

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

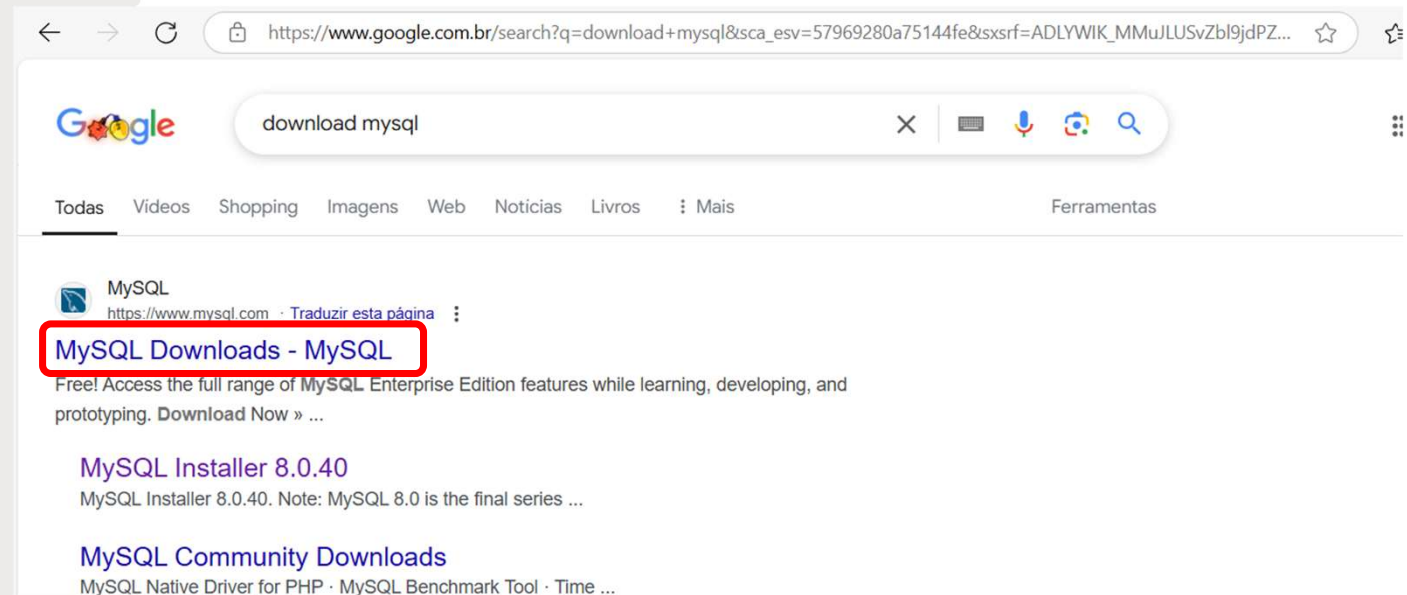
Fazer o download do MySQL

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 image shows a screenshot of the MySQL website's 'Downloads' page. The browser address bar displays 'https://www.mysql.com/downloads/'. The page header includes the MySQL logo, the tagline 'The world's most popular open source database', and links for 'Contact MySQL', 'Login', and 'Register'. The main navigation menu features 'MYSQL.COM', 'DOWNLOADS' (which is underlined), 'DOCUMENTATION', and 'DEVELOPER ZONE'. The 'Downloads' section is divided into two columns. The left column, titled 'Contact Sales', lists phone numbers for various regions: USA (+1-866-221-0634), Canada (+1-866-221-0634), 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). The right column, titled 'Learn More >>', contains links for 'Customer Download from My Oracle Support (MOS) >>' and 'Trial Download from Oracle edelivery >>'. At the bottom of this column, the link 'MySQL Community (GPL) Downloads >>' is highlighted with a red rectangular box.

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Clicar em “MySQL Installer for Windows”

← ↻ <https://dev.mysql.com/downloads/> 26 /

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

https://dev.mysql.com/downloads/installer/

General Availability (GA) Releases Archives ⓘ

MySQL Installer 8.0.40

 **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.

Select Version:
8.0.40 ▼

Select Operating System:
Microsoft Windows ▼

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.40.0.msi)	8.0.40	2.1M	Download
MD5: e3b10c3cd4be4bbdf4f8a23afe375917 Signature			
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.40.0.msi)	8.0.40	306.5M	Download
MD5: 9e91b6b515ddea4495b62ffb7cee1f21 Signature			

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- Fast access to MySQL software downloads
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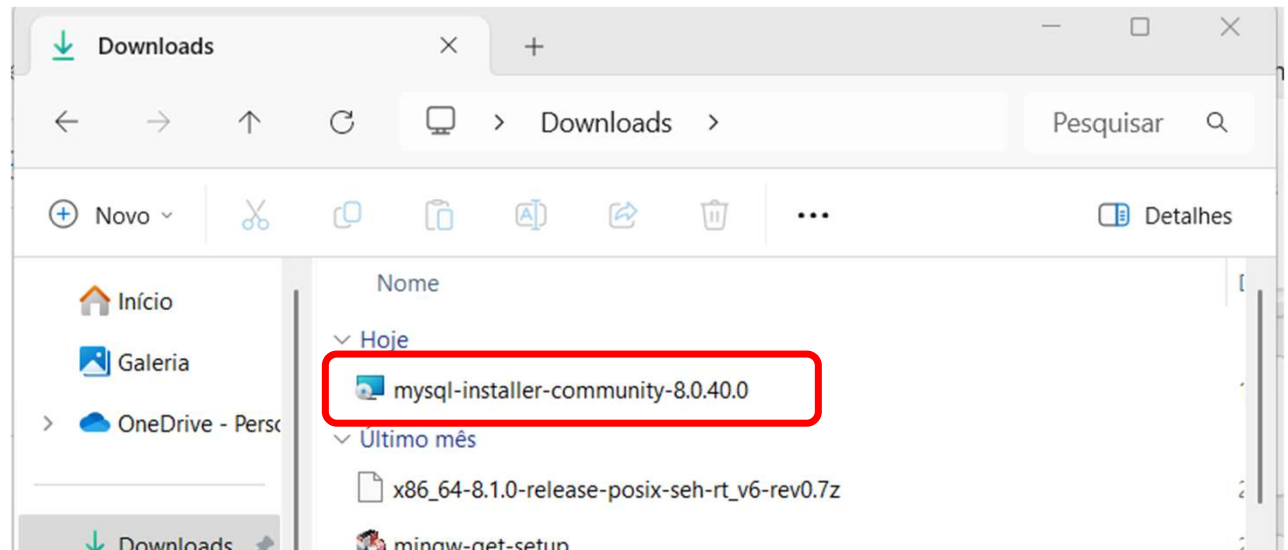
for an Oracle Web account

MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

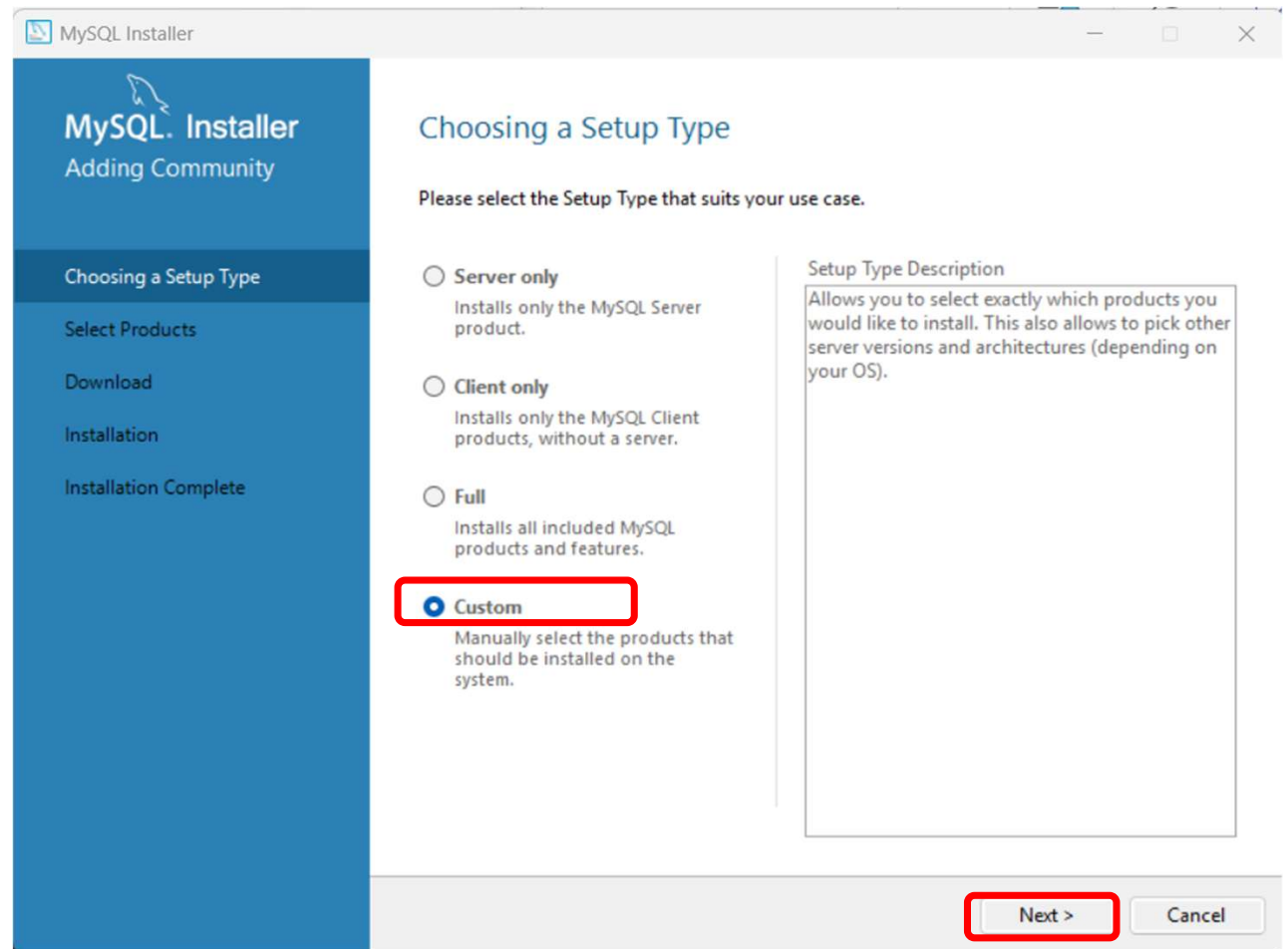
No thanks, just start my download.

Instalando o MySQL

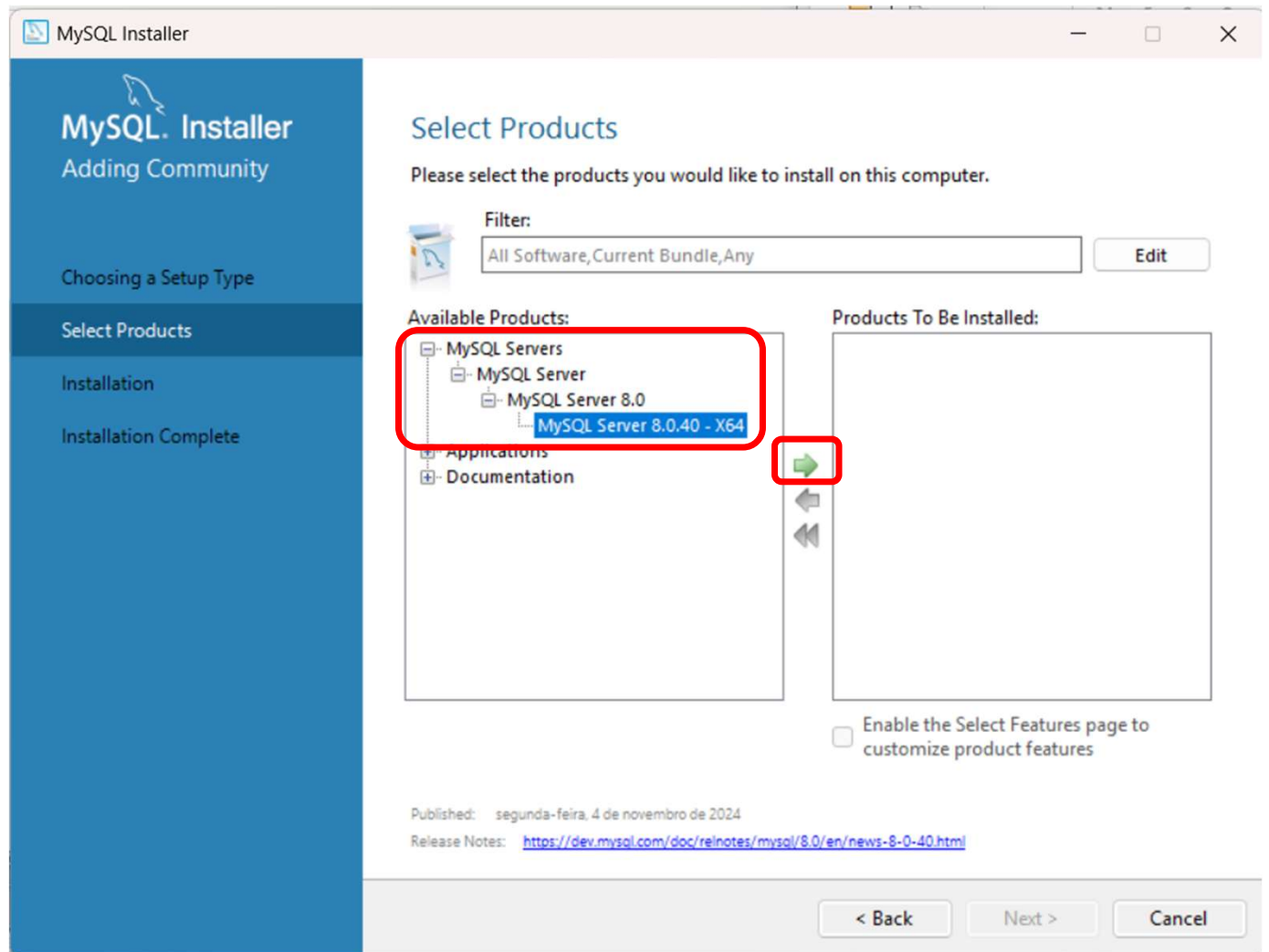
Abrir o arquivo de instalação “**mysql-installer-Community-8.0.40.0.msi**”



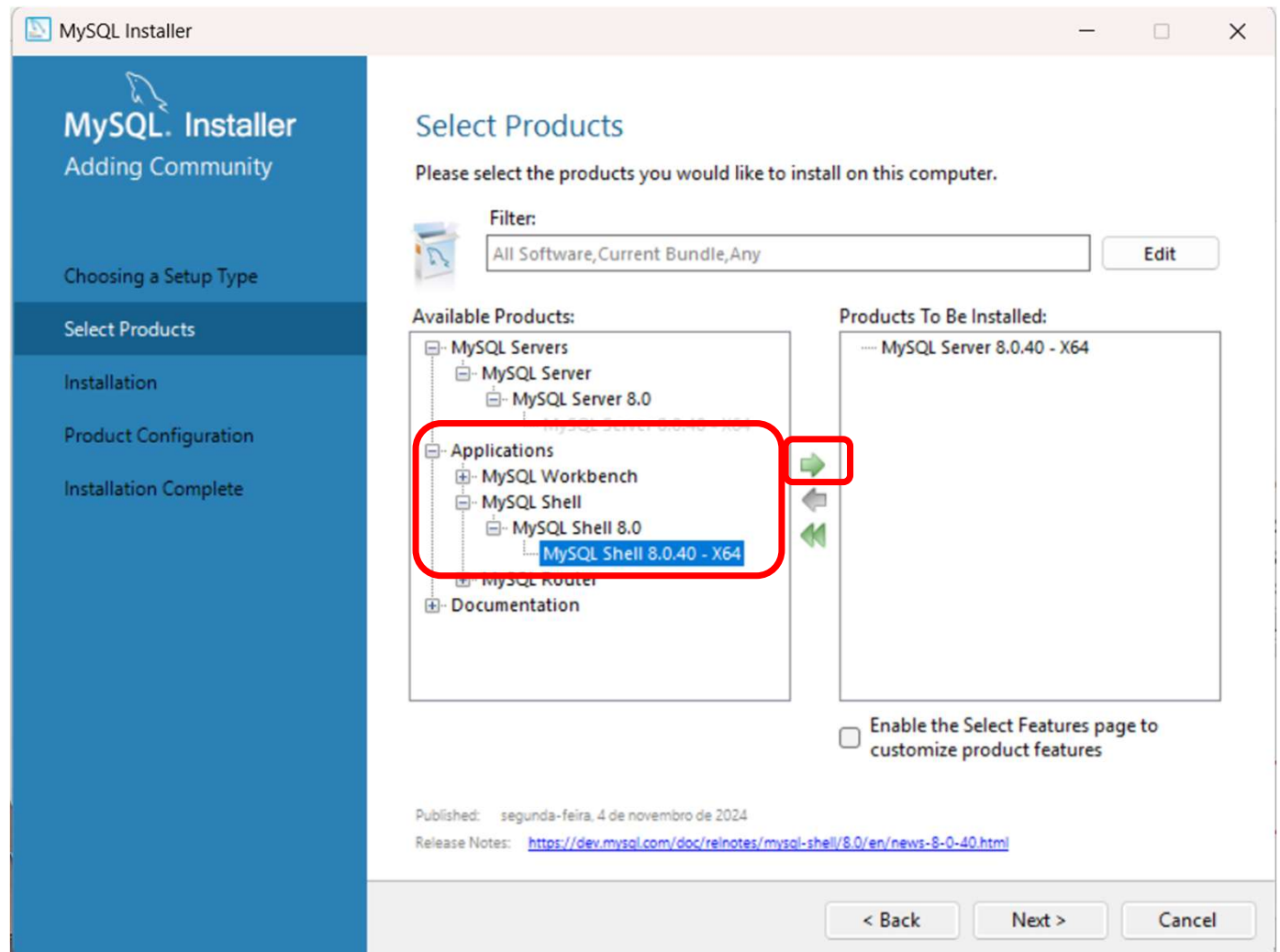
Selecionar “**Custom**” e
clicar em “**Next >**”



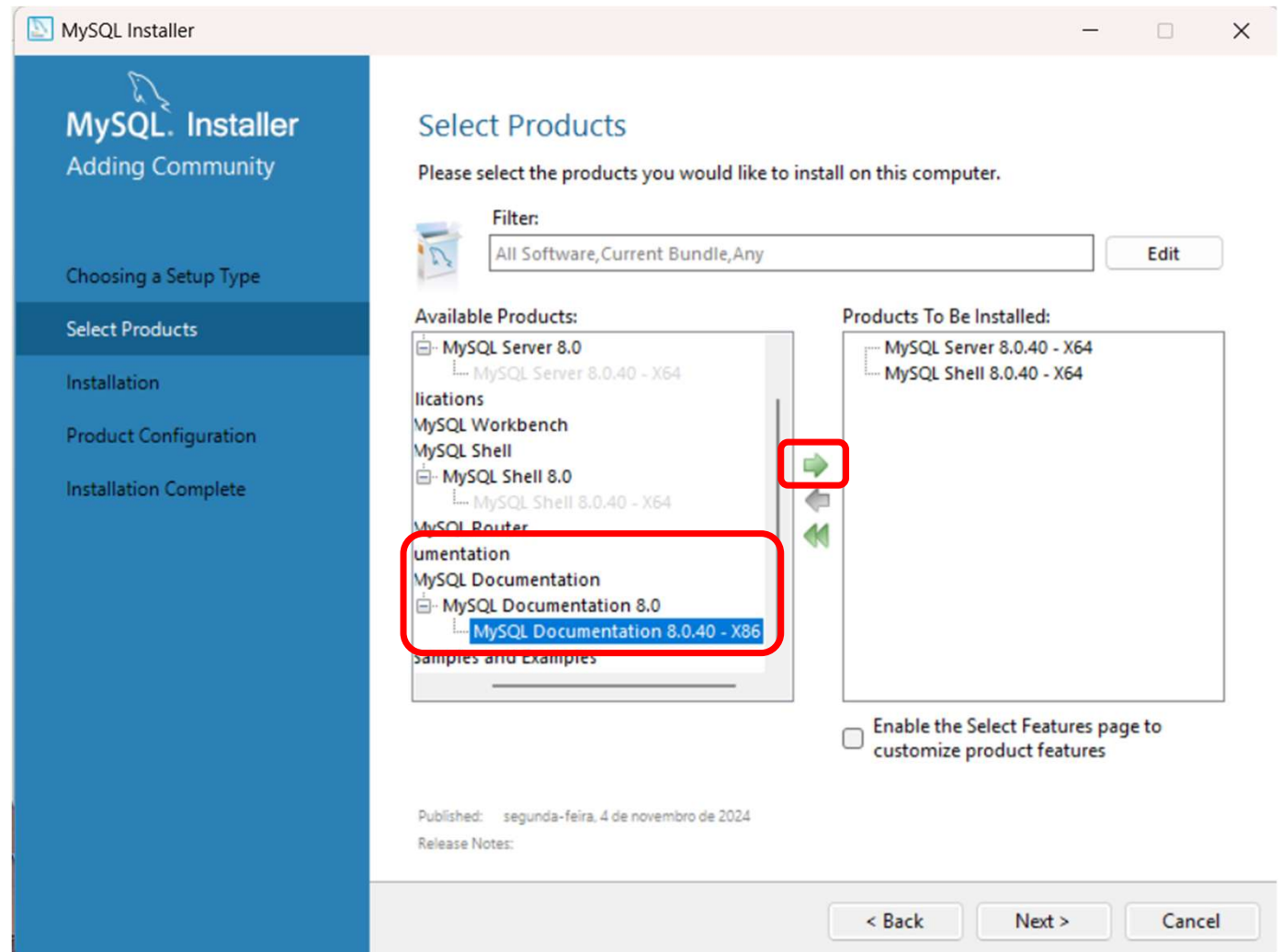
Selecionar “**MySQL Server 8.0.40 – X64**” e clicar na seta para mover para a janela de itens a ser instalados



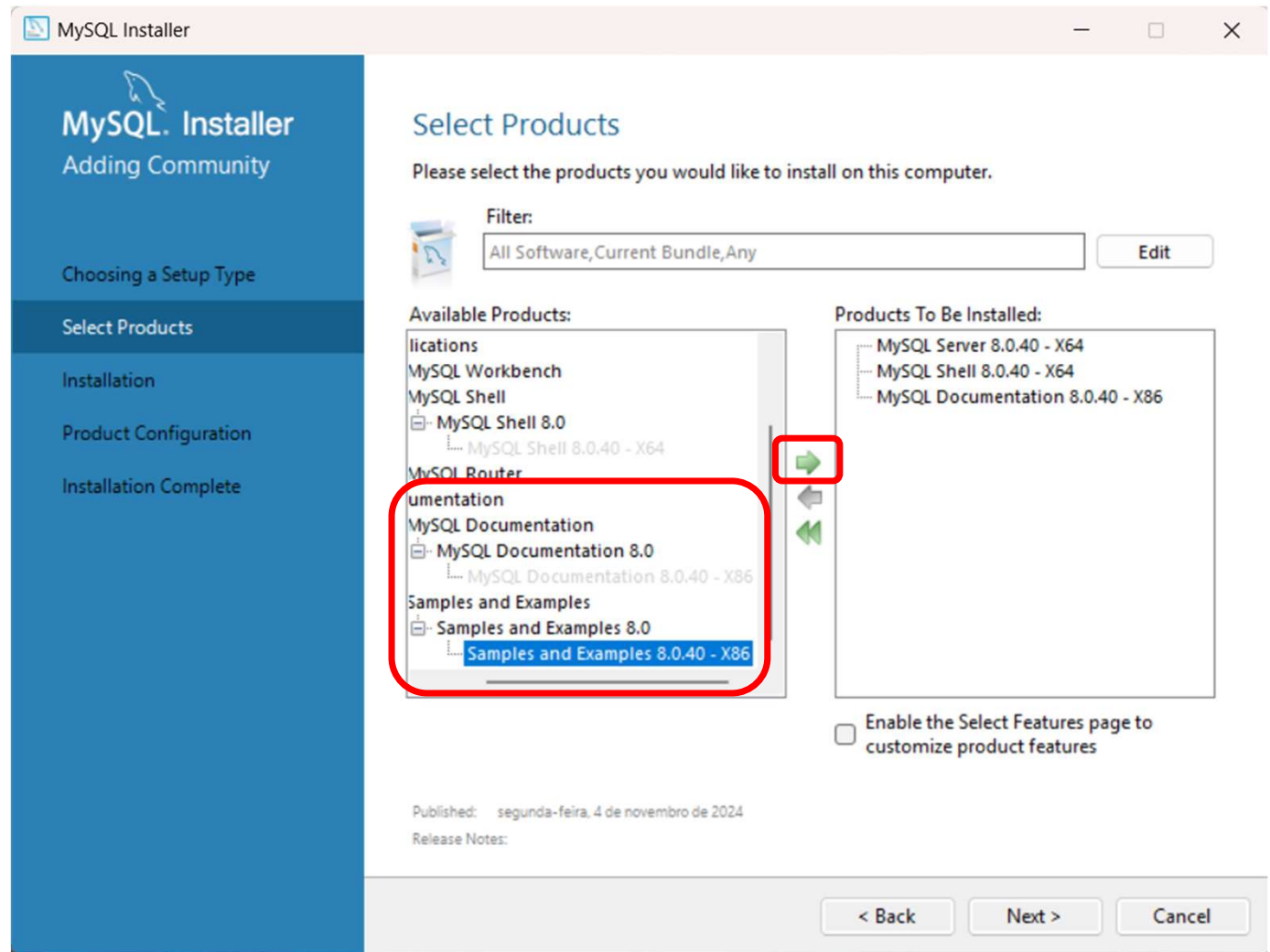
Selecionar “**MySQL Shell 8.0.40 – X64**” e clicar na seta para mover para a janela de itens a ser instalados



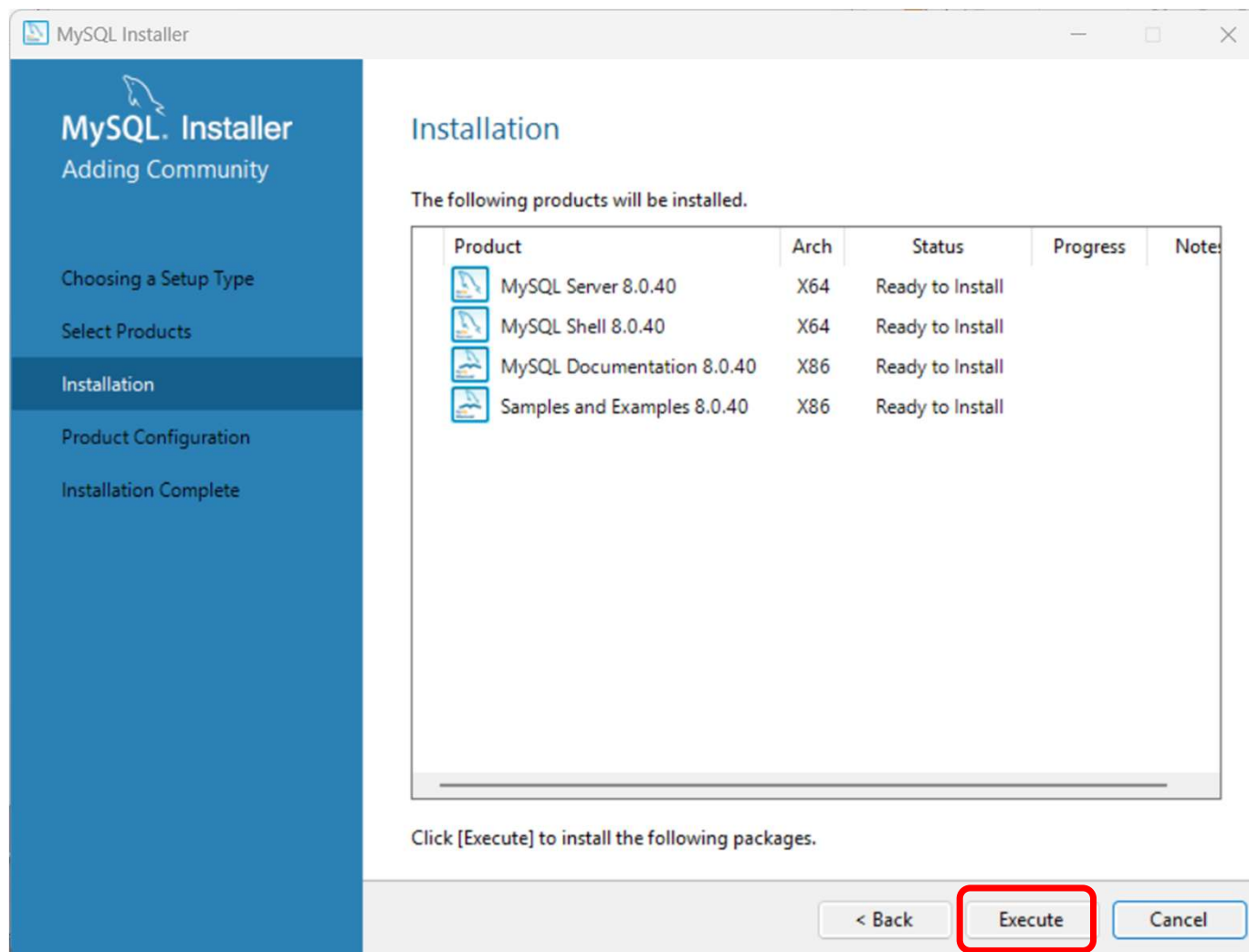
Selecionar “**MySQL Documentation 8.0.40 – X64**” e clicar na seta para mover para a janela de itens a ser instalados



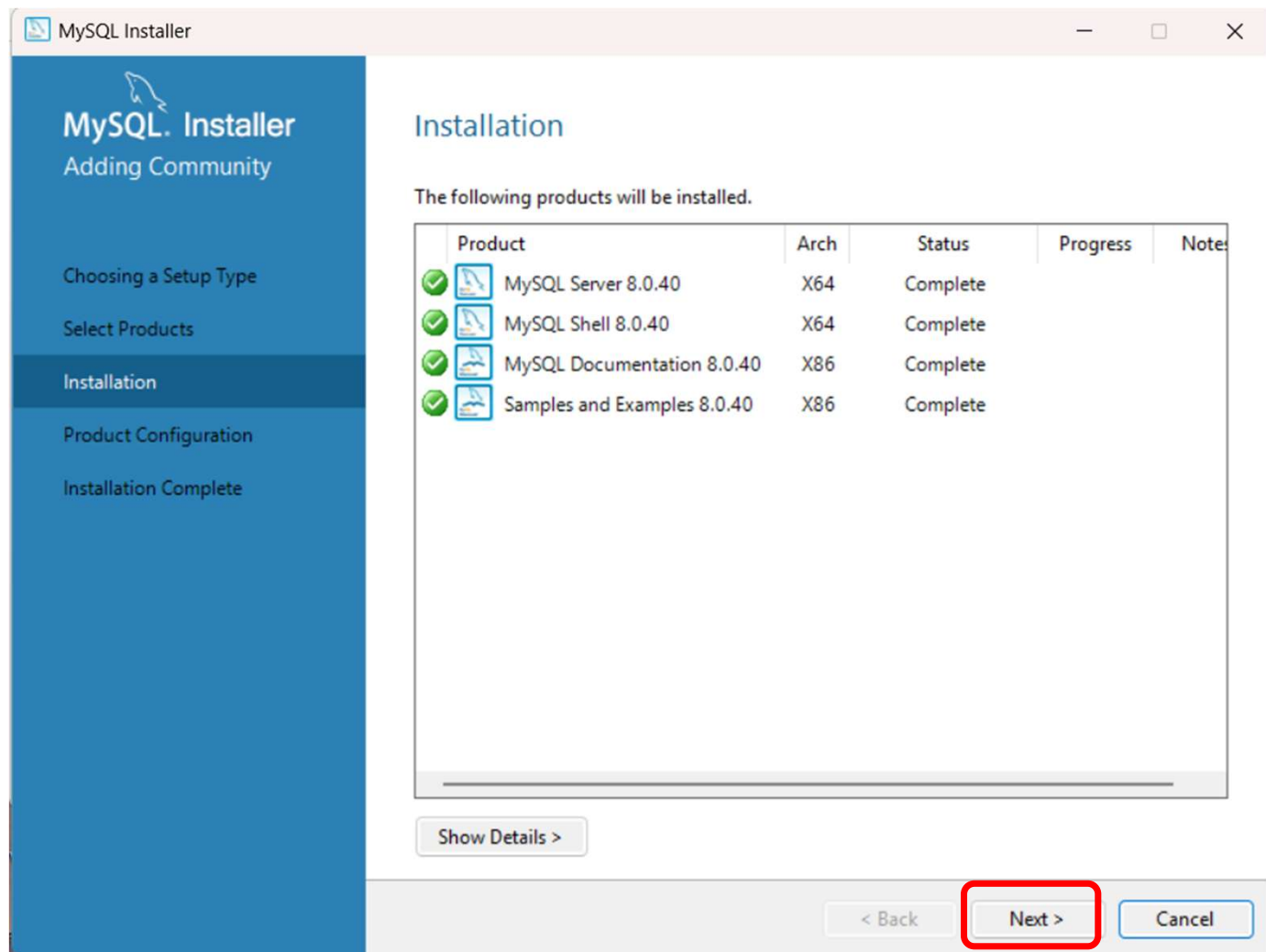
Selecionar “**Samples and Examples 8.0.40 – X64**” e clicar na seta para mover para a janela de itens a ser instalados



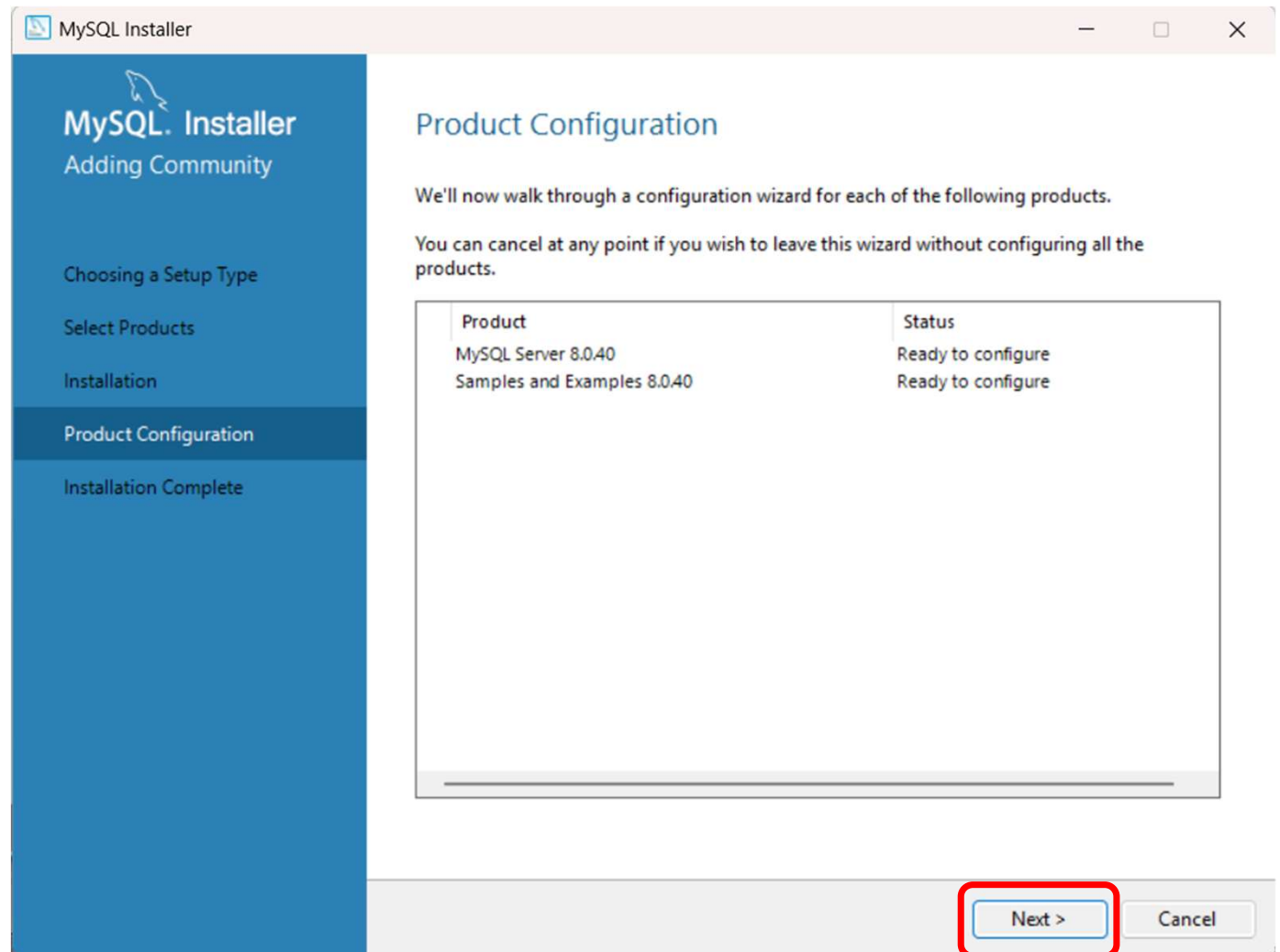
Clicar em “Execute”



Clicar em “Next >”



Clicar em “Next >”



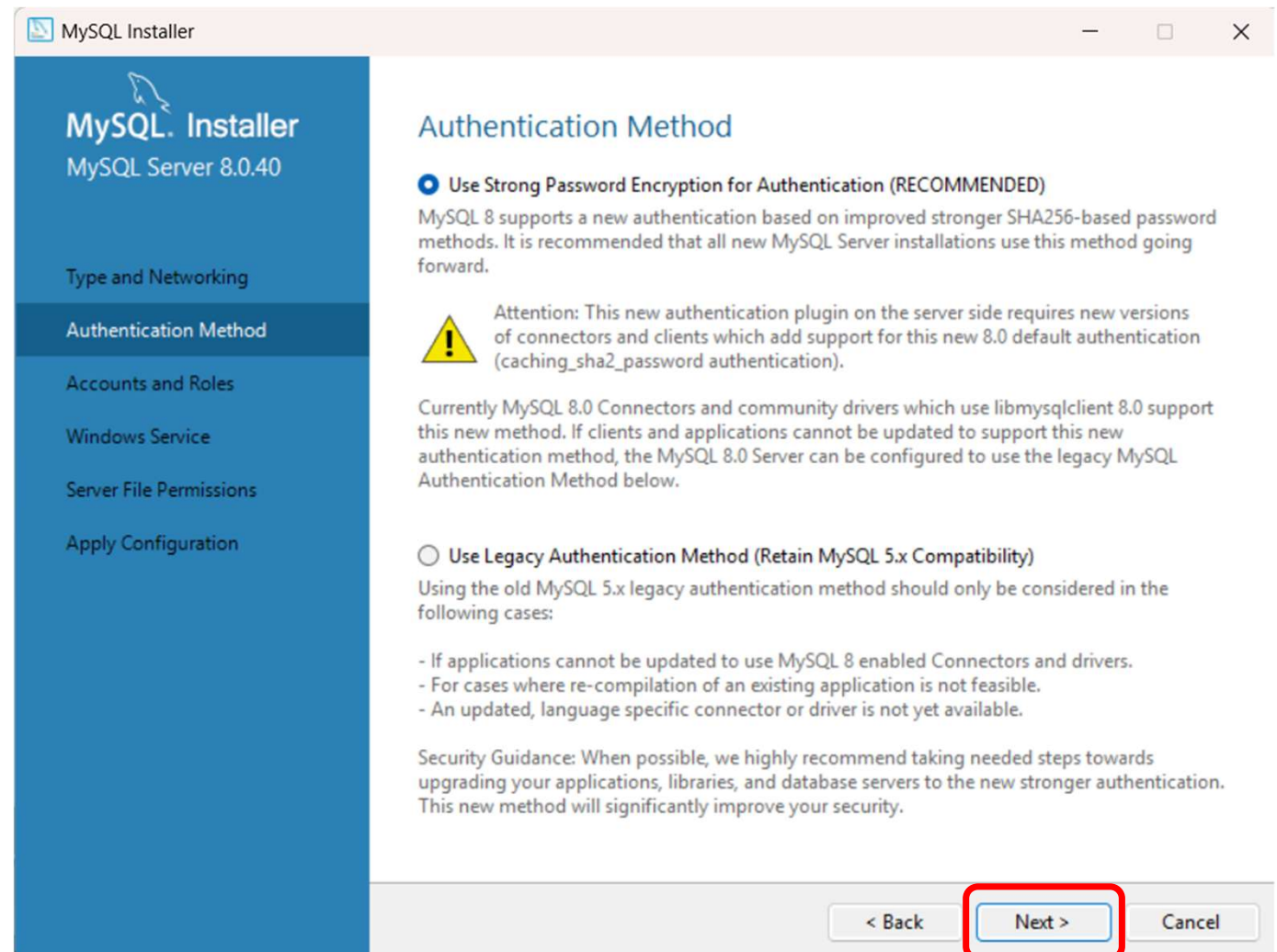
Clicar em “Next >”

The screenshot shows the MySQL Installer window for MySQL Server 8.0.40. The left sidebar contains a list of configuration steps: 'Type and Networking' (selected), 'Authentication Method', 'Accounts and Roles', 'Windows Service', 'Server File Permissions', and 'Apply Configuration'. The main area is titled 'Type and Networking' and contains the following sections:

- Server Configuration Type**: A description stating that the chosen type will define system resource assignments. The 'Config Type' dropdown is set to 'Development Computer'.
- Connectivity**: A description asking how to connect to the server. It includes three options:
 - ☒ TCP/IP: Port is 3306, X Protocol Port is 33060.
 - ☒ Open Windows Firewall ports for network access.
 - ☐ Named Pipe: Pipe Name is MYSQL.
 - ☐ Shared Memory: Memory Name is MYSQL.
- Advanced Configuration**: A description asking for advanced logging options. The option ☐ Show Advanced and Logging Options is unchecked.

At the bottom right, there are two buttons: 'Next >' and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

Clicar em “Next >”



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

MySQL Installer

MySQL Server 8.0.40

Type and Networking

Authentication Method

Accounts and Roles

Windows Service

Server File Permissions

Apply Configuration

Accounts and Roles

Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password:

Repeat Password:

Password strength: **Weak**

MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL User Name	Host	User Role
-----------------	------	-----------

Add User

Edit User

Delete

< Back

Next >

Cancel

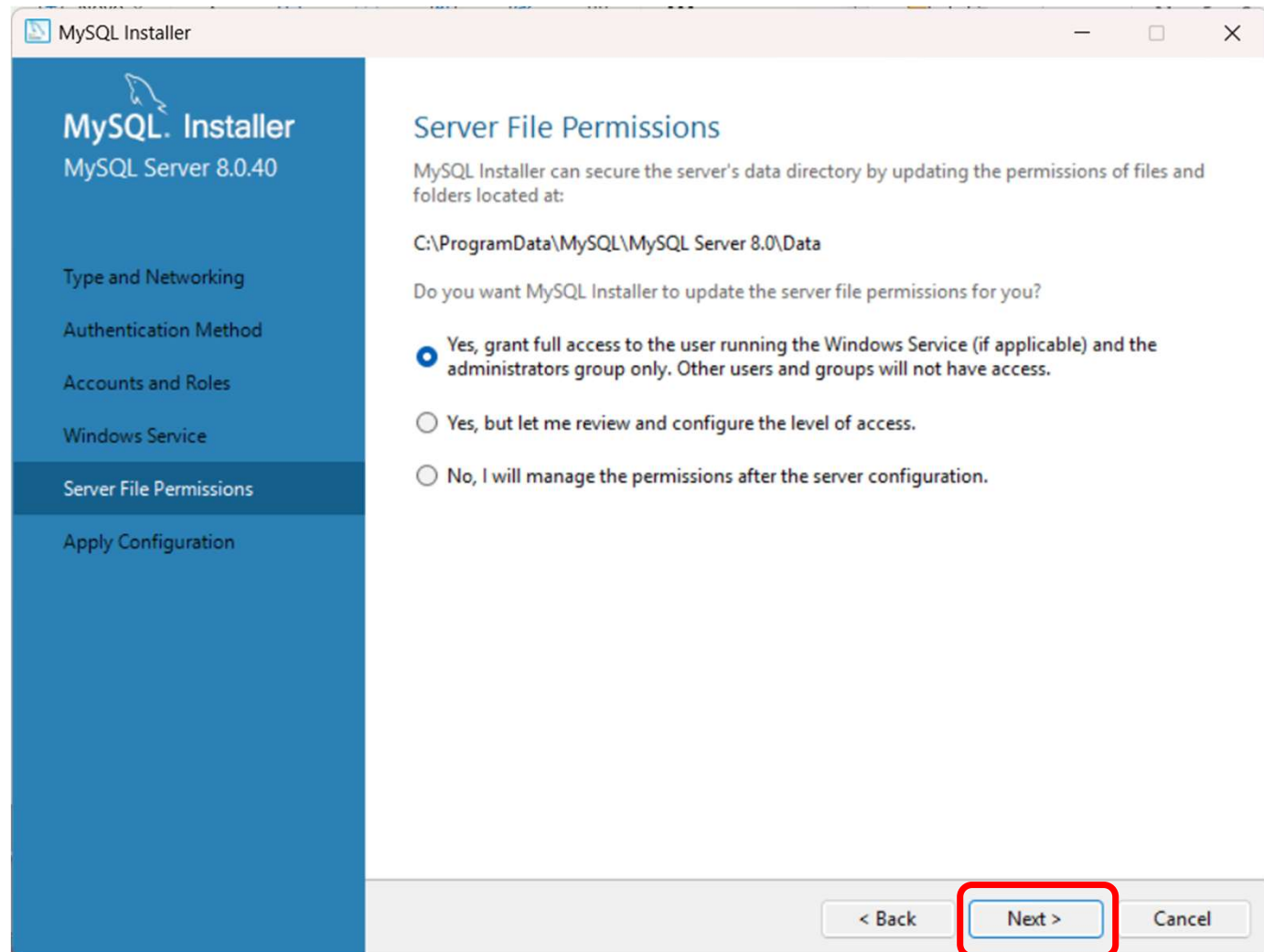
Clicar em “Next >”

The screenshot shows the 'MySQL Installer' window for 'MySQL Server 8.0.40'. The left sidebar contains a list of configuration steps: 'Type and Networking', 'Authentication Method', 'Accounts and Roles', 'Windows Service' (which is the active step), 'Server File Permissions', and 'Apply Configuration'. The main area is titled 'Windows Service' and contains the following options:

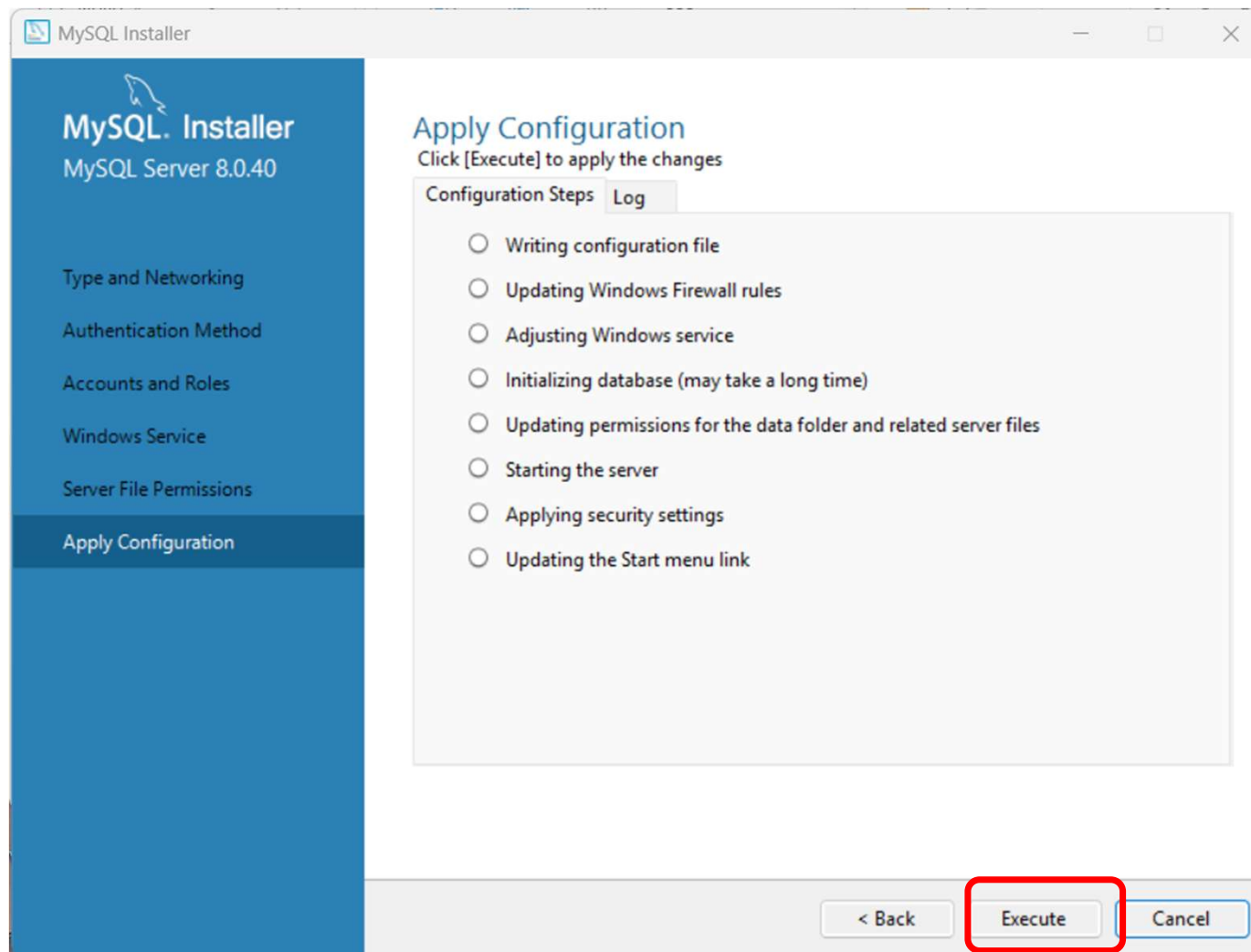
- ☒ **Configure MySQL Server as a Windows Service**
- Windows Service Details**
Please specify a Windows Service name to be used for this MySQL Server instance. A unique name is required for each instance.
Windows Service Name:
- ☒ **Start the MySQL Server at System Startup**
- Run Windows Service as ...**
The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.
 - ☒ **Standard System Account**
Recommended for most scenarios.
 - ☐ **Custom User**
An existing user account can be selected for advanced scenarios.

At the bottom right, there are three buttons: '< Back', 'Next >' (which is highlighted with a red rectangle), and 'Cancel'.

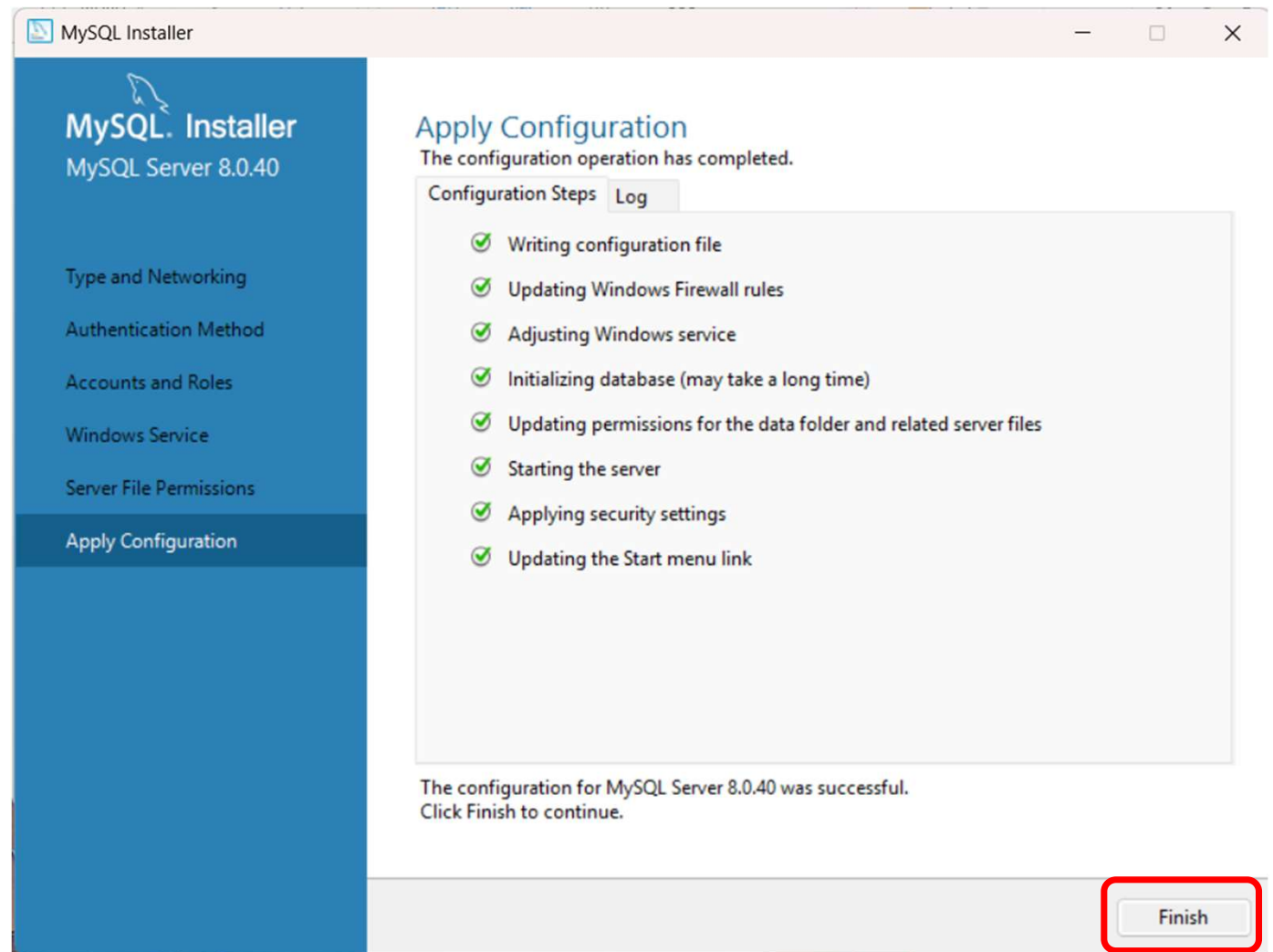
Clicar em “Next >”



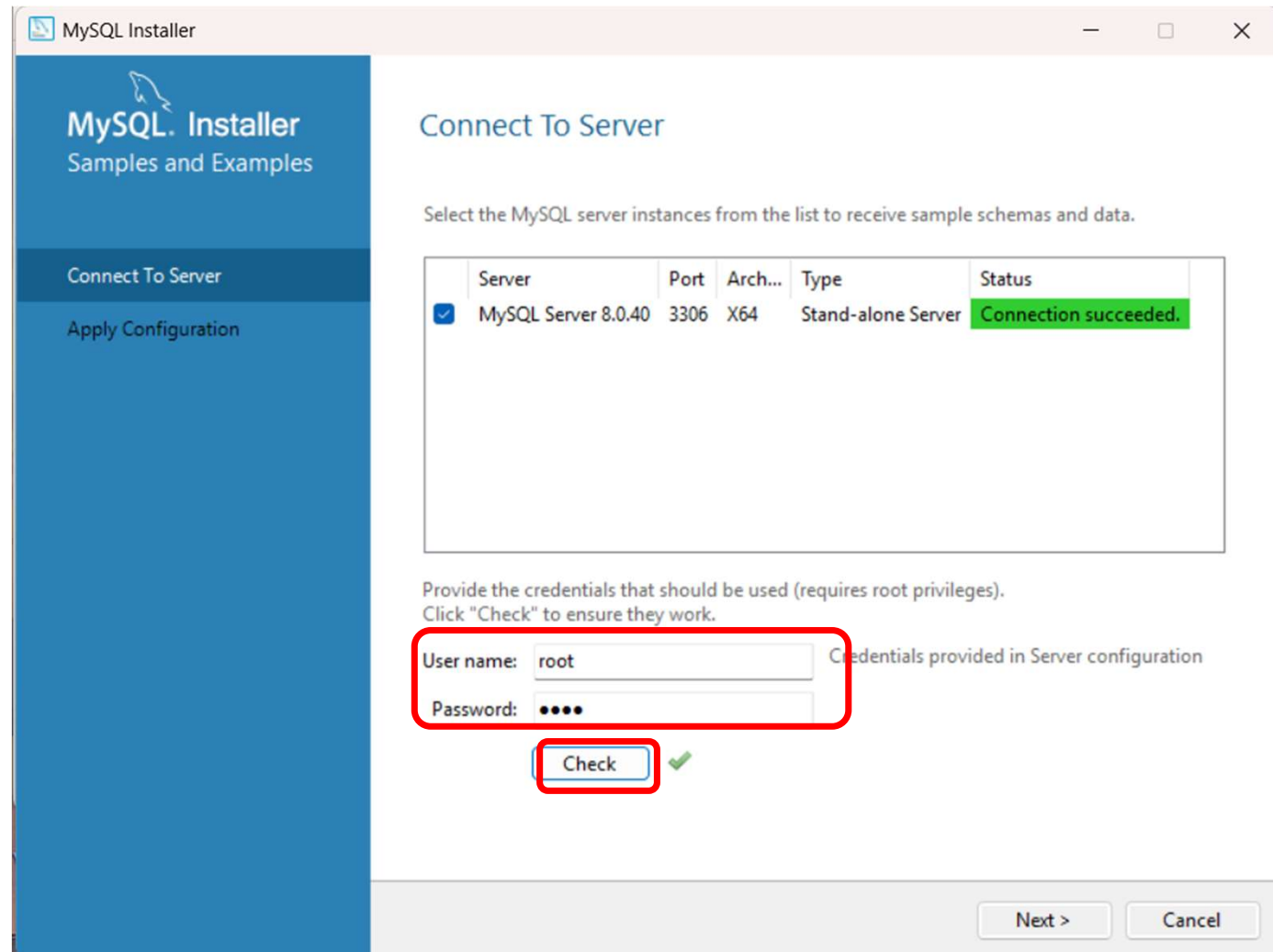
Clicar em “**Execute**”



Clicar em “**Finish**”



Digitar a senha Clicar em
“Check”



The image shows the 'MySQL Installer' window, specifically the 'Connect To Server' tab. The window has a blue sidebar on the left with the MySQL logo and the text 'MySQL Installer Samples and Examples'. The main area is white and contains the following elements:


- Connect To Server** (selected tab)
- Apply Configuration** (button)
- Connect To Server** (section header)
- Select the MySQL server instances from the list to receive sample schemas and data.** (instruction)
- Table of server instances:**

Server	Port	Arch...	Type	Status
<input checked="" type="checkbox"/> MySQL Server 8.0.40	3306	X64	Stand-alone Server	Connection succeeded.

Provide the credentials that should be used (requires root privileges). Click "Check" to ensure they work.

User name: **Credentials provided in Server configuration**

Password:

Check 

Next > **Cancel**

Clicar em “Next >”

MySQL Installer

MySQL. Installer
Samples and Examples

Connect To Server

Apply Configuration

Connect To Server

Select the MySQL server instances from the list to receive sample schemas and data.

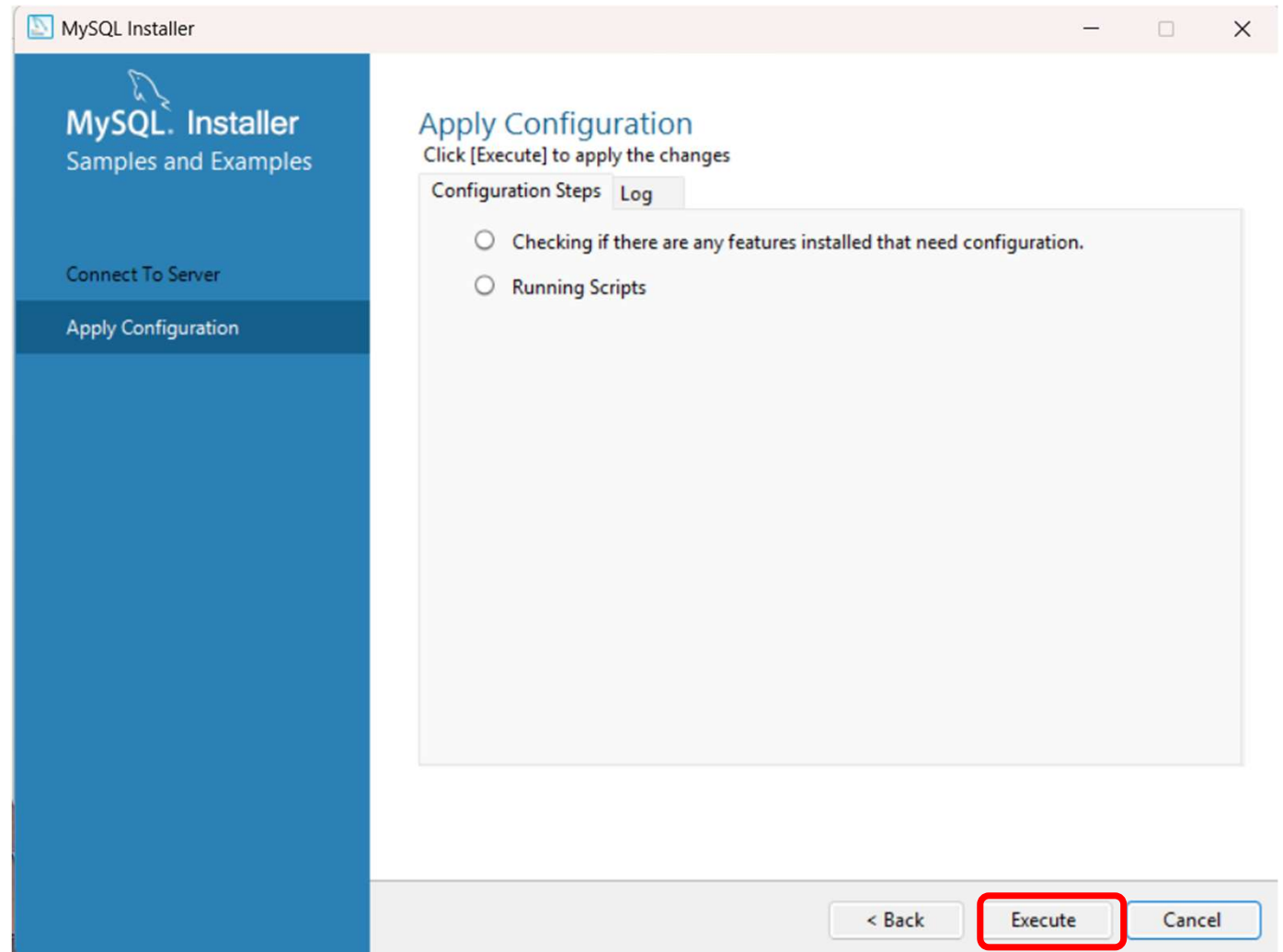
Server	Port	Arch...	Type	Status
<input checked="" type="checkbox"/> MySQL Server 8.0.40	3306	X64	Stand-alone Server	Connection succeeded.

Provide the credentials that should be used (requires root privileges).
Click "Check" to ensure they work.

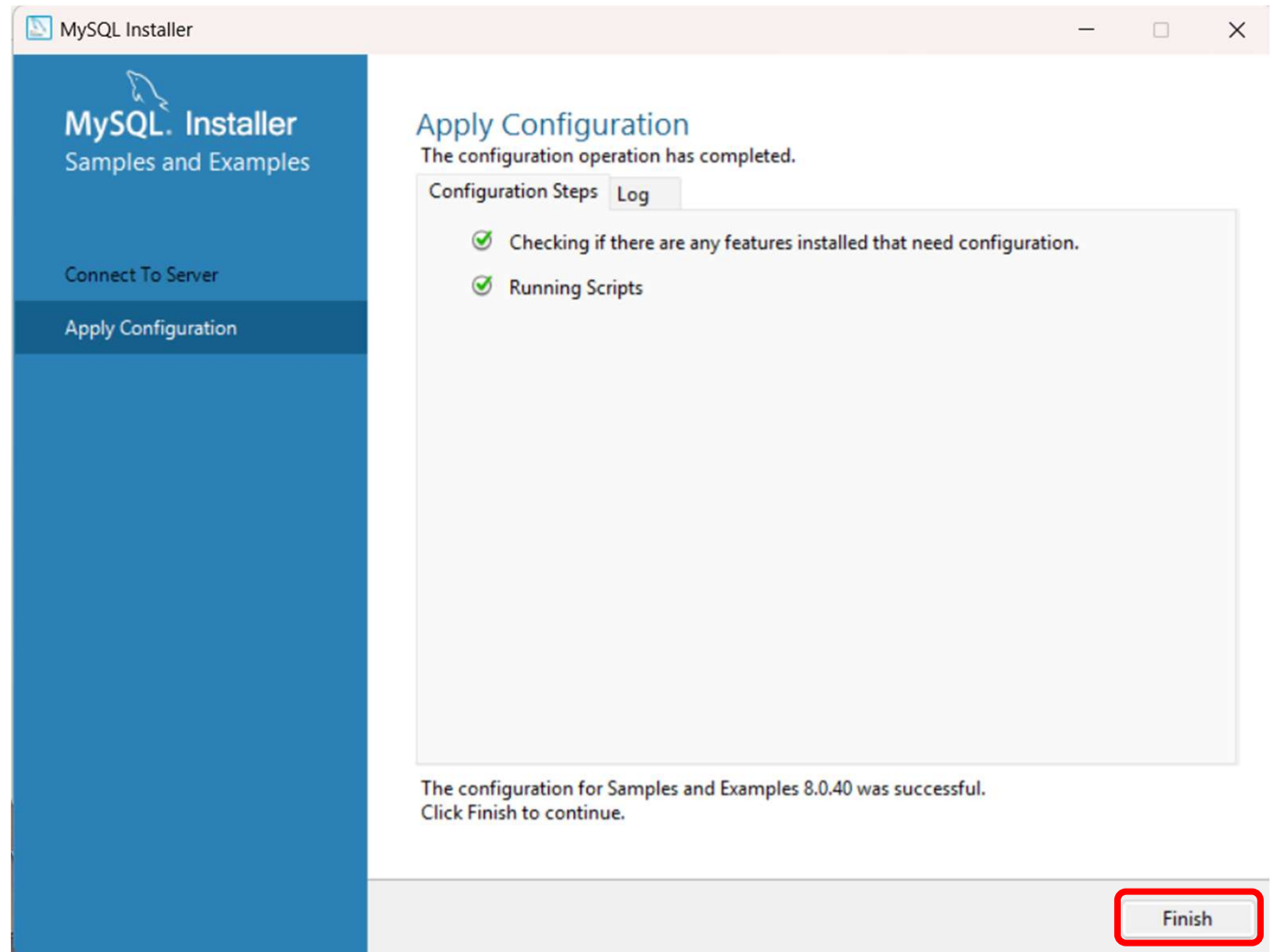
User name: Credentials provided in Server configuration

Password:

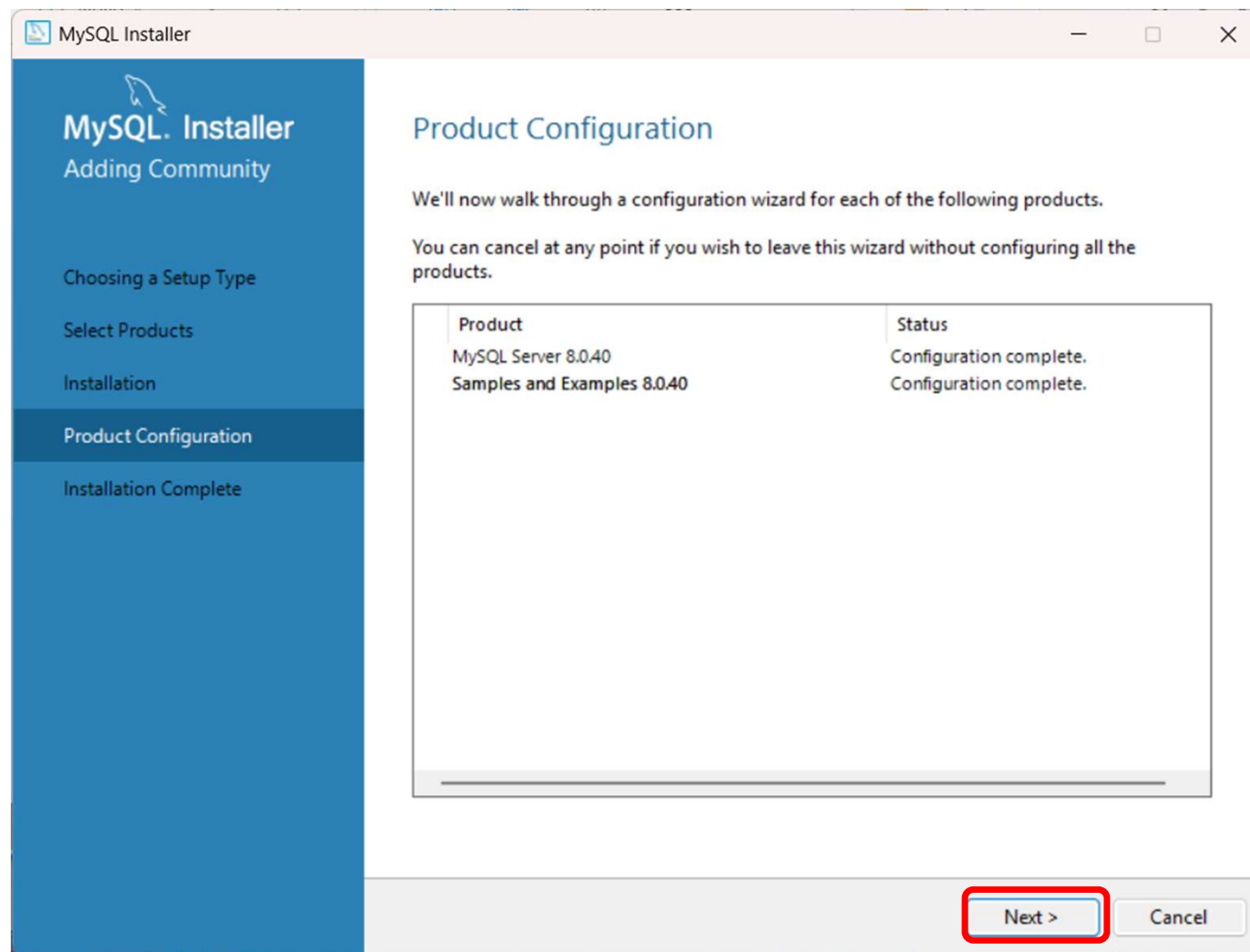
Clicar em “**Execute**”



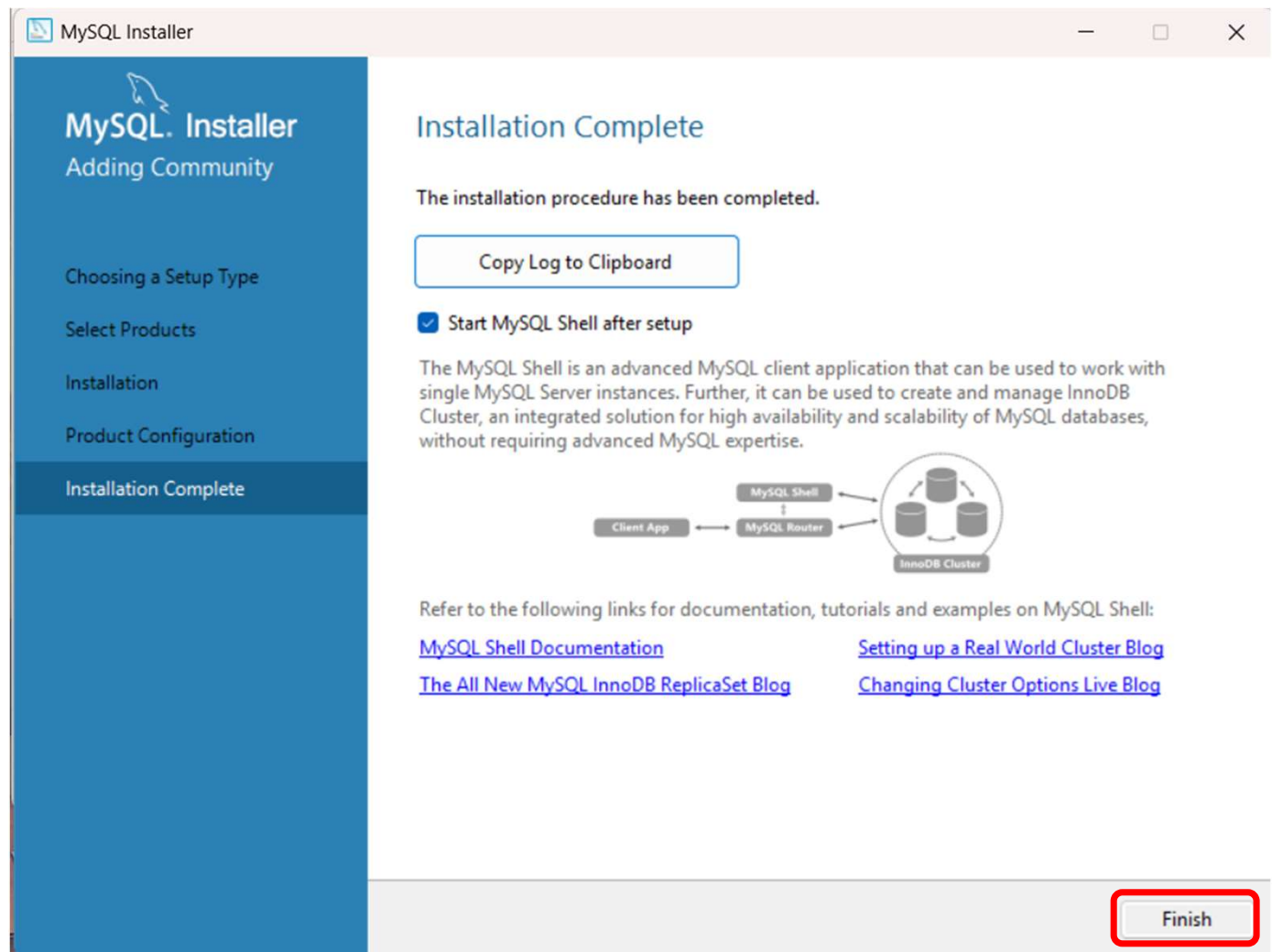
Clicar em “**Finish**”



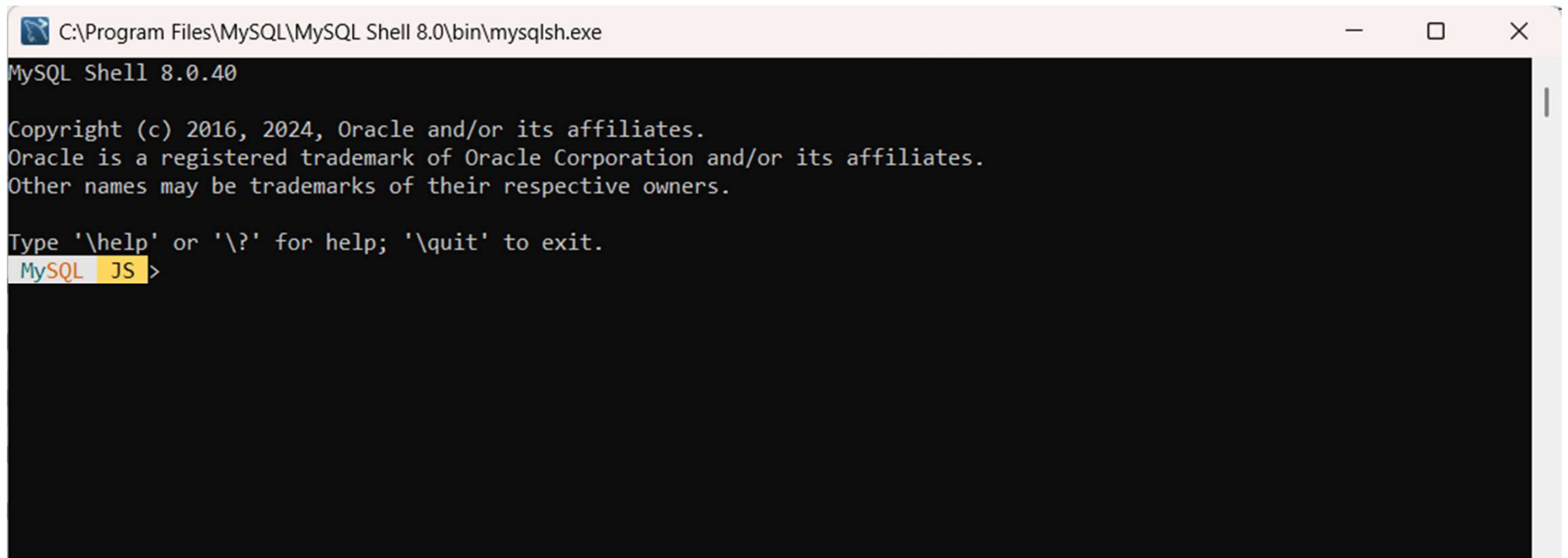
Clicar em “Next >”



Clicar em “Next >”



Prompt do MySQL



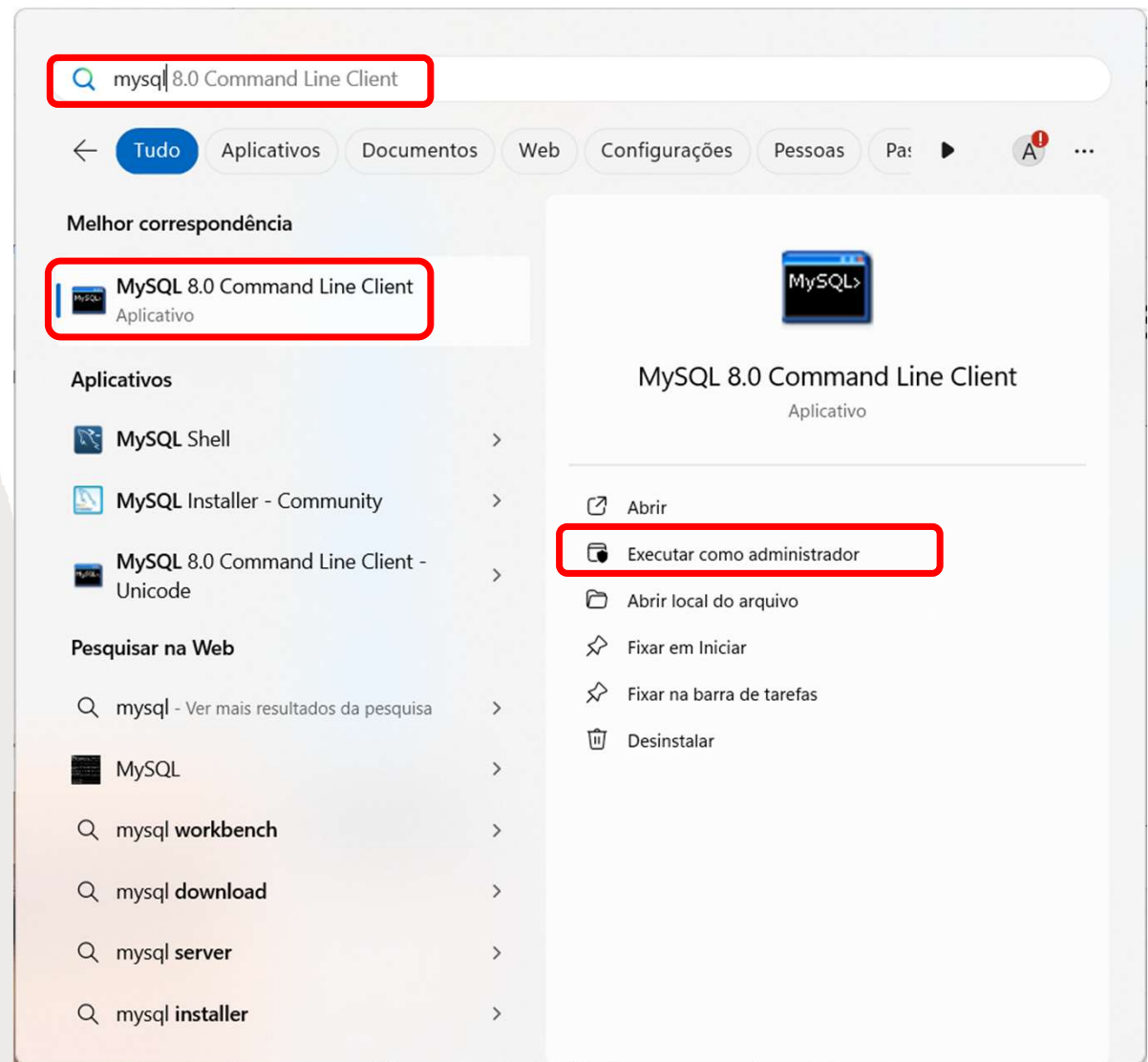
```
C:\Program Files\MySQL\MySQL Shell 8.0\bin\mysqlsh.exe
MySQL Shell 8.0.40

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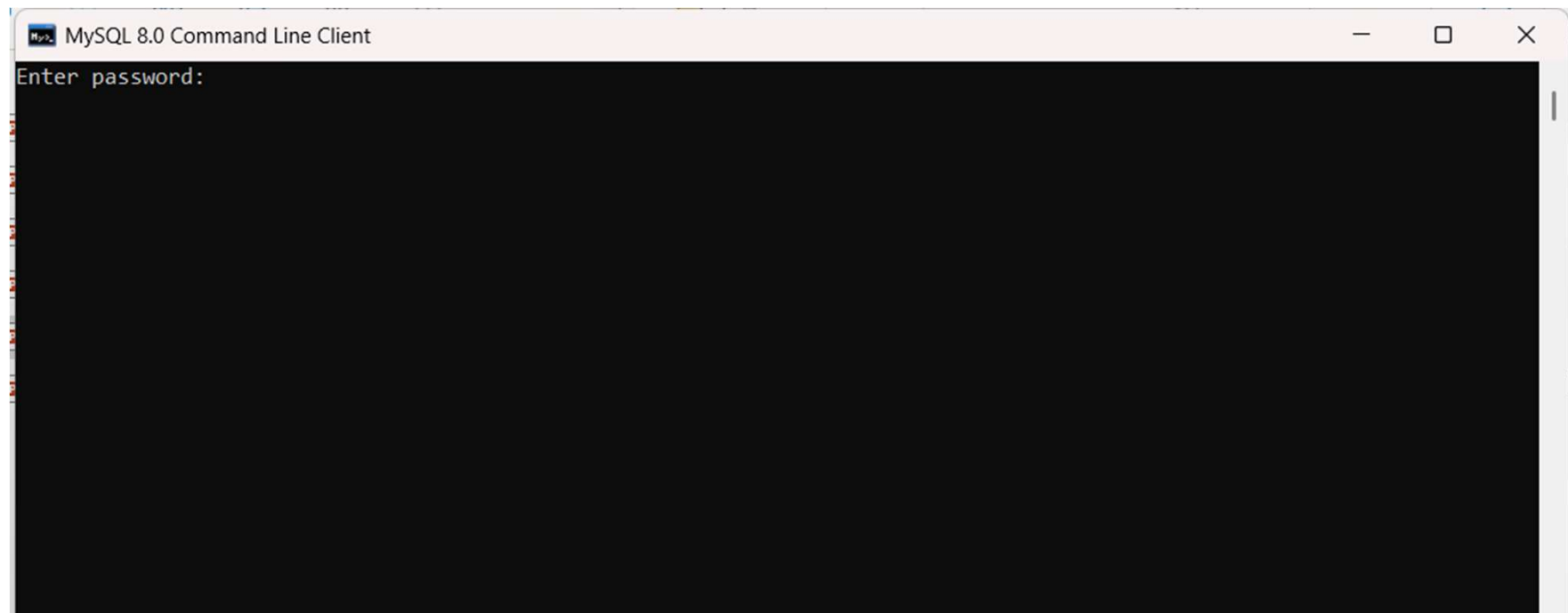
Type '\help' or '\?' for help; '\quit' to exit.
MySQL JS >
```

Acessar o Prompt do MySQL client no Windows

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

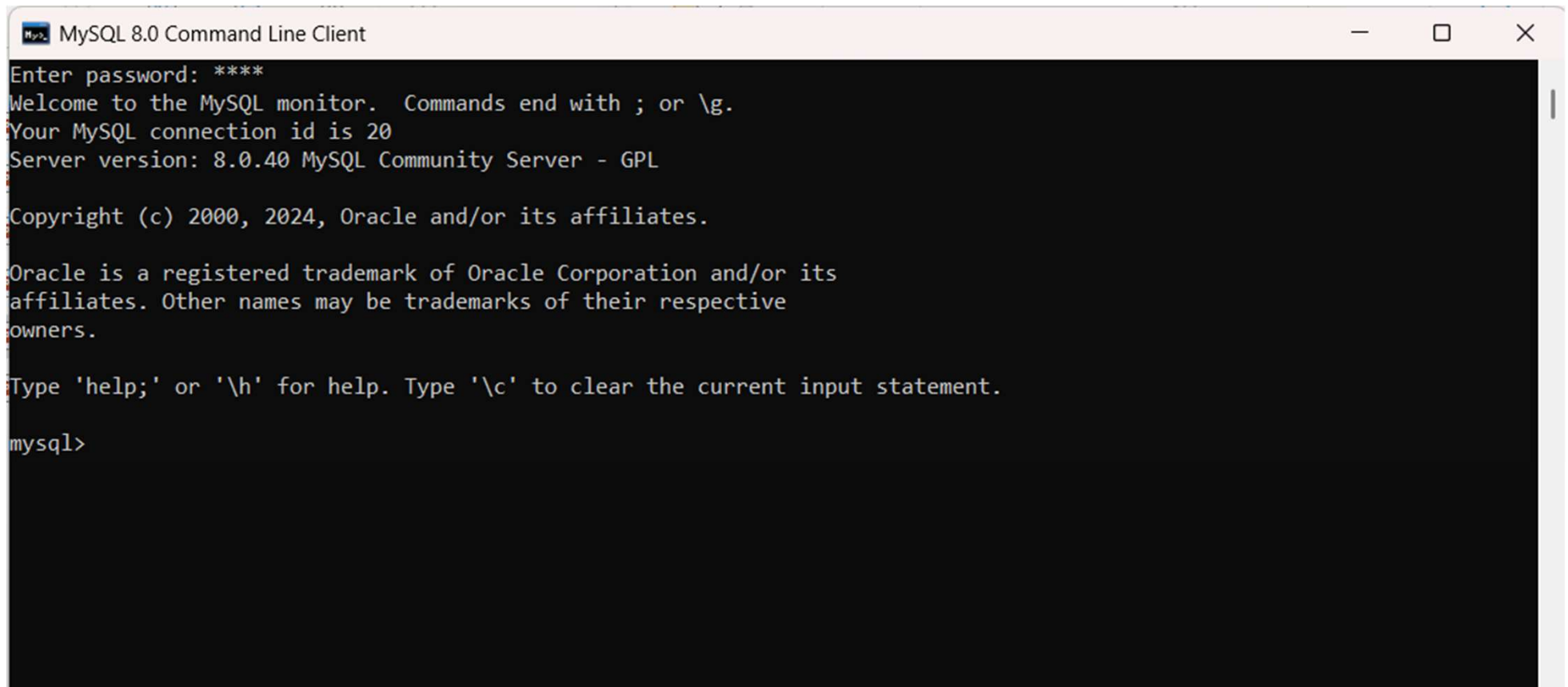


Digitar a senha



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>
```