

## Bootcamp IGTI: Arquiteto(a) de Big Data

### Manual de Instalação MySQL no Windows

Acesse o site: <https://dev.mysql.com/downloads/mysql/>.

E  [MySQL Community Downloads](https://dev.mysql.com/downloads/mysql/)

MySQL Community Server


General Availability (GA) Releases
Archives

### MySQL Community Server 8.0.23

Select Operating System:  
Microsoft Windows

Looking for previous GA versions?

Recommended Download:



**MySQL Installer for Windows**

All MySQL Products. For All Windows Platforms. In One Package.

Starting with MySQL 5.8 the MySQL Installer package replaces the standalone MSI packages.

Windows (x86, 32 & 64-bit), MySQL Installer MSI

[Go to Download Page >](#)

Other Downloads:

Windows (x86, 64-bit), ZIP Archive (mysql-8.0.23-winx64.zip)	8.0.23	193.0M	Download	MD5: a48558e14c73e30d948fa77d6d6c62ec   Signature
Windows (x86, 64-bit), ZIP Archive Debug Binaries & Test Suite (mysql-8.0.23-winx64-debug-test.zip)	8.0.23	441.5M	Download	MD5: cfc86ceb95503c7251941a4da0ce13a6   Signature


General Availability (GA) Releases
Archives

### MySQL Installer 8.0.23

Select Operating System:  
Microsoft Windows

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.23.0.msi)	8.0.23	2.4M	Download	MD5: a3af6d91f93e046452b38a1e2589534c   Signature
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.23.0.msi)	8.0.23	422.4M	Download	MD5: 8de85ced955631901829a1a363cddf50   Signature

 We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

N  [MySQL Community Downloads](https://dev.mysql.com/downloads/mysql/)

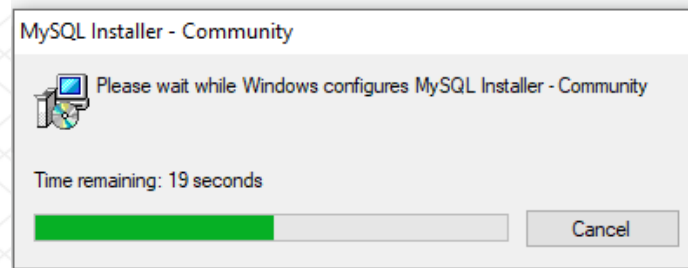
load.

Login Now or Sign Up for a free account.

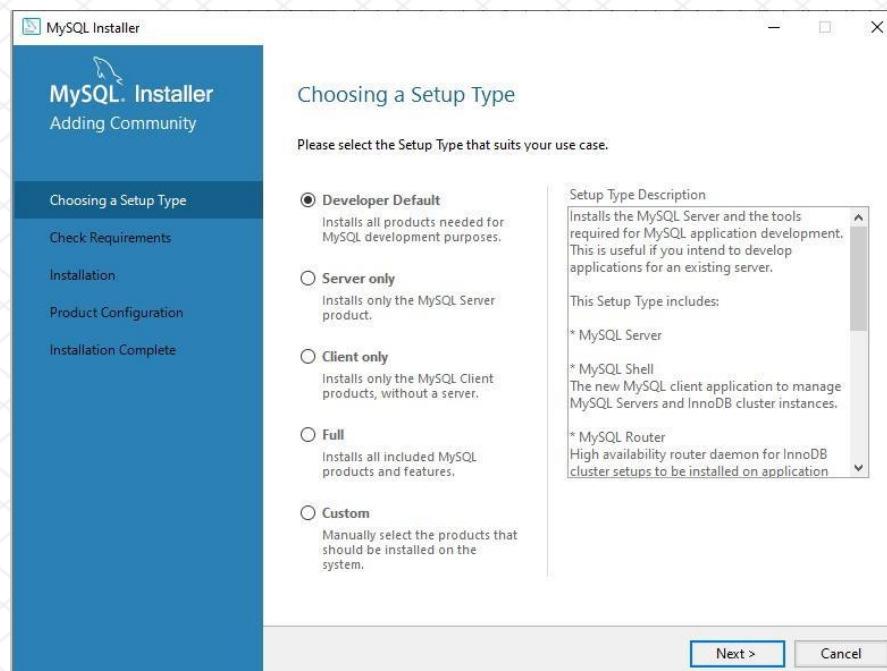
An Oracle Web Account provides you with the following advantages:

- 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

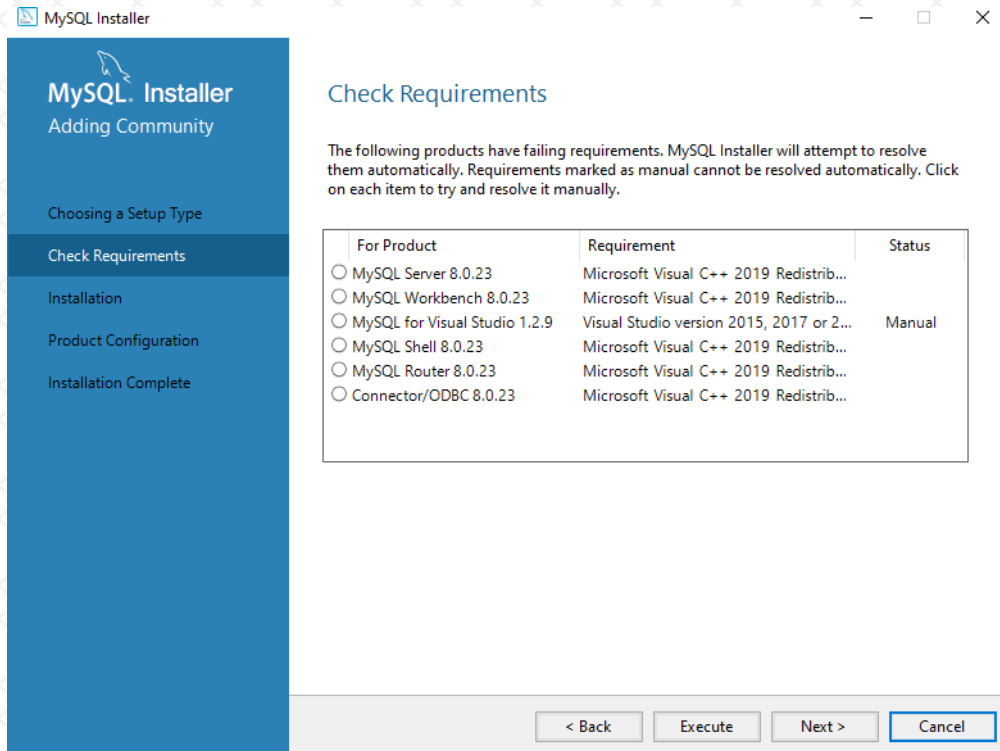
Faça o download do arquivo e, em seguida, execute o arquivo para instalar o MySQL.



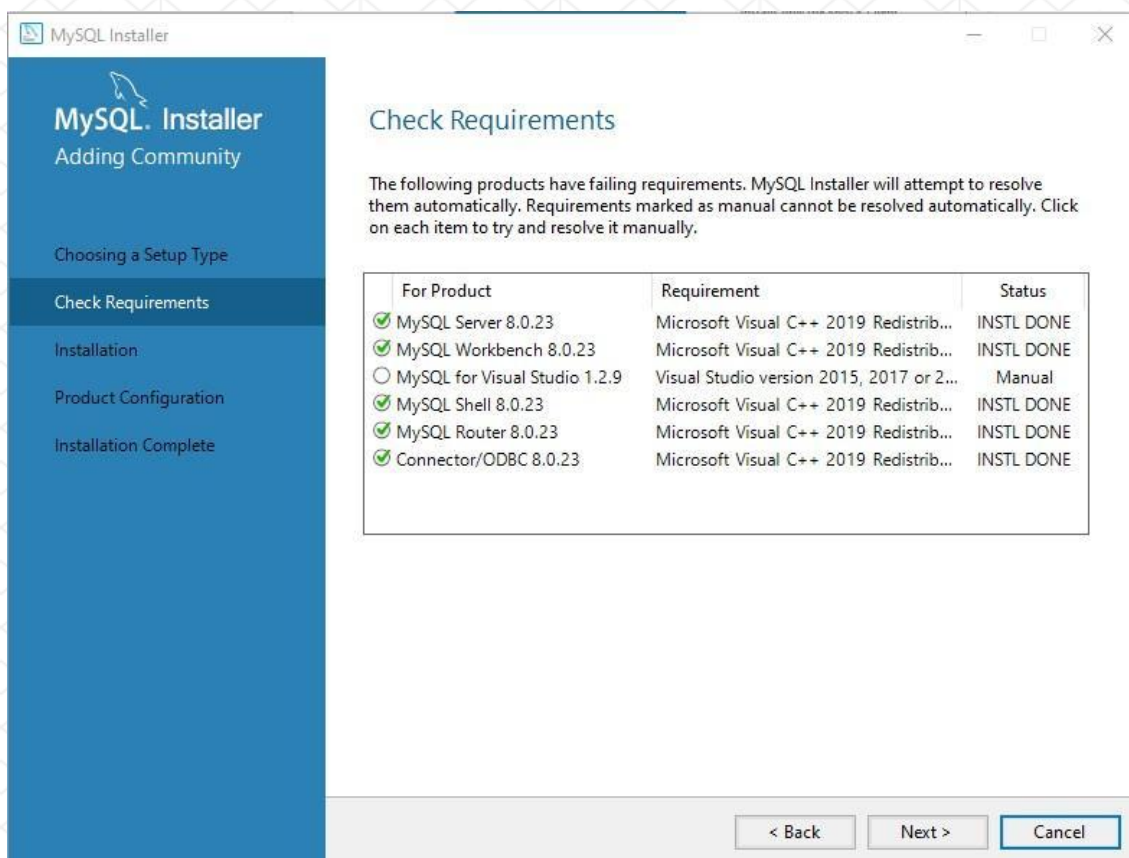
Escolha a primeira opção Developer default e em seguida em Next.



Clique em execute para checar se existe algum requerimento que sua máquina precise. Aguarde o processo de verificação.



Após isso, clique em Next.



Clique em Yes.



## MySQL Installer




One or more product requirements have not been satisfied

Those products with missing requirements will not be installed or upgraded.  
Do you want to continue?

Yes

No

Após isso, clique em execute.


MySQL Installer  
Adding Community

Choosing a Setup Type












Installation

Product Configuration

Installation Complete

### Installation

The following products will be installed.

Product	Status	Progress	Notes
 MySQL Server 8.0.23	Ready to Install		
 MySQL Workbench 8.0.23	Ready to Install		
 MySQL Shell 8.0.23	Ready to Install		
 MySQL Router 8.0.23	Ready to Install		
 Connector/ODBC 8.0.23	Ready to Install		
 Connector/C++ 8.0.23	Ready to Install		
 Connector/J 8.0.23	Ready to Install		
 Connector/NET 8.0.23	Ready to Install		
 Connector/Python 8.0.23	Ready to Install		
 MySQL Documentation 8.0.23	Ready to Install		
 Samples and Examples 8.0.23	Ready to Install		

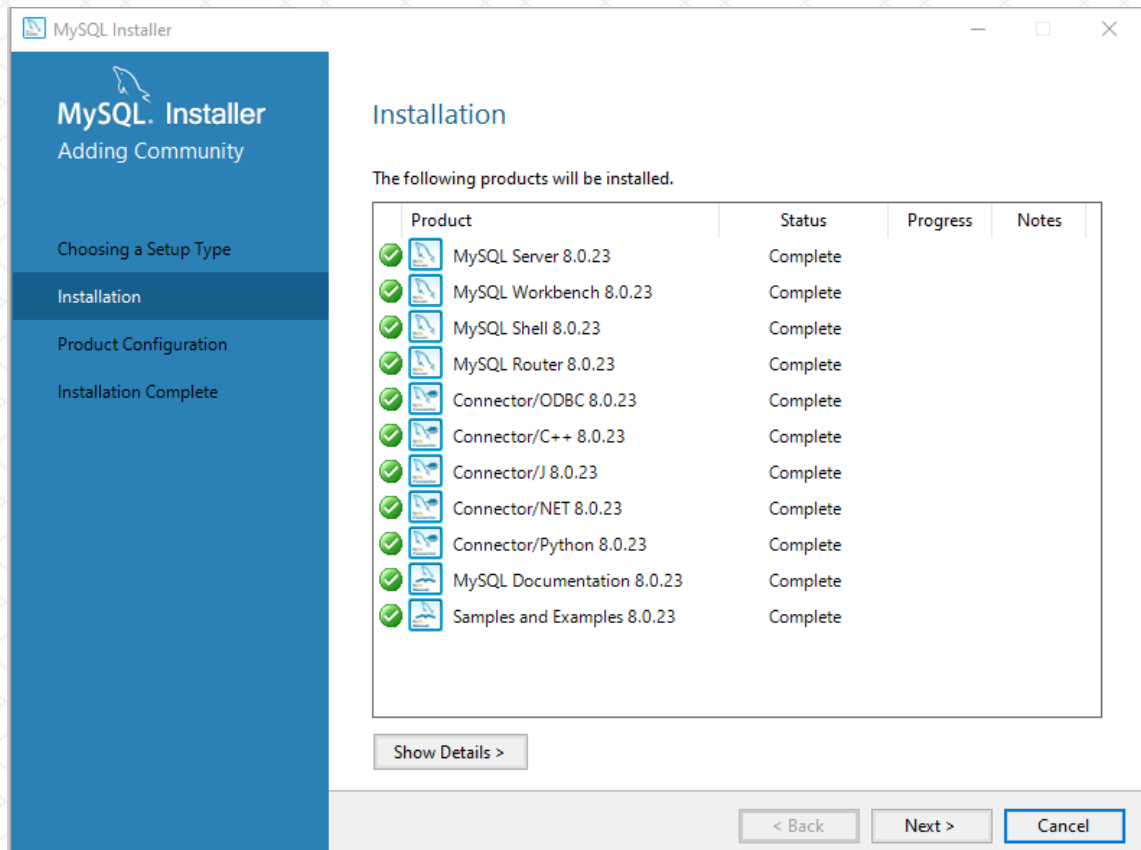
Click [Execute] to install the following packages.

< Back

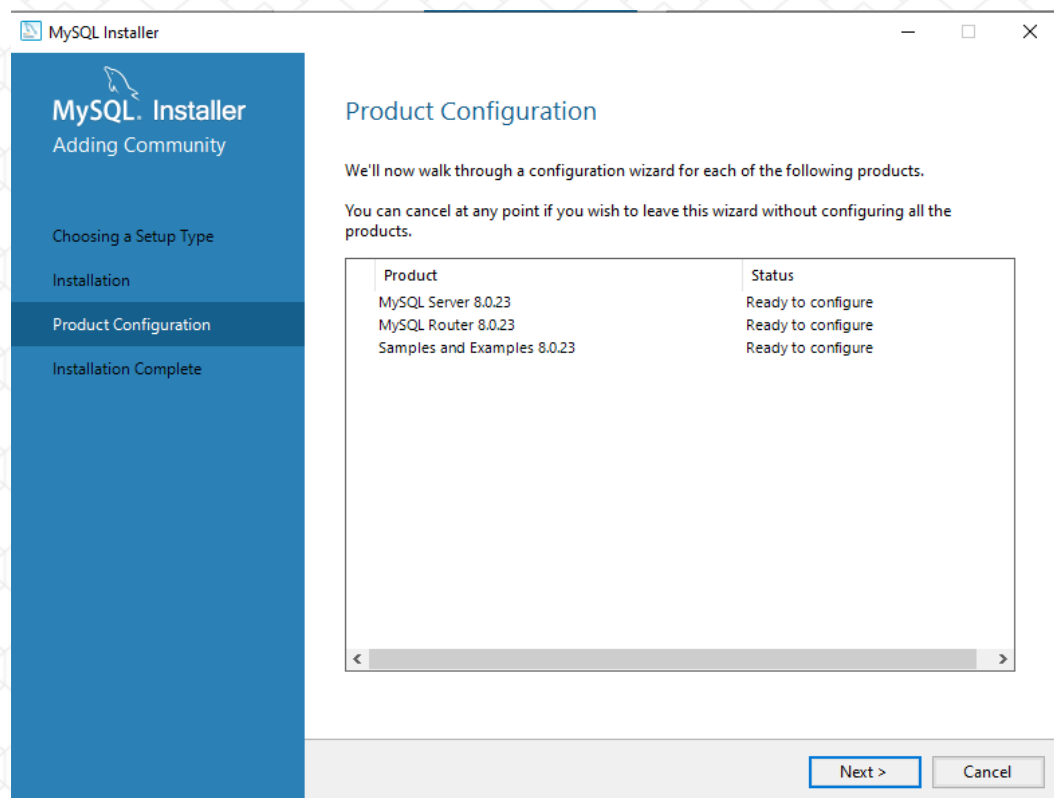
Execute

Cancel

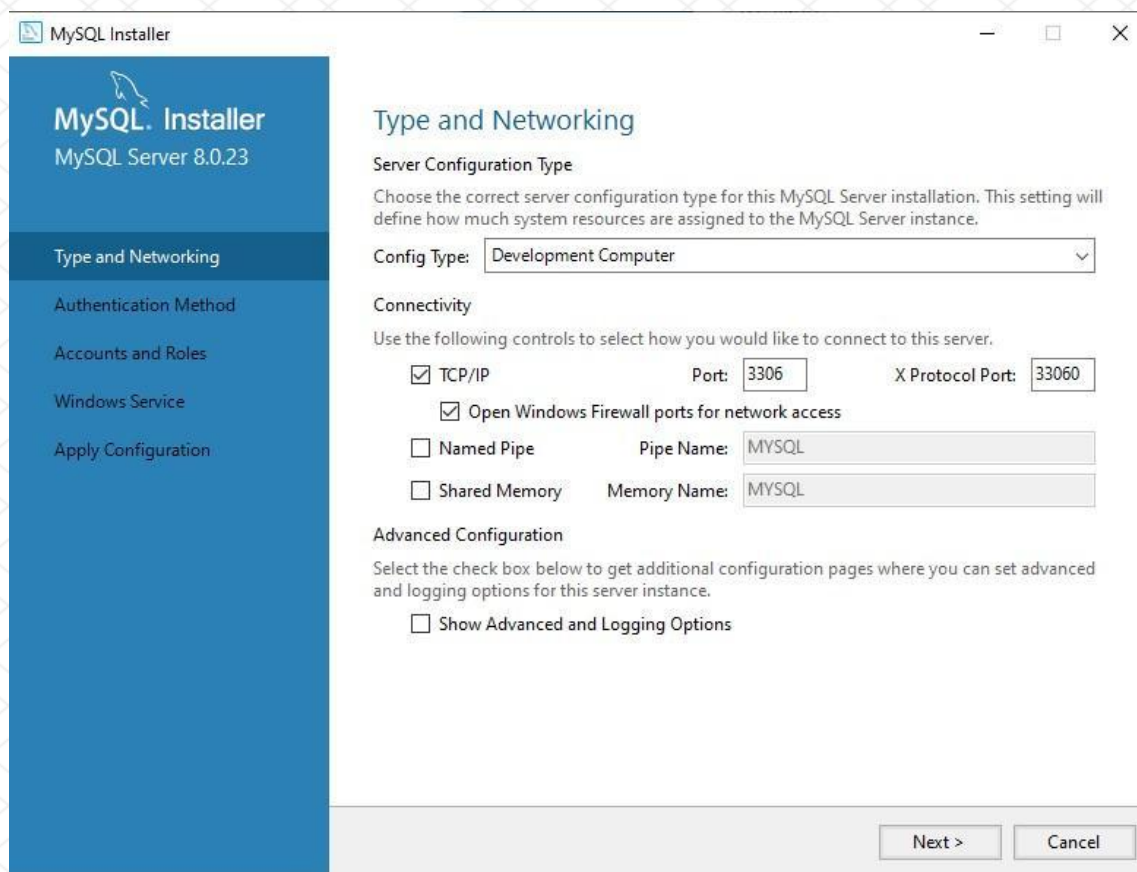
Clique em Next.



Clique em Next novamente.



Clique em Next.



**MySQL Installer**  
MySQL Server 8.0.23

**Type and Networking**

**Server Configuration Type**  
Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.

Config Type:

**Connectivity**  
Use the following controls to select how you would like to connect to this server.

☒ TCP/IP Port:  X Protocol Port:

☒ Open Windows Firewall ports for network access

☐ Named Pipe Pipe Name:

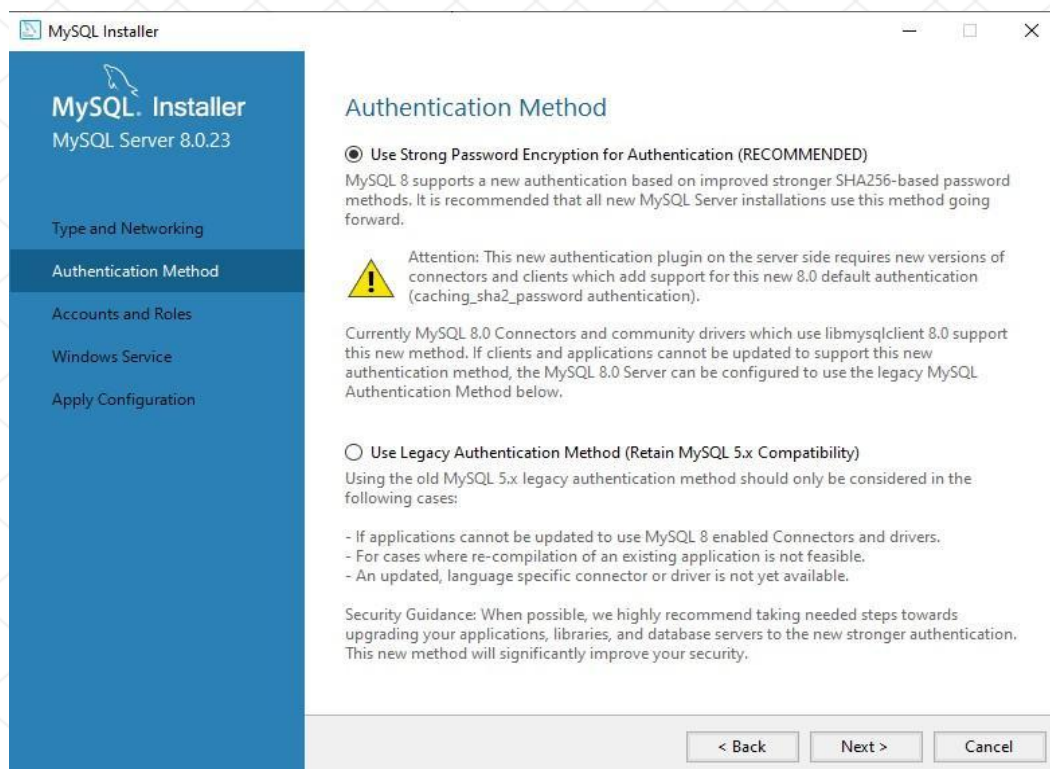
☐ Shared Memory Memory Name:

**Advanced Configuration**  
Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.

☐ Show Advanced and Logging Options

**Next >** **Cancel**


Selecione a primeira opção e, em seguida, em Next.



**MySQL Installer**  
MySQL Server 8.0.23

**Authentication Method**

☒ **Use Strong Password Encryption for Authentication (RECOMMENDED)**  
MySQL 8 supports a new authentication based on improved stronger SHA256-based password methods. It is recommended that all new MySQL Server installations use this method going forward.

 **Attention:** This new authentication plugin on the server side requires new versions of connectors and clients which add support for this new 8.0 default authentication (caching\_sha2\_password authentication).

Currently MySQL 8.0 Connectors and community drivers which use libmysqlclient 8.0 support this new method. If clients and applications cannot be updated to support this new authentication method, the MySQL 8.0 Server can be configured to use the legacy MySQL Authentication Method below.

☐ **Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)**  
Using the old MySQL 5.x legacy authentication method should only be considered in the following cases:

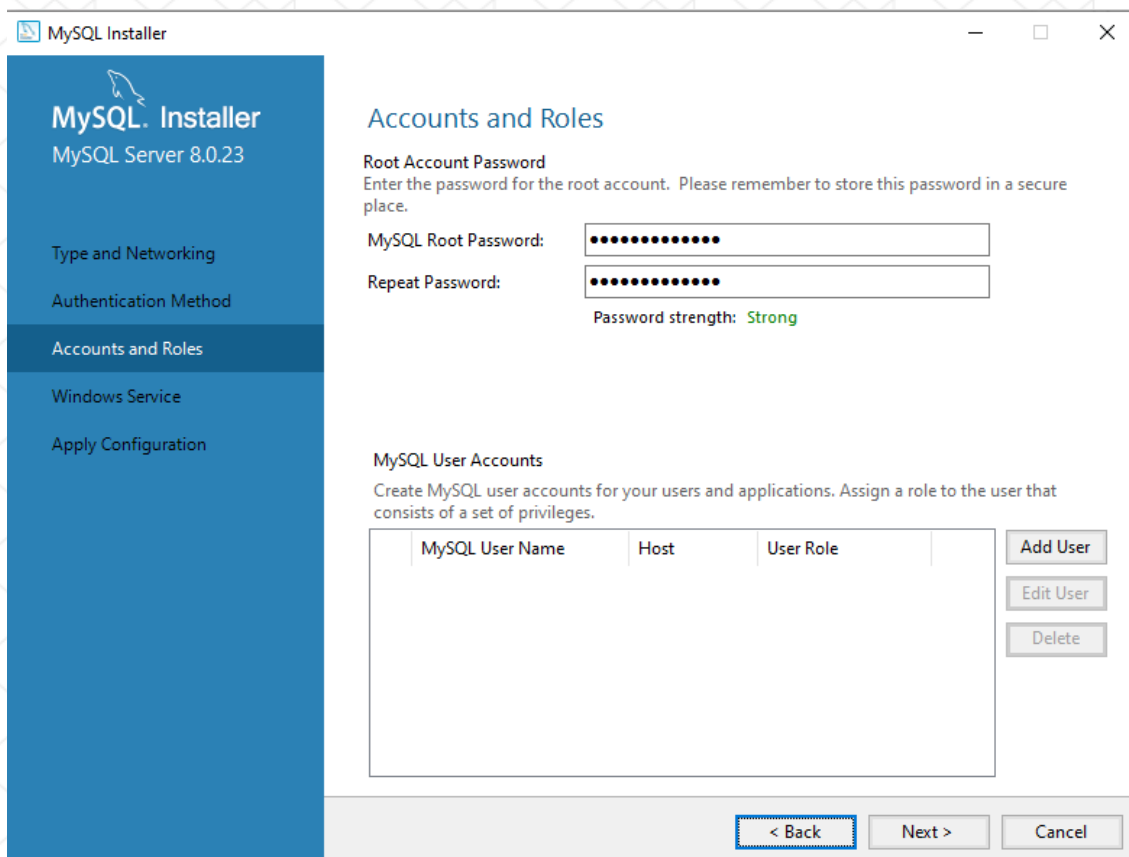
- If applications cannot be updated to use MySQL 8 enabled Connectors and drivers.
- For cases where re-compilation of an existing application is not feasible.
- An updated, language specific connector or driver is not yet available.

**Security Guidance:** When possible, we highly recommend taking needed steps towards upgrading your applications, libraries, and database servers to the new stronger authentication. This new method will significantly improve your security.

**< Back** **Next >** **Cancel**

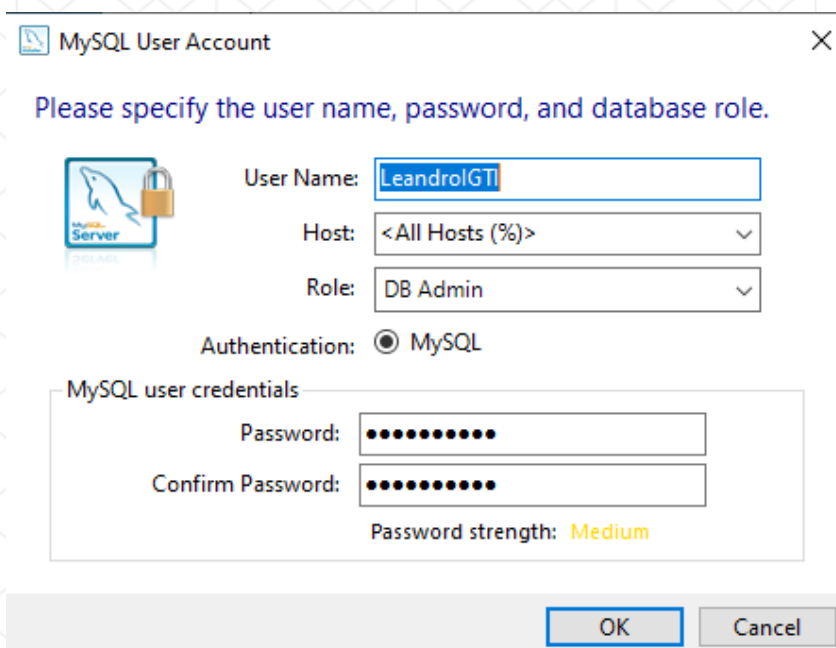
Na tela a seguir, defina a senha do root (usuário administrador do banco de dados).

Em seguida, se preferir, pode criar um usuário com permissão de Admin. Para isso, clique em Add User.



The screenshot shows the 'MySQL Installer' window for 'MySQL Server 8.0.23'. The left sidebar lists the installation steps: 'Type and Networking', 'Authentication Method', 'Accounts and Roles' (selected), 'Windows Service', and 'Apply Configuration'. The main area is titled 'Accounts and Roles' and contains two sections. The first section, 'Root Account Password', prompts the user to enter a password for the root account, with fields for 'MySQL Root Password' and 'Repeat Password', and a 'Password strength' indicator showing 'Strong'. The second section, 'MySQL User Accounts', instructs the user to create accounts and assign roles. It features a table with columns 'MySQL User Name', 'Host', and 'User Role'. To the right of the table are buttons for 'Add User', 'Edit User', and 'Delete'. A red arrow points to the 'Add User' button. At the bottom of the window are navigation buttons: '< Back', 'Next >', and 'Cancel'.

Cadastre o nome e a senha do usuário.



The screenshot shows the 'MySQL User Account' dialog box. It prompts the user to 'Please specify the user name, password, and database role.' The dialog includes a MySQL logo with a lock icon. The fields are: 'User Name' (containing 'LeandroIGTI'), 'Host' (set to '<All Hosts (%)>'), and 'Role' (set to 'DB Admin'). The 'Authentication' section has a radio button selected for 'MySQL'. Below this is a section for 'MySQL user credentials' with fields for 'Password' and 'Confirm Password', and a 'Password strength' indicator showing 'Medium'. At the bottom are 'OK' and 'Cancel' buttons.

Em seguida, clique em Next.



MySQL Installer
MySQL Server 8.0.23
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
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: **Strong**

**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
 LeandroIGTI	%	DB Admin

Add User
Edit User
Delete

< Back
Next >
Cancel

MySQL Installer
MySQL Server 8.0.23
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration

## Windows Service

☒ 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.

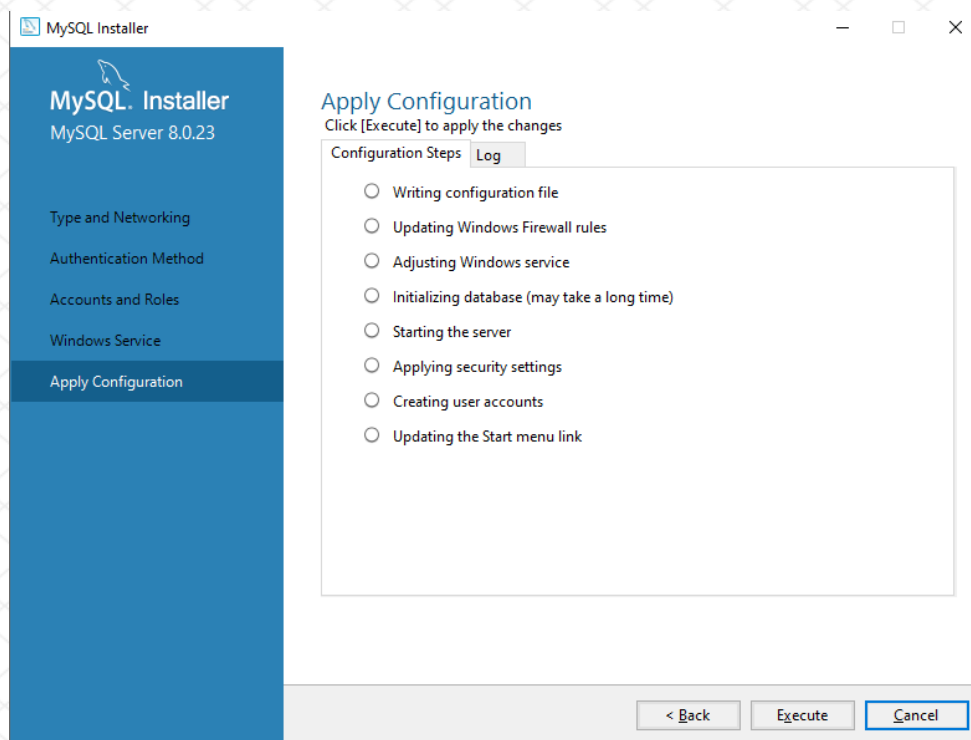
☒ **Standard System Account**  
Recommended for most scenarios.

☐ **Custom User**  
An existing user account can be selected for advanced scenarios.

< Back
Next >
Cancel

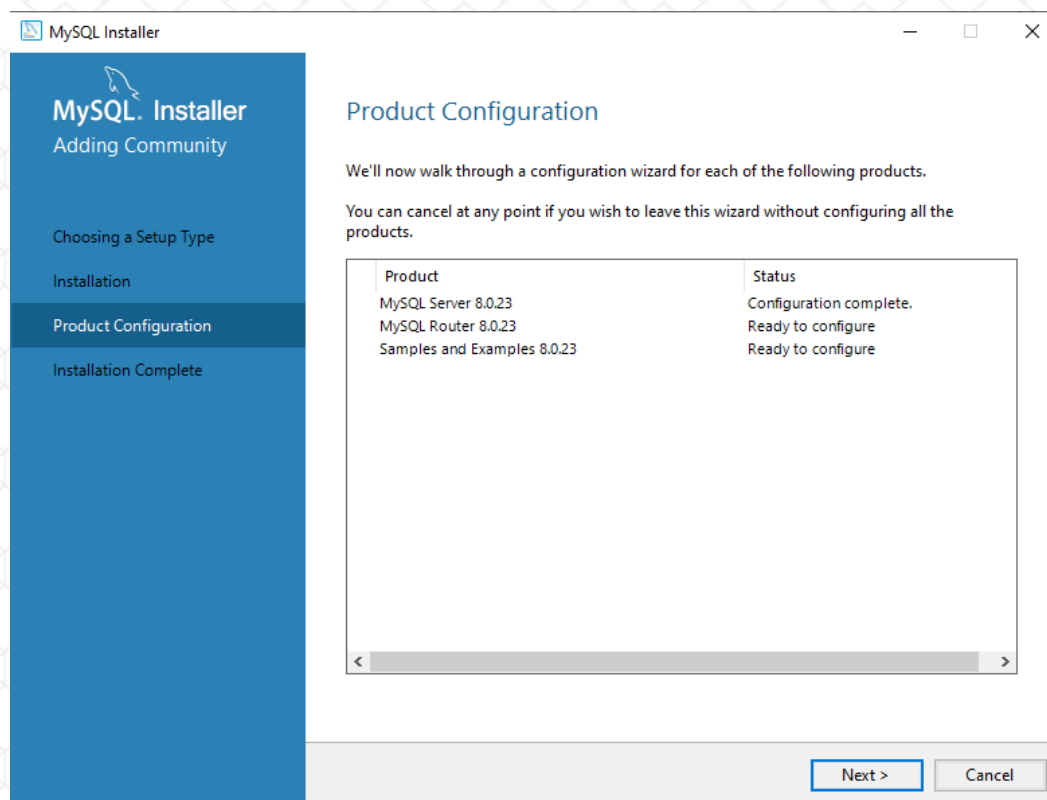
Clique em Execute.





Pronto! Basta clicar em Finish.

Agora vamos fazer uma configuração do produto. Clique em Next.



Clique em Finish.

MySQL Installer  
MySQL Router 8.0.23  
MySQL Router Configuration

### MySQL Router Configuration

☐ Bootstrap MySQL Router for use with InnoDB cluster

This wizard can bootstrap MySQL Router to direct traffic between MySQL applications and a MySQL InnoDB cluster. Applications that connect to the router will be automatically directed to an available read/write or read-only member of the cluster.

The bootstrapping process requires a connection to the InnoDB cluster. In order to register the MySQL Router for monitoring, use the current Read/Write instance of the cluster.

Hostname:

Port:

Management User:

Password:

MySQL Router requires specification of a base port (between 80 and 65532). The first port is used for classic read/write connections. The other ports are computed sequentially after the first port. If any port is indicated to be in use, please change the base port.

Classic MySQL protocol connections to InnoDB cluster:

Read/Write:

Read Only:

MySQL X protocol connections to InnoDB cluster:

Read/Write:

Read Only:

Clique em Next.

MySQL Installer  
Adding Community  
Choosing a Setup Type  
Installation  
Product Configuration  
Installation Complete

### Product Configuration

We'll now walk through a configuration wizard for each of the following products.

You can cancel at any point if you wish to leave this wizard without configuring all the products.

Product	Status
MySQL Server 8.0.23	Configuration complete.
MySQL Router 8.0.23	Configuration not needed.
Samples and Examples 8.0.23	Ready to configure

MySQL Installer  
Samples and Examples  
Connect To Server

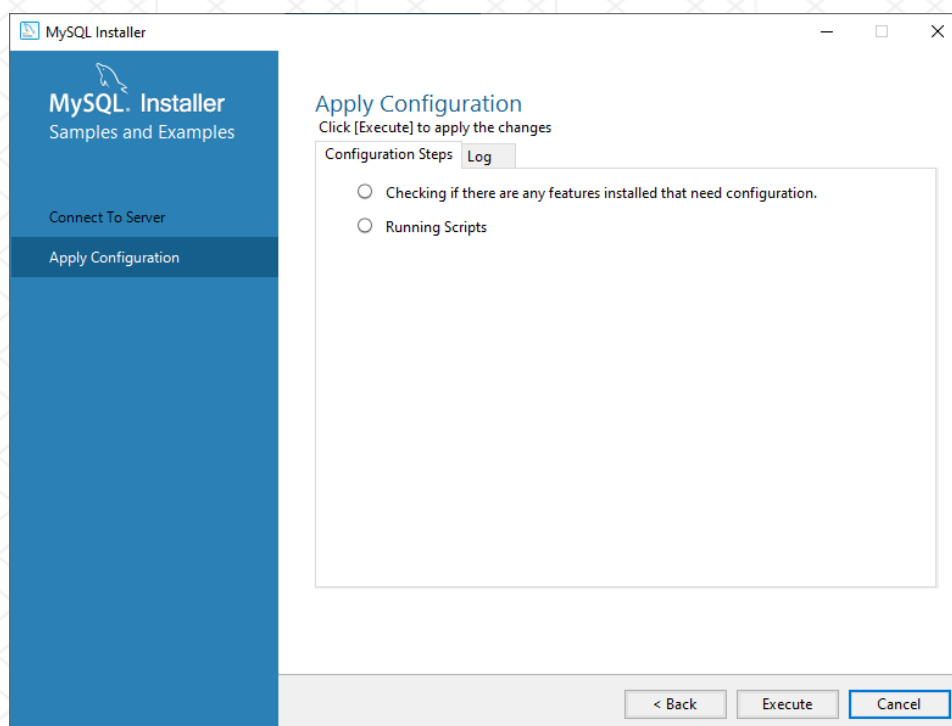
### Connect To Server

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

bem-sucedida, clique em Next.

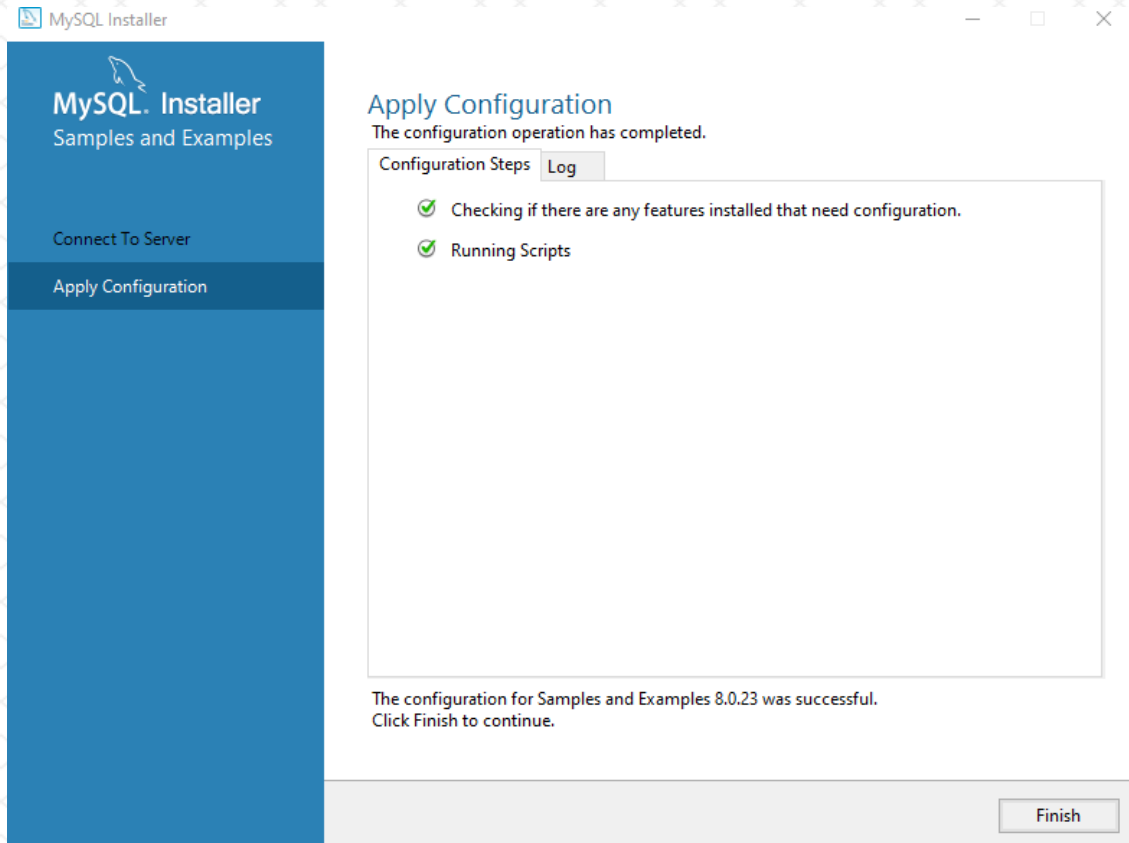


Cliquem em execute

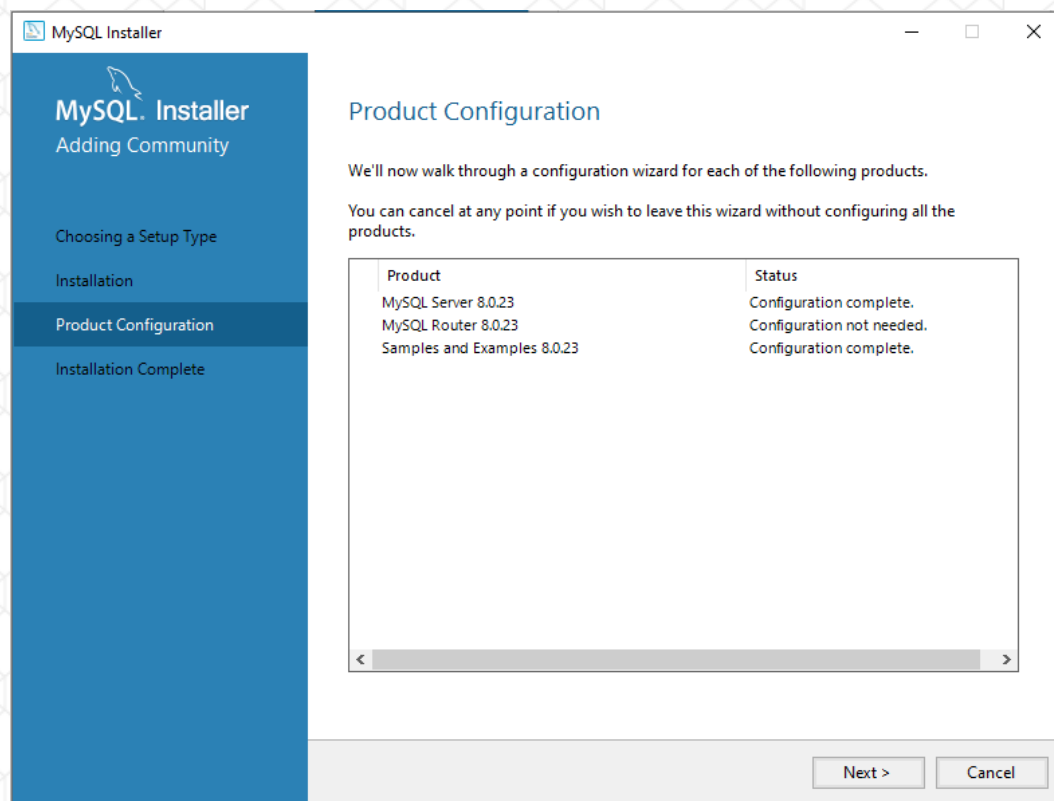


Clique em Finish.

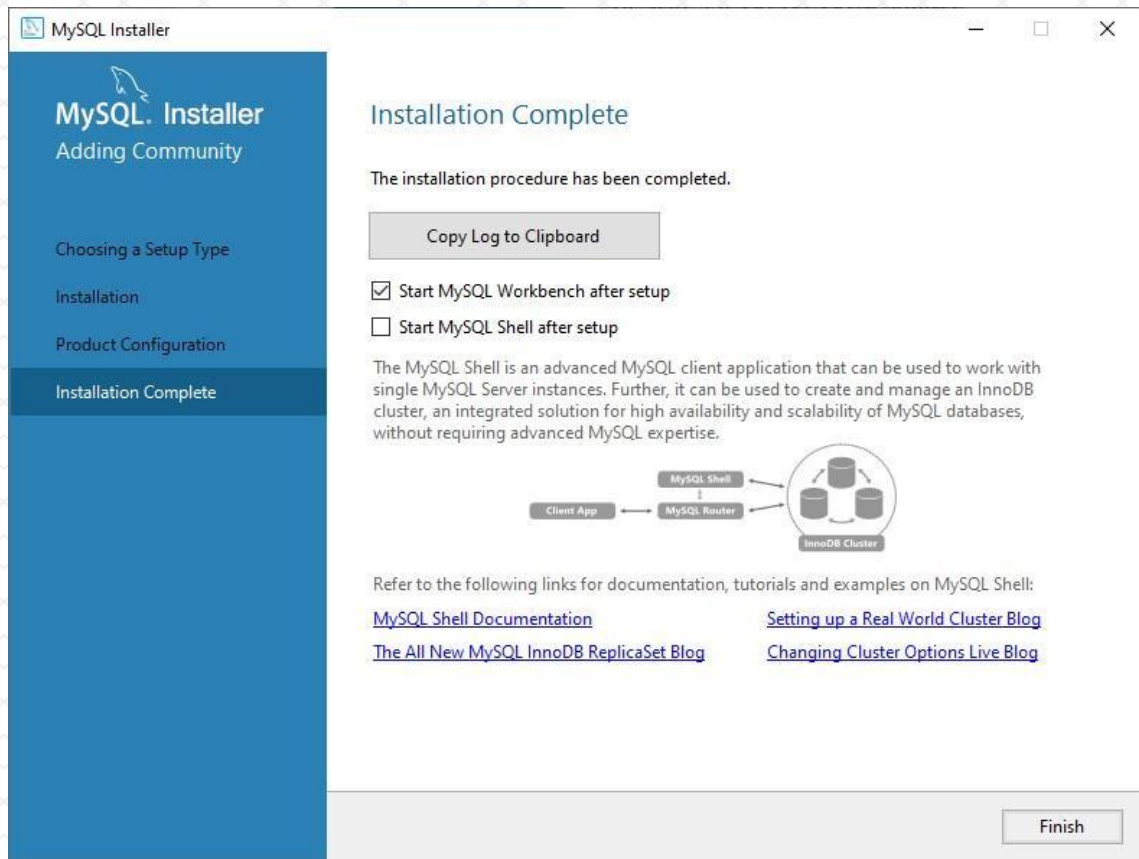




Clique em Next.



Clique em Finish.



Pronto! O MySQL está instalado e pronto para ser utilizado.