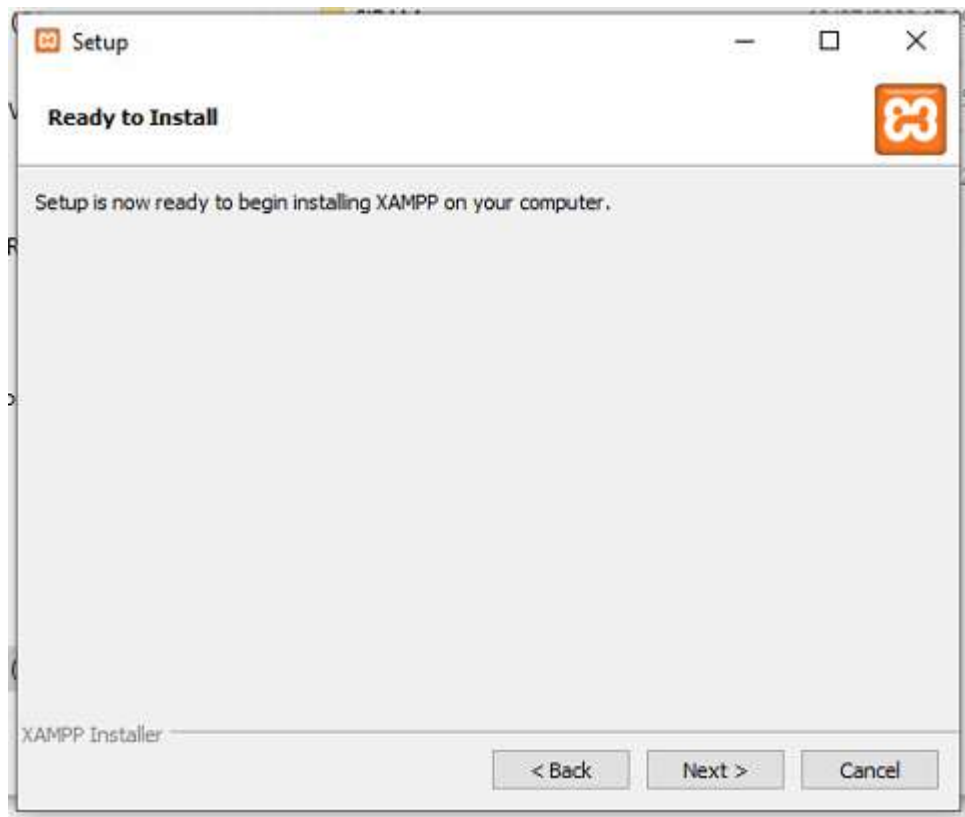
Choose the installation folder and click Next.



Uncheck the box and click Next.



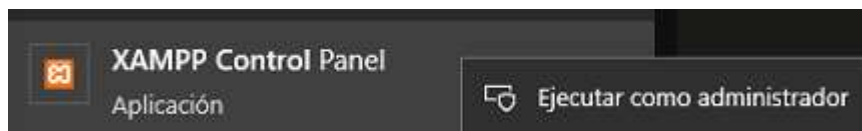
Click Next to start the installation.



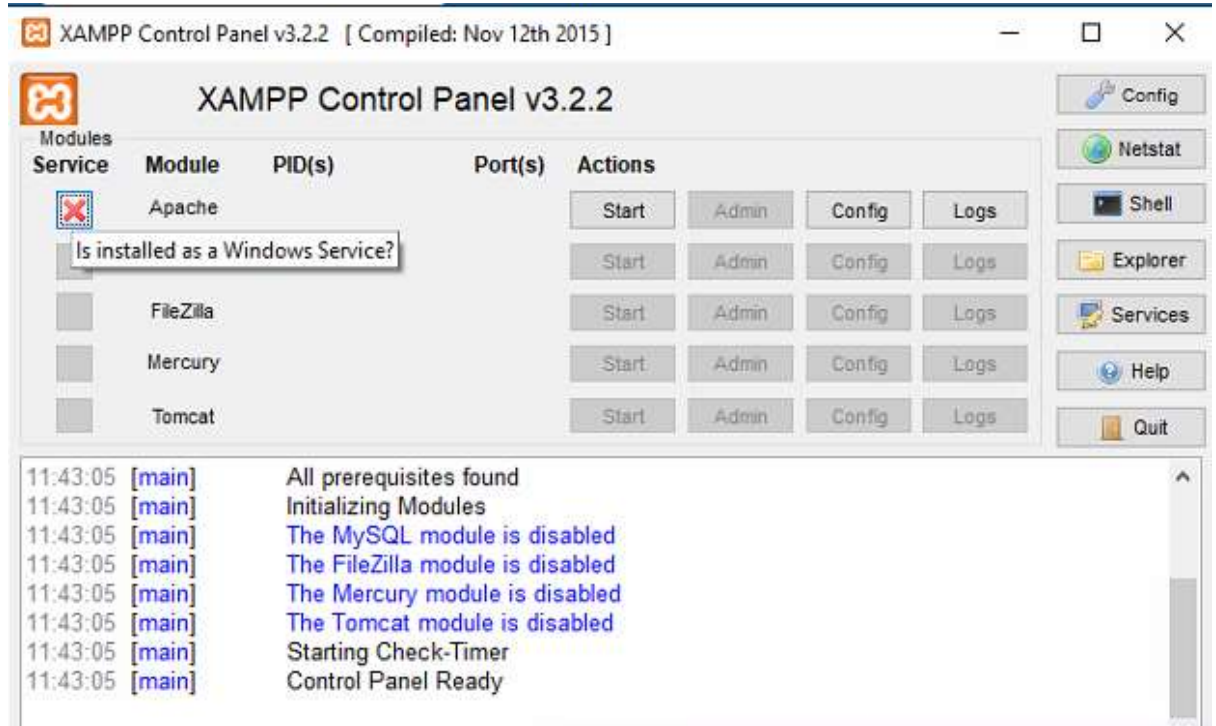
When the installation is complete, uncheck the box and click Finish.



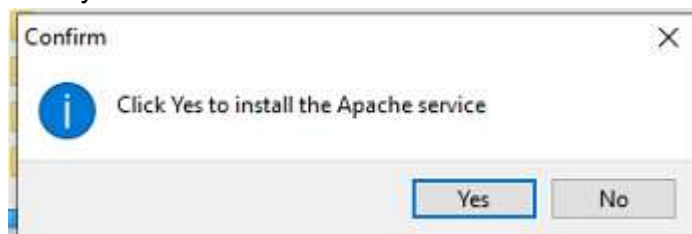
Start XAMPP Control Panel with administrator rights.



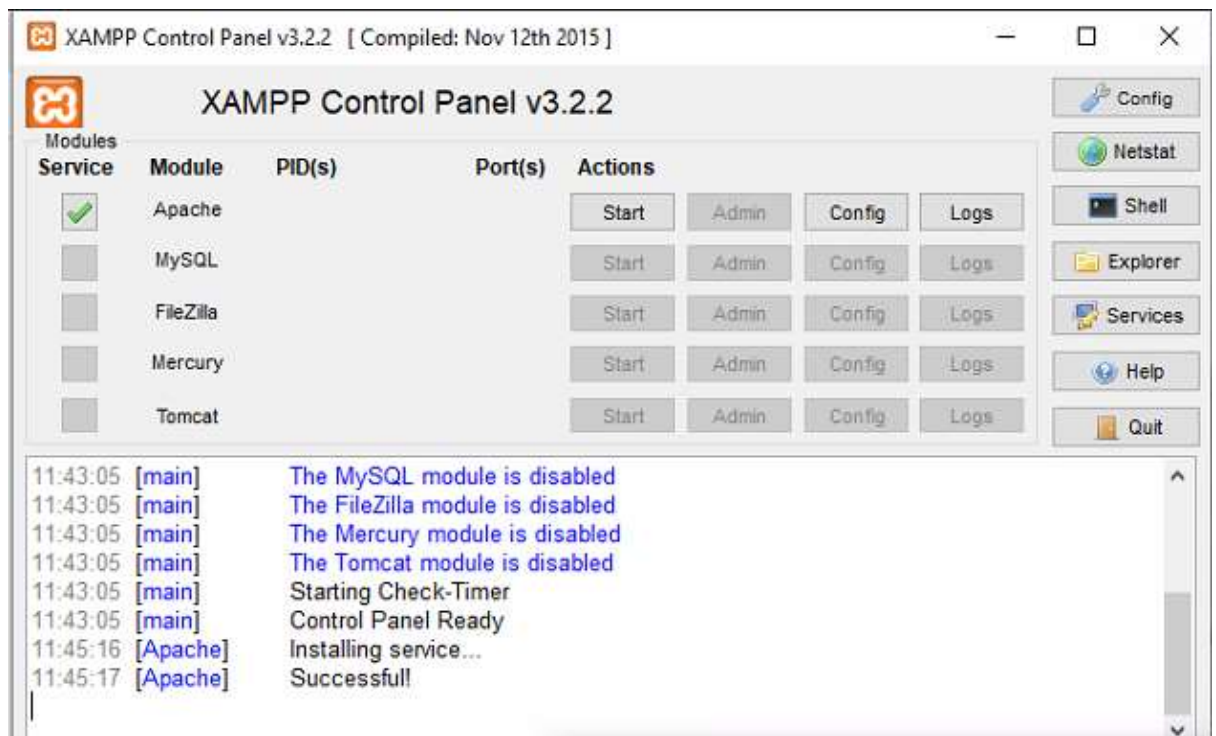
Click on the red cross next to Apache to install it as a Service.



Click yes to confirm.

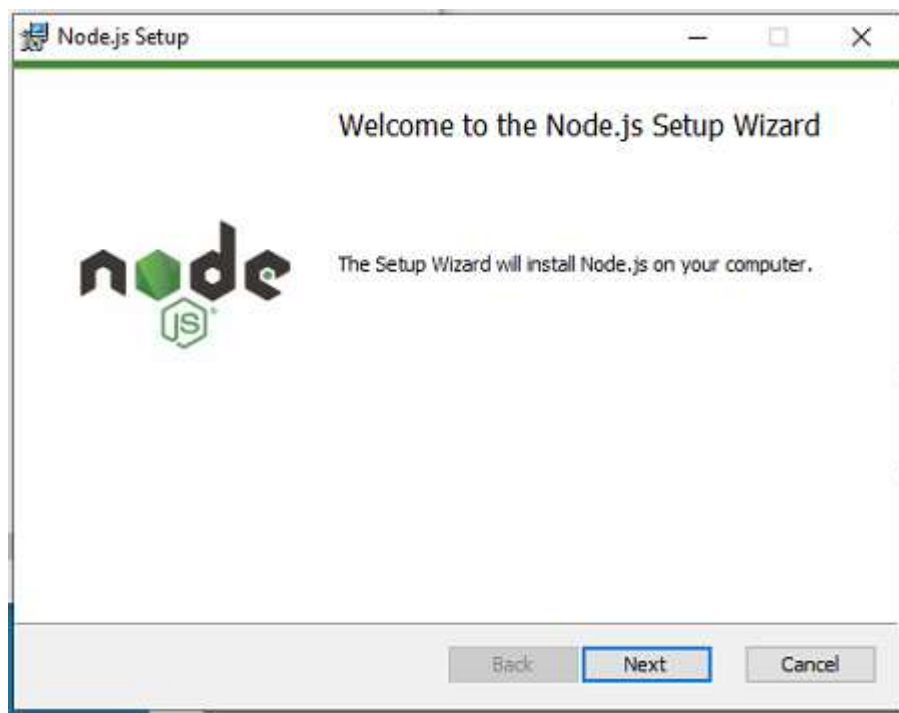


When the installation is complete you'll see a green check next to Apache.

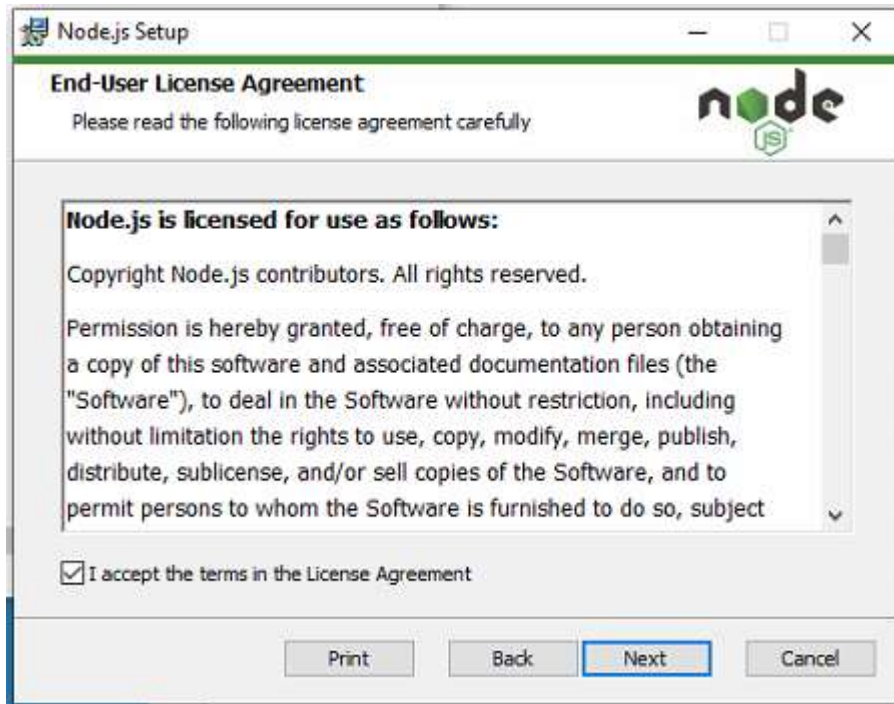


- Node

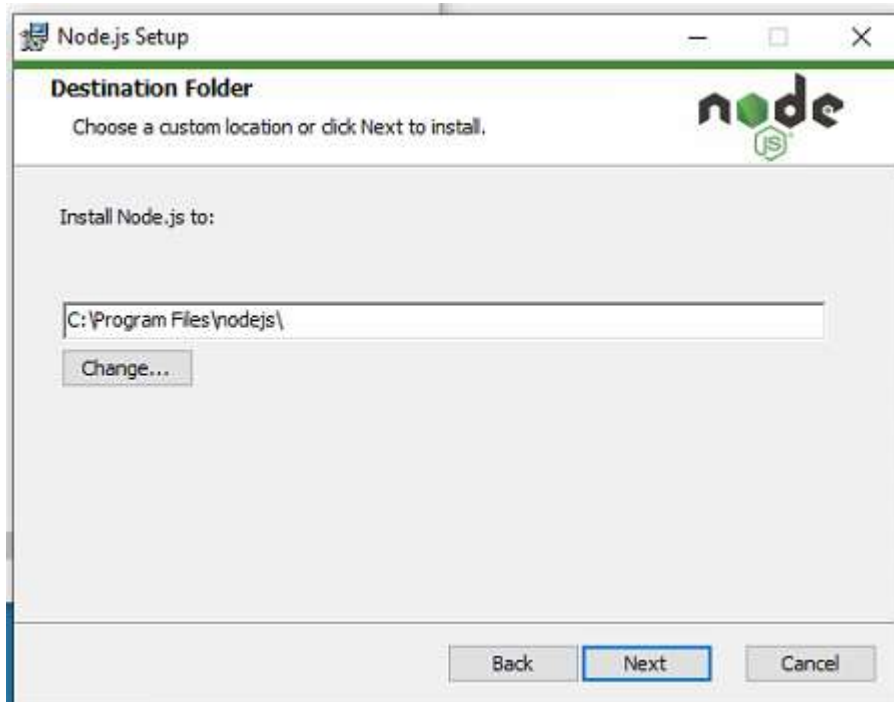
Run node-v8.11.1-x64.exe. Click Next in the Setup Wizard.



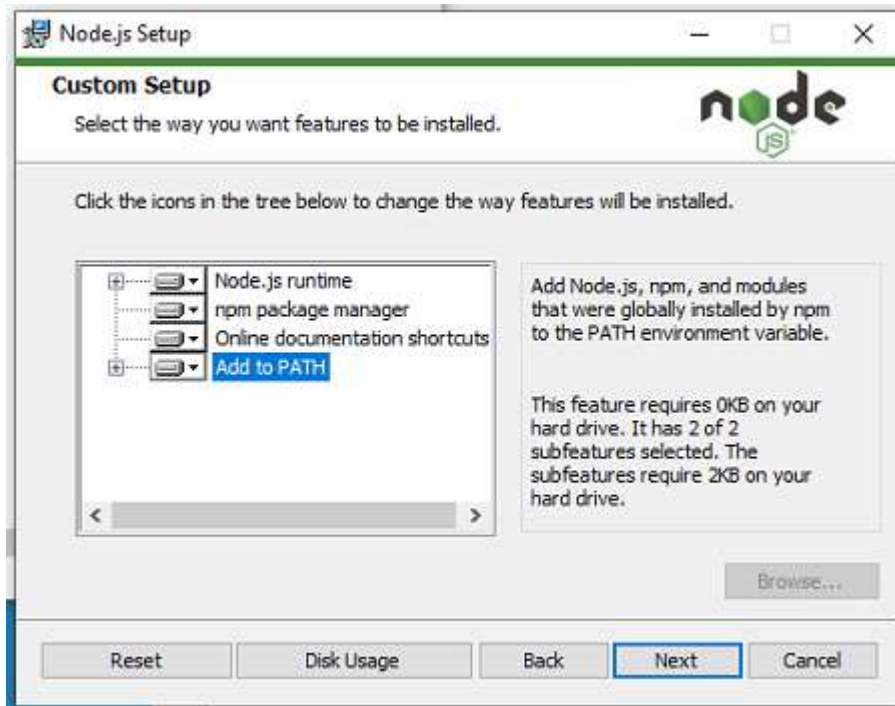
Accept the license agreement and click Next.



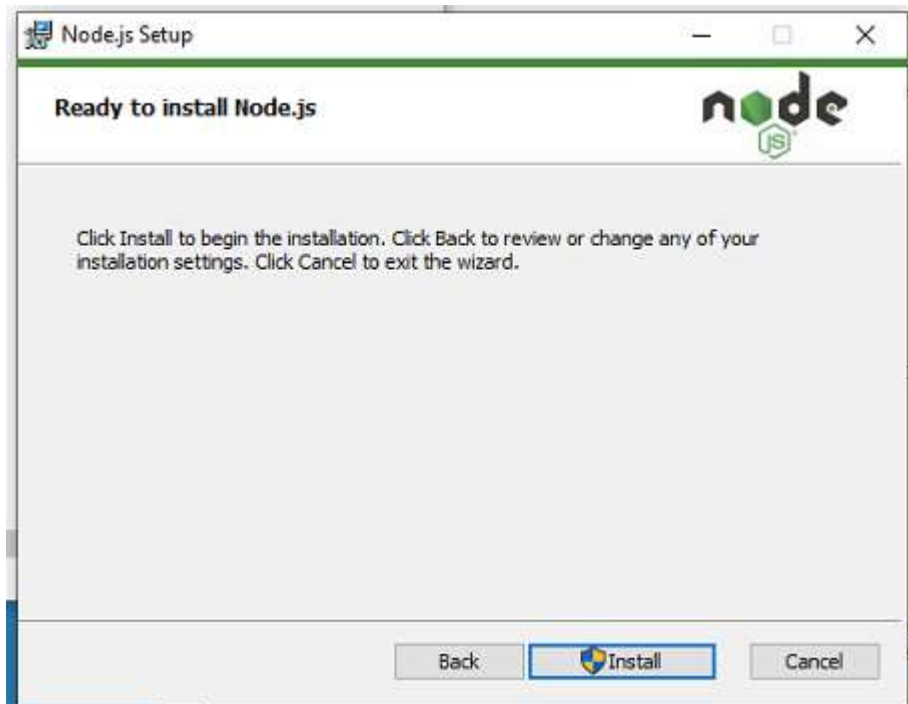
Select the installation path and click Next.



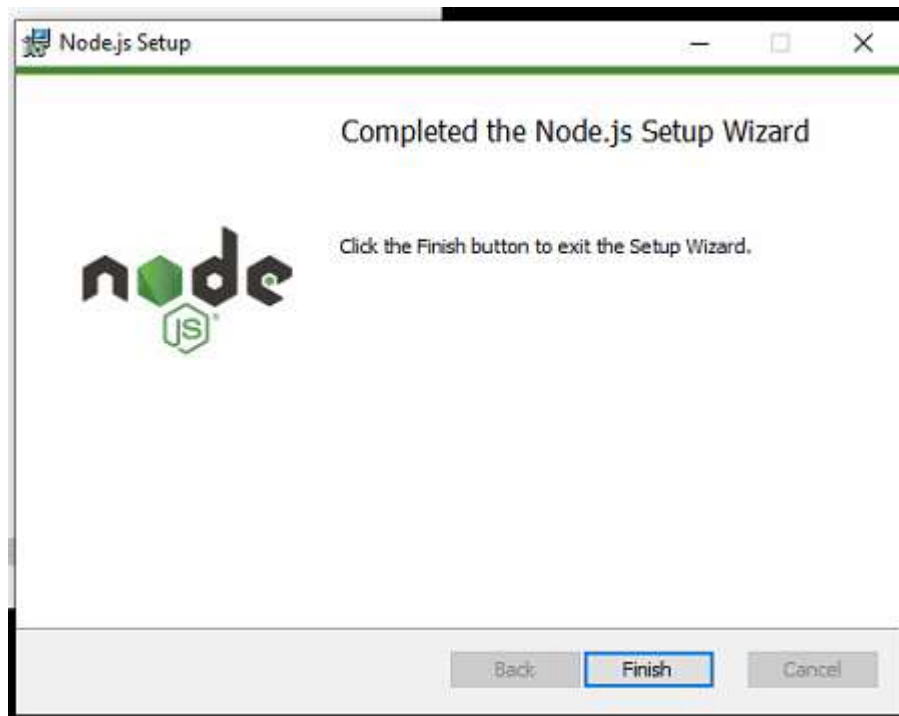
Click Next.



Click Install and allow the application to make changes.

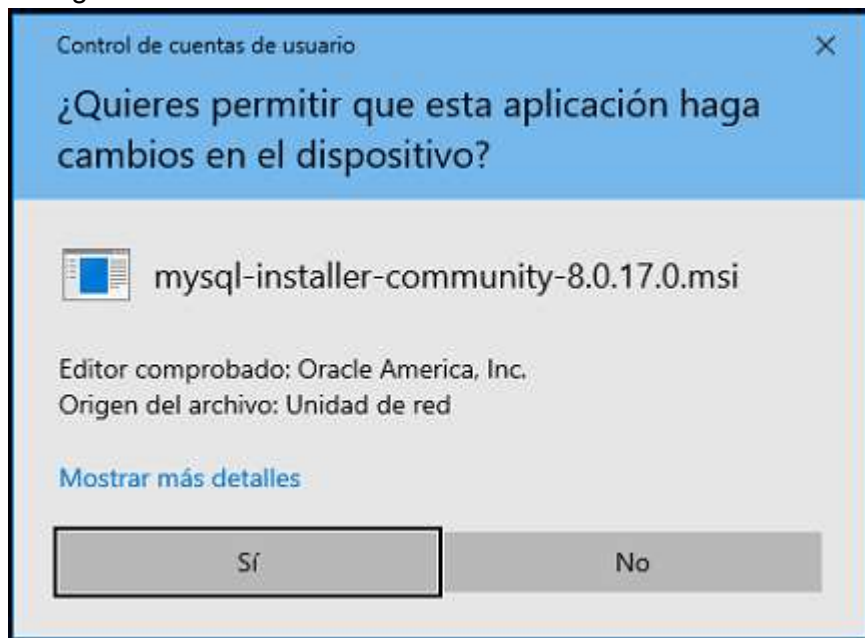


Once it's installed, click Finish to exit the installation.

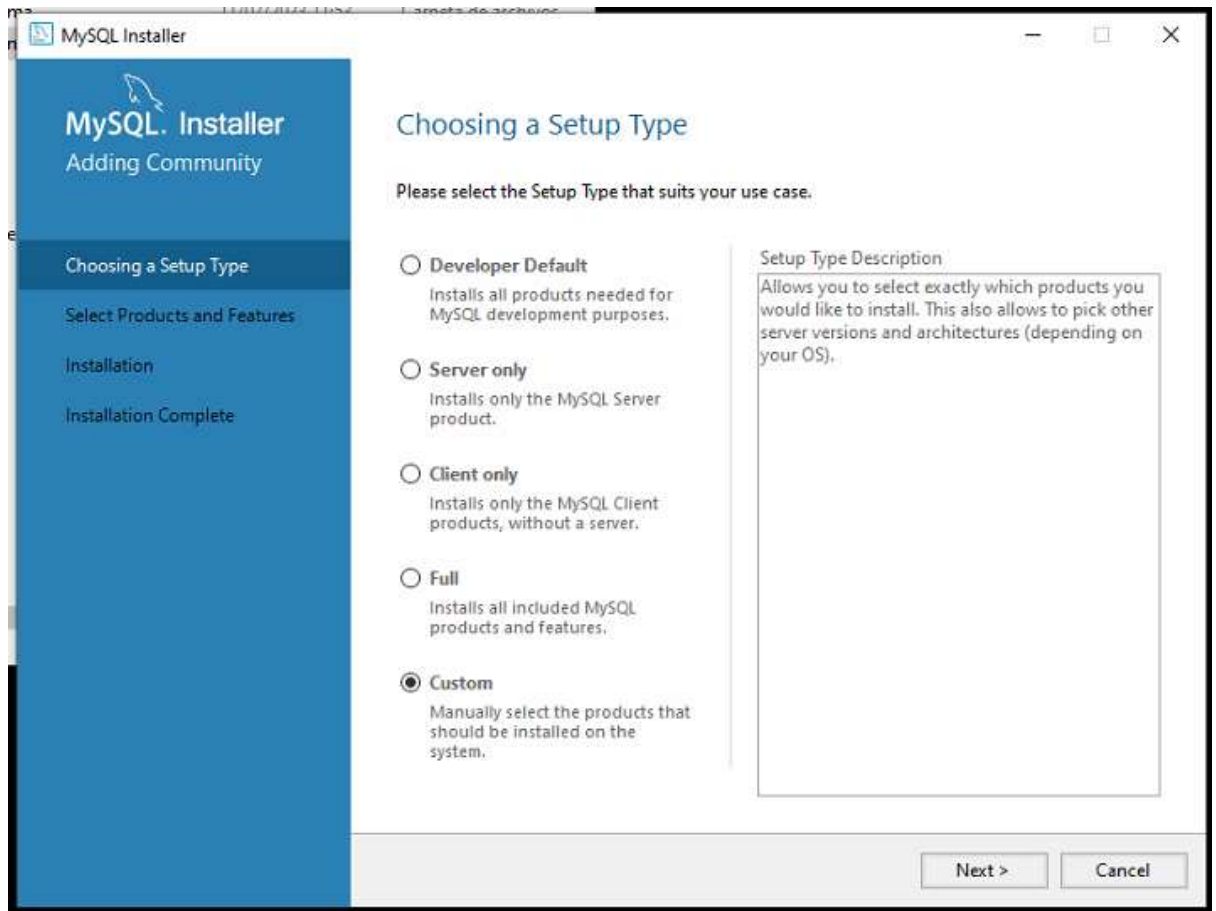


- Mysql

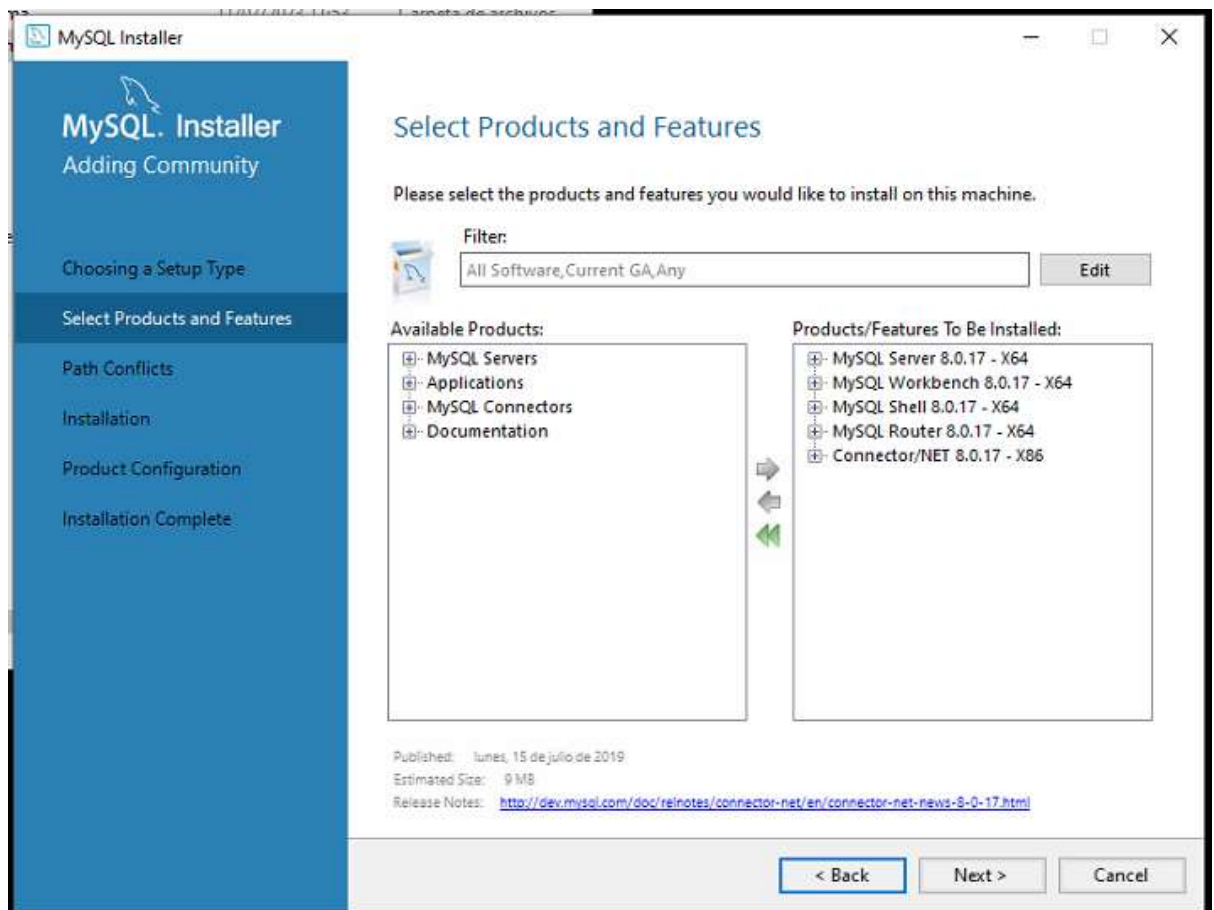
Run mysql-installer-community-8.0.17.0.exe and allow the application to make changes.



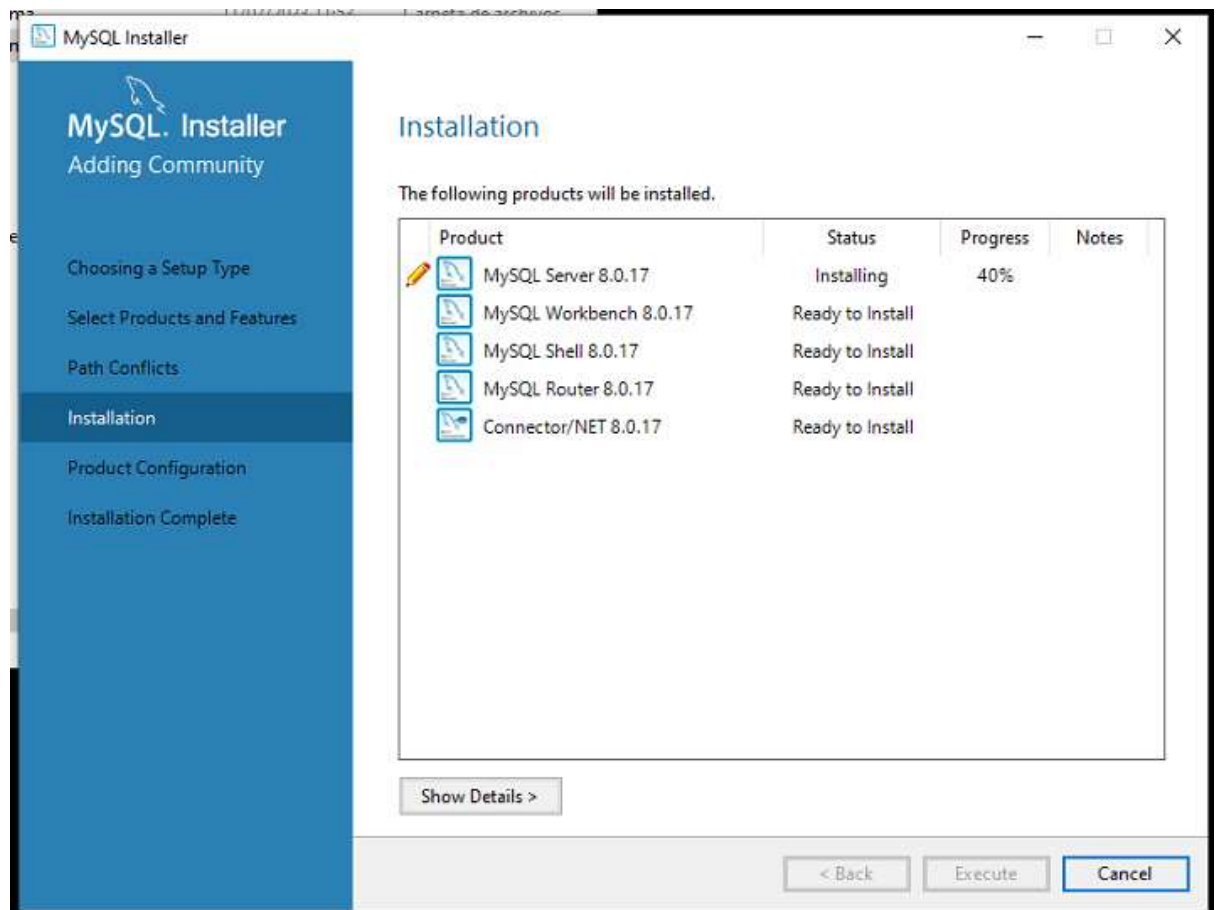
Select custom installation and click Next.



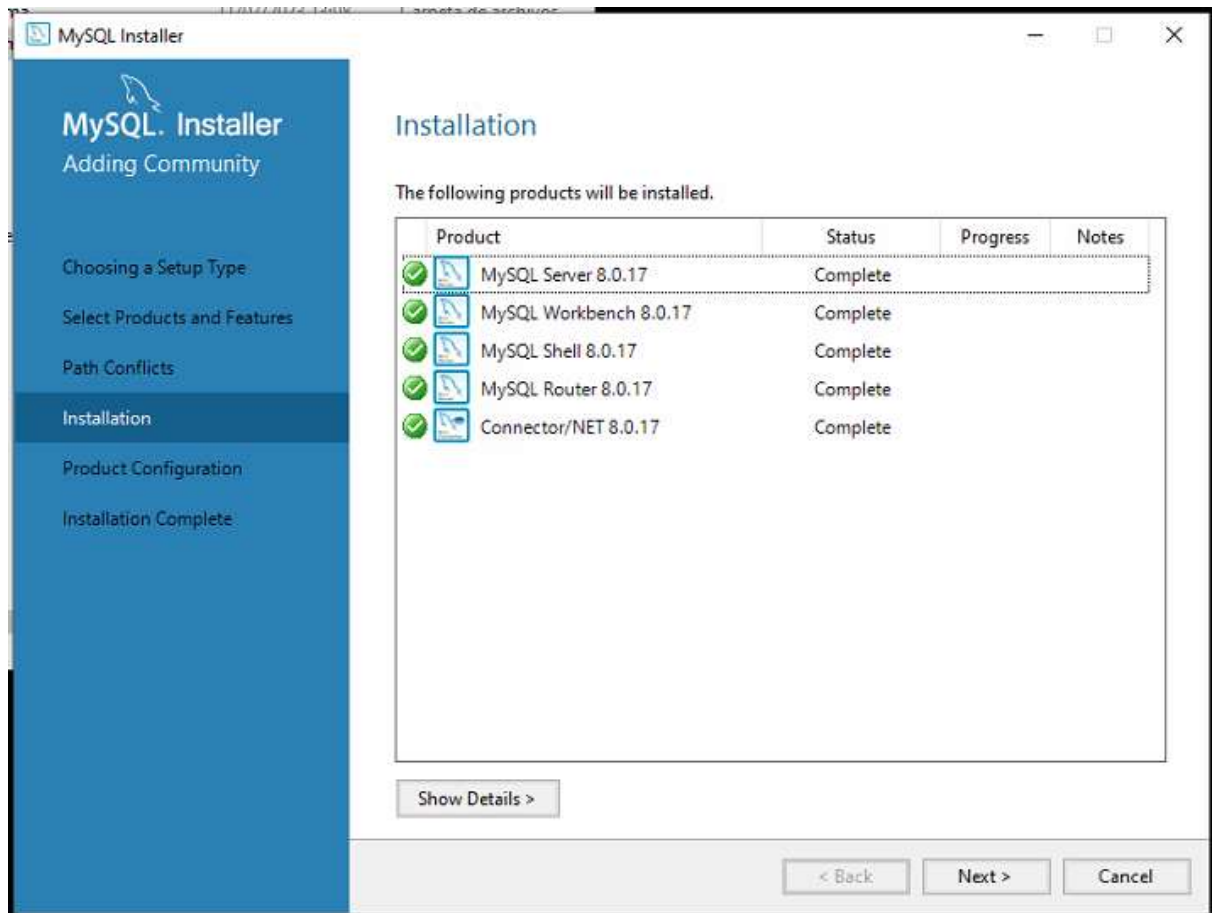
Select MySQL Server, MySQL Workbench, MySQL Shell, MySQL Router and Connector/NET and click Next.



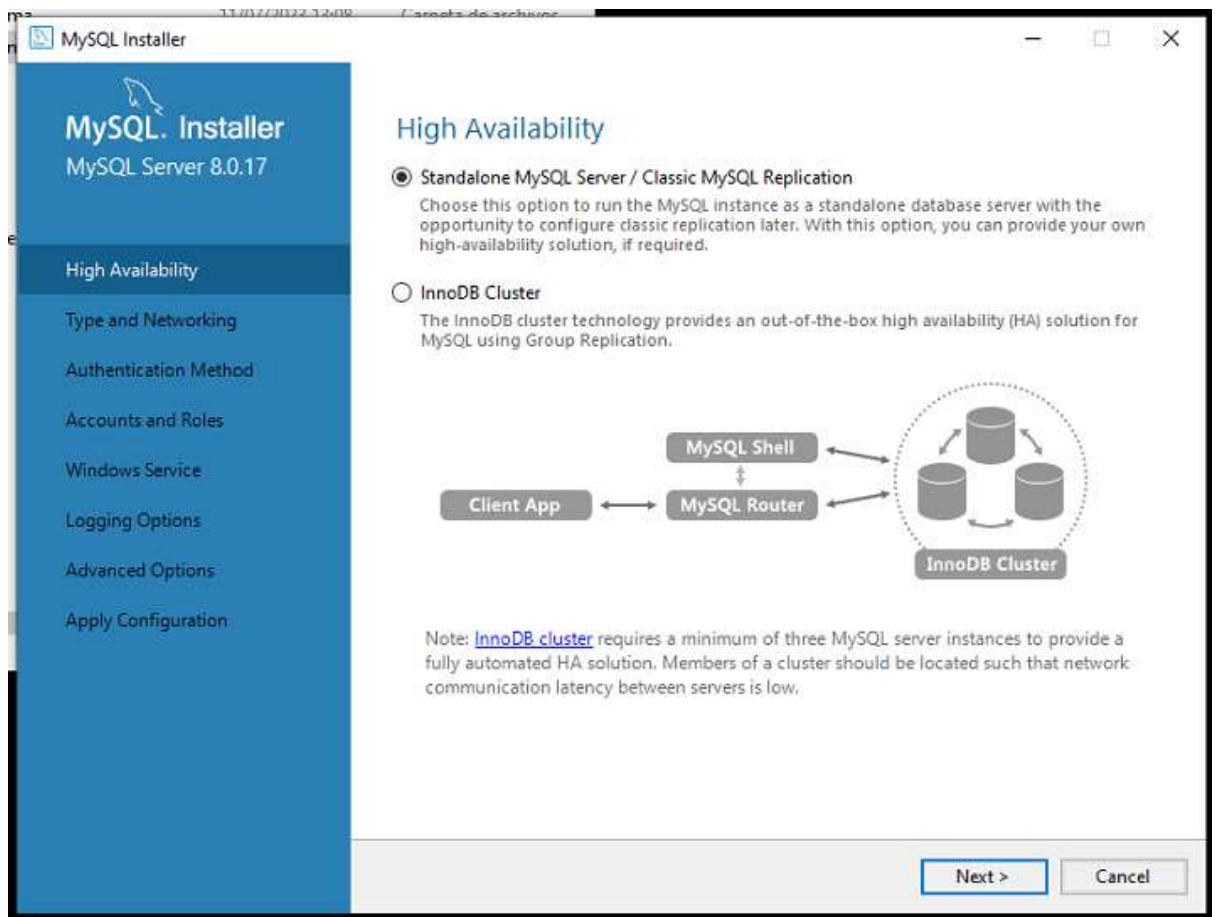
Click Execute to begin the installation.



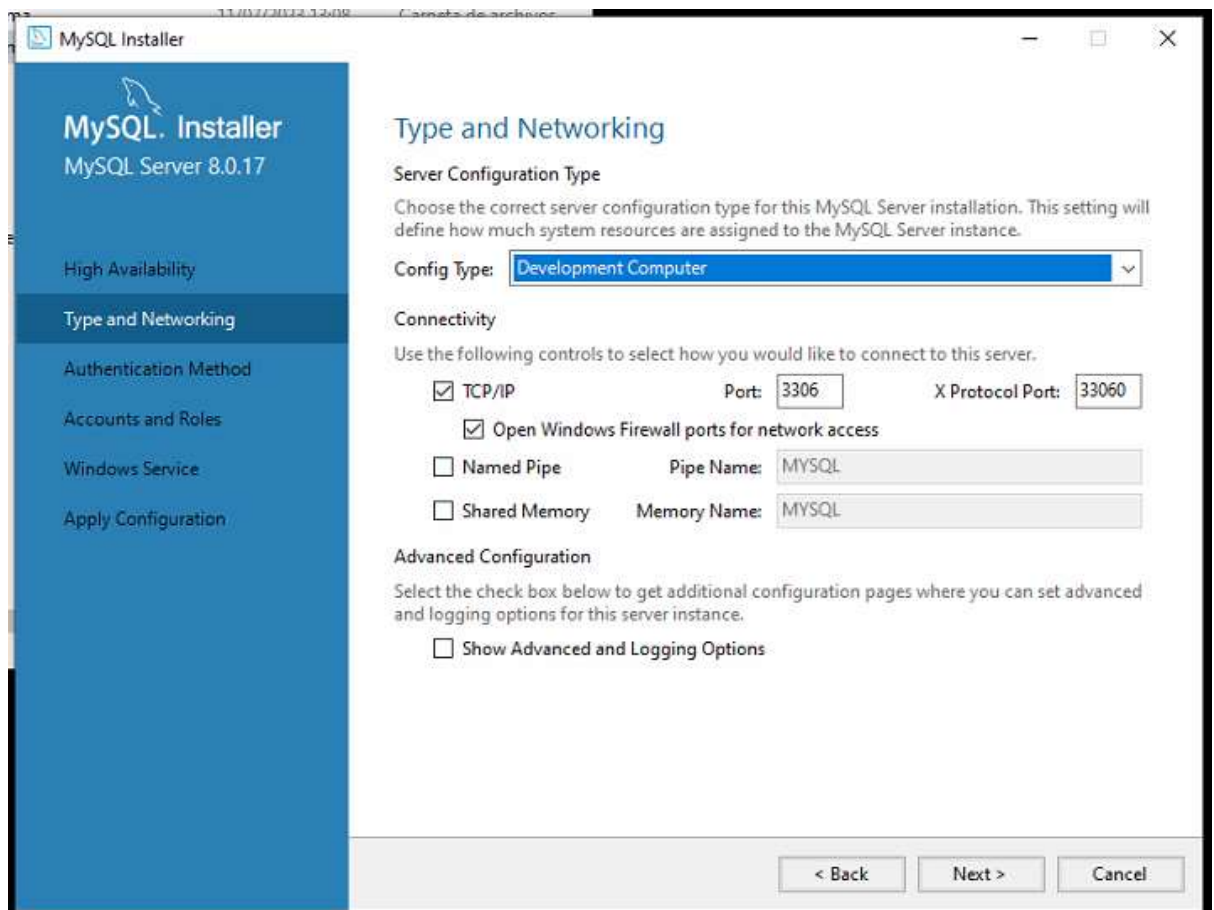
Once the products are installed, click Next.



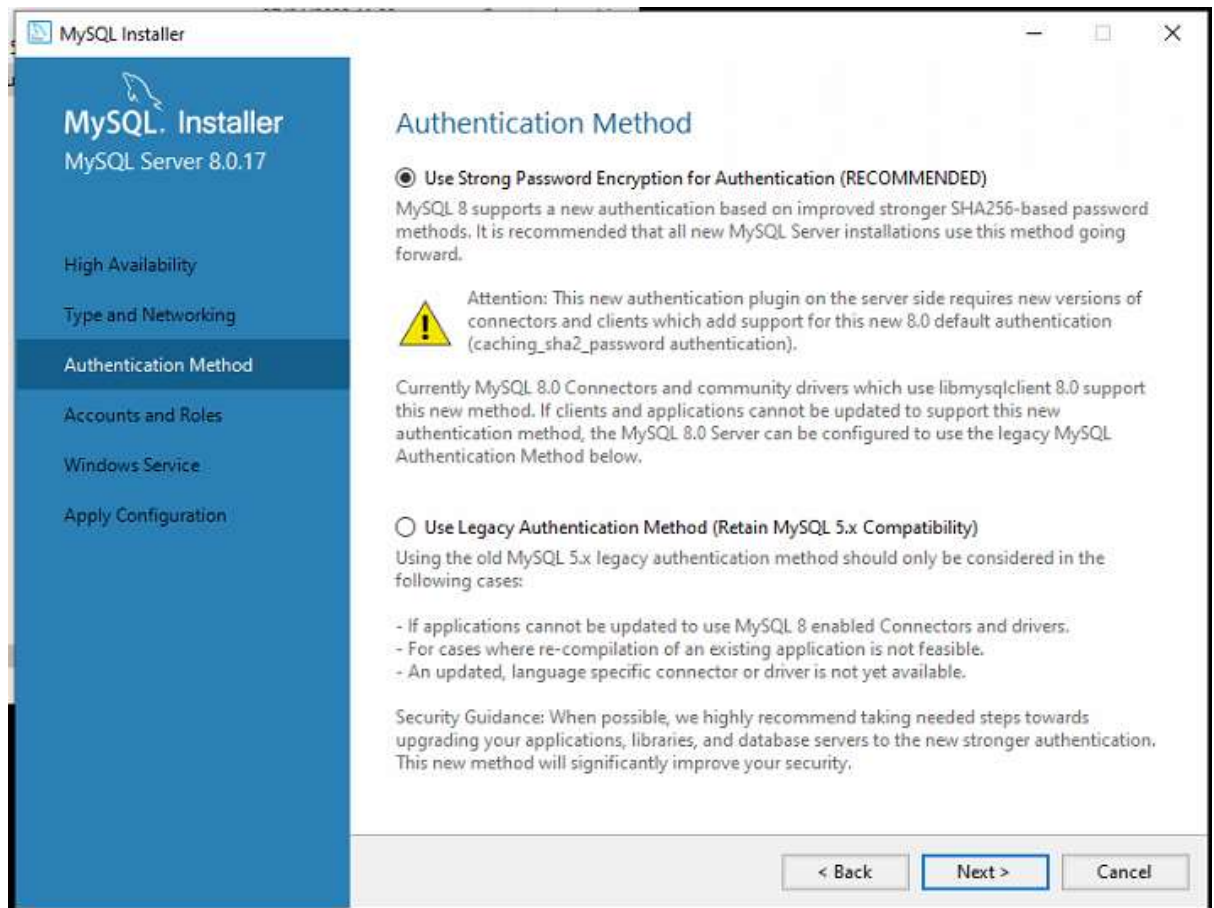
Choose Standalone MySQL Server and click Next.



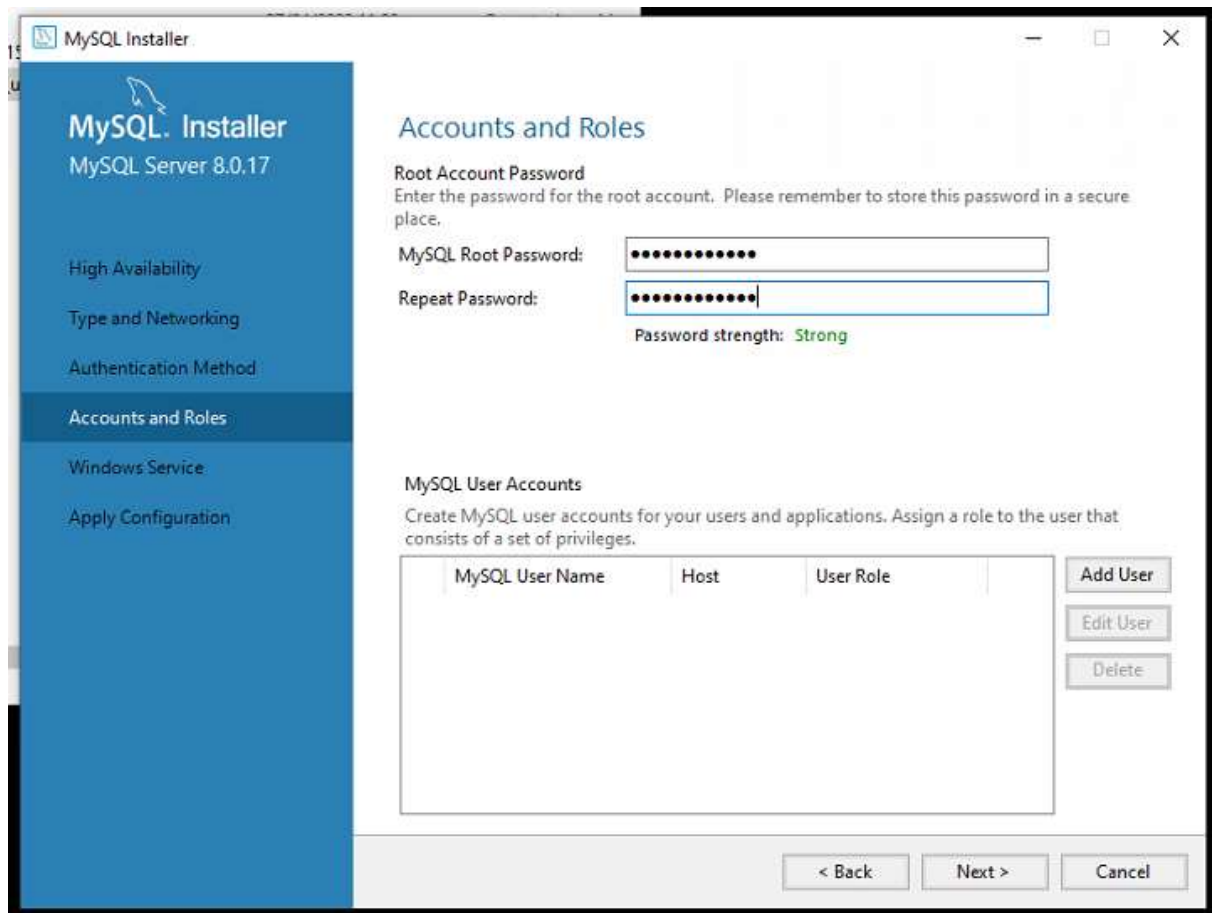
Select Development Computer and click Next.



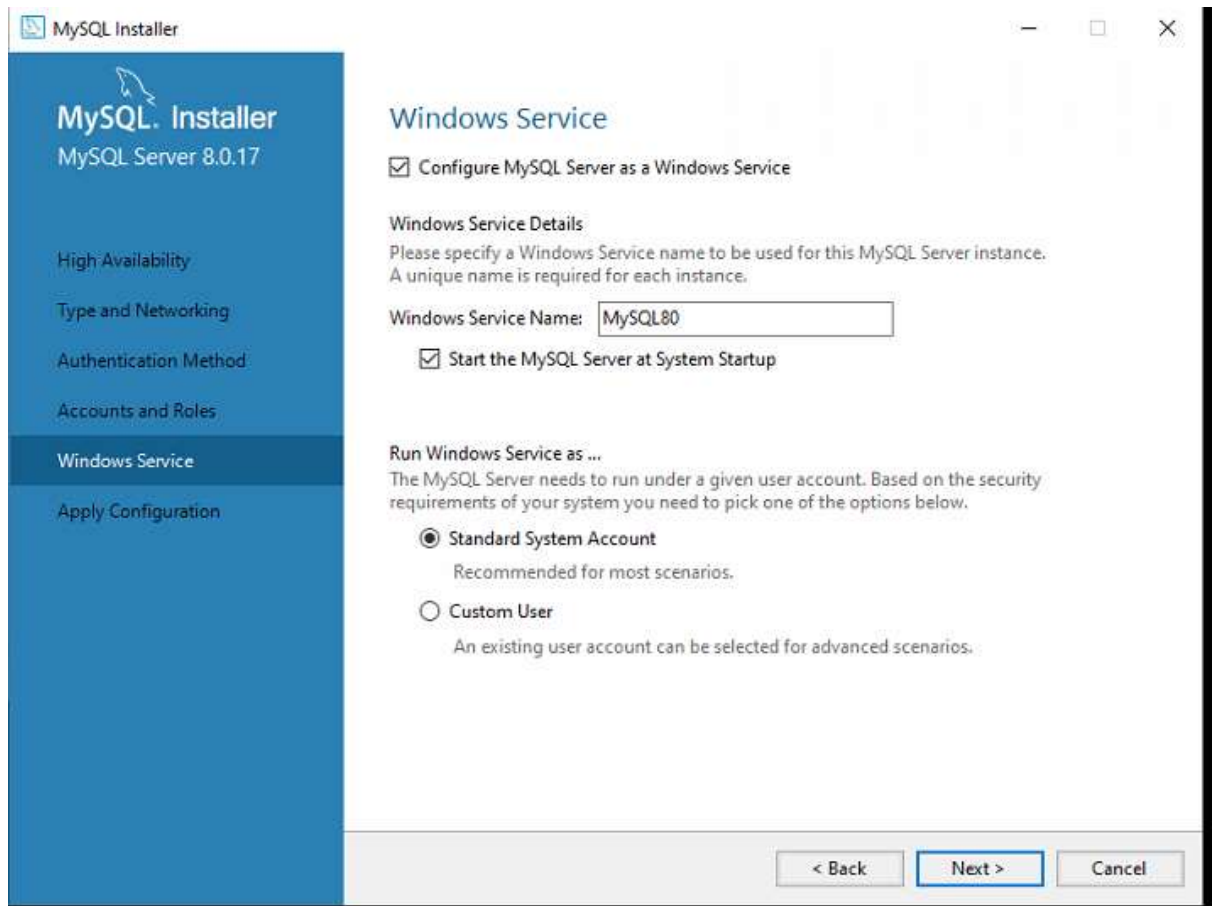
Choose Strong Password Encryption and click Next.



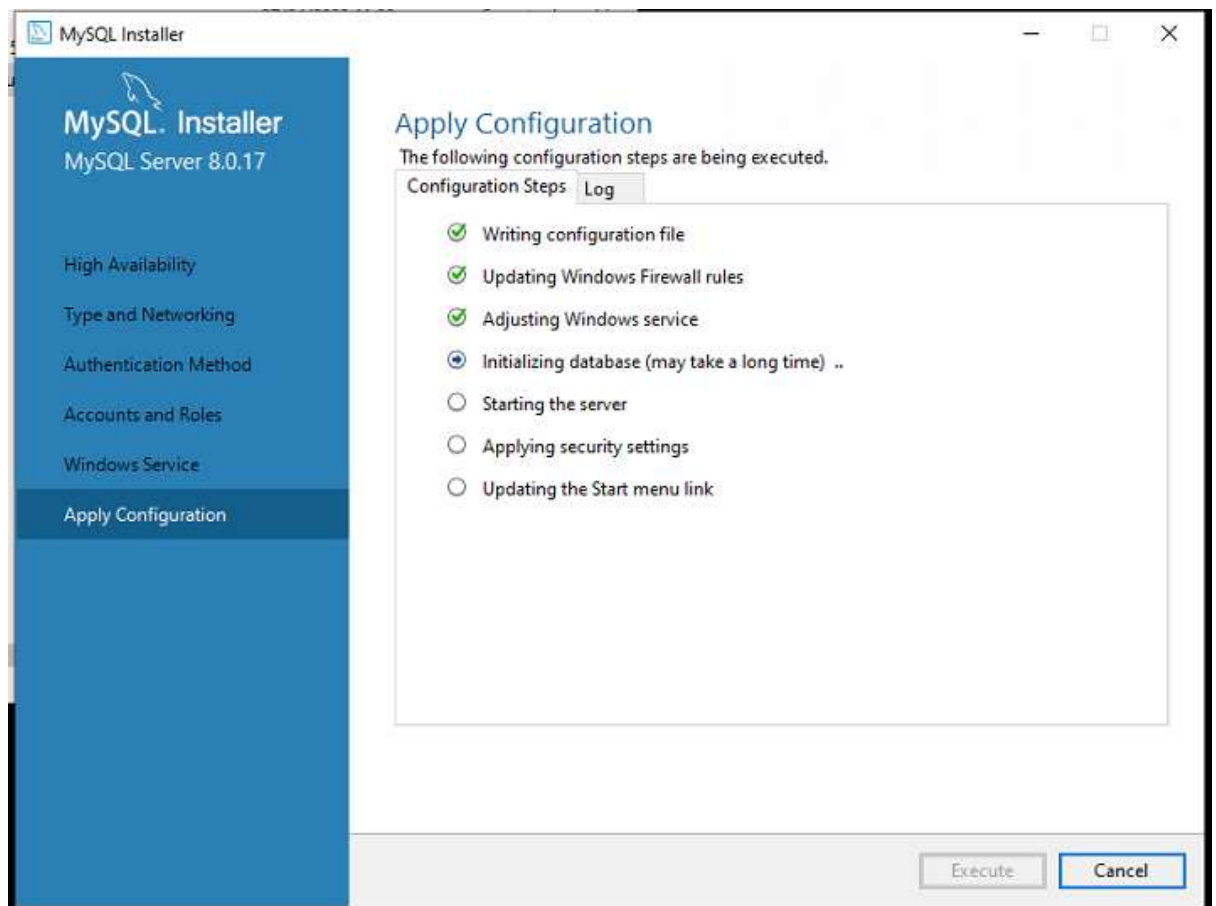
Enter the root account password and click Next.



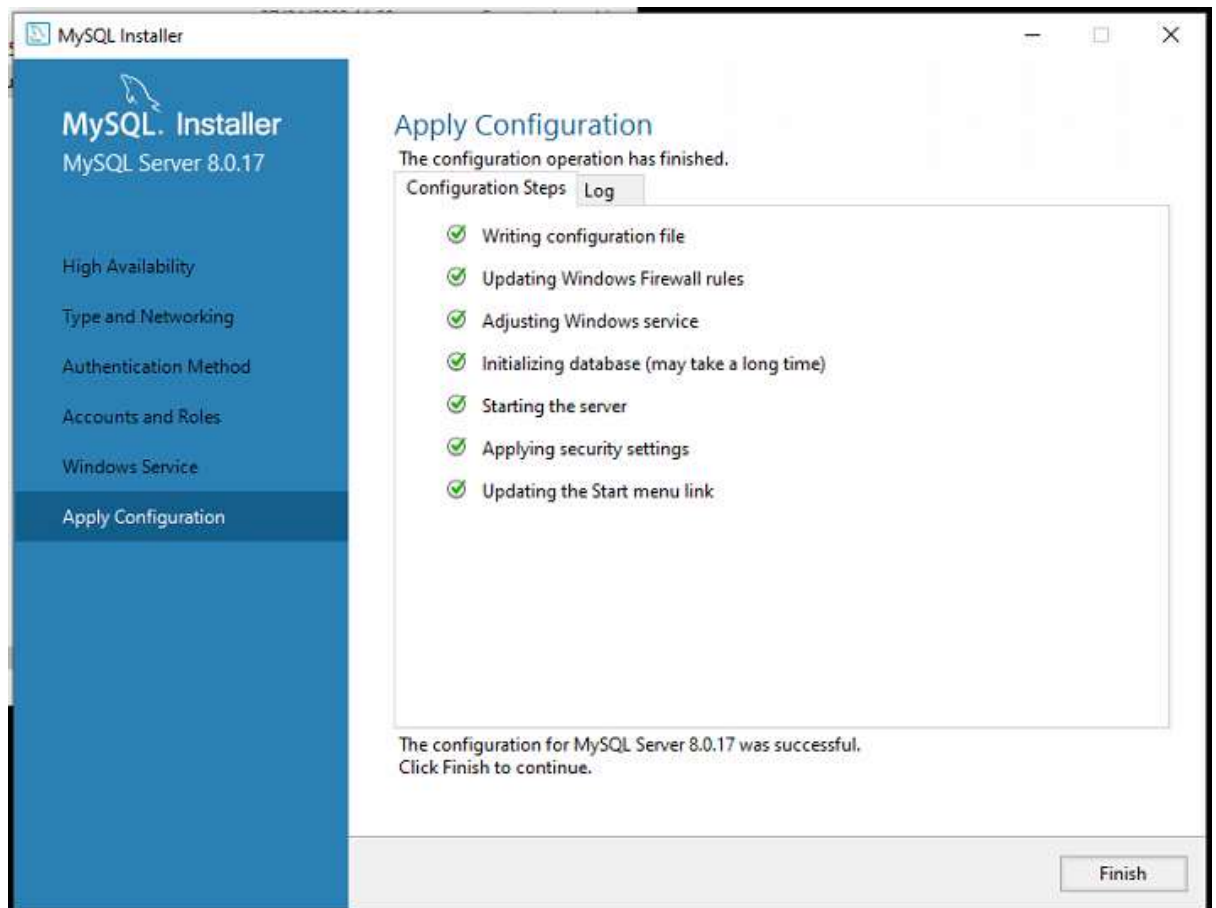
Leave the default settings and click Next.



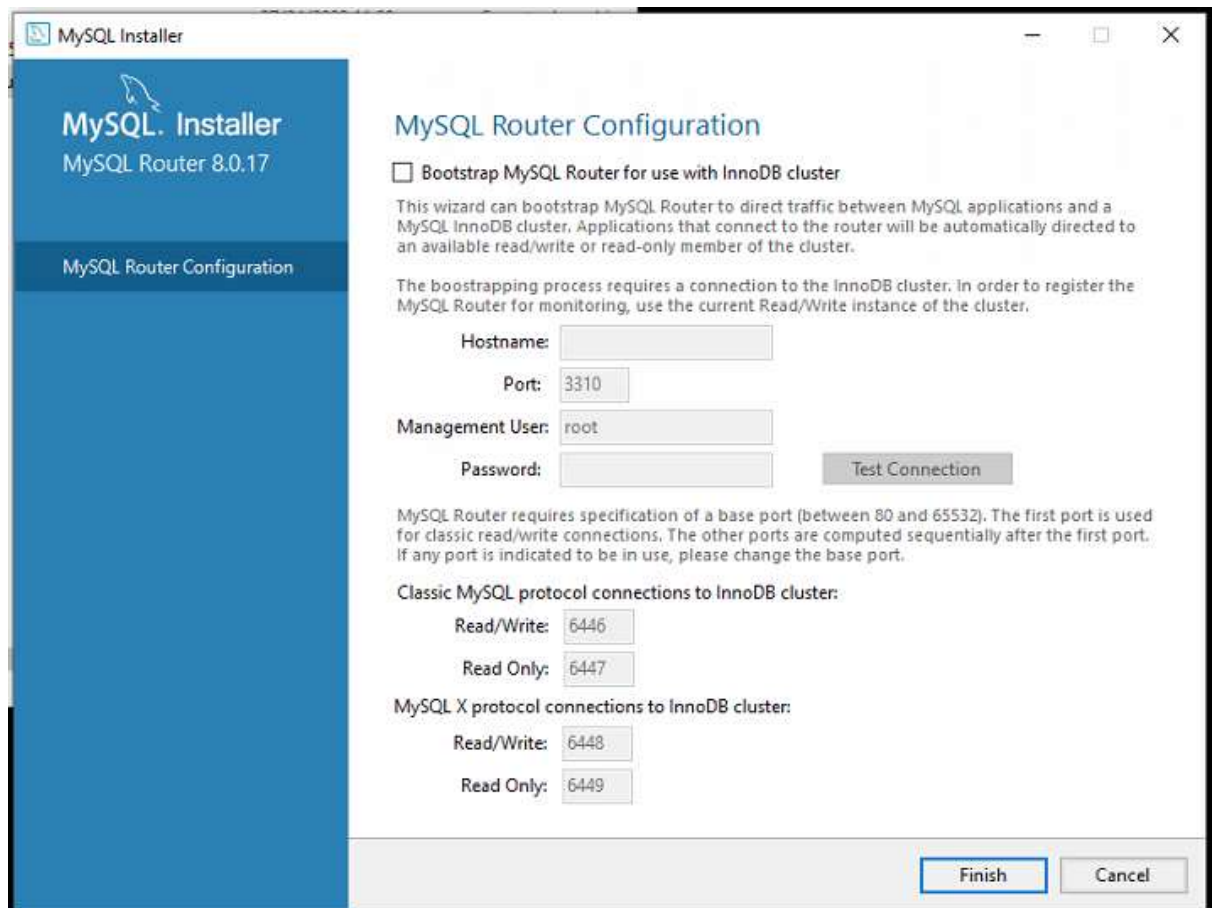
Click Execute to apply the configuration.



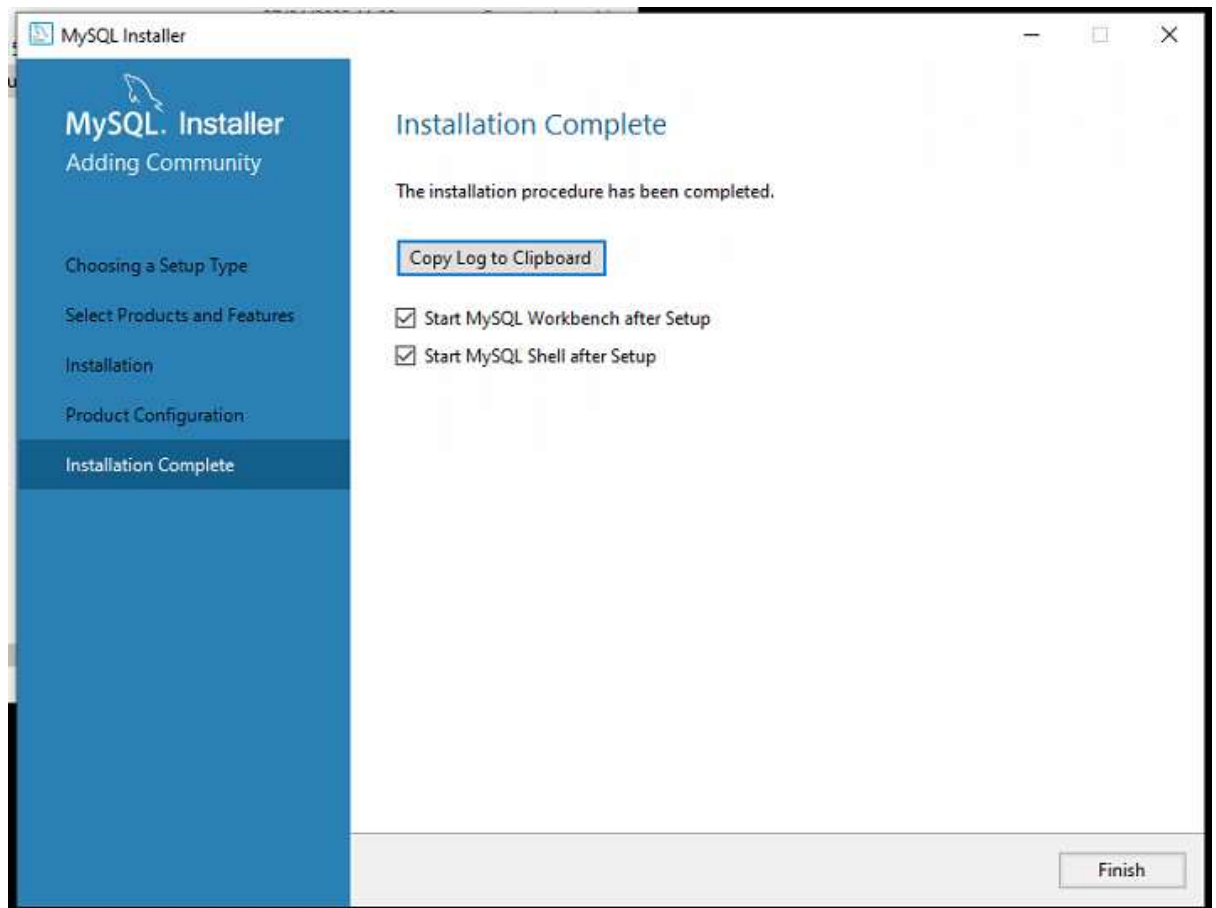
And then click Finish.



Use the default router configuration and click Finish.



Click Finish to exit the installation.

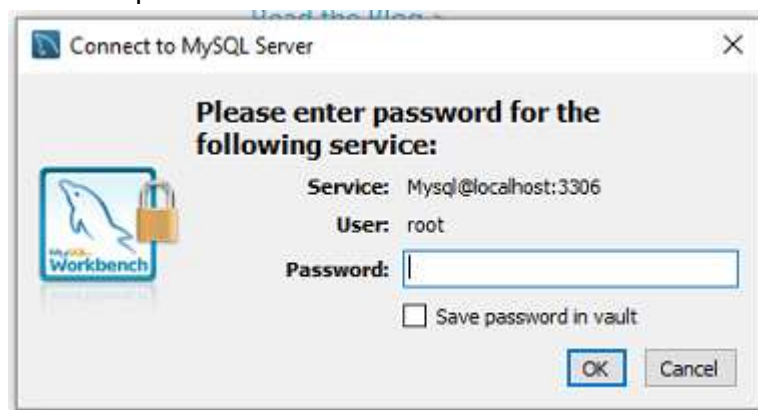


In MySQL Workbench, click on the Local instance.

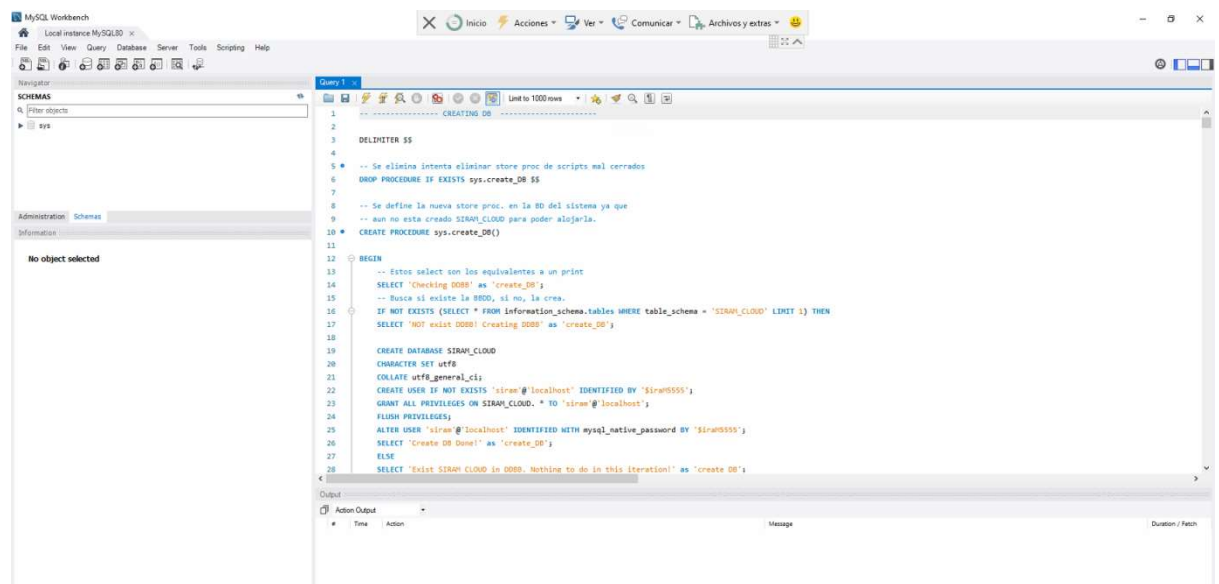
MySQL Connections



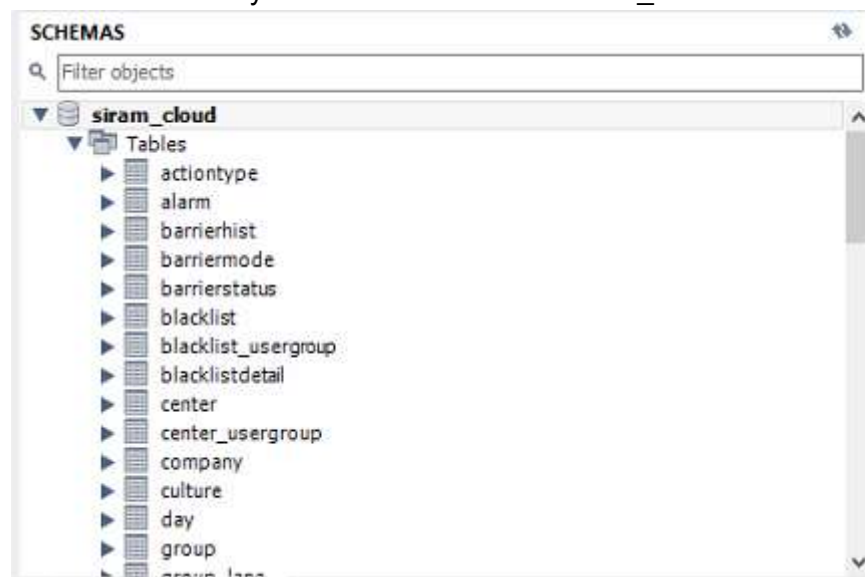
Enter the password and click OK.



Copy the contents of script_mysql_updater into and execute it to create the database.

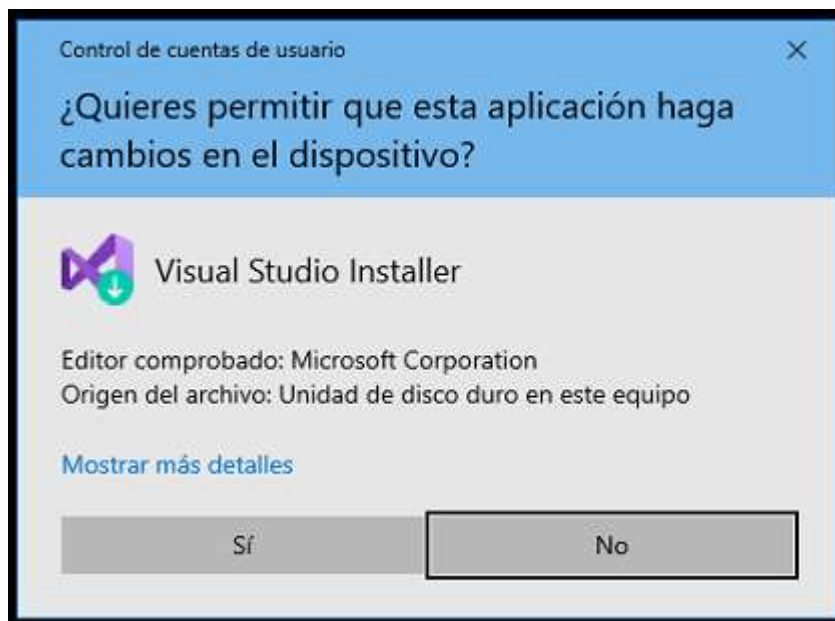


When it's finished you'll be able to see the siram_cloud database.

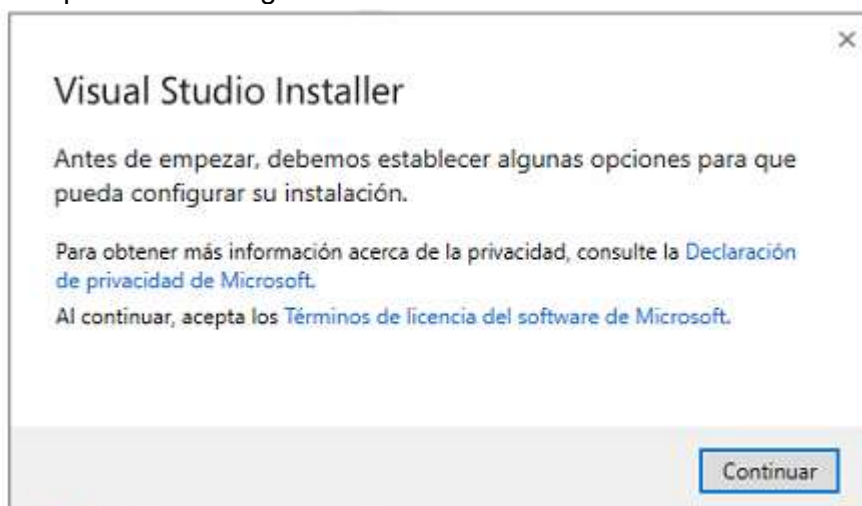


- Visual Studio Tools

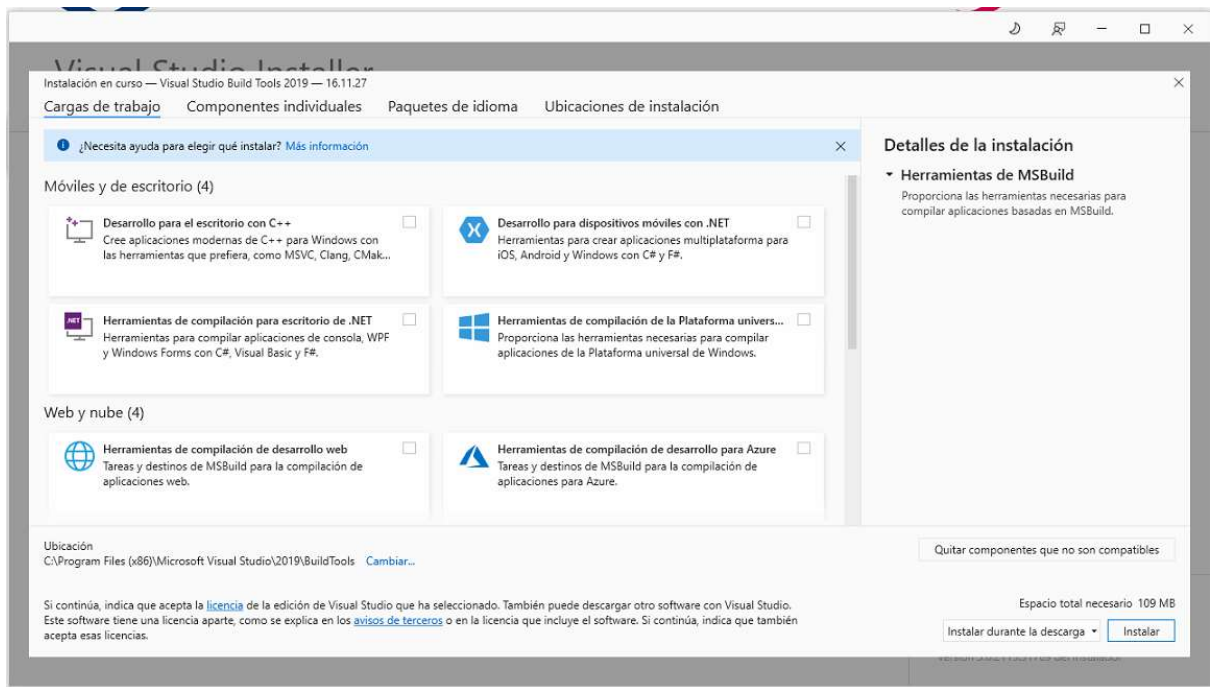
Run vs_BuildTools.exe and allow the application to make changes.



Accept the license agreement.



Click Install.



Linux:

- Apache

Install apache2 software:

- `sudo apt install apache2`

- Node

Download "nvm" to install node:

- `wget -qO- https://raw.githubusercontent.com/nvm-sh/nvm/v0.35.0/install.sh | bash`
- `nvm install 8.11.1`

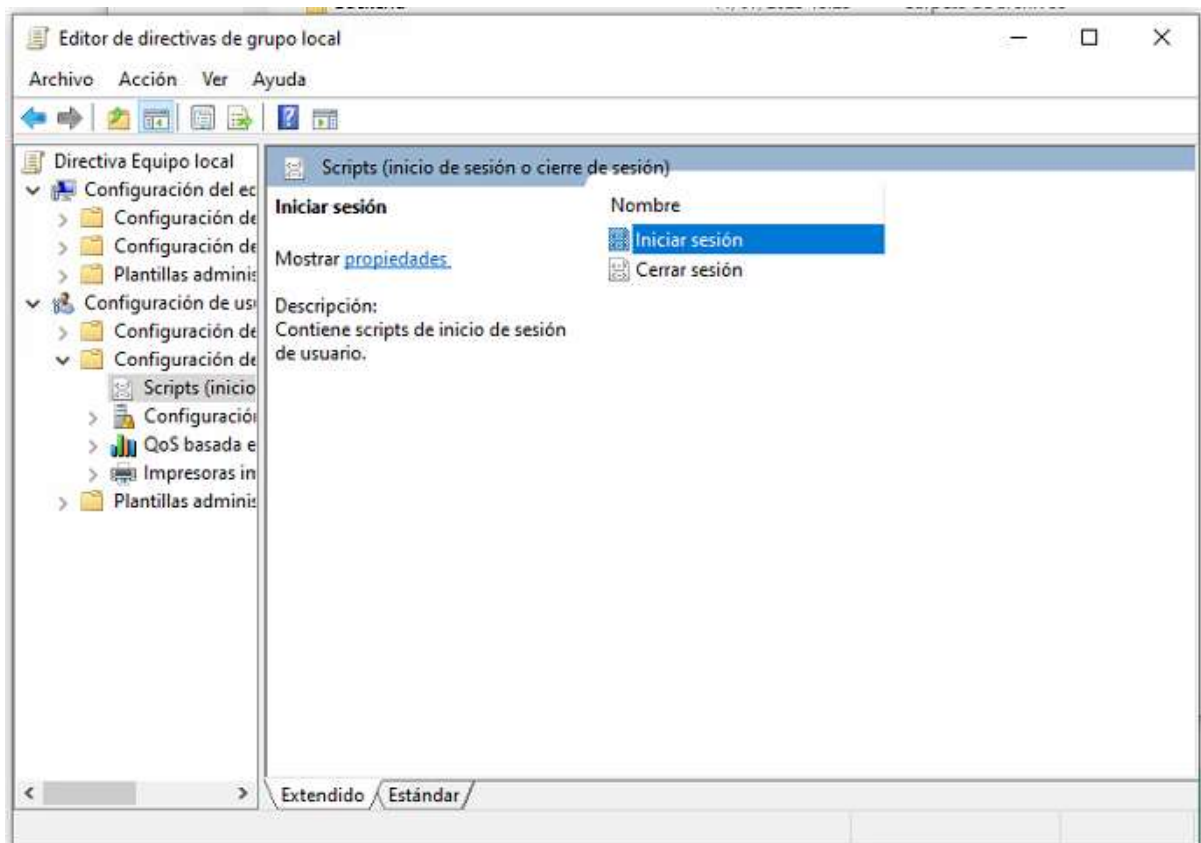
- Mysql

- `sudo apt install mysql-workbench`
- `sudo apt-get install mysql-workbench`
- `sudo mysql_secure_installation` (in this step we will introduce the root password "root")
- `sudo mysql -u root -p -t < script_mysql_updater.sql`

Configure automatic startup

Windows:

Open Local Group Policy Editor and navigate to User configuration > Windows Configuration > Scripts. Double click Log In.



Click on Show files and copy "RunBackend.bat" inside the Logon folder. Double click the bat file to make sure it's working.

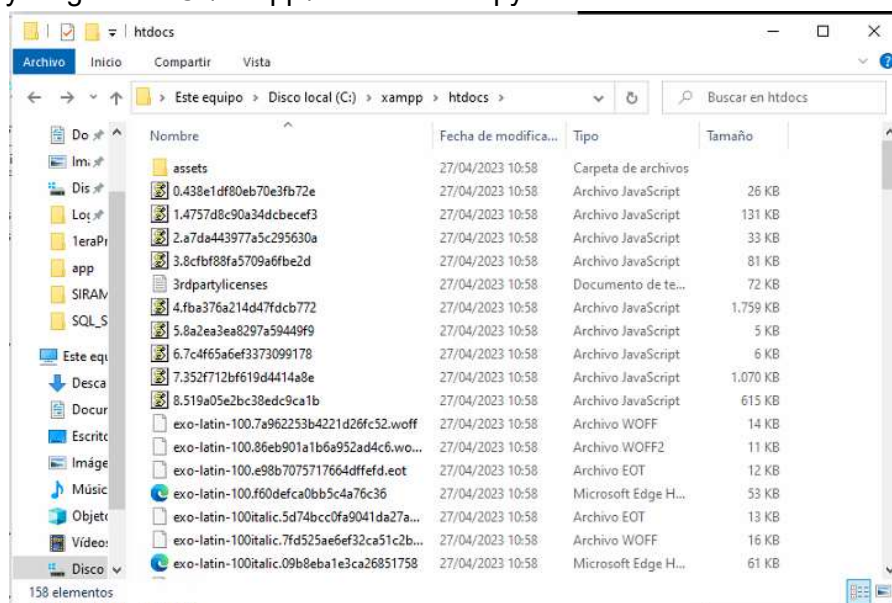
```
CA\WINDOWS\system32\cmd.exe
[2023-07-11 13:47:49] [info]: Starting Server...
body-parser deprecated bodyParser: use individual json/urlencoded middlewares index.js:1:1965
body-parser deprecated undefined extended: provide extended option node_modules\body-parser\index.js:105:29
sequelize deprecated String based operators are now deprecated. Please use Symbol based operators for better security, read more at http://docs.sequelizejs.com/manual/tutorial/querying.html#operators node_modules\sequelize\lib\sequelize.js:236:13
[2023-07-11 13:47:50] [info]: App listening on port 8080
```

Linux:

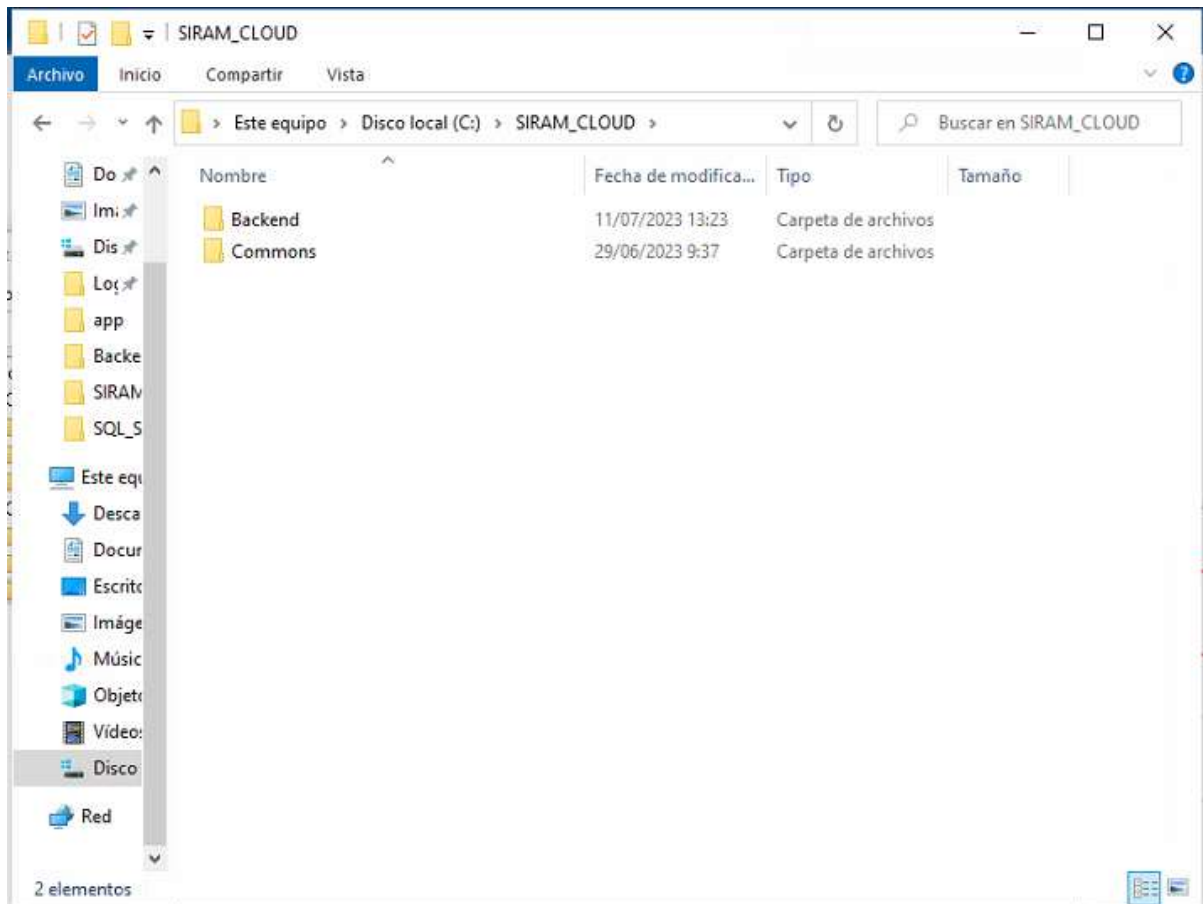
- file service (se puede encontrar un ejemplo en los requisitos del Cloud servidor\instalaciones\cds\archivos...
 - Copy file in /etc/systemd/system/
 - sudo systemctl enable myservice (enable the service)
 - sudo systemctl start monitor.service (start the service)

Install SIRAM CLOUD

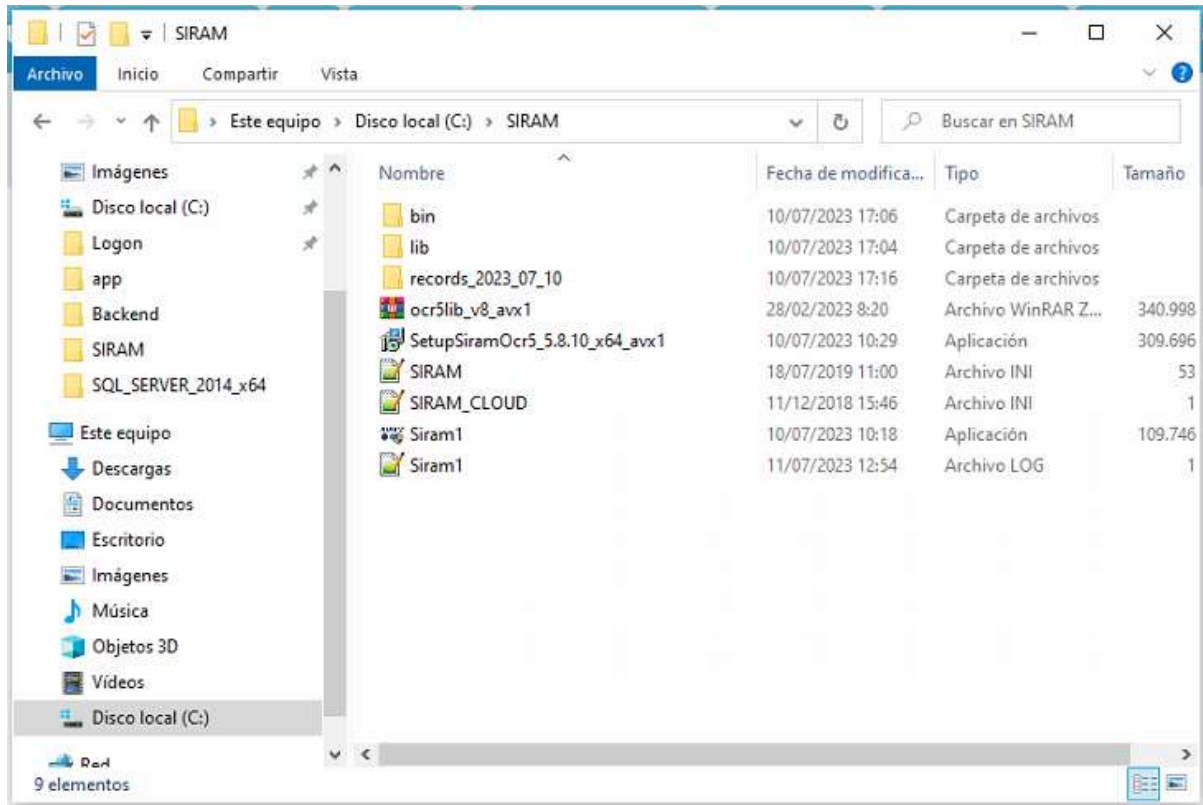
Delete everything inside C:\xampp\htdocs and copy in there the contents of Frontend/dist.



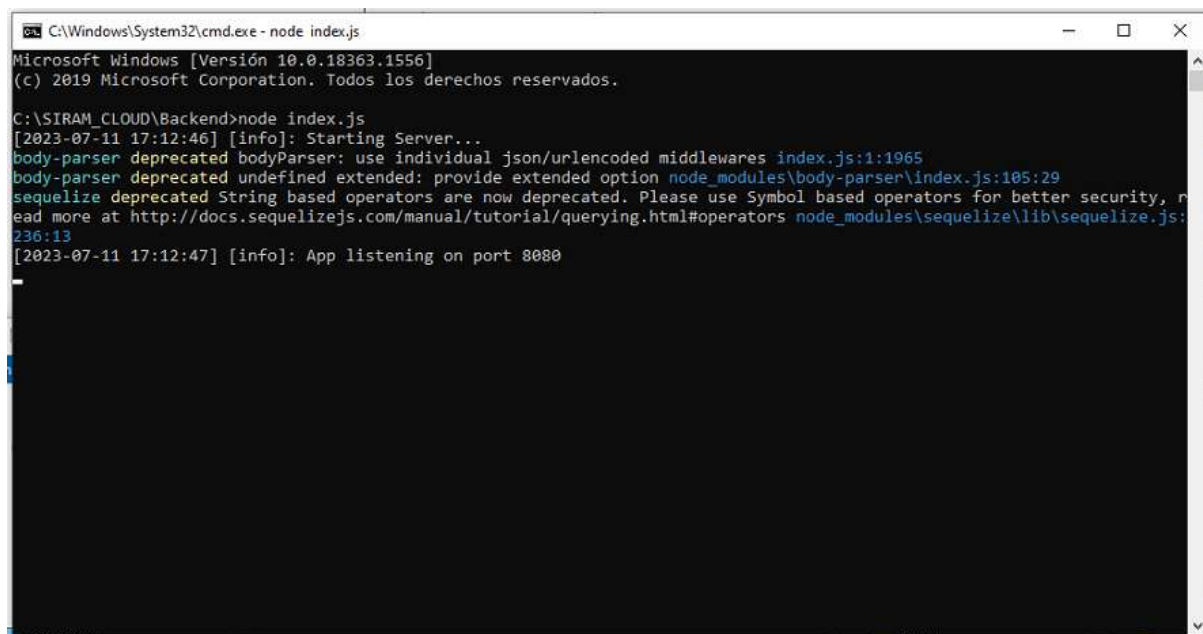
Create a folder named SIRAM_CLOUD in the local disc and copy inside the contents of Backend/dist.



Copy SIRAM_CLOUD.ini into the SIRAM folder in the local disc and restart OCR service.



Open CMD and navigate to the SIRAM_CLOUD/Backend folder and enter the command "node index.js" to run the backend.

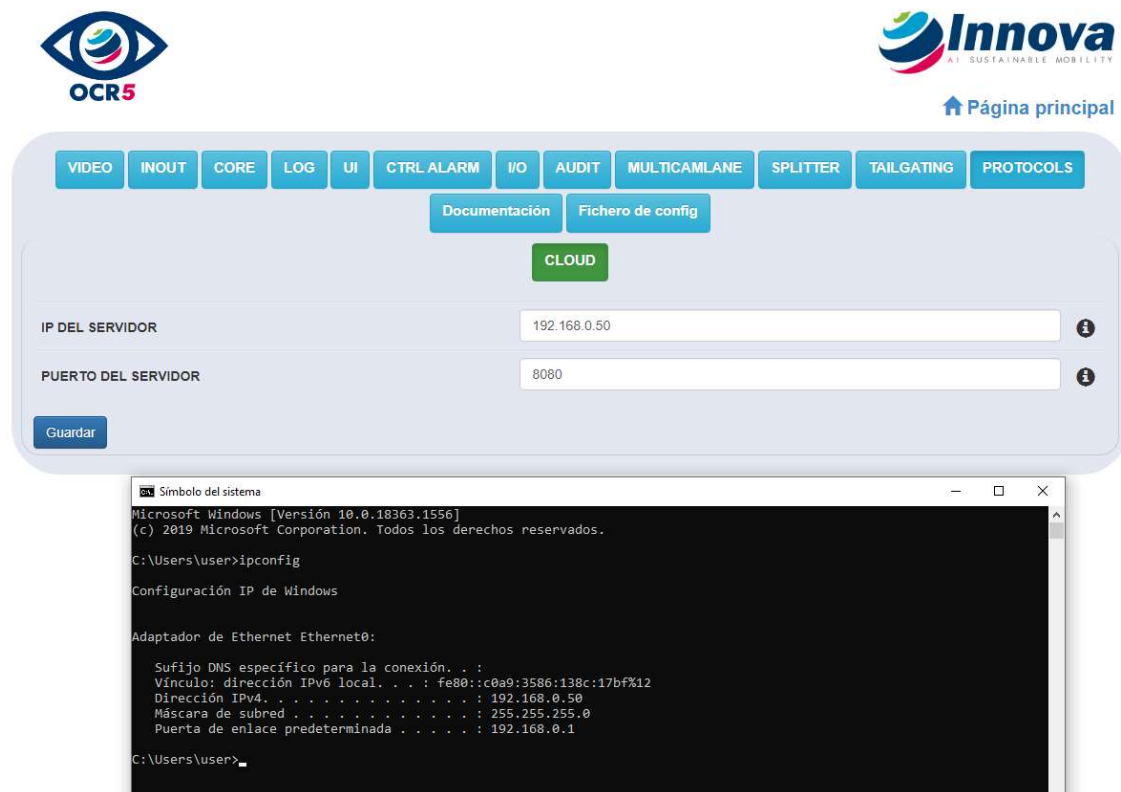


Configure SIRAAM CLOUD

Open OCR and click on Configuration.



Click on Protocols > Cloud, enter the server's IP address and restart OCR service.



Using a web browser, go to localhost in the server to enter SIRAAM Cloud. Enter the email address and password.

Sign In

Hello! Sign in with your username or email

Email address

Password

☐ Remember me

SIGN IN

Enter the product license.

Product license

License not found, please introduce the serial

Oh snap!
No license found.

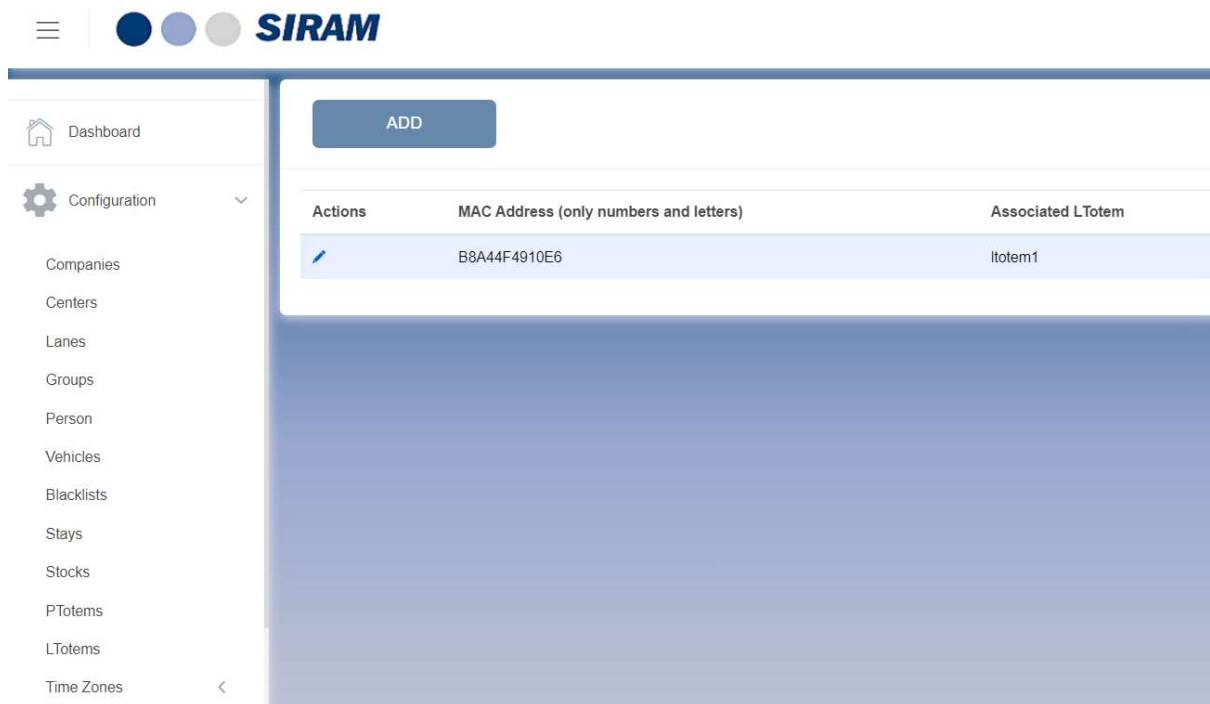
536DFC55-1BF01F52-640D36DD-E135FC02

Serial

VALIDATE LICENSE

Activer Windows
Accédez aux paramètres pour activer Windows.

Go to Ptotems and click add to add a camera.



Enter the MAC Address (serial number in Axis) and click Create.

New

MAC Address (only numbers and letters)

B8A44F0DC01B

Hardware version

Hardware version

Firmware version

Firmware version

CREATE

Update software

Windows:

- stop backend
 - close the terminal
- Backup with mysqlworkbench
 - server → data export
- execute update bbdd
 - Open workbench
 - copy file content and execute
 - check the message info
- Update backend and restore old “sys” and “pictures” folder
- execute the backend bash script on
“C:\Windows\System32\GroupPolicy\User\Scripts\Logon”

Linux:

- stop backend service

- sudo systemctl status monitor.service
- BBDD backup with commands
 - mysqldump -u root -p SIRAM_MONITOR > YYYYMMDD_SIRAM_MONITOR.sql
- execute update bbdd terminal command
 - sudo mysql -u root -p -t < script_mysql_updater.sql
- update backend and restore old “sys” and “pictures” folder
 - Rename the Backend folder to _yymmdd_backend
 - Transfer the new backend folder
 - get the _old_XXX “pictures” and “sys” folder and put it on the new backend folder
- Update frontend:
 - Create on /var/www/html a folder named _old_yymmdd_frontend
 - Move all the files and assets folder inside the old frontend folder
 - Move the new frontend files and folders inside /var/www/html
 - If there was browsers connected during the update, they might close and open again the web page (even clear history)
 -