

Modelagem de Banco de Dados

Criando um servidor mysql
na azure



Tópicos

Definição;

Compartilhamento de Dados;

Sistemas de Gerenciamento de Banco de Dados;

Modelos de Banco de Dados

Modelo conceitual

Modelo lógico

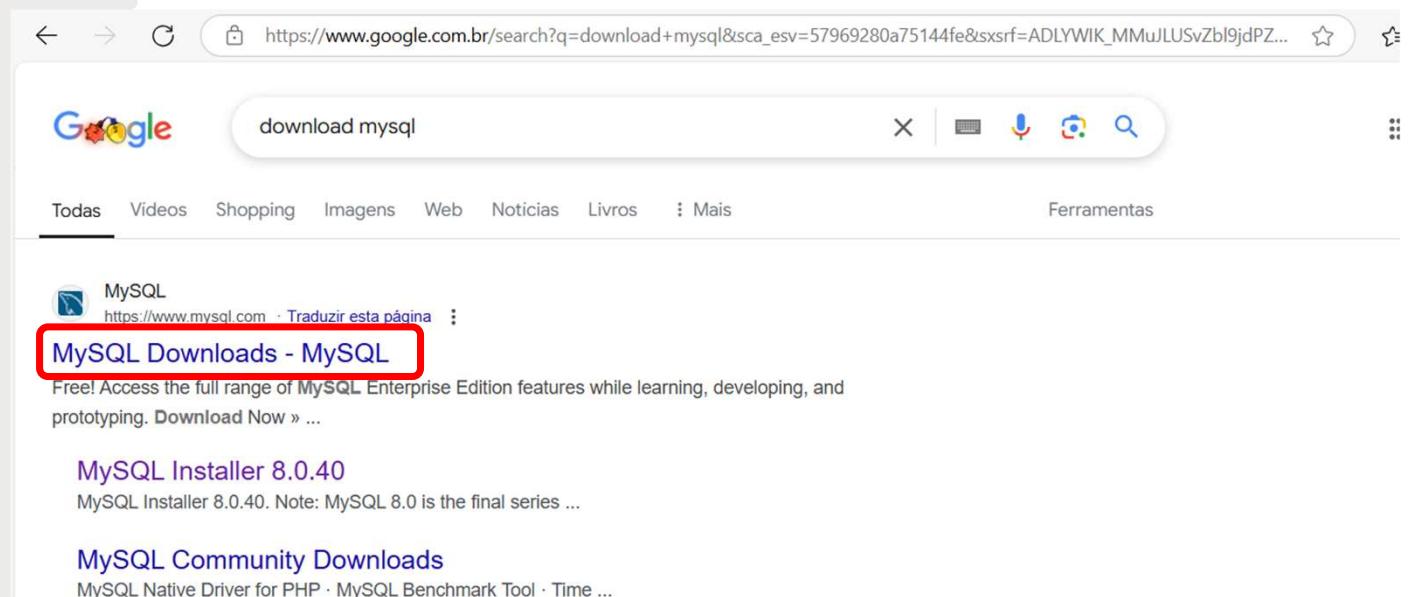
Fazer o download do MySQL

No Google digite “download mysql”



Fazer o download do MySQL

Clique em “MySQL Downloads – MySQL”



No site do MySQL, clicar em “MySQL Community (GPL) Downloads >>”

The screenshot shows two views of the MySQL website's 'Downloads' page. The top view is a standard browser window with a light gray header containing back, forward, and search buttons, along with a URL bar showing 'https://www.mysql.com/downloads/'. The main content area features the MySQL logo, a tagline 'The world's most popular open source database', a search bar, and navigation links for 'MYSQL.COM', 'DOWNLOADS' (which is underlined in orange), 'DOCUMENTATION', and 'DEVELOPER ZONE'. The bottom view is a larger, more detailed version of the same page, also with a light gray header and URL bar. It includes contact information for sales (USA: +1-866-221-0634, Canada: +1-866-221-0634), international numbers (Germany: +49 89 143 01280, France: +33 1 57 60 83 57, Italy: +39 02 249 59 120, UK: +44 207 553 8447), and Japan: 0120-065556. On the right, there are links for 'Learn More', 'Customer Download from My Oracle Support (MOS)', 'Trial Download from Oracle edelivery', and a prominent red-bordered link 'MySQL Community (GPL) Downloads >>'.

Clicar em “MySQL Installer for Windows”



The screenshot shows a web browser displaying the MySQL Community Downloads page at <https://dev.mysql.com/downloads/>. The page lists various MySQL packages and tools. A red box highlights the "MySQL Installer for Windows" link in the bottom left corner of the list.

MySQL Community Downloads

- MySQL Yum Repository
- MySQL APT Repository
- MySQL SUSE Repository
- MySQL Community Server
- MySQL NDB Cluster
- MySQL Router
- MySQL Shell
- MySQL Operator
- MySQL NDB Operator
- MySQL Workbench
- MySQL Installer for Windows
- C API (libmysqlclient)
- Connector/C++
- Connector/J
- Connector/.NET
- Connector/Node.js
- Connector/ODBC
- Connector/Python
- MySQL Native Driver for PHP
- MySQL Benchmark Tool
- Time zone description tables

Download Archives

MySQL Enterprise Edition
for Developers

Free for learning, developing,
and prototyping.



Download Now »

Baixar a versão completa do MySQL, “**Windows (x86, 32-bit), MSI Installer 8.0.40 306.5M**”, clicar em “**Download**”

The screenshot shows a web browser window with the URL <https://dev.mysql.com/downloads/installer/>. The page has a header with tabs for "General Availability (GA) Releases" (highlighted in orange), "Archives", and "Info". Below the header, the title "MySQL Installer 8.0.40" is displayed. A note states: "Note: MySQL 8.0 is the final series with MySQL Installer. As of MySQL 8.1, use a MySQL product's MSI or Zip archive for installation. MySQL Server 8.1 and higher also bundle MySQL Configurator, a tool that helps configure MySQL Server." Under "Select Version:", a dropdown menu shows "8.0.40". Under "Select Operating System:", a dropdown menu shows "Microsoft Windows". The main content area lists two download options:

Version	File Size	Action
Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.40.0.msi)	2.1M	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.40.0.msi)	306.5M	Download

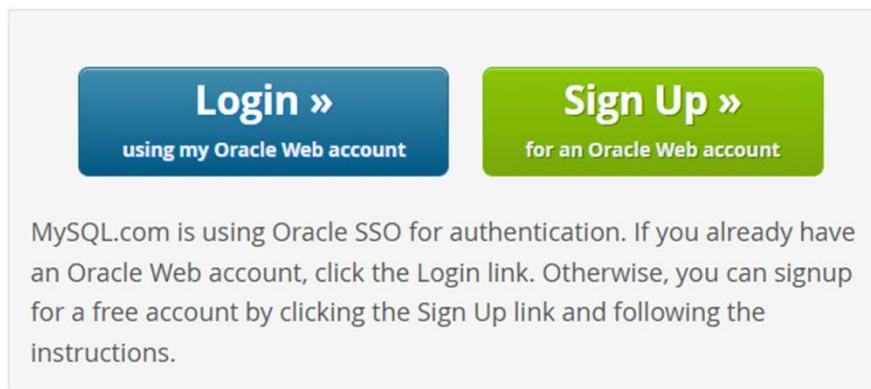
Clicar em “**No thanks, just start my download.**”

⌚ MySQL Community Downloads

[Login Now](#) or [Sign Up](#) for a free account.

An Oracle Web Account provides you with the following advantages:

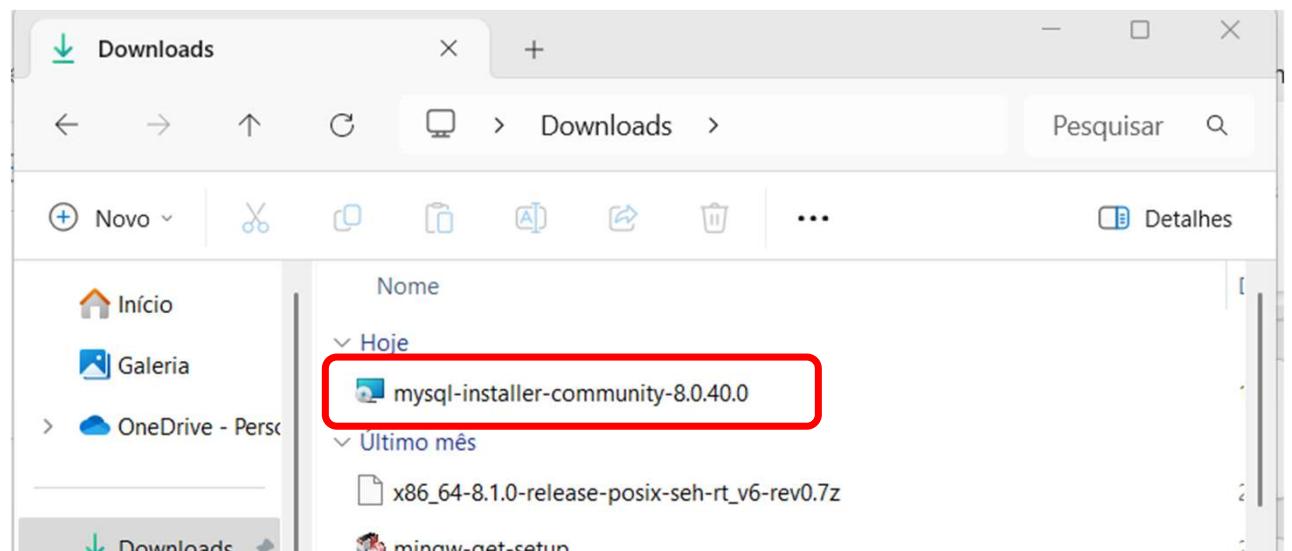
- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system



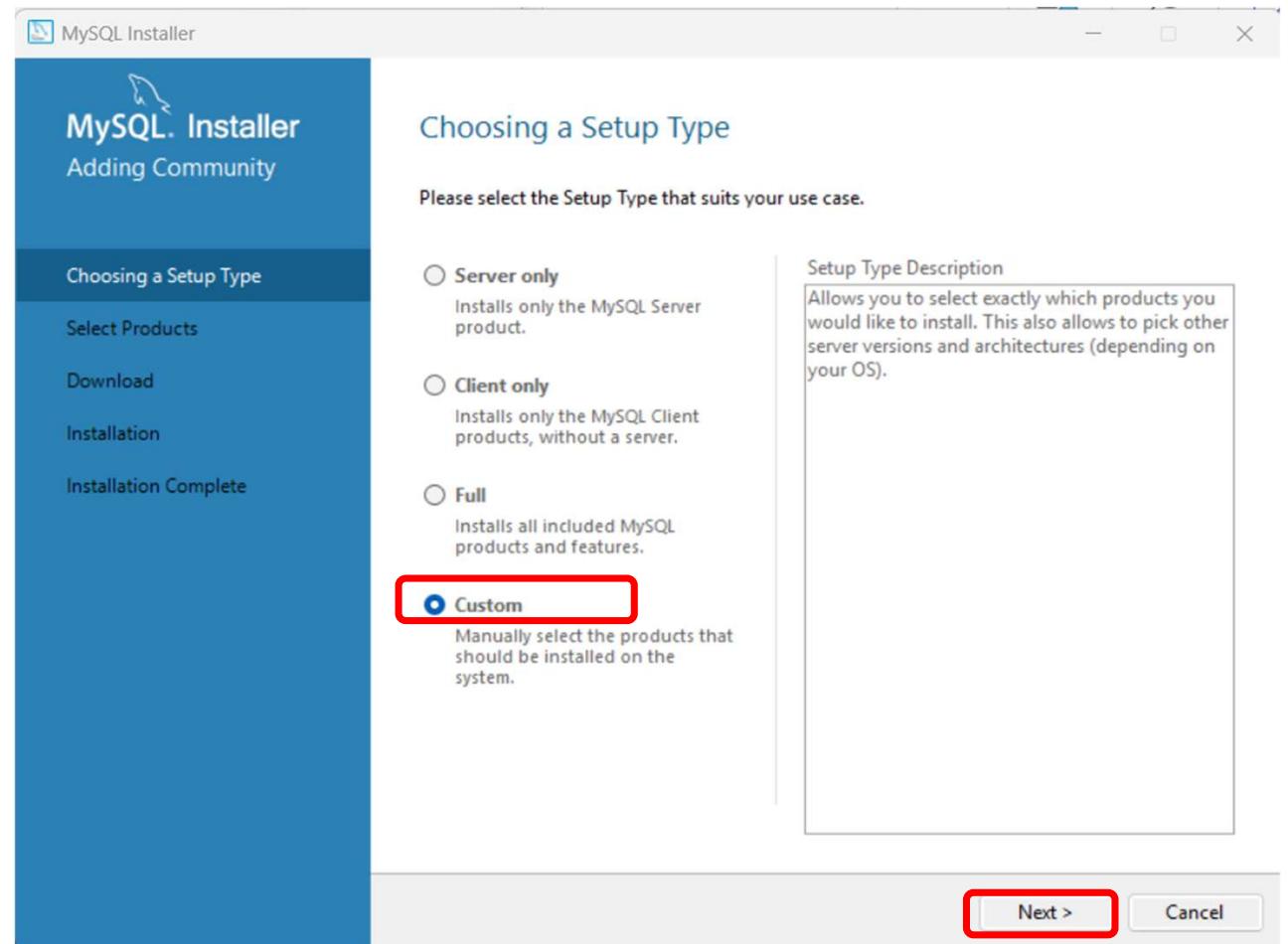
[No thanks, just start my download.](#)

Instalando o MySQL

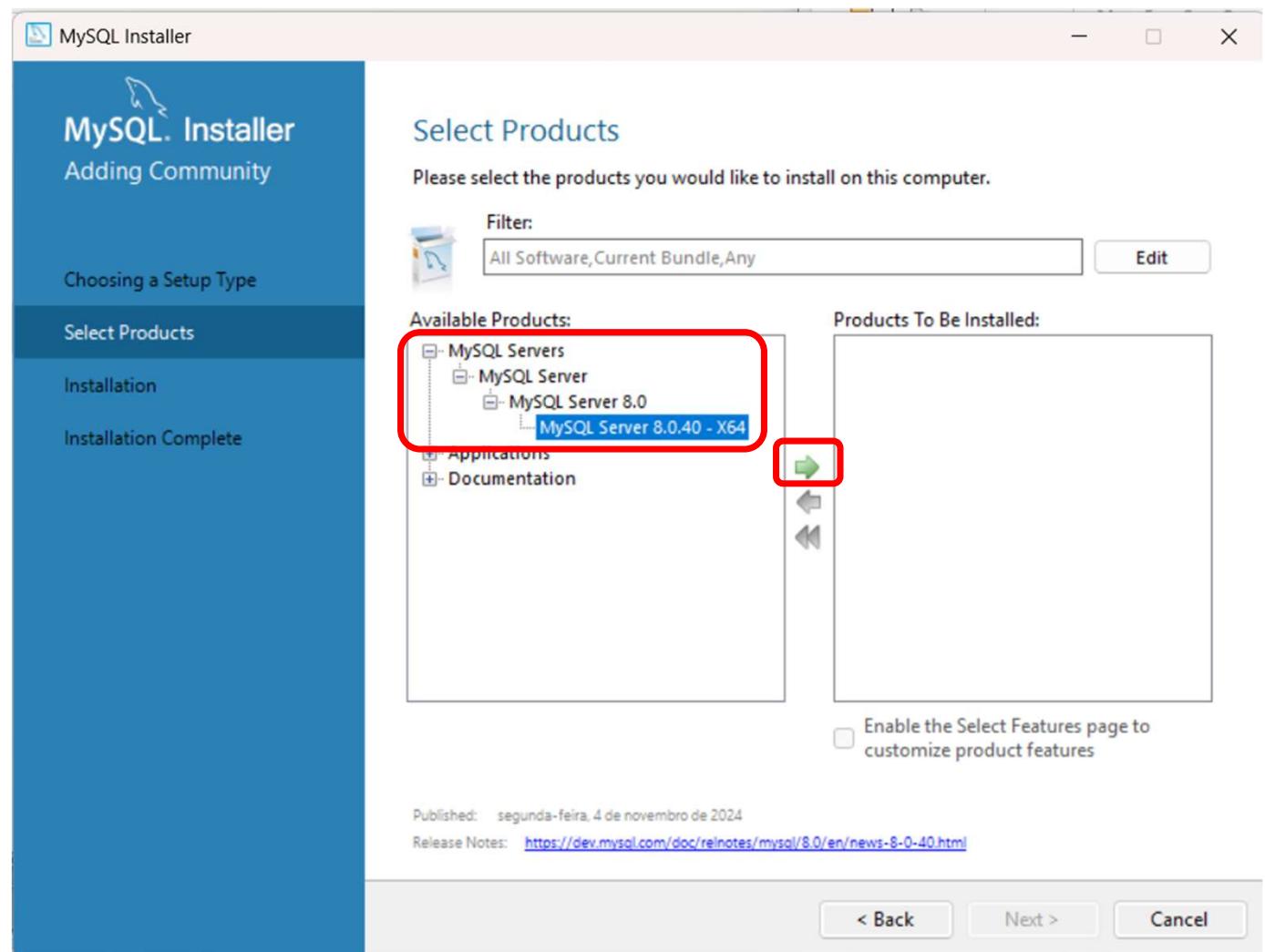
Abrir o arquivo de
instalação “**mysql-
installer-Community-
8.0.40.0.msi**”



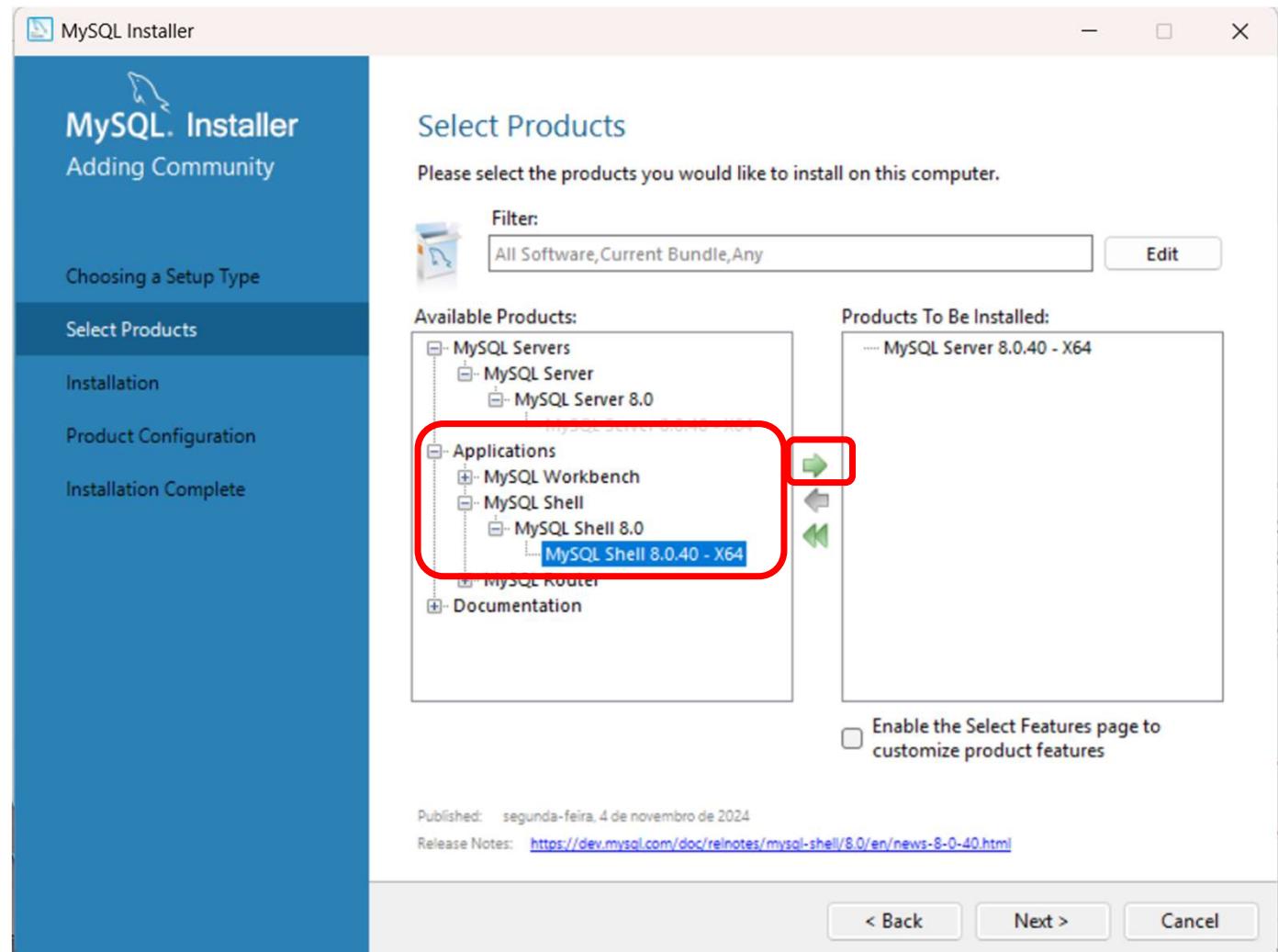
Selecionar “Custom” e clicar em “Next >”



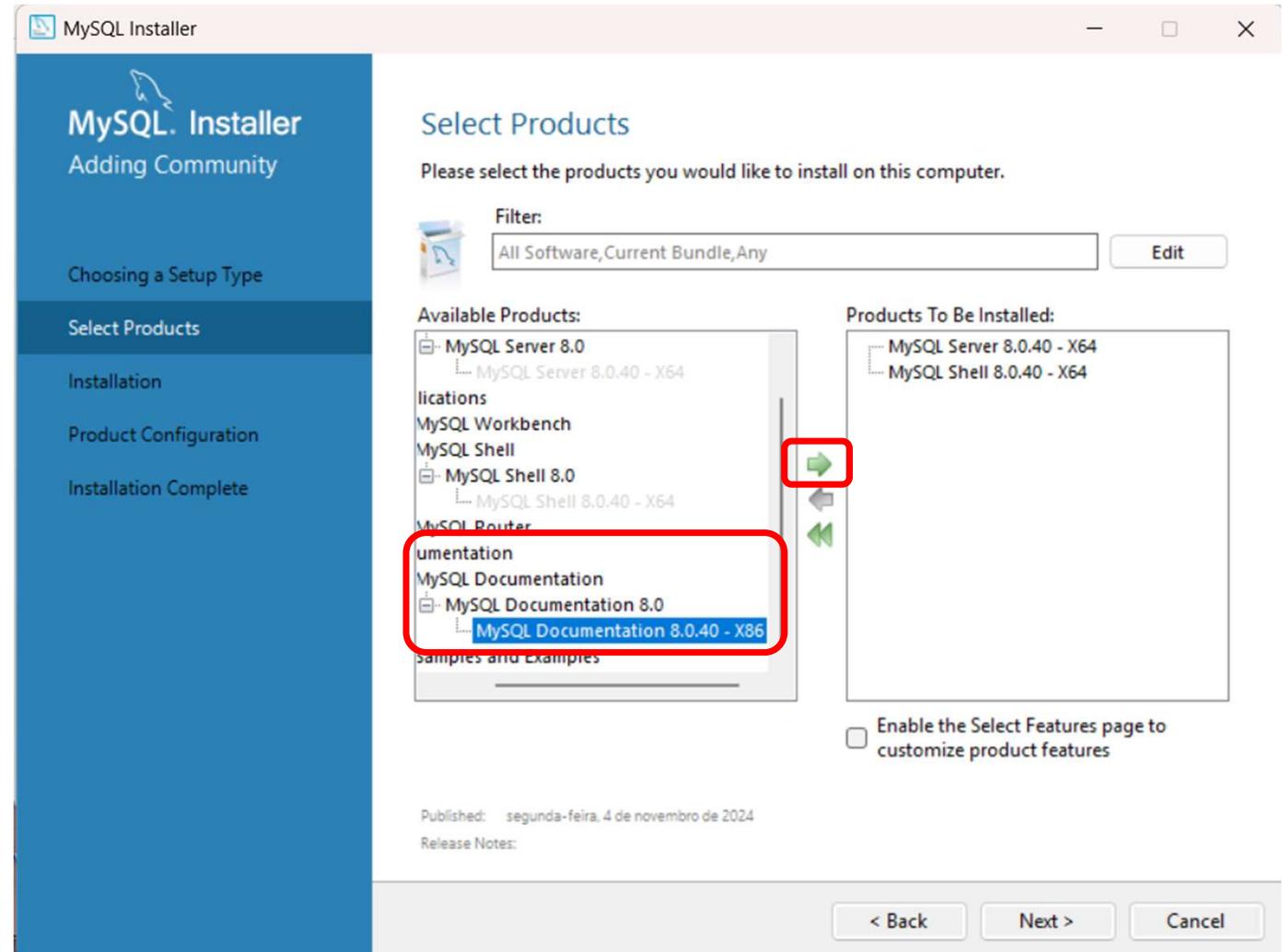
Selecionar “MySQL Server 8.0.40 – X64” e clicar na seta para mover para a janela de itens a ser instalados



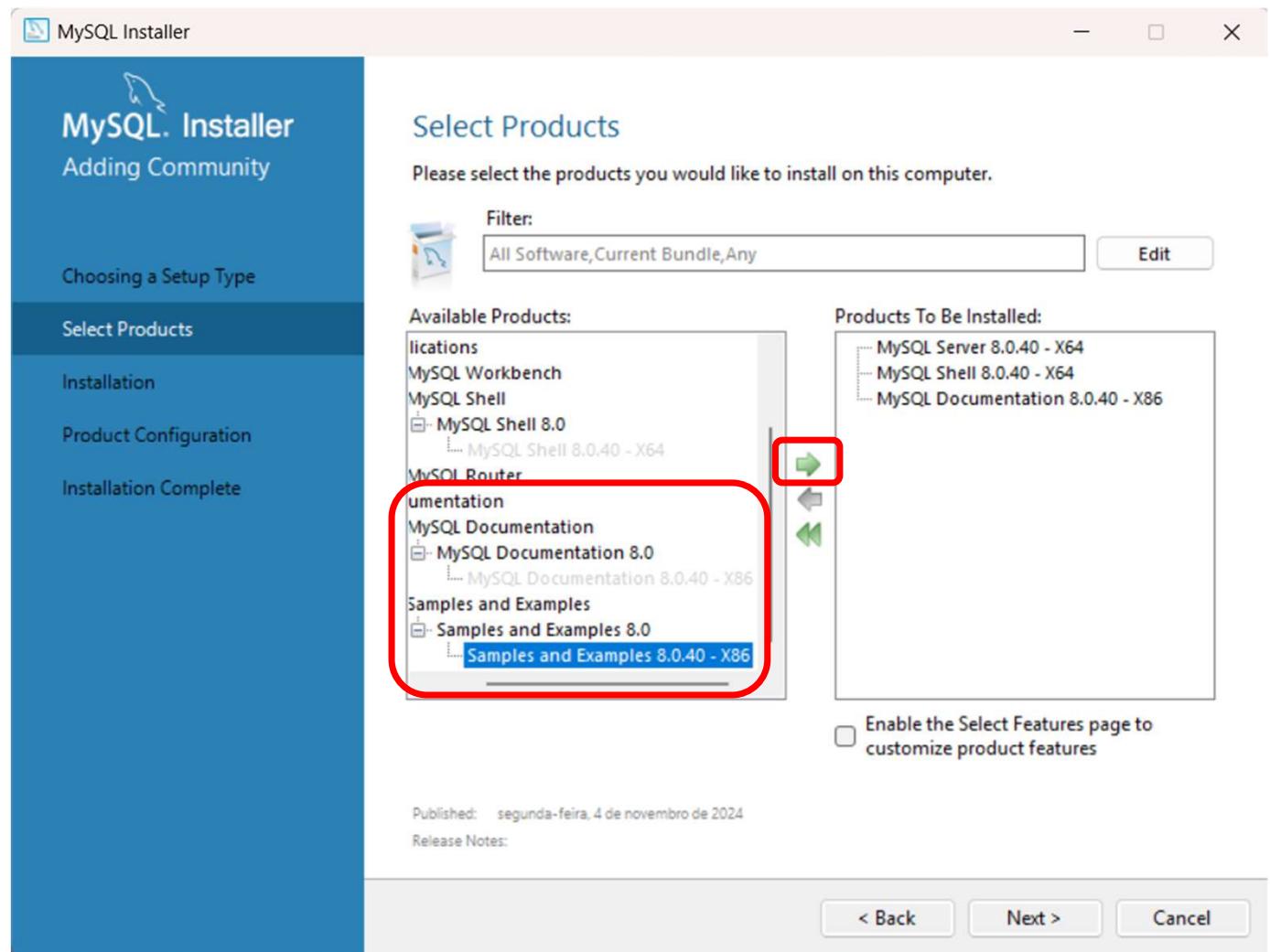
Selecionar “MySQL Shell 8.0.40 – X64” e clicar na seta para mover para a janela de itens a ser instalados



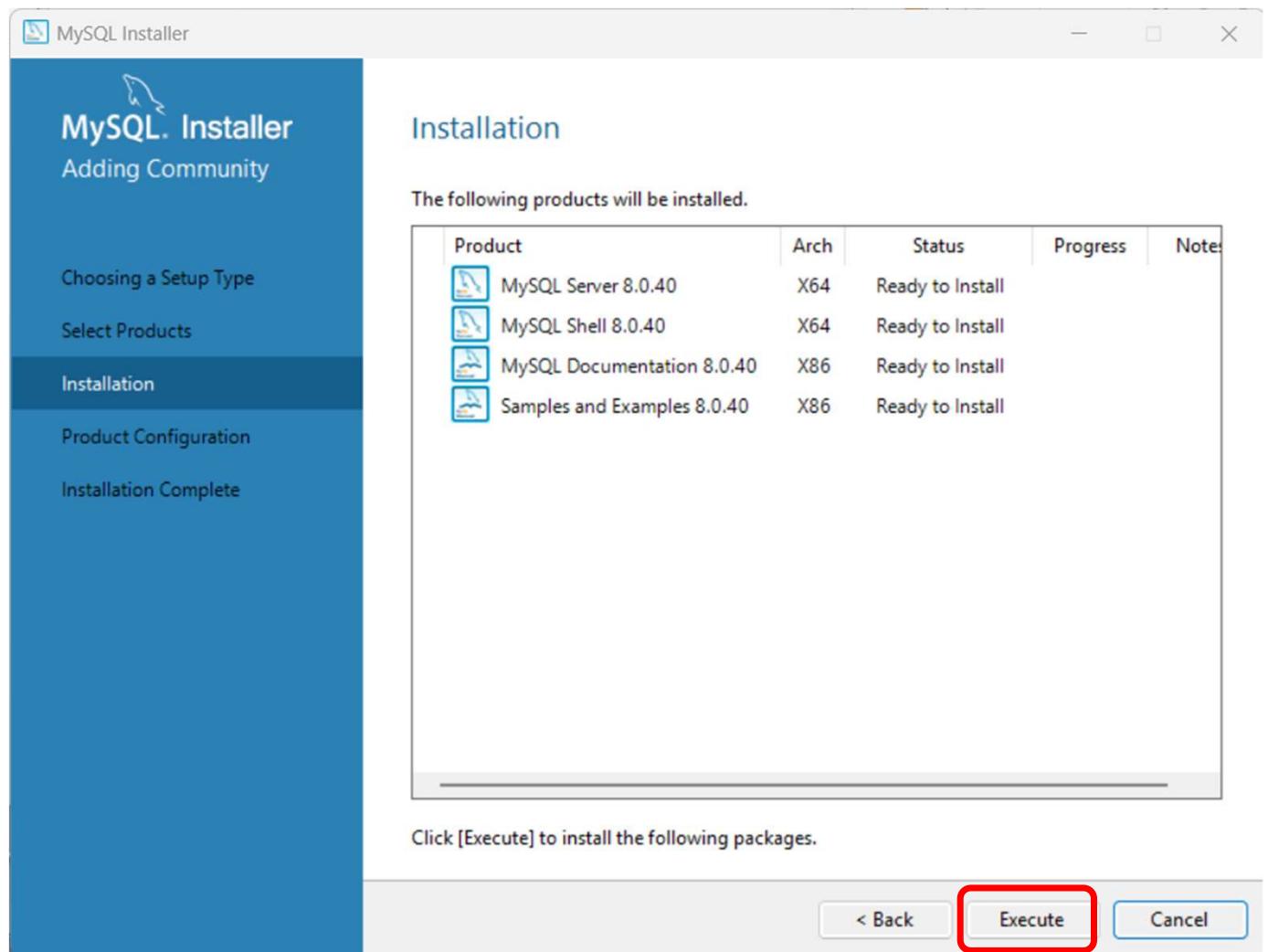
Seleccionar “MySQL Documentation 8.0.40 – X64” e clicar na seta para mover para a janela de itens a ser instalados



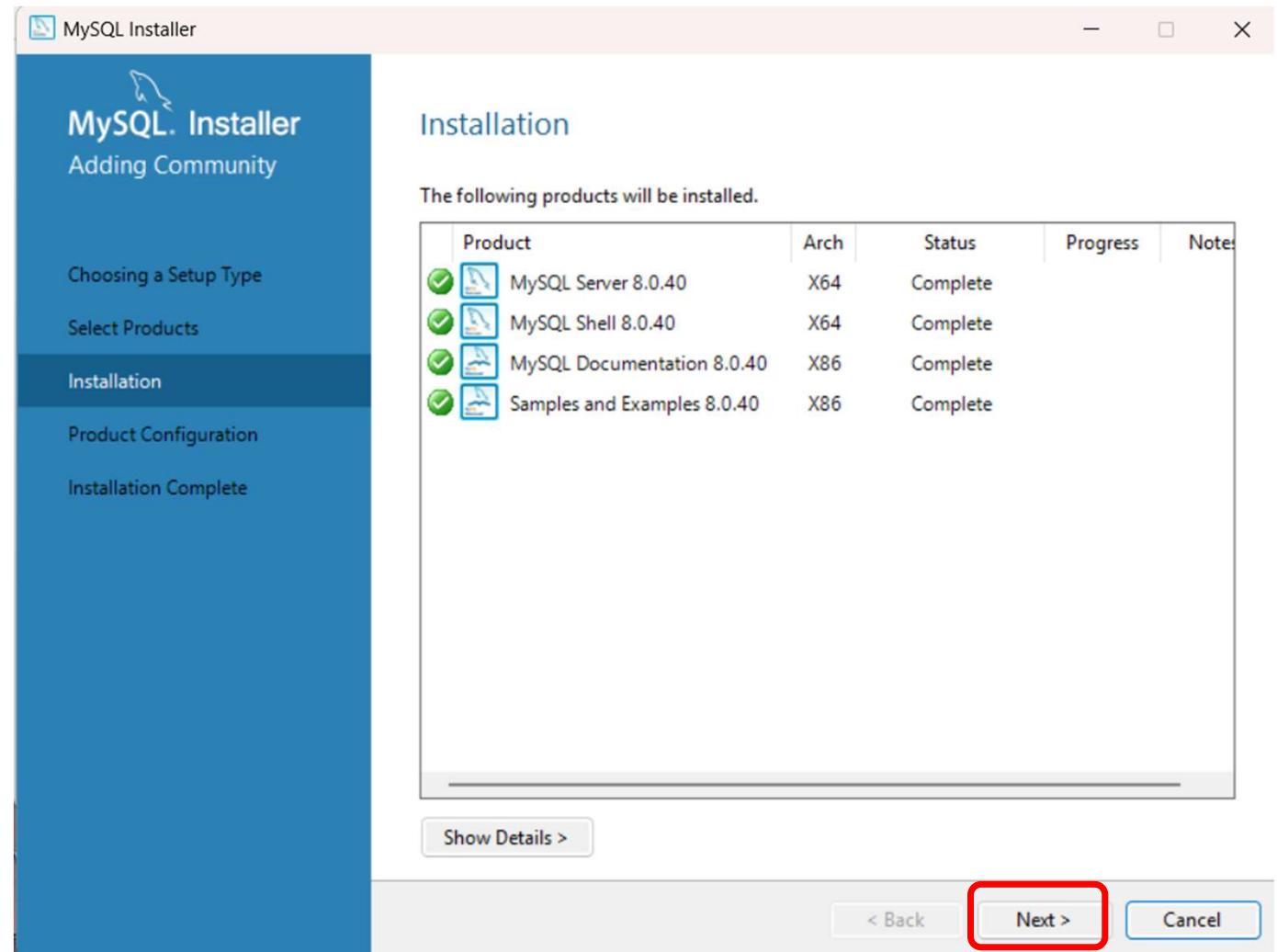
Seleccionar “Samples and Examples 8.0.40 – X64” e clicar na seta para mover para a janela de itens a ser instalados



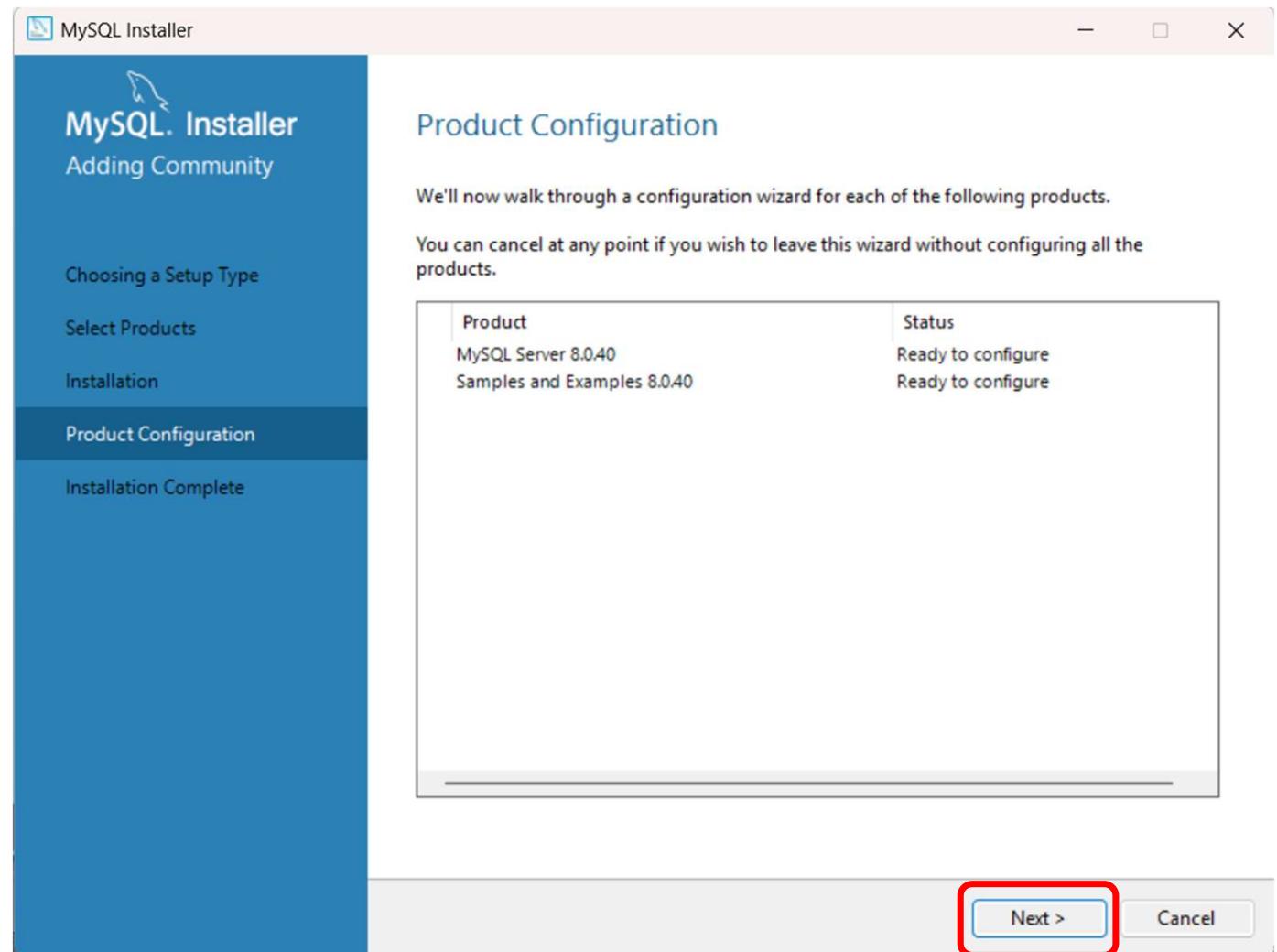
Clicar em “Execute”



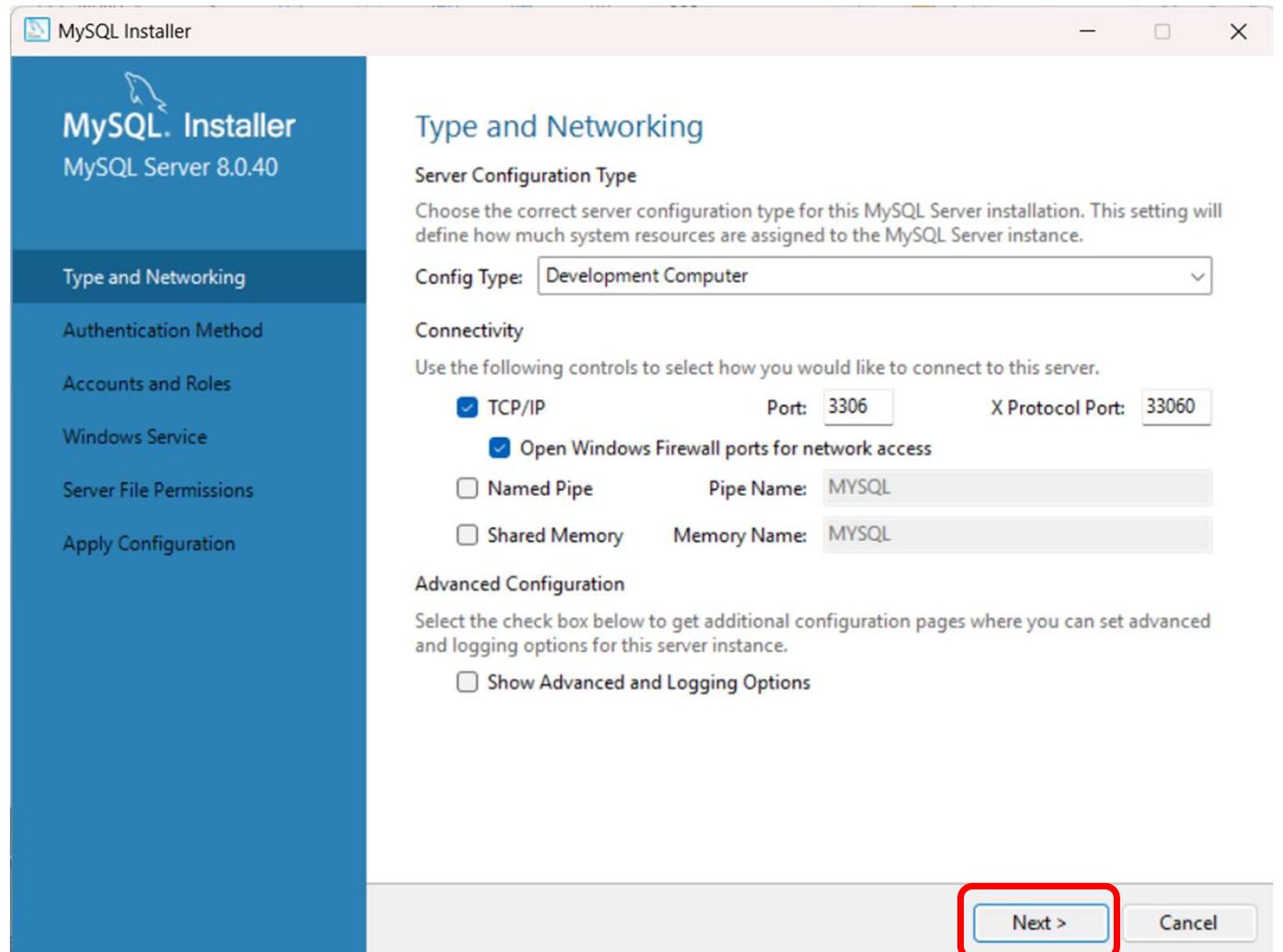
Clicar em “Next >”



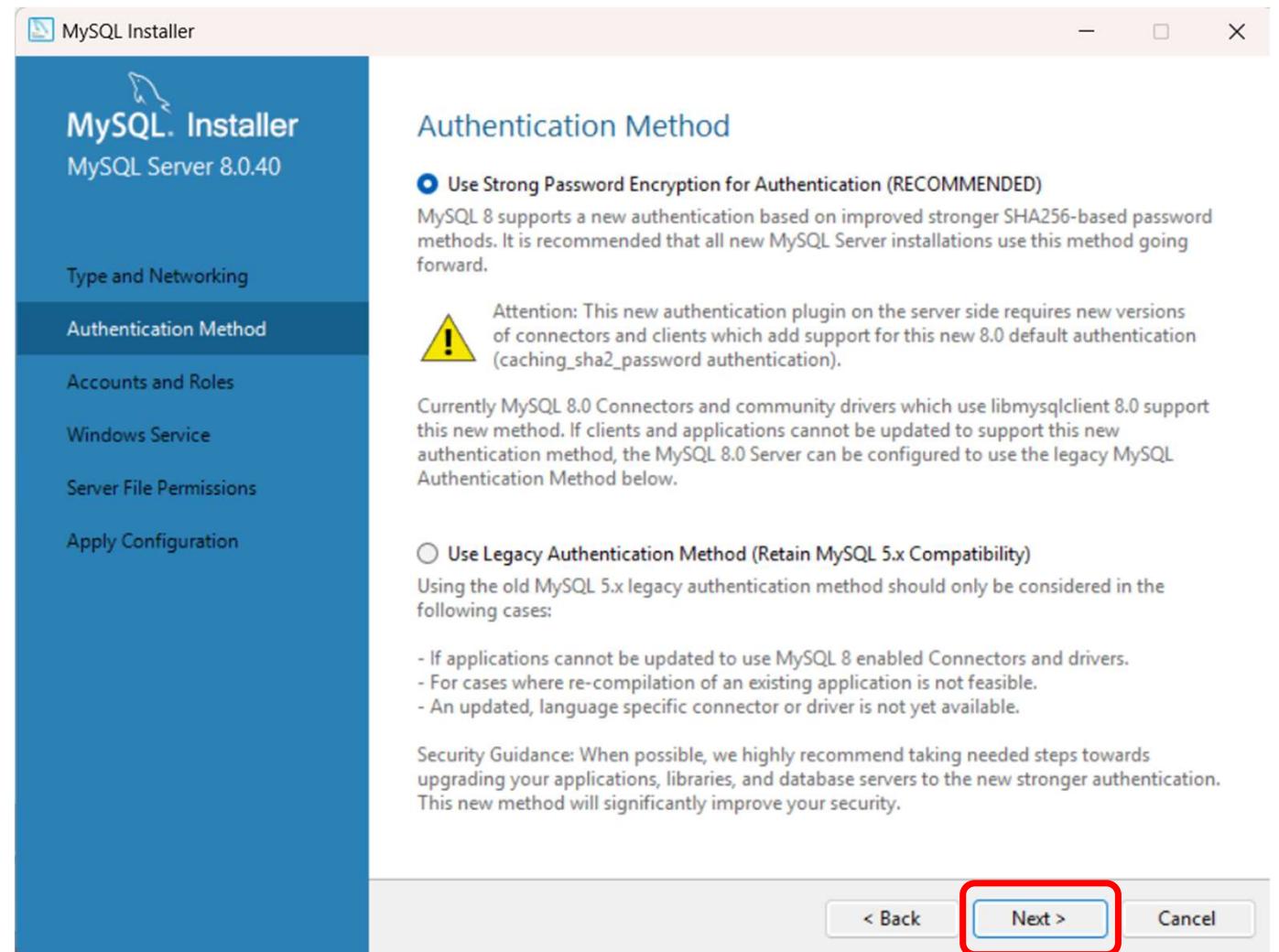
Clicar em “Next >”



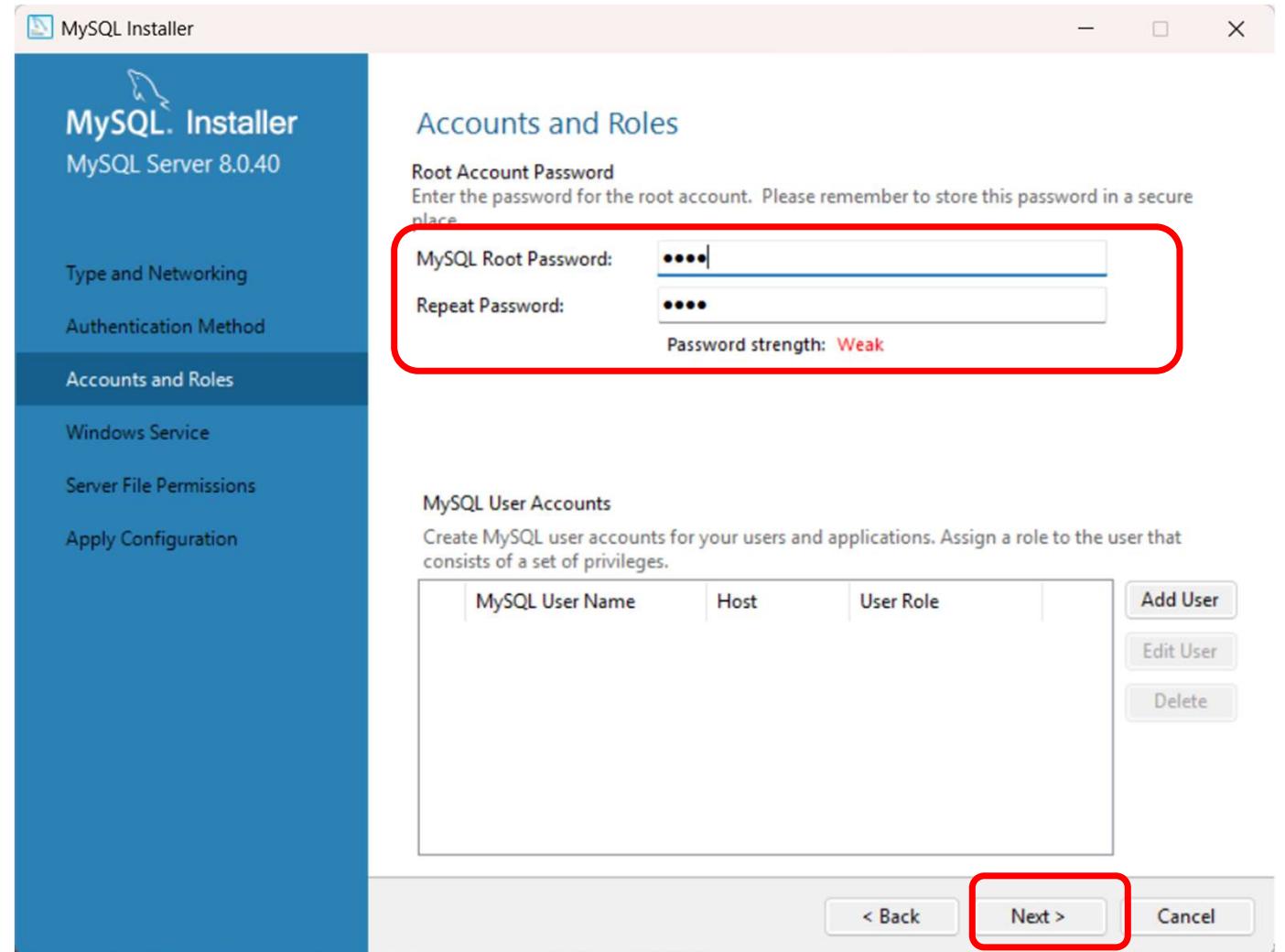
Clicar em “Next >”



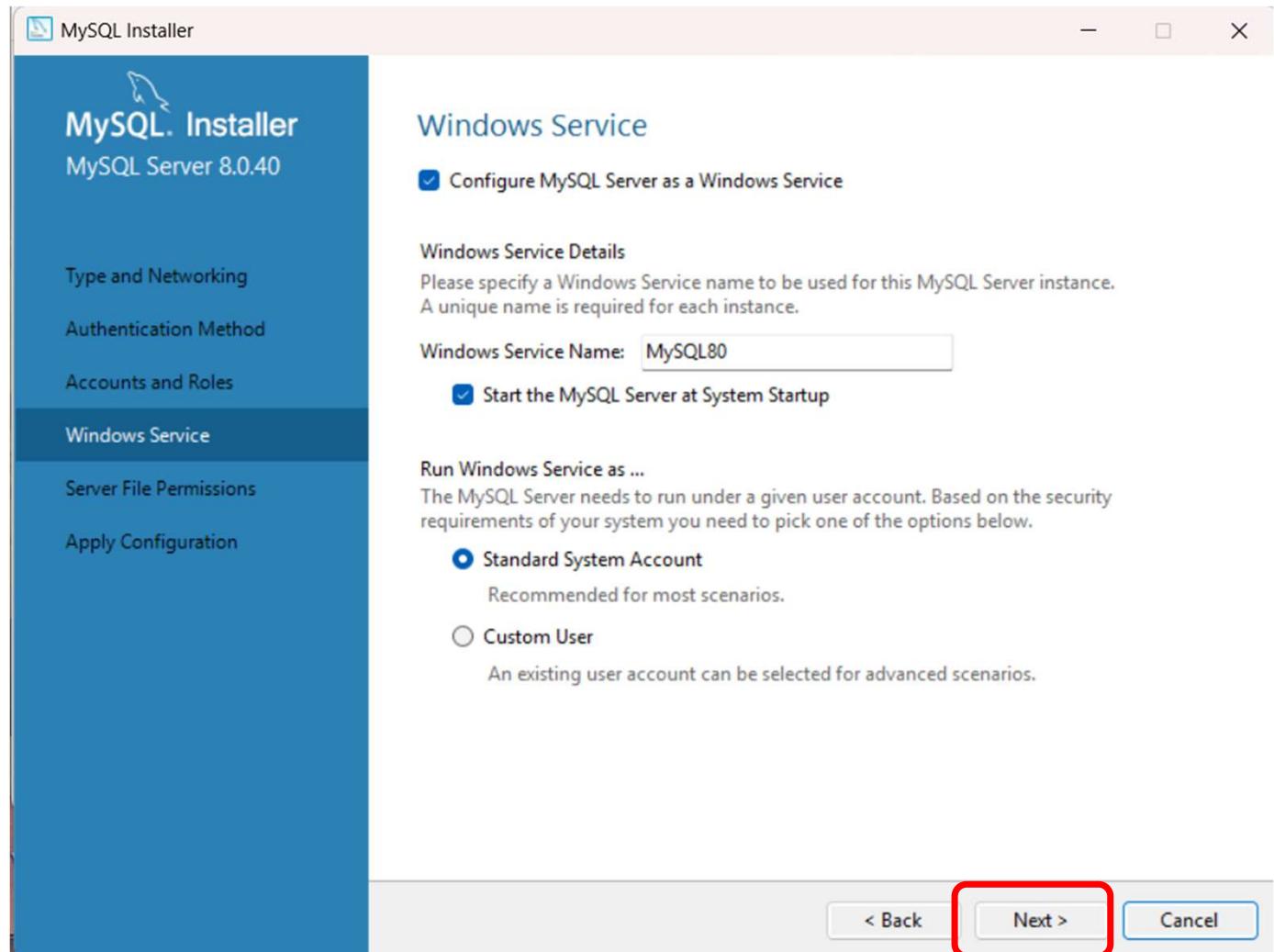
Clicar em “Next >”



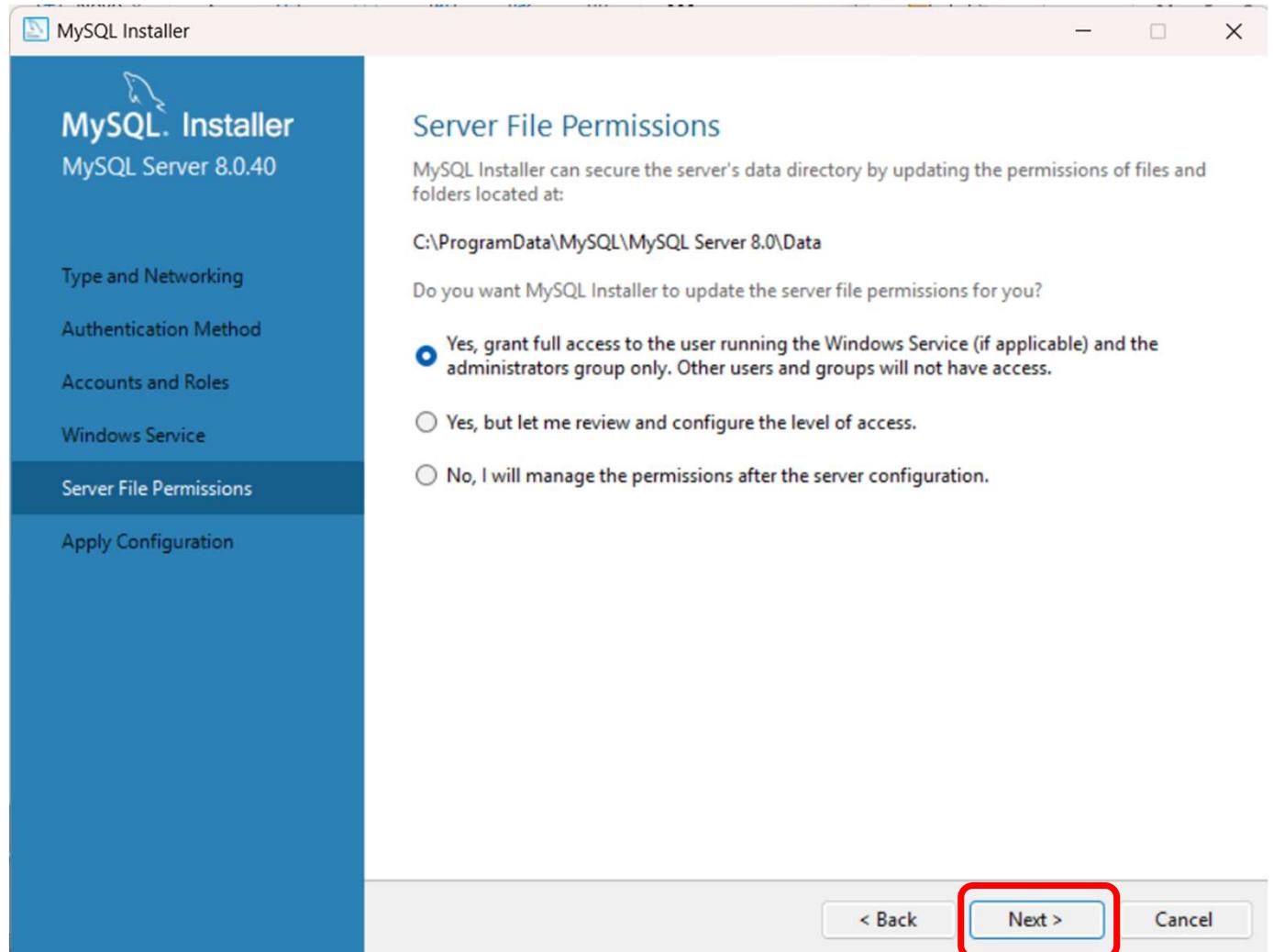
Digitar e repetir a senha do usuário “root” e clicar em “Next >”



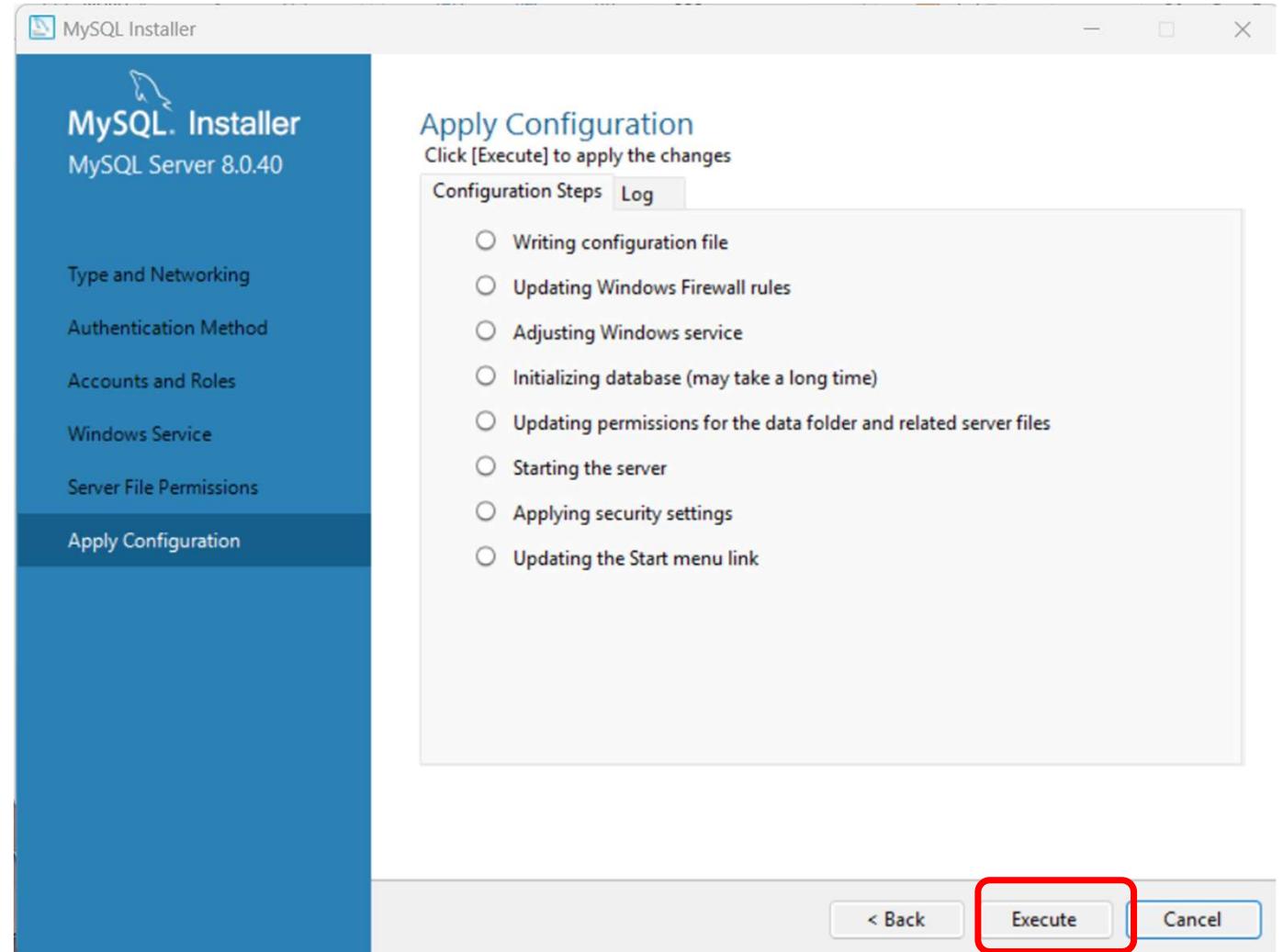
Clicar em “Next >”



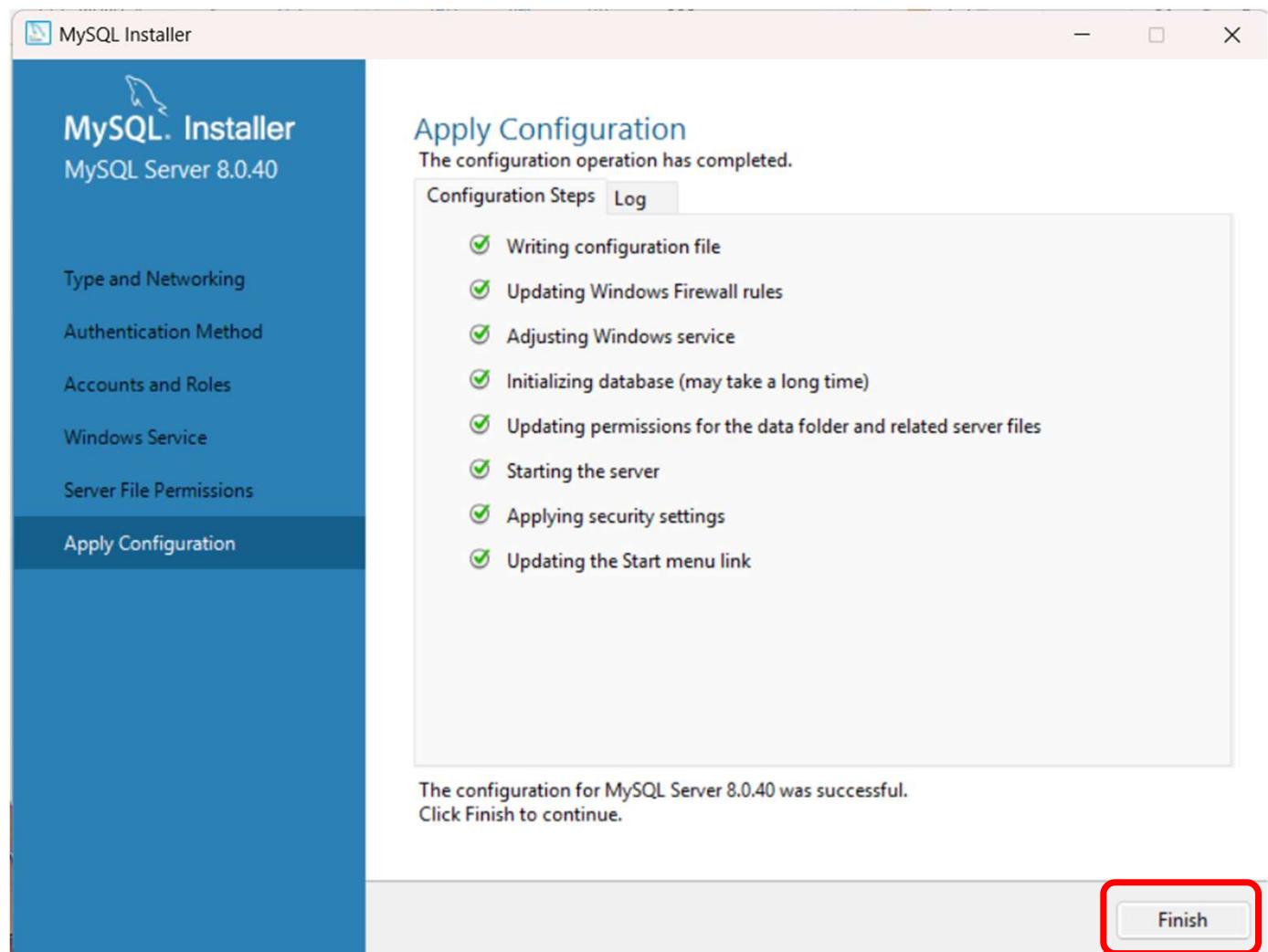
Clicar em “Next >”



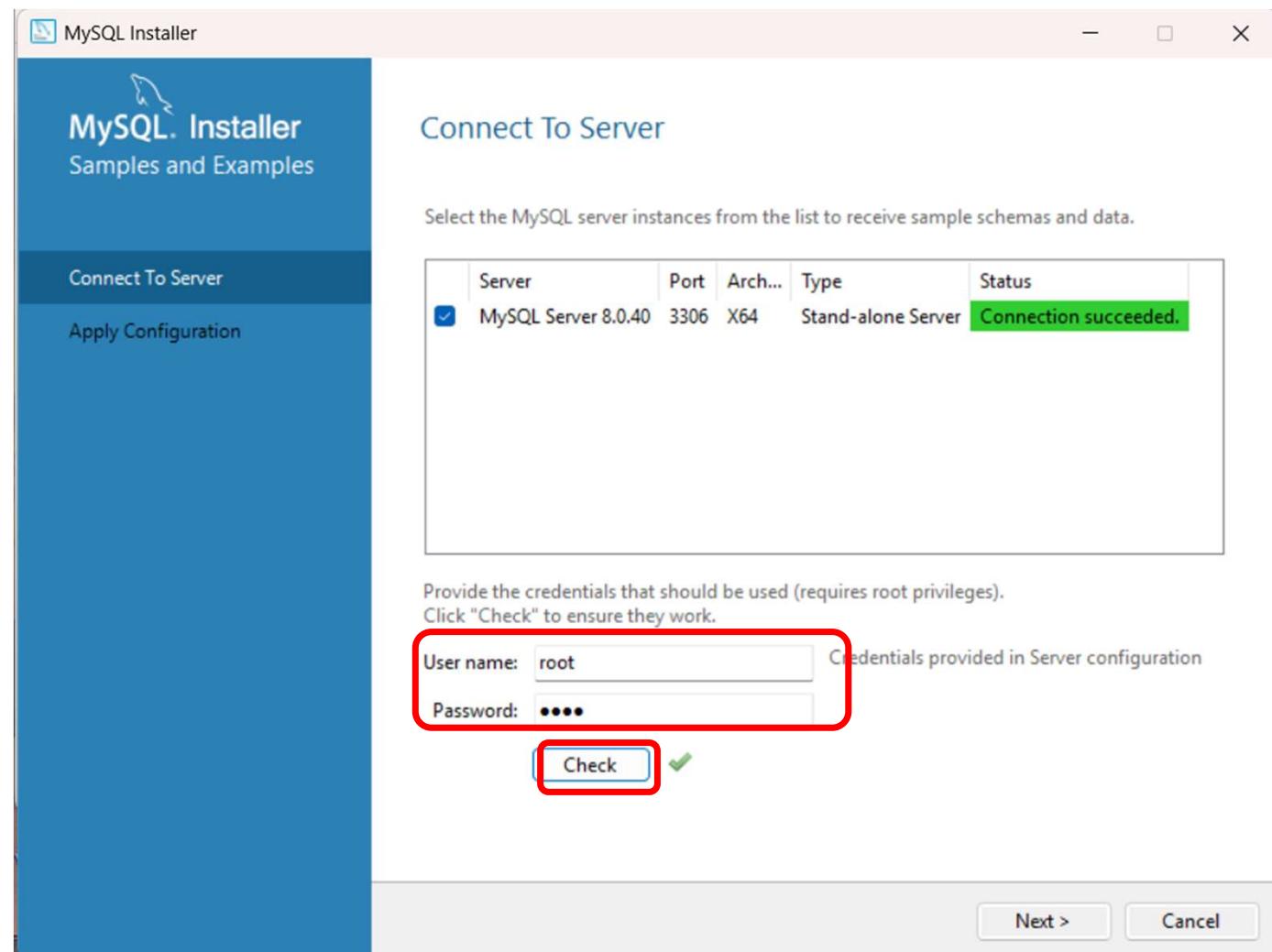
Clicar em “Execute”



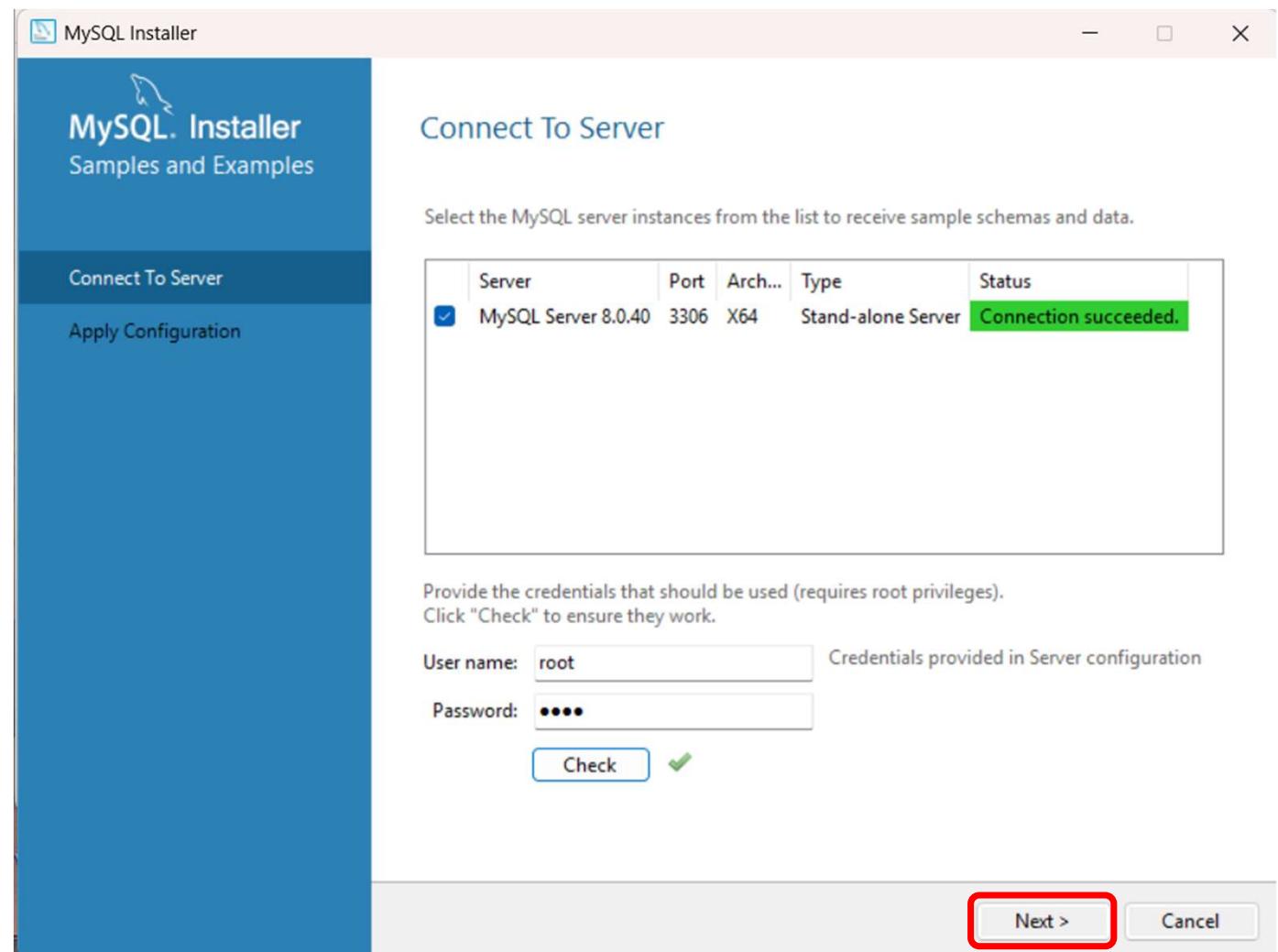
Clicar em “Finish”



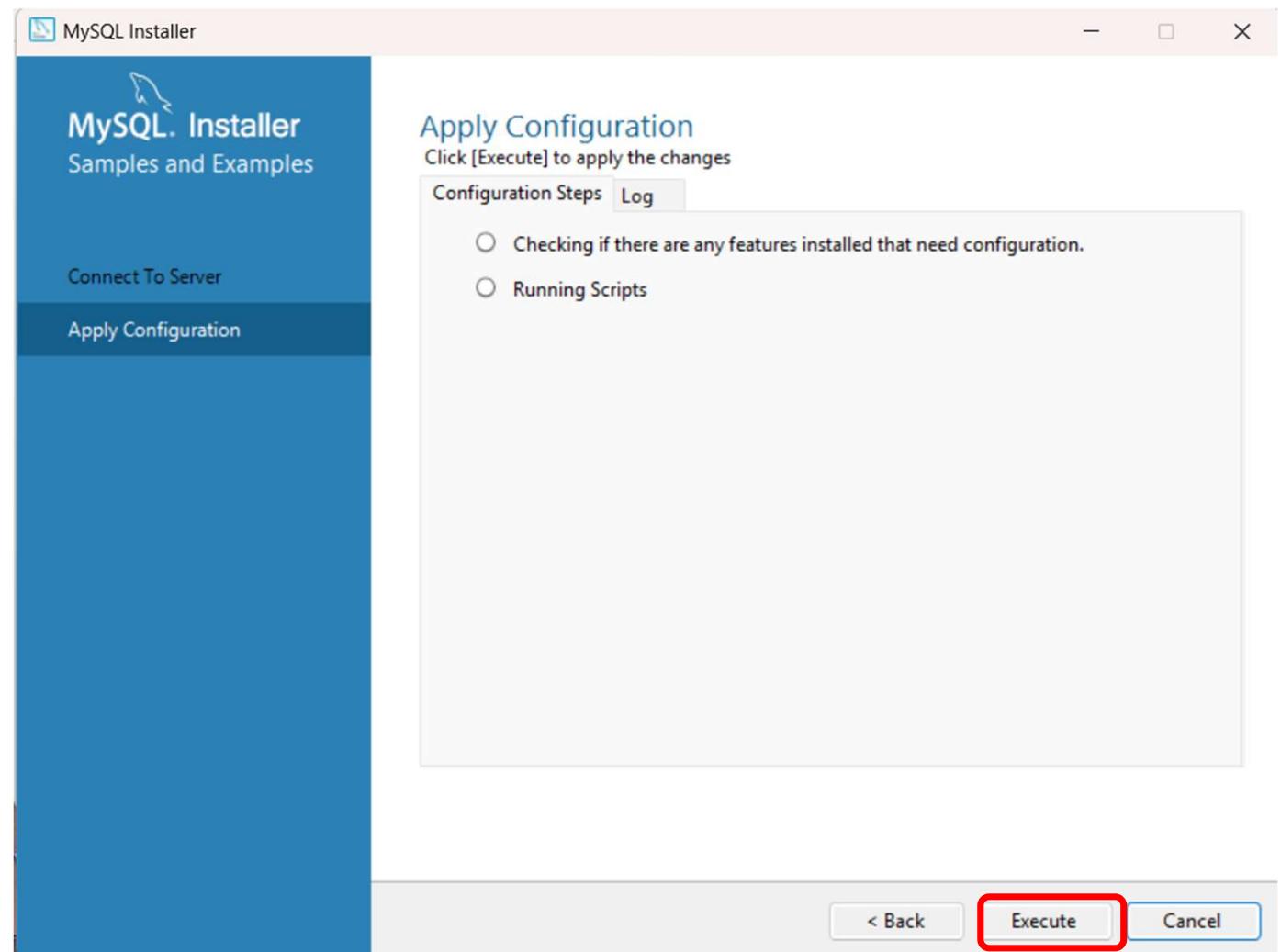
Digitar a senha Clicar em
“Check”



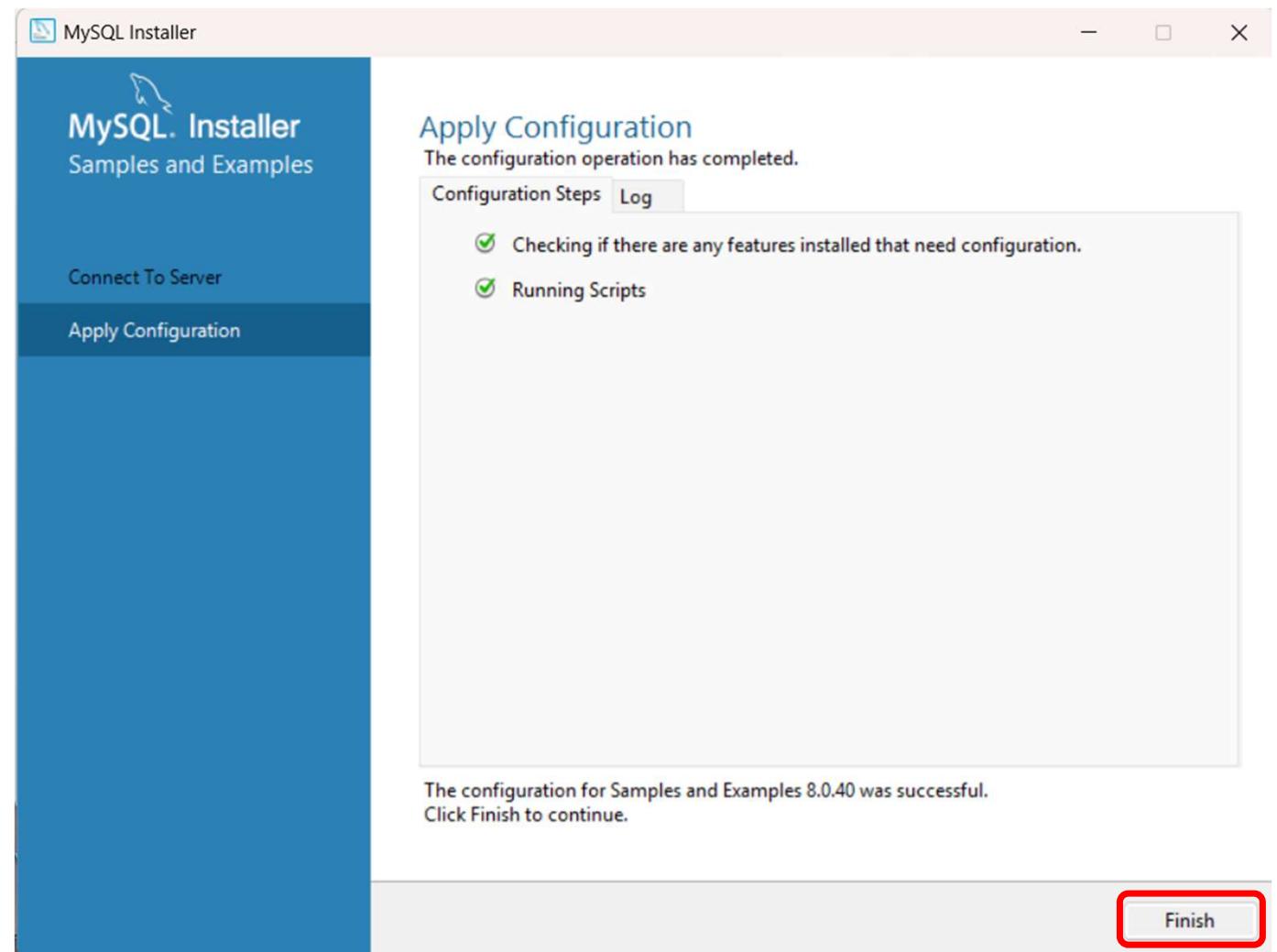
Clicar em “Next >”



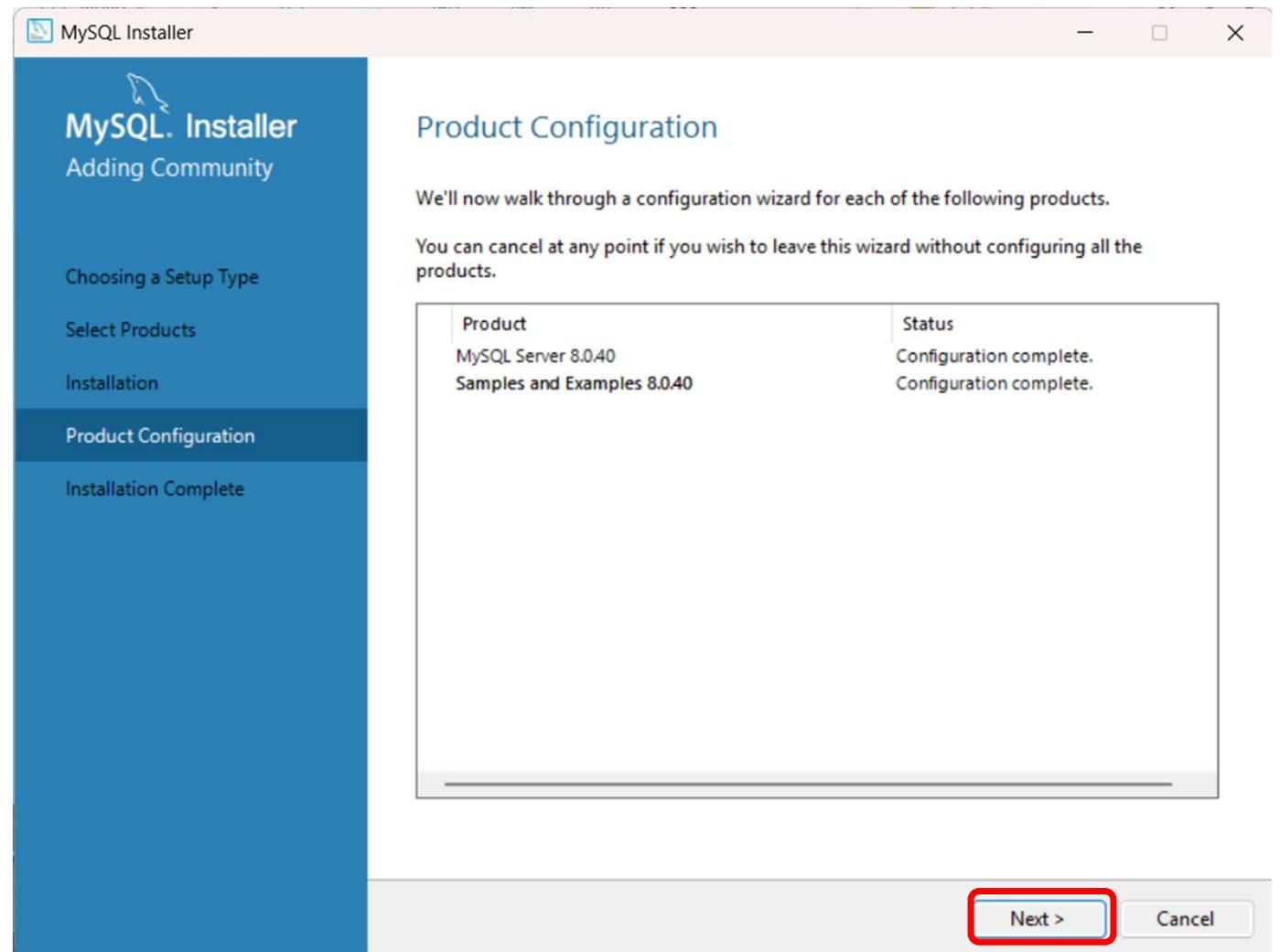
Clicar em “Execute”



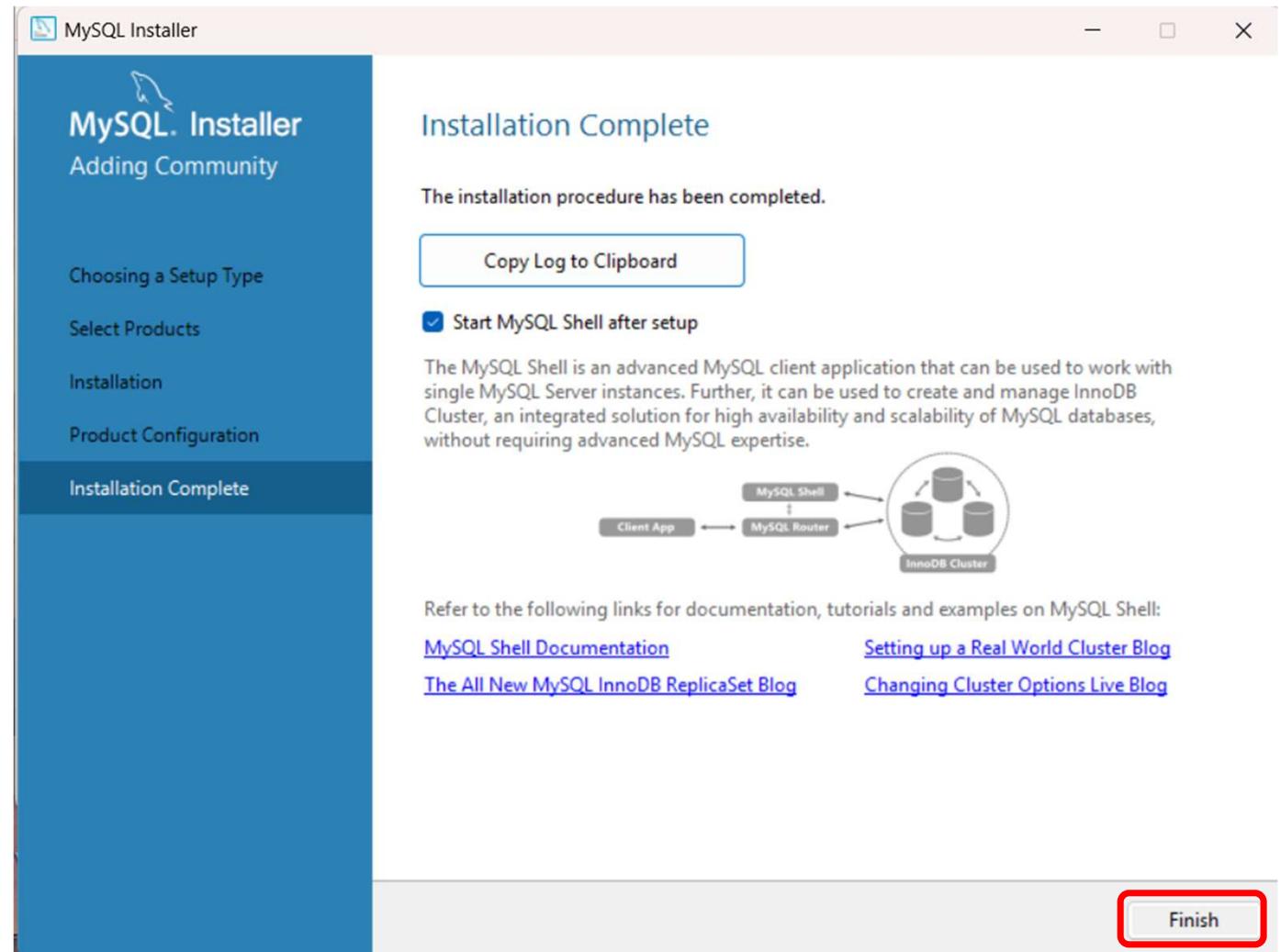
Clicar em “Finish”



Clicar em “Next >”



Clicar em “Next >”



Prompt do MySQL



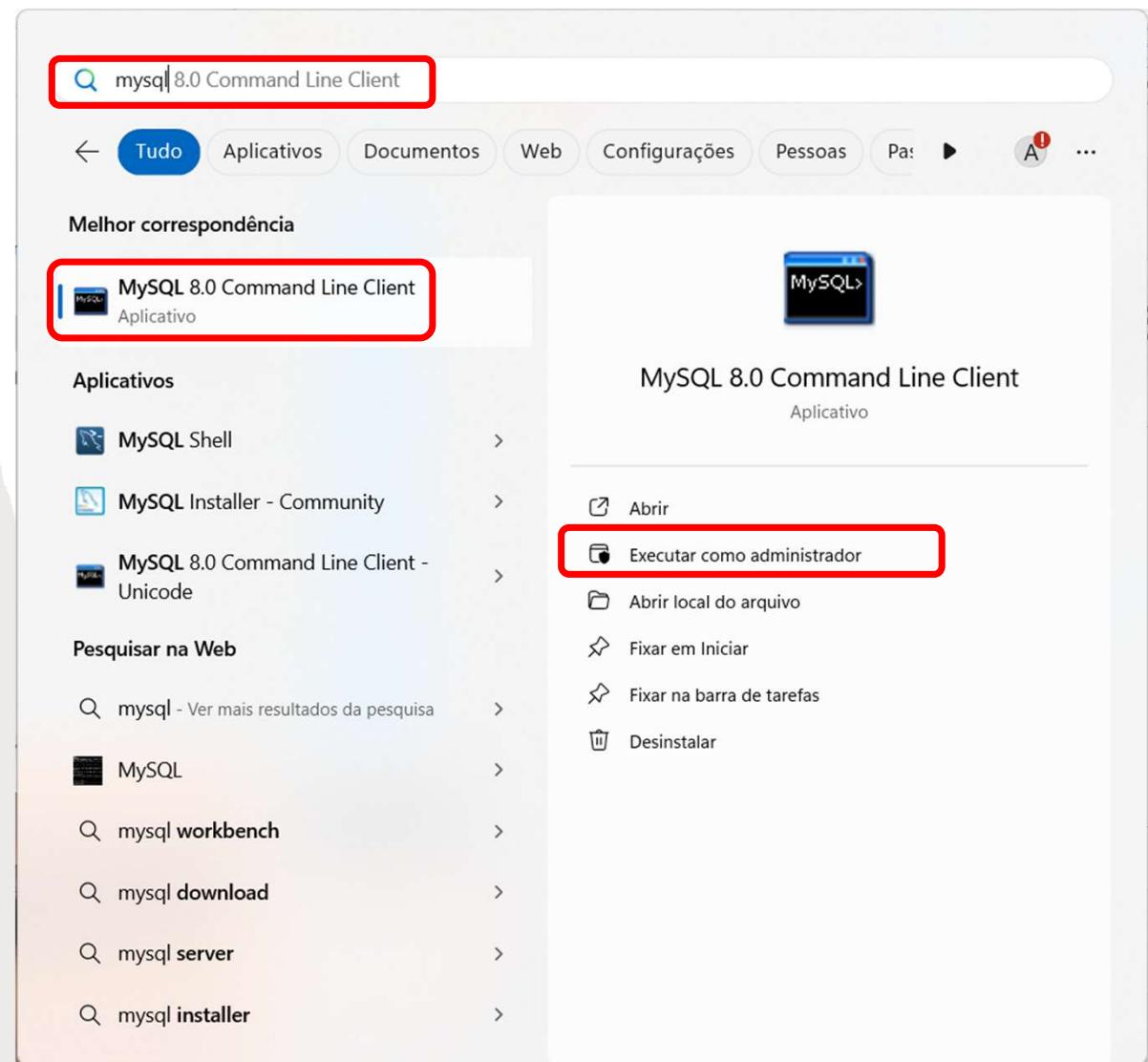
```
C:\Program Files\MySQL\MySQL Shell 8.0\bin\mysqlsh.exe
MySQL Shell 8.0.40

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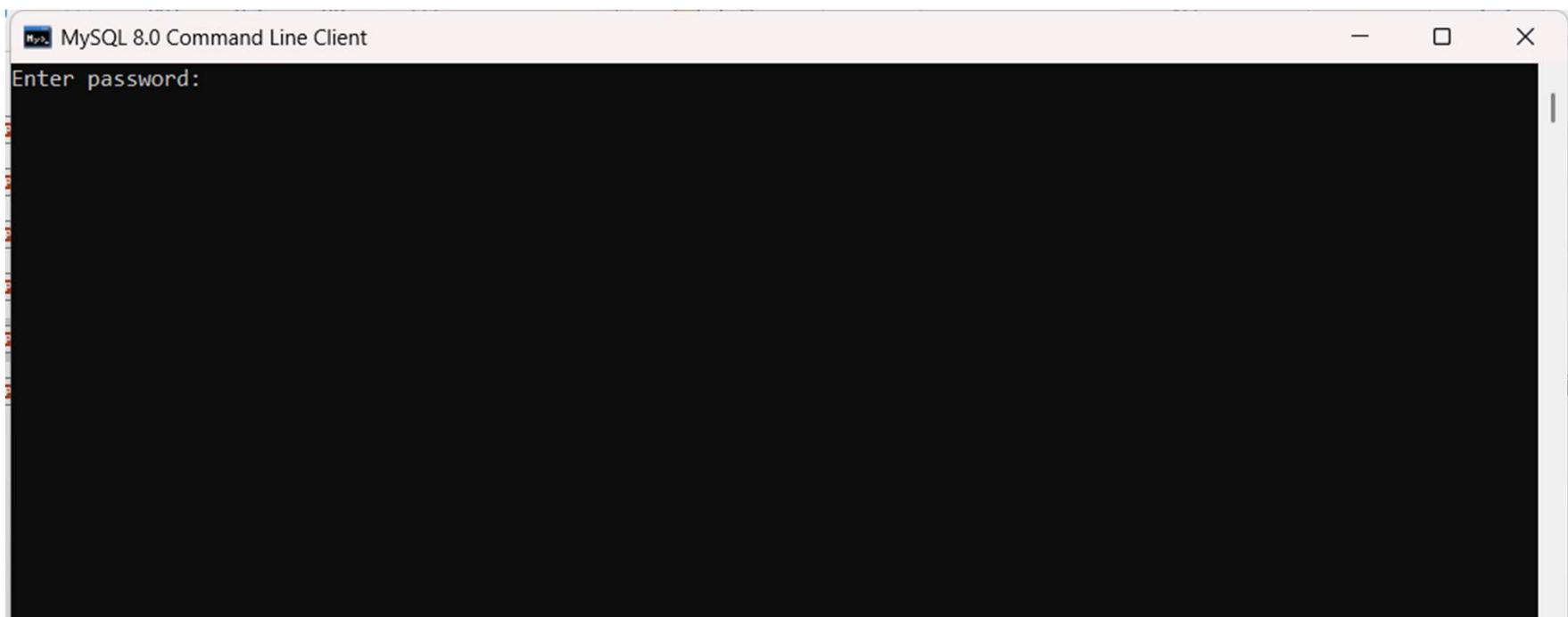
Type '\help' or '\?' for help; '\quit' to exit.
MySQL JS >
```

Acessar o Prompt do MySQL client no Windows

Digitar “mysql” na busca e abrir o **“MySQL 8.0 Command Line Client”**, Executar como administrador



Digitar a senha



Prompt do MySQL cliente

Para sair digite “**quit;**” ou “**\quit**”



```
MySQL 8.0 Command Line Client
Enter password: ****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 20
Server version: 8.0.40 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```