



# Projeto Integrador - Grupo 6

Sistema de digitação e edição de contas

## MANUAL TÉCNICO

*FATEC Profº Jessen Vidal, São José dos Campos, 2º semestre de 2020*

*Curso: Tecnologia em Banco de Dados*

## Objetivo

Possibilitar que o usuário/digitador faça cadastros, buscas e edições de contas e clientes, de forma que execute seu trabalho com o melhor desempenho possível e com maior qualidade impossibilitando possíveis erros de digitação.

## Especificações

Abaixo segue os softwares necessários para executar o programa G6 de sistema de digitação e edição de contas.

1. MySQL Workbench
2. MySQL Server 8.0
3. JAVA versão 11 (normalmente já instalado no Windows 10).

*NOTA: O programa G6 foi desenvolvido para funcionar em ambiente Desktop e no Windows 10.*

## Softwares

### 1. MySQL Workbench

Acessar - <https://dev.mysql.com/downloads/workbench/>

**Passo 1:** Clique com o botão esquerdo do mouse no botão Download.

General Availability (GA) Releases Archives

### MySQL Workbench 8.0.22

Select Operating System:  
Microsoft Windows

Recommended Download:

**MySQL Installer for Windows**

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

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSF packages.

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

Go to Download Page >

Other Downloads:

Windows (x86, 64-bit), MSI Installer	8.0.22	35.9M	Download
(mysql-workbench-community-8.0.22-winx64.msi)		MD5: 4b93bbbe9ca388eb96b3536d8a7b1bc4	Signature

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

**Passo 2:** Clique com o botão esquerdo do mouse em 'No thanks, just start my download.'

## MySQL Community Downloads

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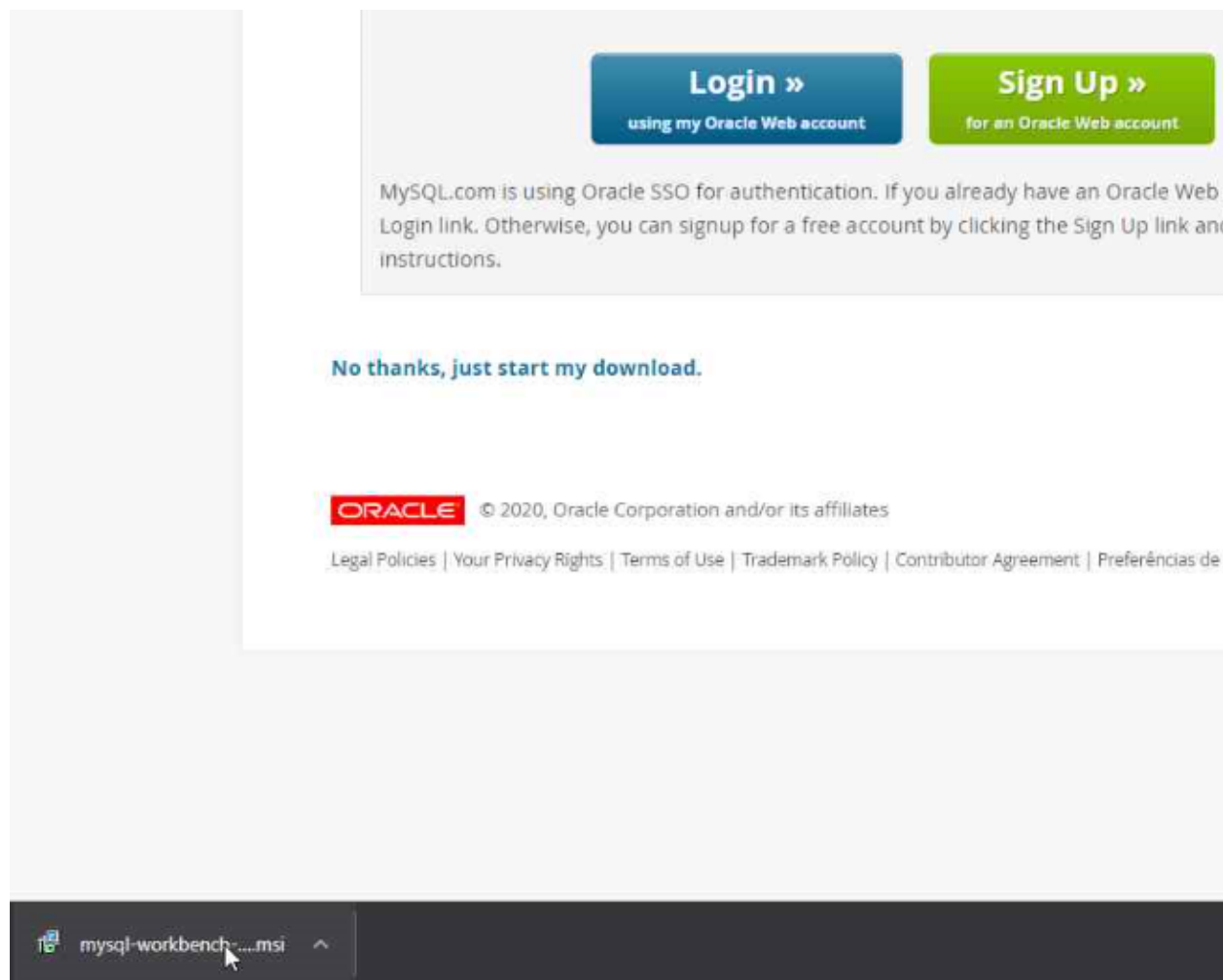
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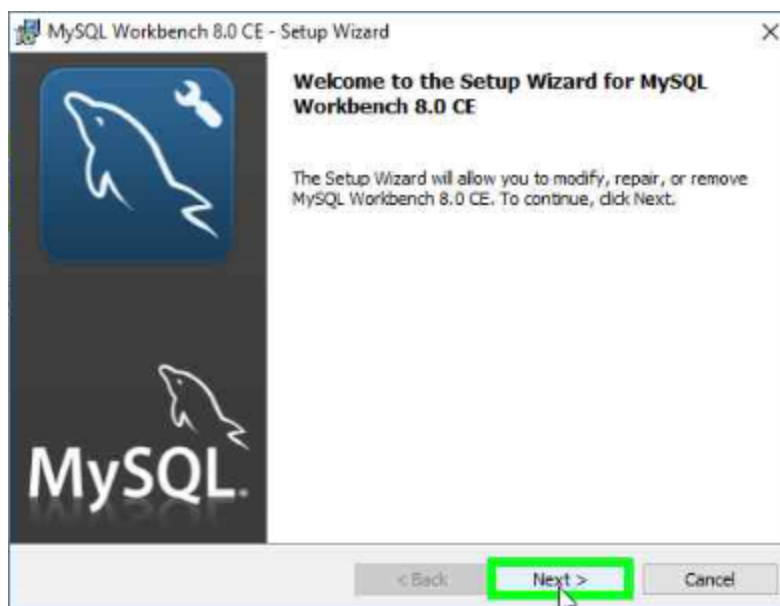
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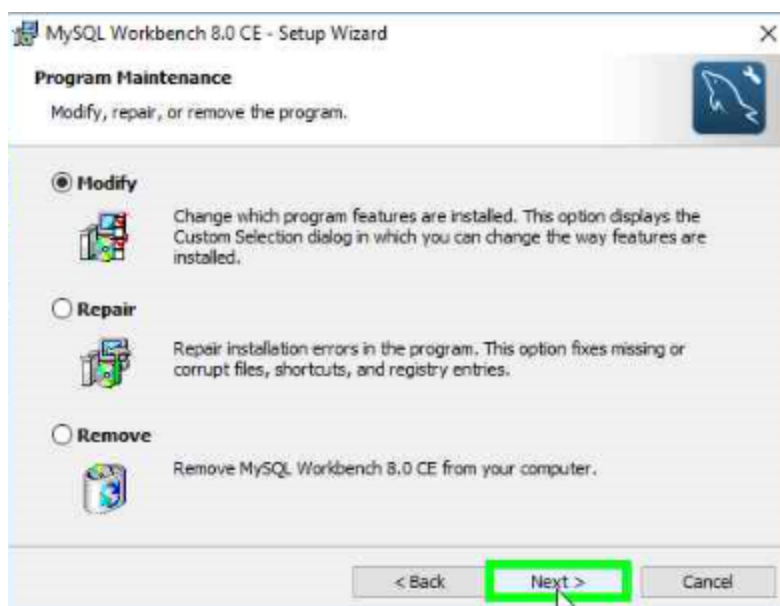
**Passo 3:** Após concluir o download clique com o botão esquerdo do mouse para abrir o arquivo “mysql-workbench....msi”.



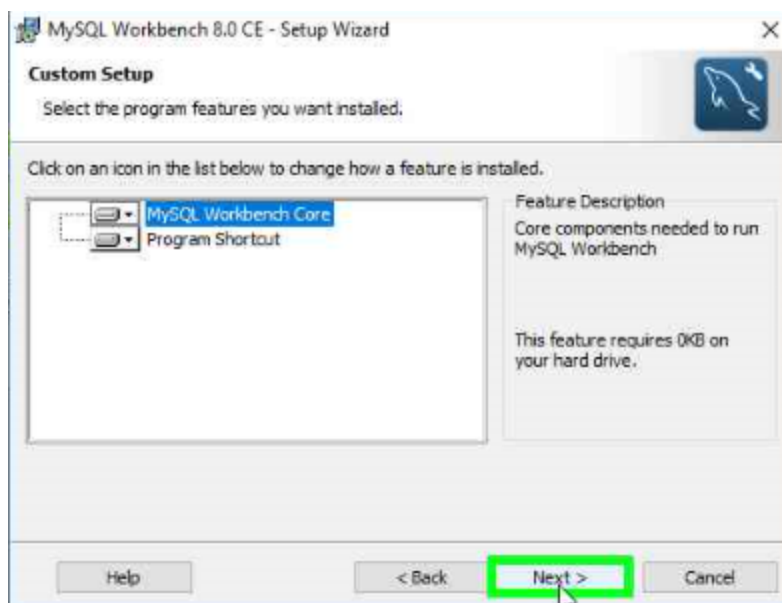
**Passo 4:** Clique com o botão esquerdo do mouse no botão Next.



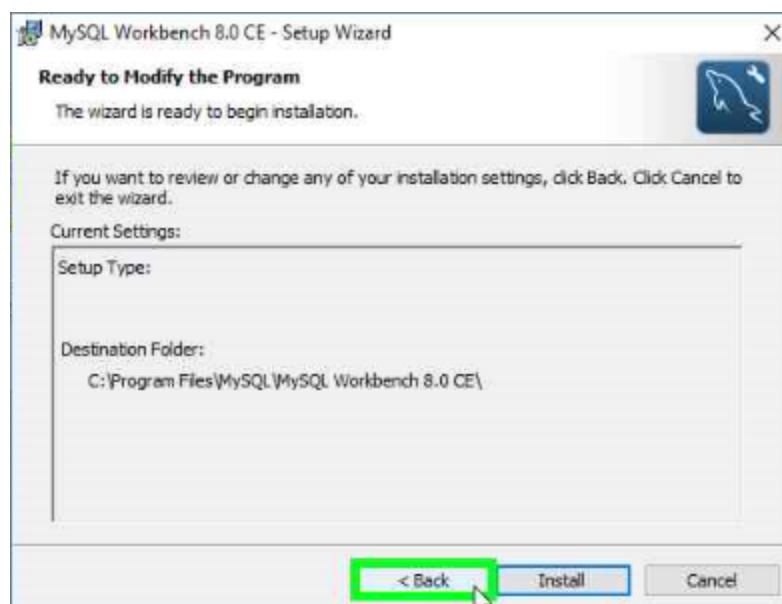
**Passo 5:** Clique com o botão esquerdo do mouse no botão Next.



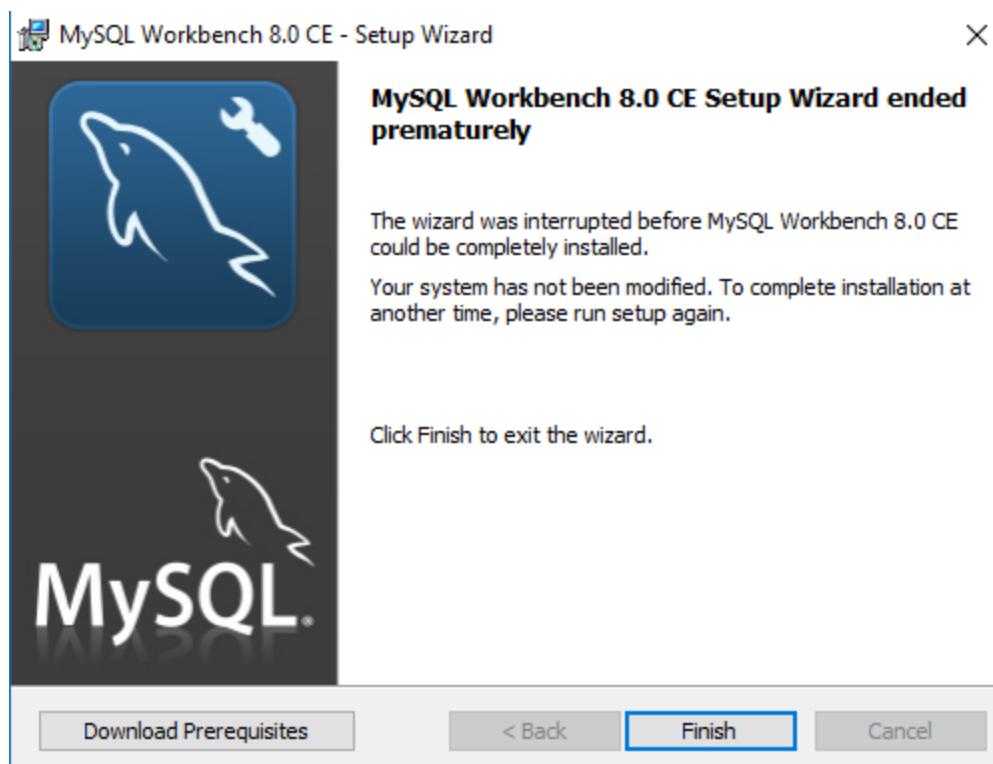
**Passo 6:** Clique com o botão esquerdo do mouse no botão Next.



**Passo 7:** Clique com o botão esquerdo do mouse no botão Install.



**Passo 8:** Clique com o botão esquerdo do mouse no botão Finish.





## 2. MySQL Server

Acessar - <https://www.mysql.com/downloads/>

**Passo 1:** Clique com o botão esquerdo do mouse em MySQL Community (GPL) Downloads

The screenshot displays the MySQL website's download section. At the top, a dark blue banner lists features of MySQL Enterprise Edition, such as 'Fully Managed Database Service' and '100% Developed and Managed by the MySQL Team'. Below this, a 'Try Now' button is visible. The main content area is divided into three columns. The left column, titled 'Contact Sales', provides contact information for various regions including USA, Canada, Germany, France, Italy, UK, Japan, China, and India. The middle column, titled 'MySQL Enterprise Edition', describes the product and includes links for 'Learn More', 'Customer Download', and 'Trial Download'. The right column, titled 'MySQL Cluster CGE', describes the cluster technology and also includes links for 'Learn More', 'Customer Download', and 'Trial Download'. At the bottom of the right column, the link 'MySQL Community (GPL) Downloads' is highlighted with a red rectangular box.

**MySQL Enterprise Edition**  
MySQL Enterprise Edition includes the most comprehensive set of advanced features, management tools and technical support for MySQL.  
[Learn More »](#)  
[Customer Download »](#)  
[Trial Download »](#)

**MySQL Cluster CGE**  
MySQL Cluster is a real-time open source transactional database designed for fast, always-on access to data under high throughput conditions.  

- MySQL Cluster
- MySQL Cluster Manager
- Plus, everything in MySQL Enterprise Edition

[Learn More »](#)  
[Customer Download »](#) (Select Patches & Updates Tab, Product Search)  
[Trial Download »](#)

[MySQL Community \(GPL\) Downloads »](#)

**Passo 2:** Clique com o botão esquerdo do mouse em MySQL Installer for Windows.

## ⌵ MySQL Community Downloads

- MySQL Yum Repository
- MySQL APT Repository
- MySQL SUSE Repository
- MySQL Community Server
- MySQL Cluster
- MySQL Router
- MySQL Shell
- MySQL Workbench
- **MySQL Installer for Windows**
- MySQL for Visual Studio
- 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

**Passo 3:** Clique com o botão esquerdo do mouse no botão Download no arquivo (mysql-installer-community-8.0.22.0.msi) arquivo de 405.2M.

## MySQL Community Downloads

MySQL Installer

[General Availability \(GA\) Releases](#) [Archives](#)

### MySQL Installer 8.0.22

Select Operating System:

[Looking for previous GA versions?](#)

<b>Windows (x86, 32-bit), MSI Installer</b> (mysql-installer-web-community-8.0.22.0.msi)	8.0.22	2.5M	<a href="#">Download</a>
<b>Windows (x86, 32-bit), MSI Installer</b> (mysql-installer-community-8.0.22.0.msi)	8.0.22	405.2M	<a href="#">Download</a>

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**Passo 5:** Após concluir o download clique com o botão esquerdo do mouse para abrir o arquivo “mysql-installer-community...msi”.

## MySQL Community Downloads

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**No thanks, just start my download.**

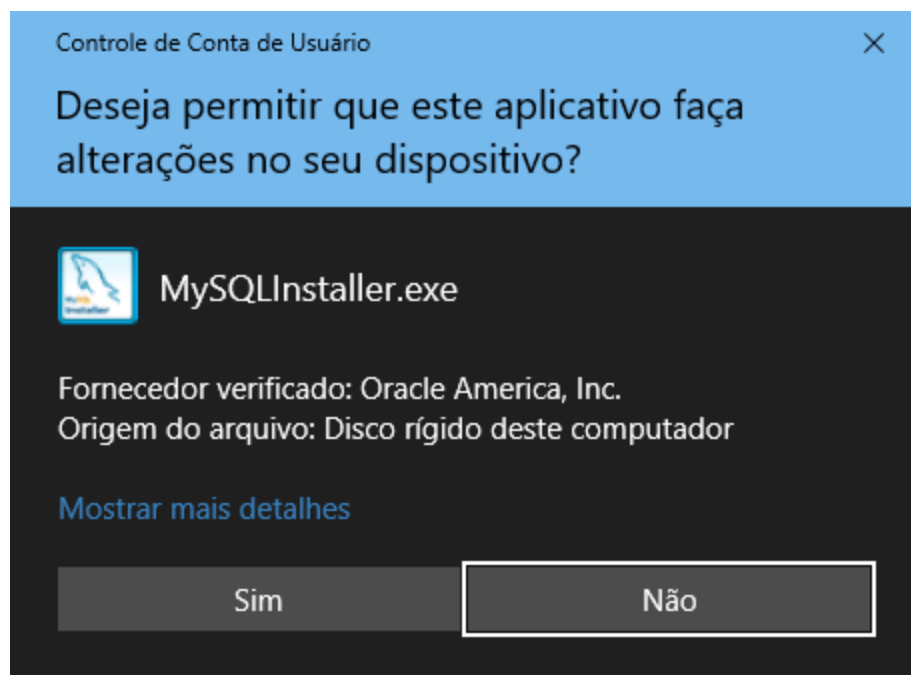
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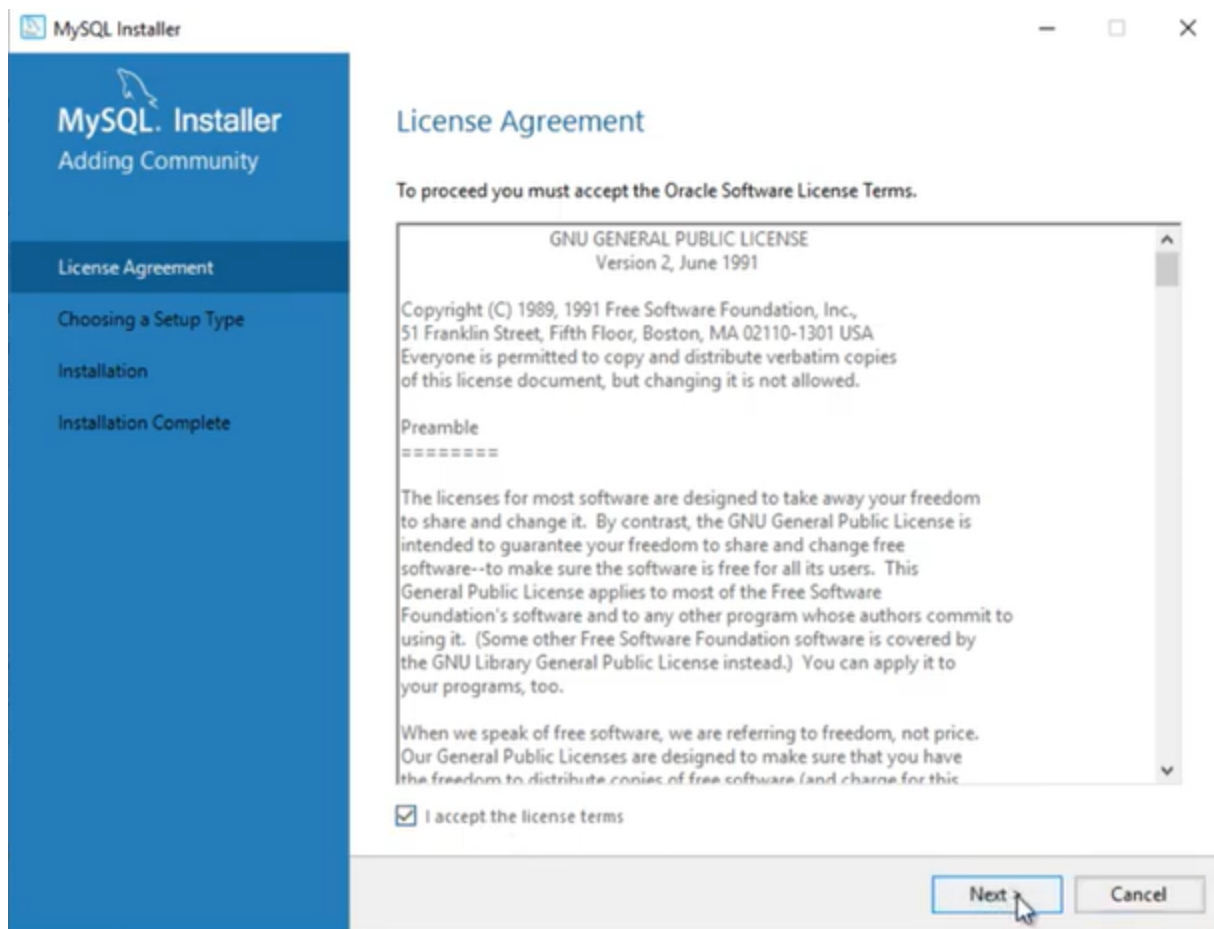
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mysql-installer-co...msi  
2.2/293 MB, 6 minutes remaining...

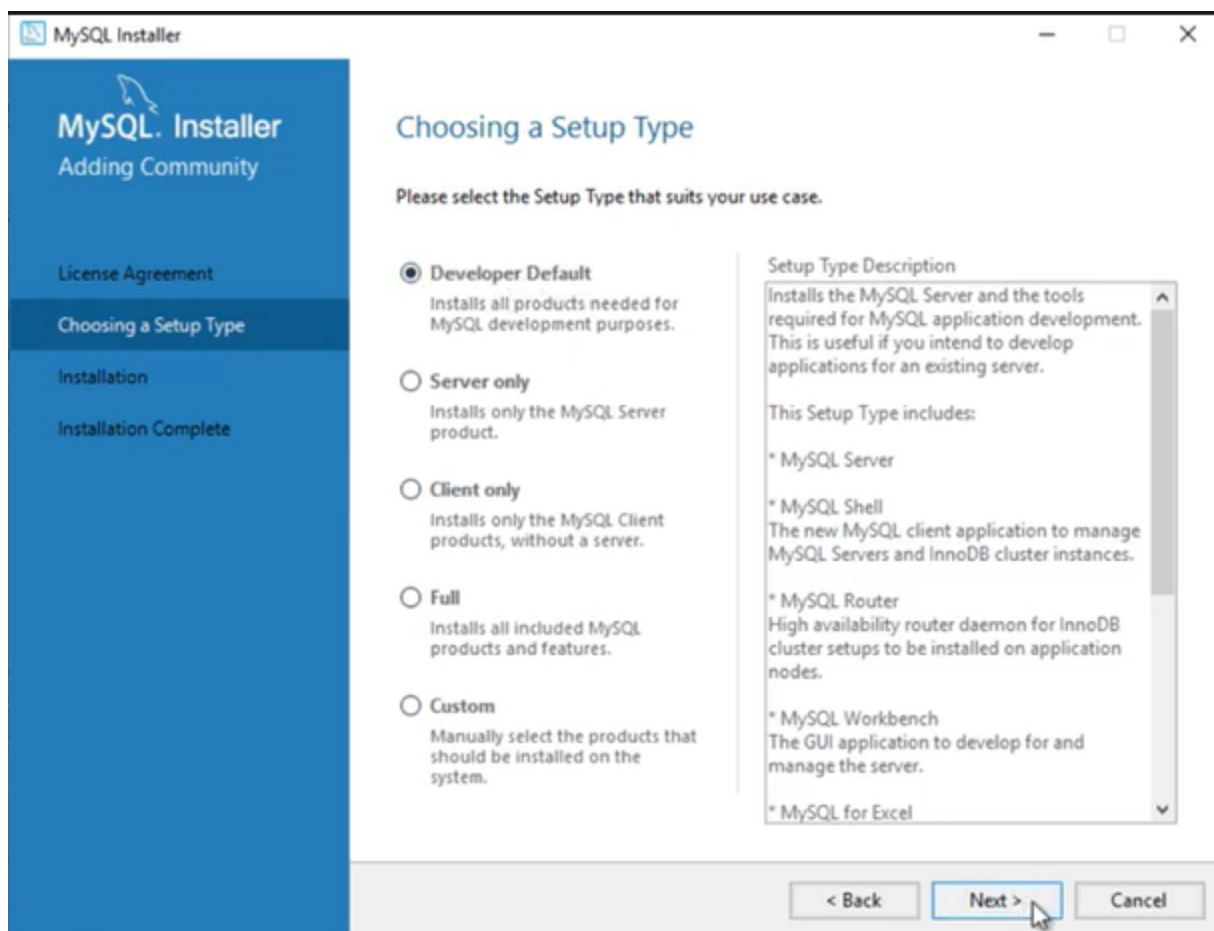
**Passo 6:** Clique com o botão esquerdo do mouse no botão Sim



**Passo 7:** Clique com o botão esquerdo do mouse no check box (I accept the license terms) e em seguida clique no botão Next.

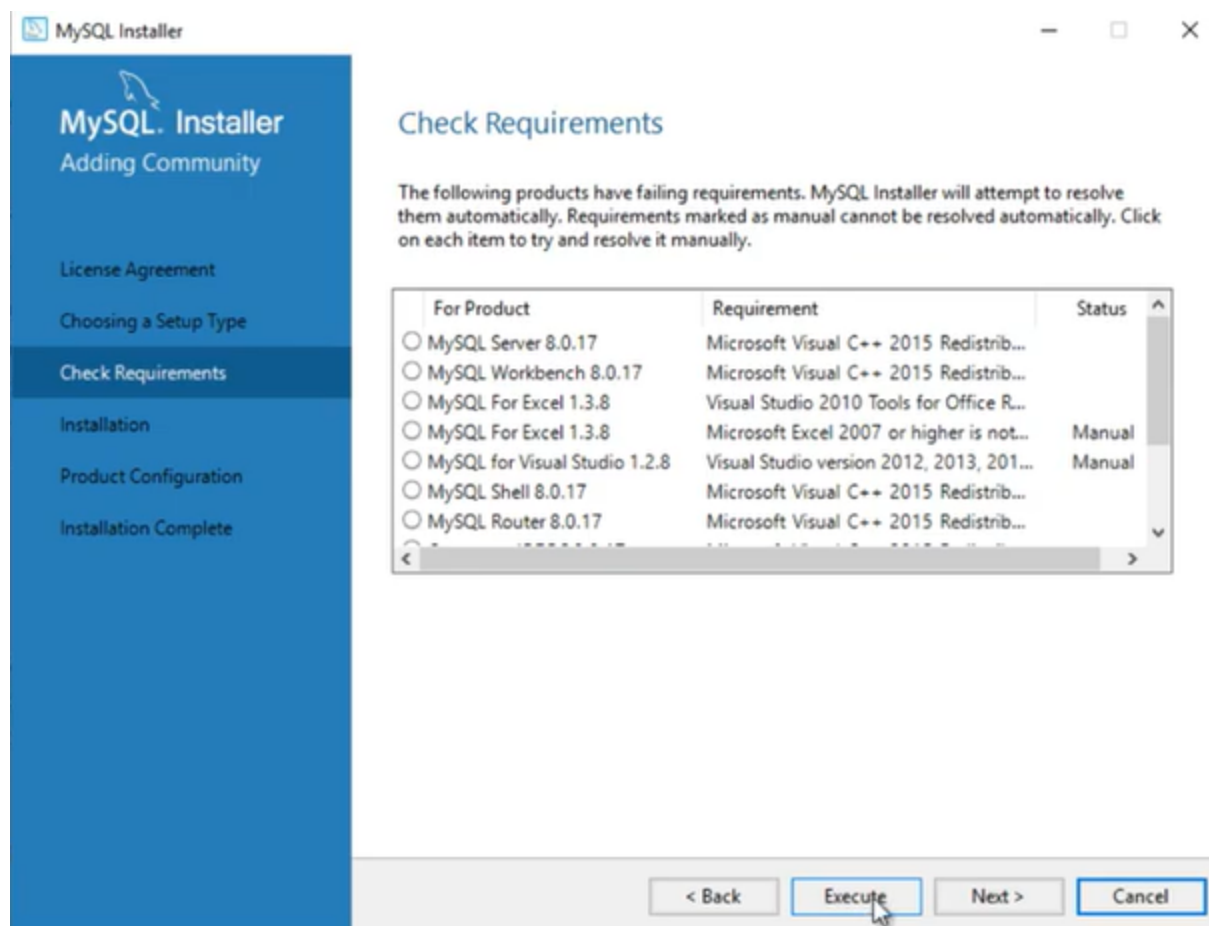


**Passo 8:** Clique com o botão esquerdo do mouse em Developer Default e em seguida clique no botão Next.

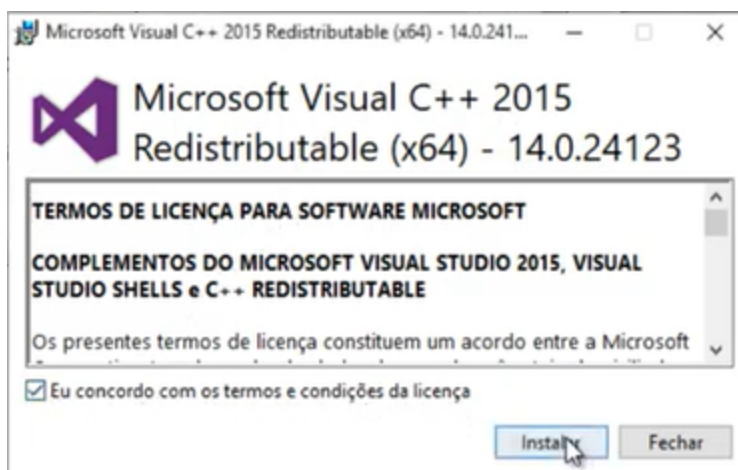




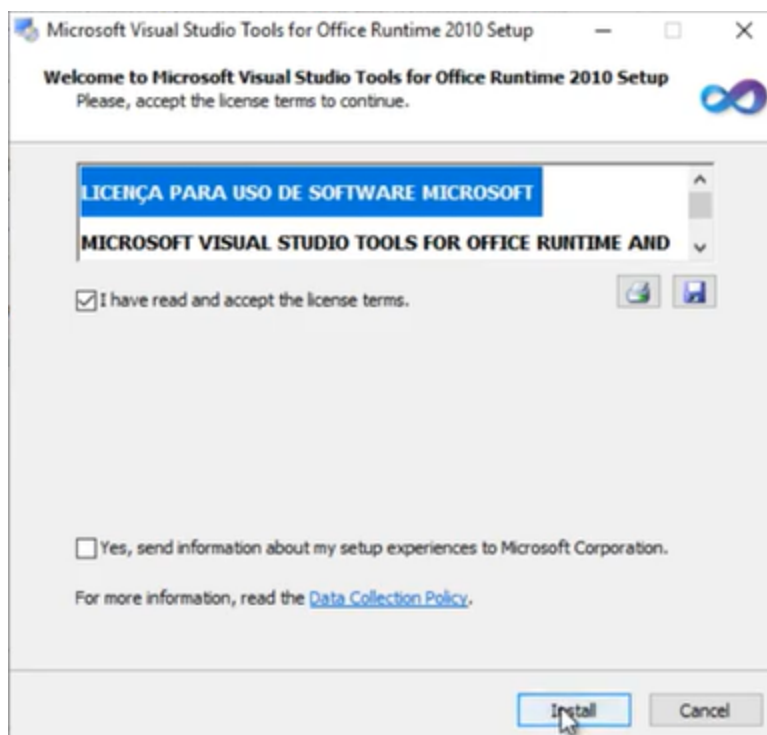
**Passo 9:** Clique com o botão esquerdo do mouse no botão Execute.



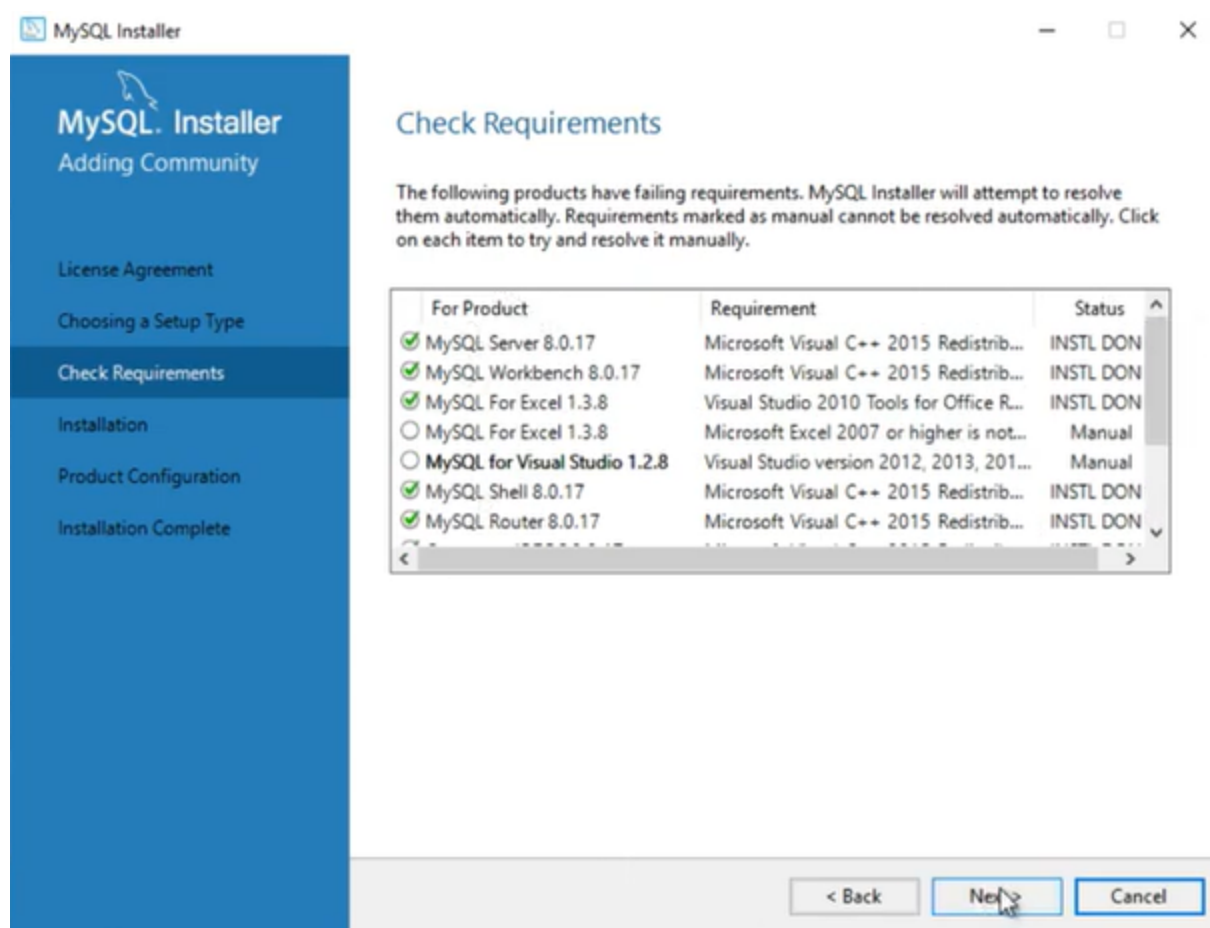
**Passo 10:** Clique com o botão esquerdo do mouse no check box (Eu concordo com os termos e condições da licença) e em seguida clique no botão Instalar.



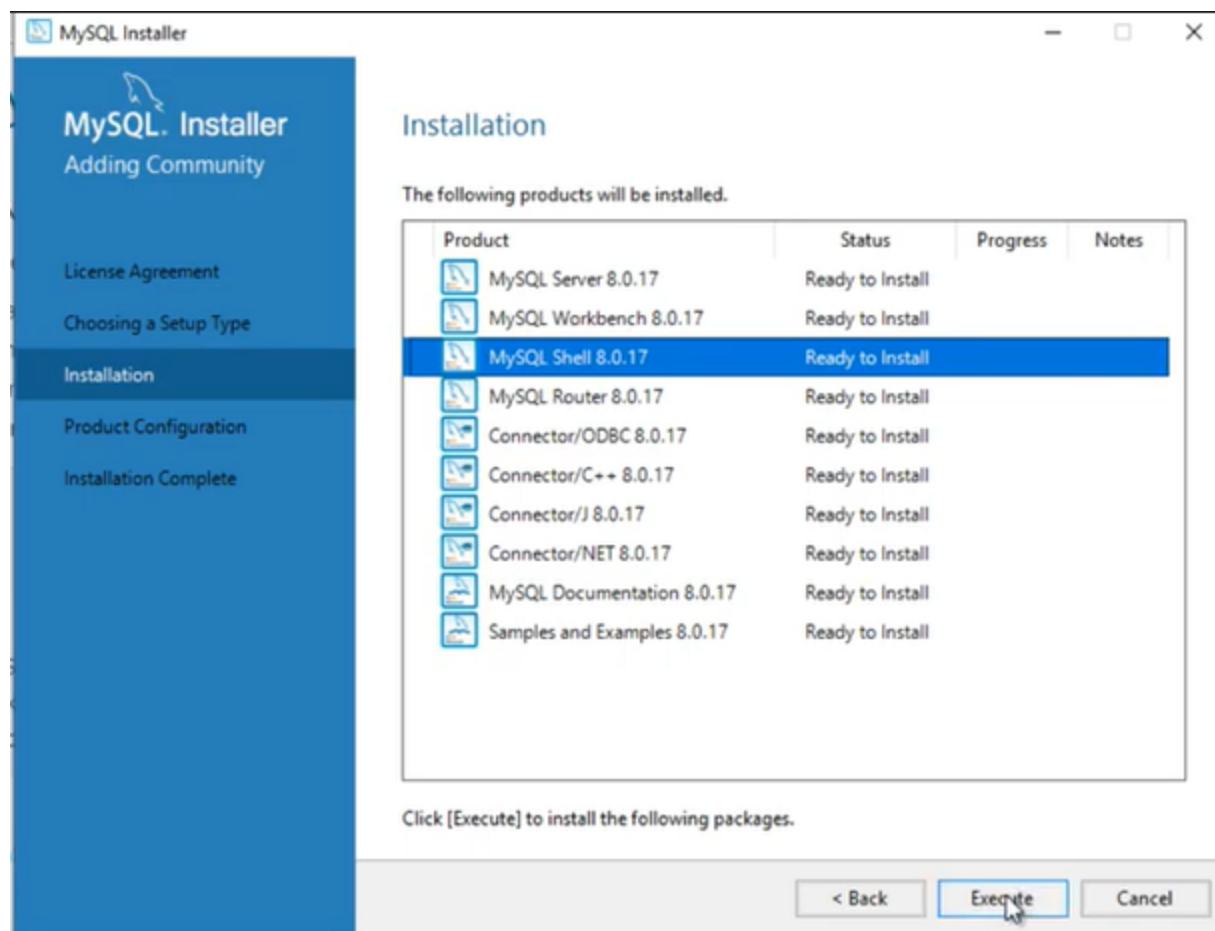
**Passo 11:** Clique com o botão esquerdo do mouse no check box (I have read and accept the license terms.) e em seguida clique no botão Install.



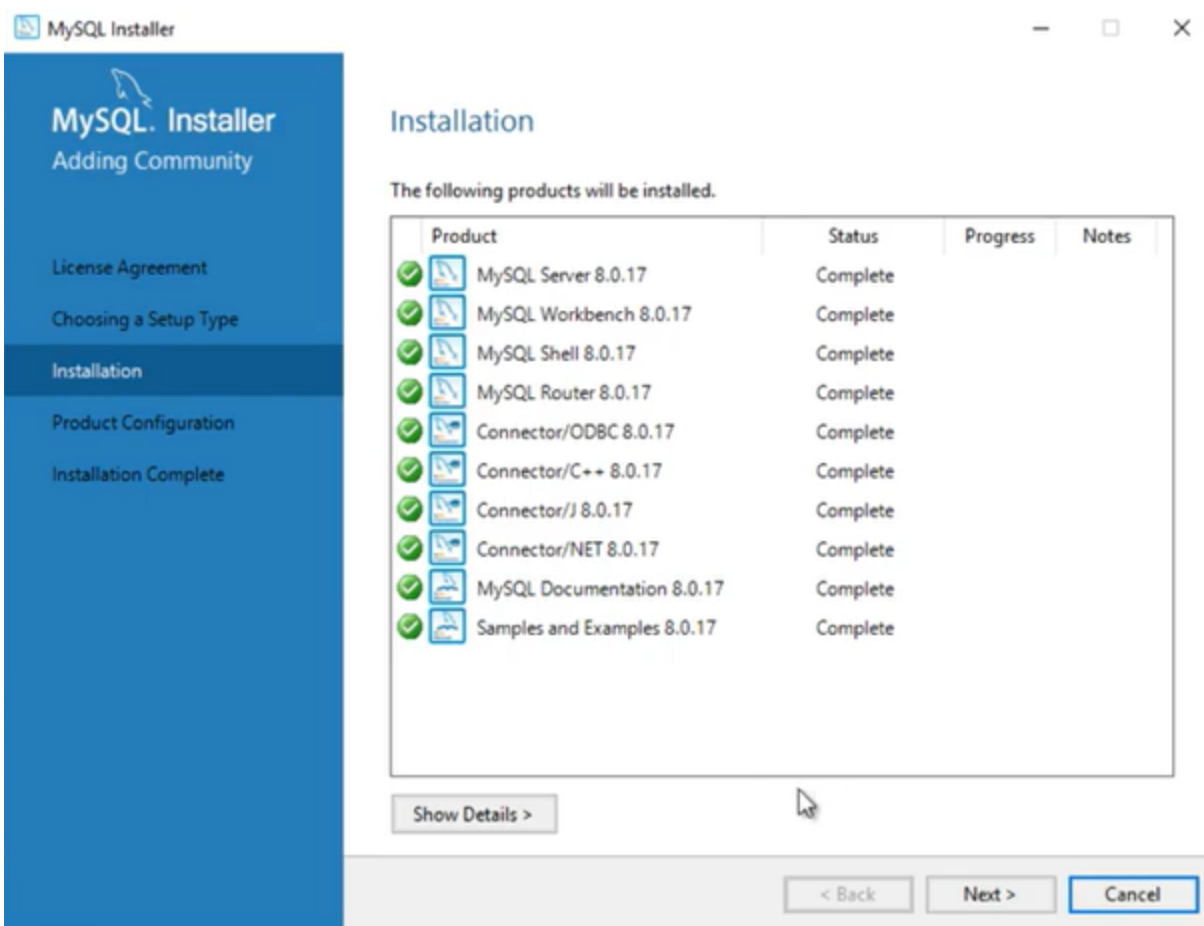
**Passo 12:** Clique com o botão esquerdo do mouse no botão Next.



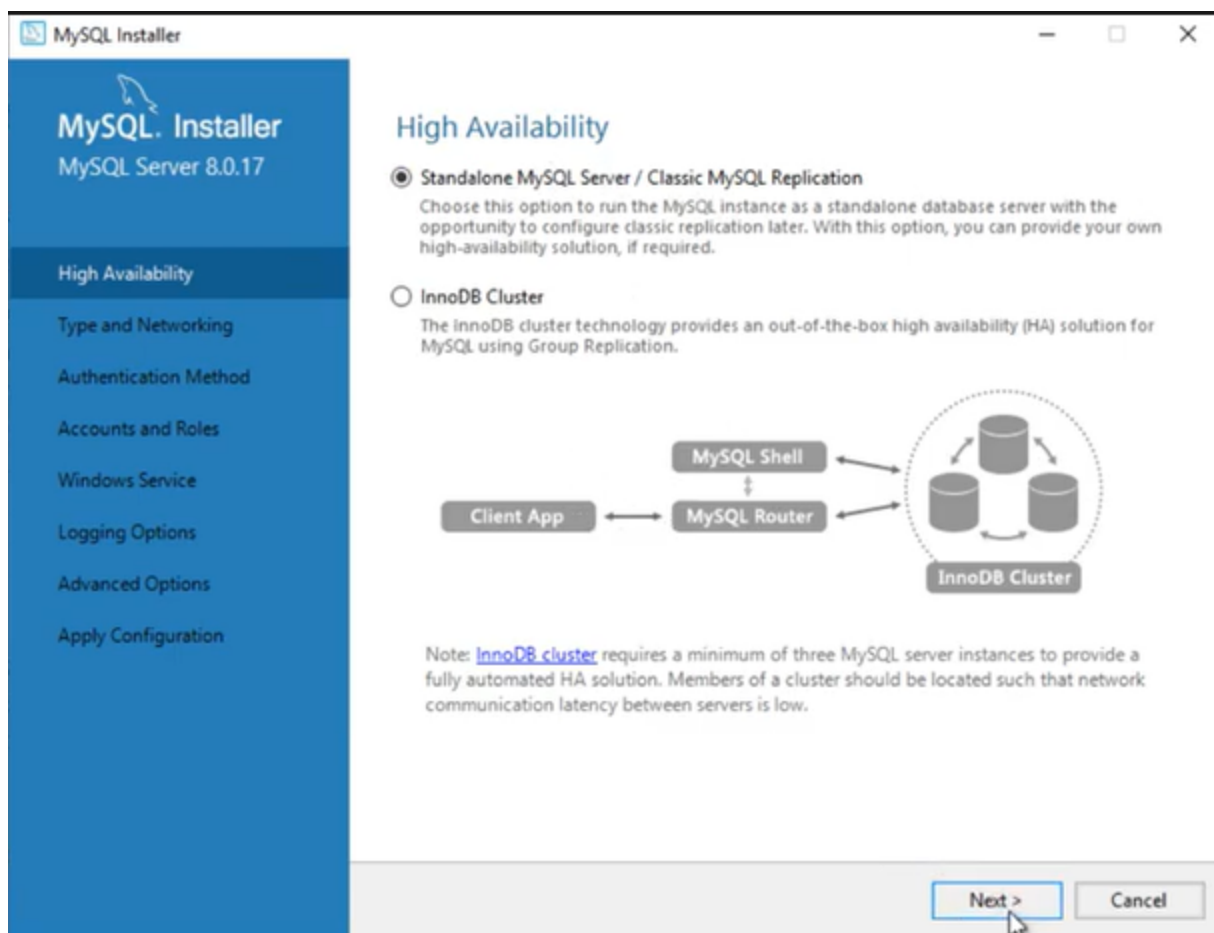
**Passo 13:** Clique com o botão esquerdo do mouse no botão Execute.



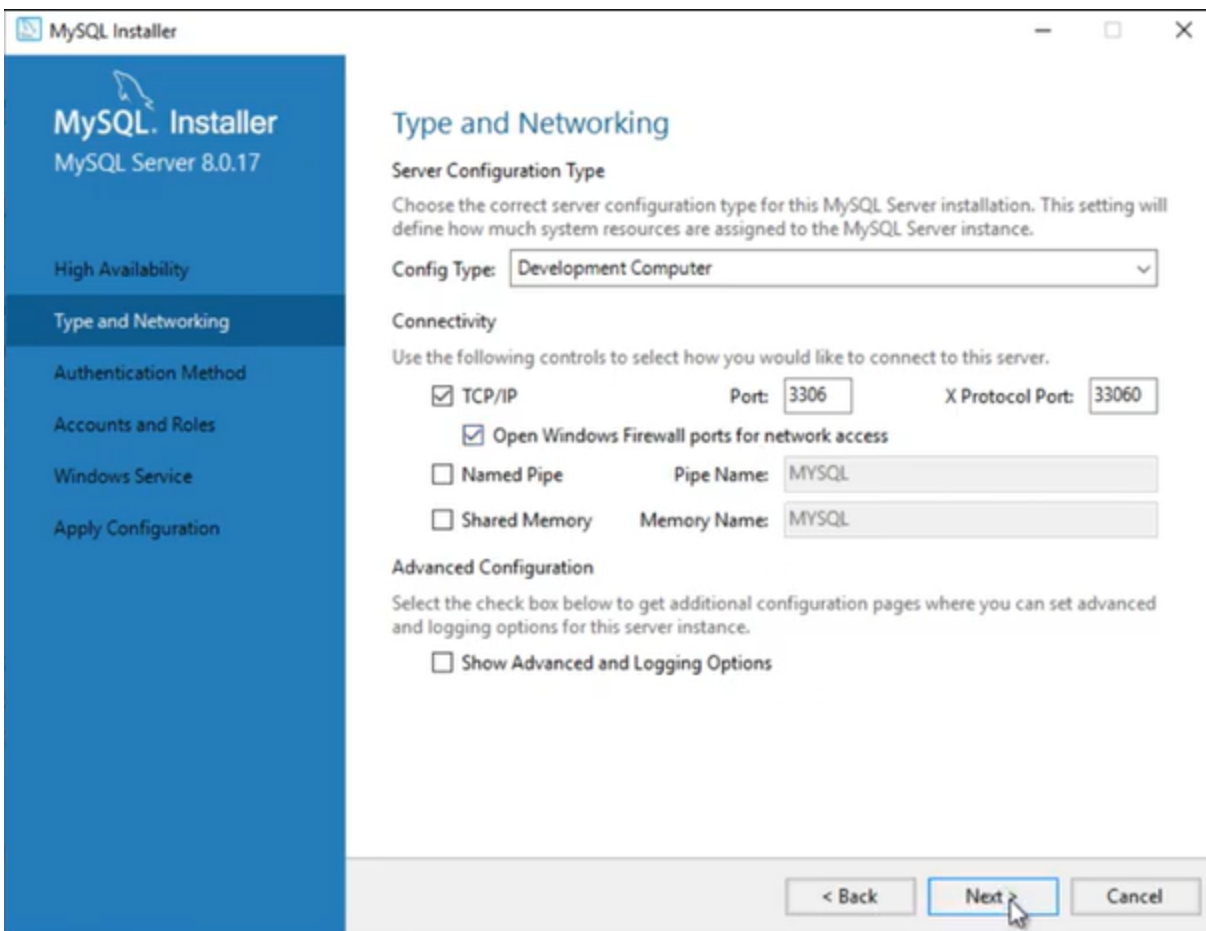
**Passo 14:** Clique com o botão esquerdo do mouse no botão Next.



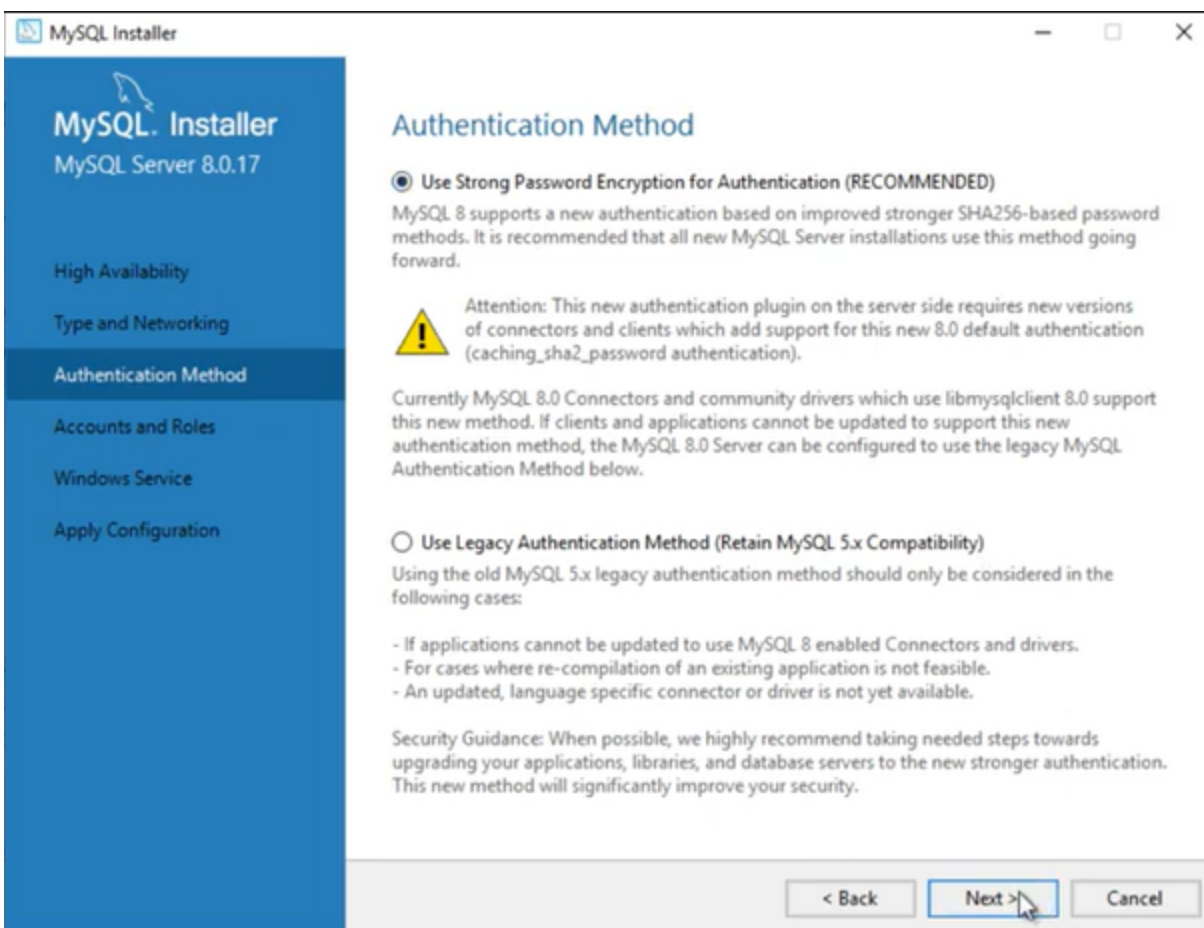
**Passo 15:** Clique com o botão esquerdo do mouse no check box (Standalone MySQL Server/Classic MySQL Replication) e em seguida clique no botão Next.



**Passo 16:** Clique com o botão esquerdo do mouse no botão Next.

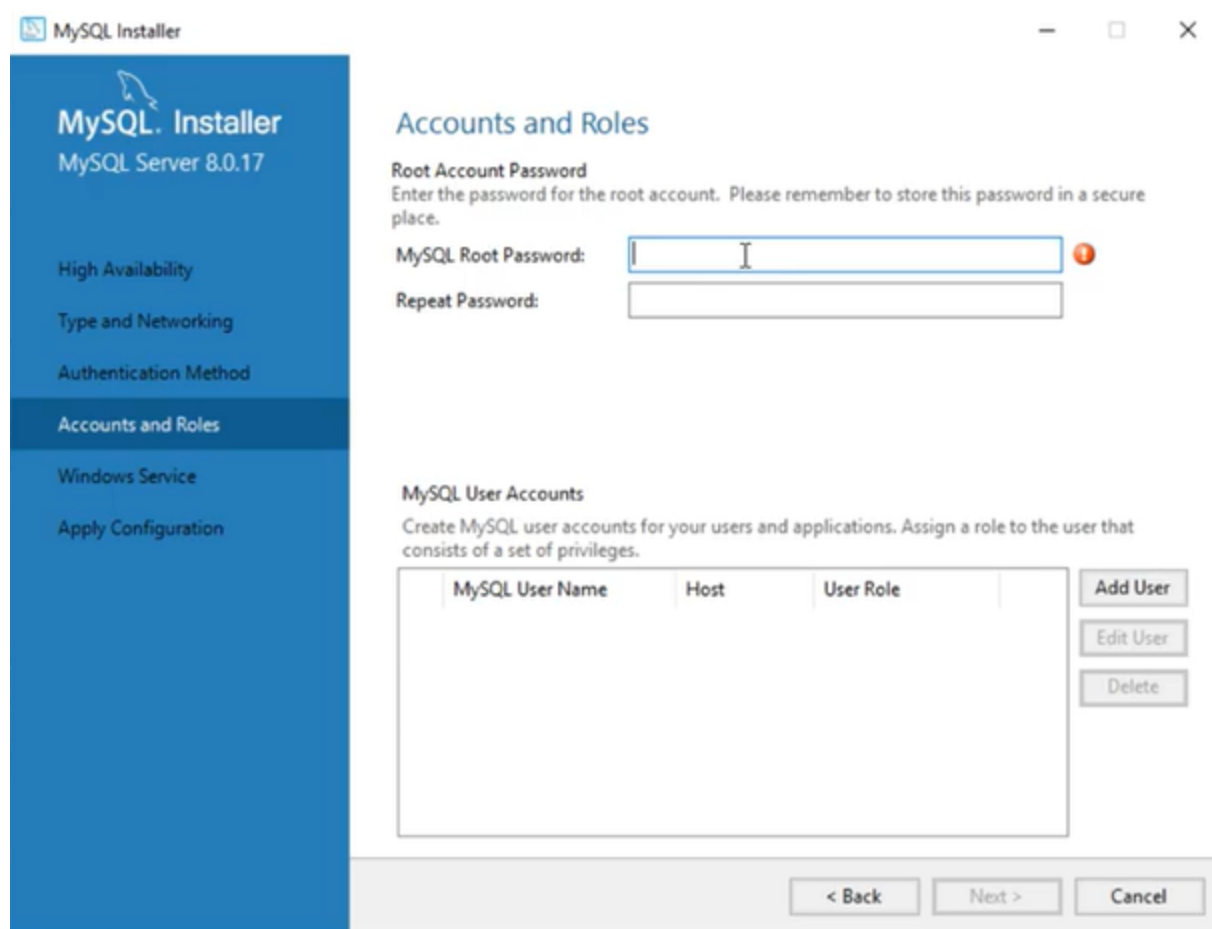


**Passo 17:** Clique com o botão esquerdo do mouse no botão Next.





**Passo 18:** Crie uma senha no MySQL Root Password e depois repita a senha e em seguida clique no botão add User.



The image shows the MySQL Installer window for MySQL Server 8.0.17. The left sidebar contains the following options: High Availability, 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:

**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:

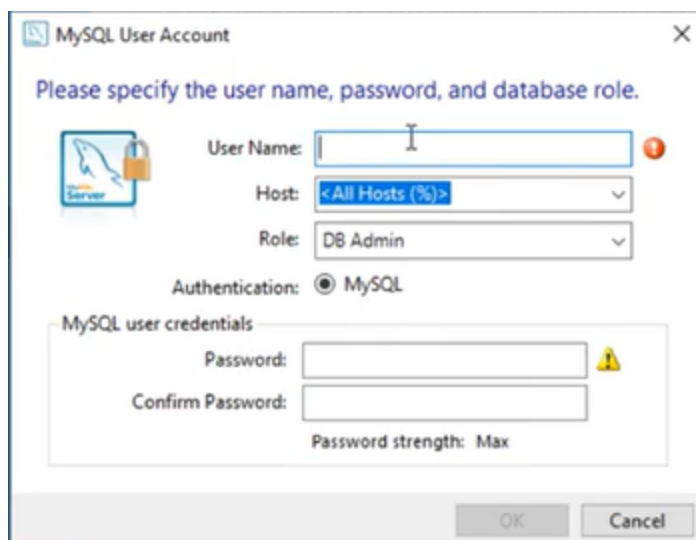
**MySQL User Accounts**  
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

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

Buttons: Add User, Edit User, Delete

Navigation: < Back, Next >, Cancel

**Passo 19:** Crie um usuário de administrador do banco de Dados e em seguida crie uma senha e depois repita a senha e em seguida clique no botão ok.



The image shows a 'MySQL User Account' dialog box with a title bar and a close button. The main text says 'Please specify the user name, password, and database role.' On the left is a 'Server' icon with a lock. The 'User Name' field is empty with a cursor. The 'Host' dropdown is set to '<All Hosts (%)>'. The 'Role' dropdown is set to 'DB Admin'. The 'Authentication' section has 'MySQL' selected with a radio button. Below is a 'MySQL user credentials' section with 'Password' and 'Confirm Password' fields, both empty. A yellow warning icon is next to the 'Password' field. Below these fields is 'Password strength: Max'. At the bottom are 'OK' and 'Cancel' buttons.

MySQL User Account

Please specify the user name, password, and database role.


User Name:

Host: <All Hosts (%)>

Role: DB Admin

Authentication: ☒ MySQL

MySQL user credentials

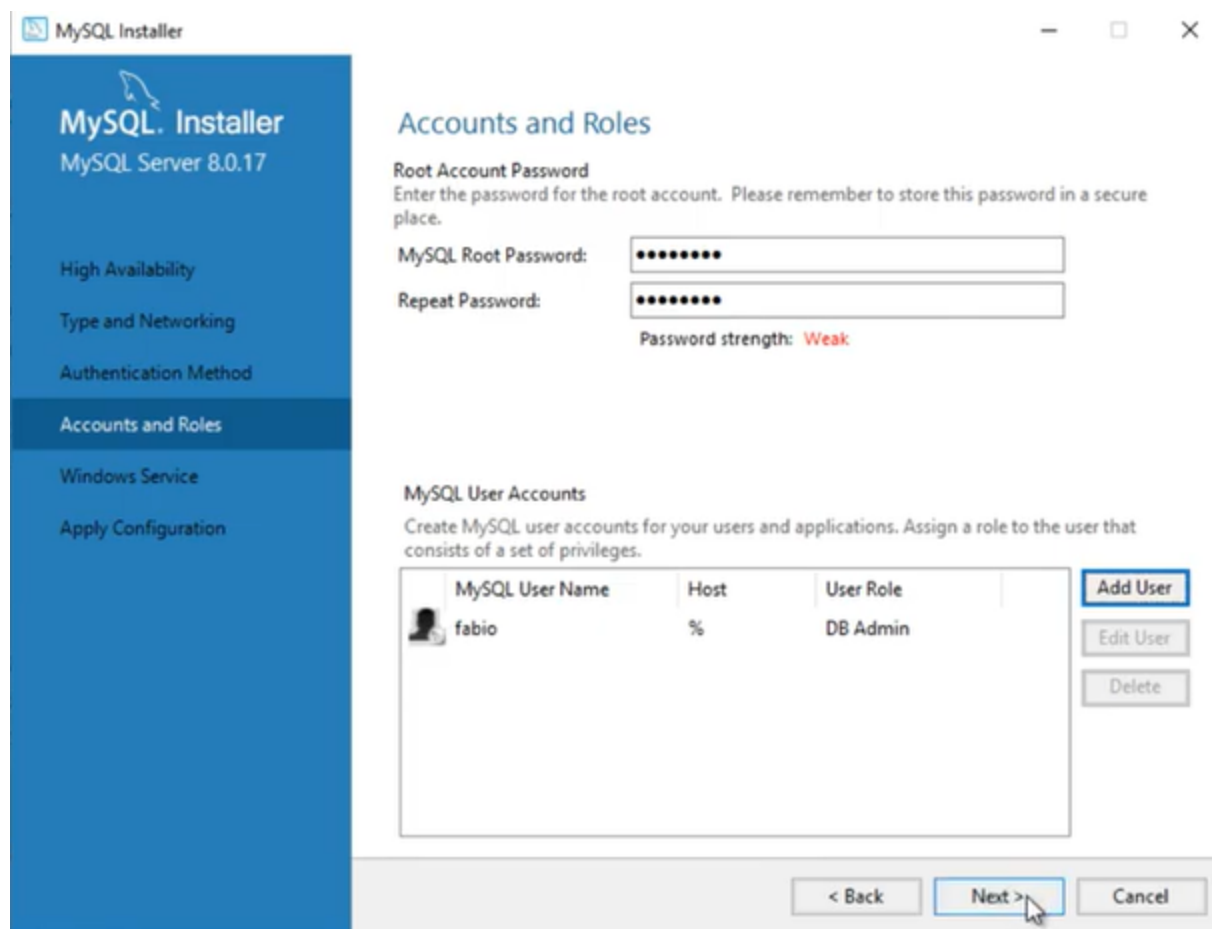
Password:  

Confirm Password:

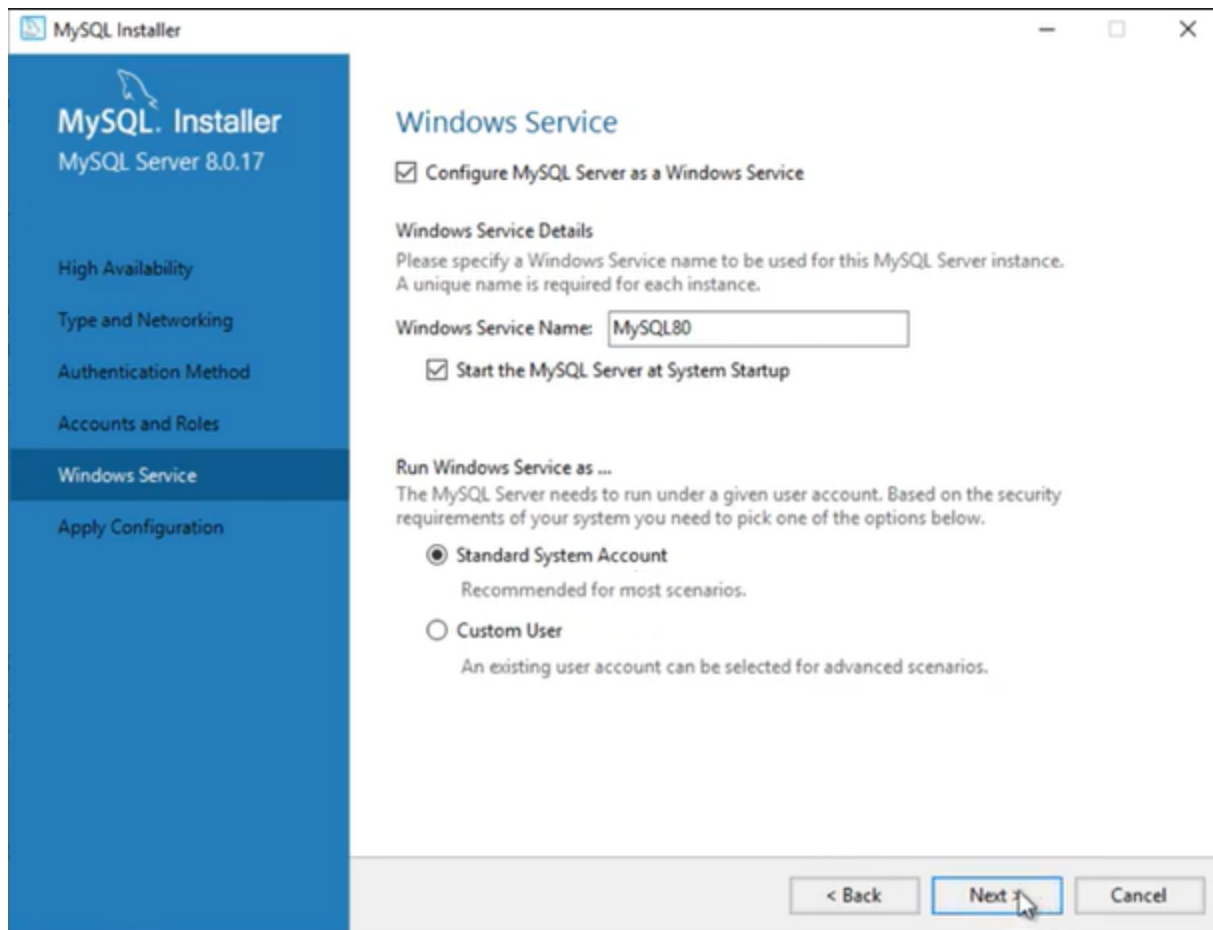
Password strength: Max

OK Cancel

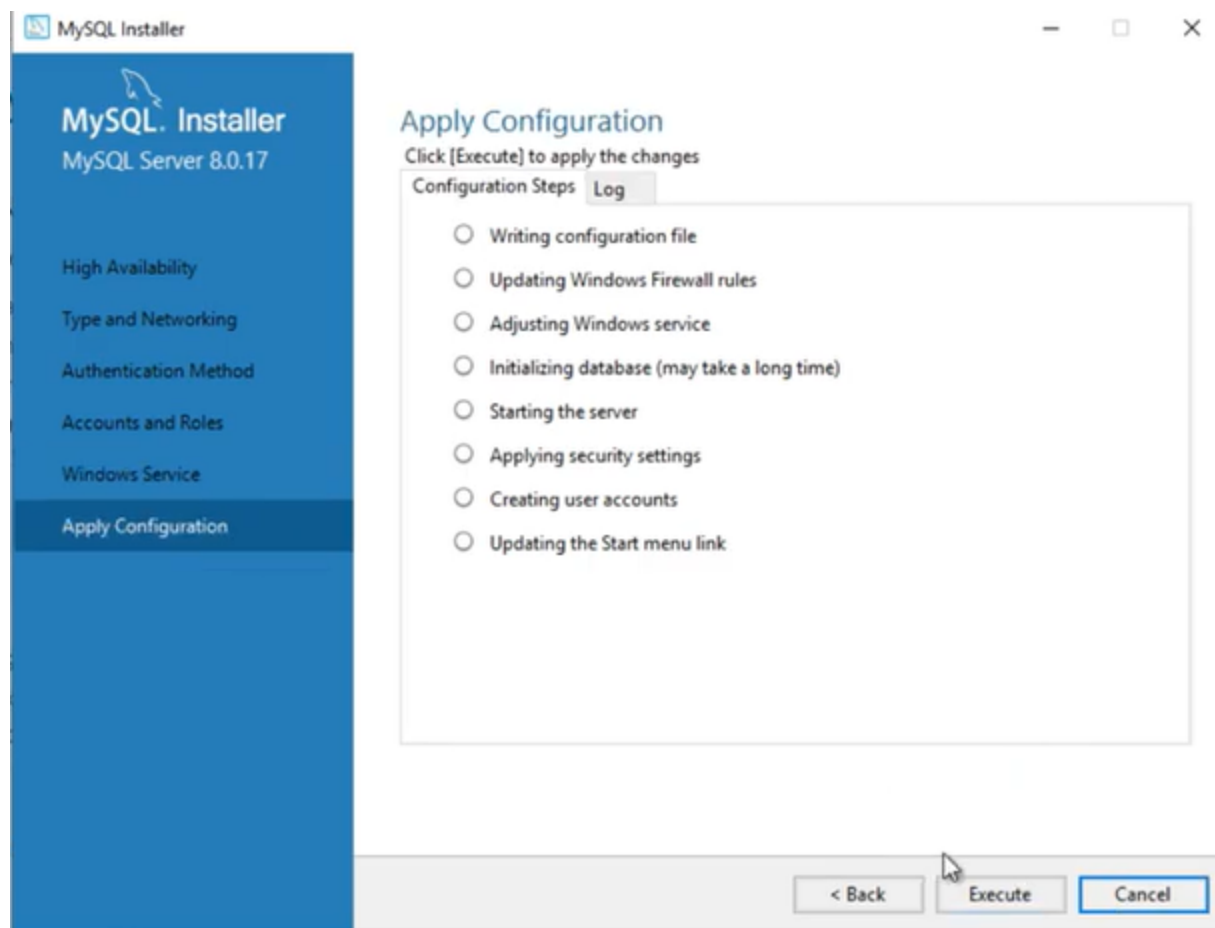
**Passo 21:** Após criar um usuário administrador clique com o botão esquerdo do mouse no botão next.



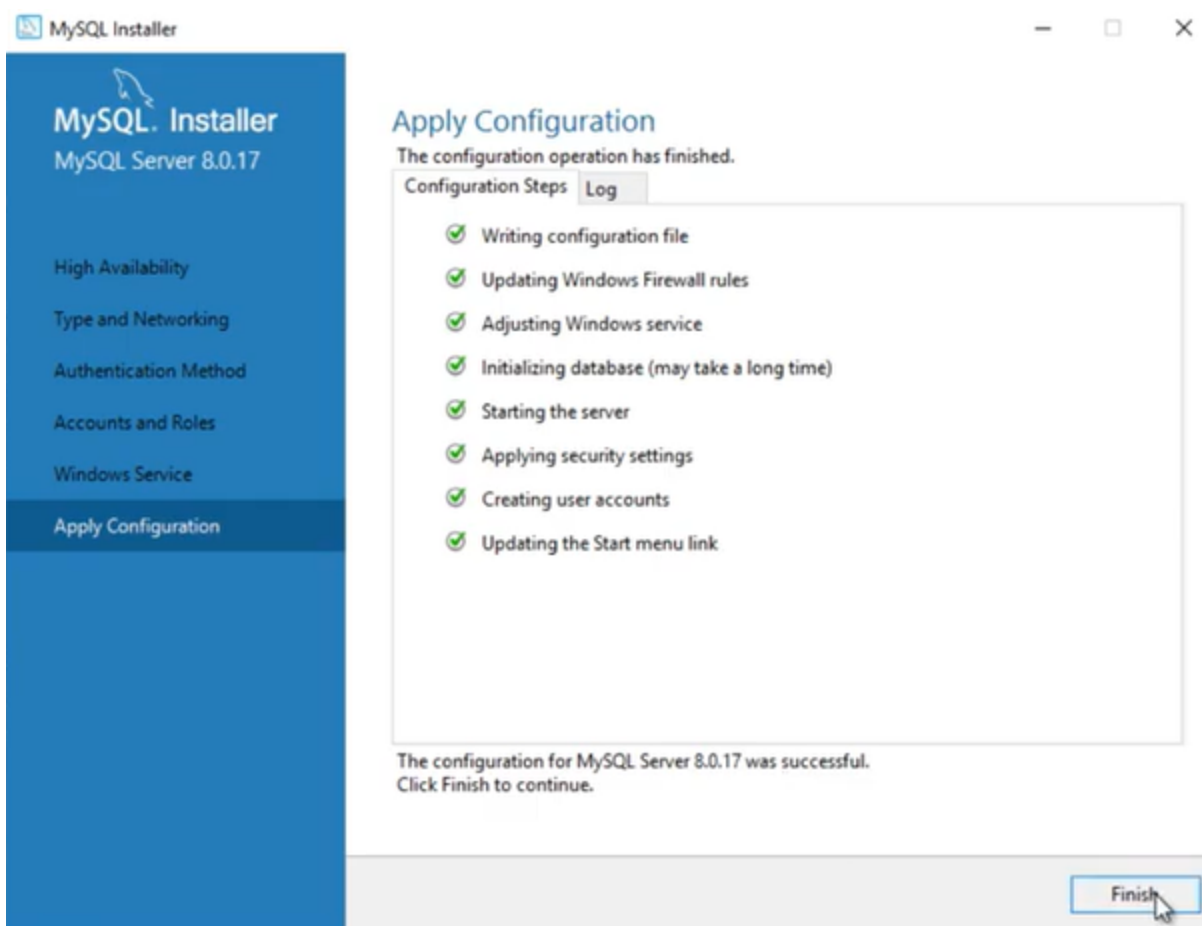
**Passo 22:** Clique com o botão esquerdo do mouse no botão next.



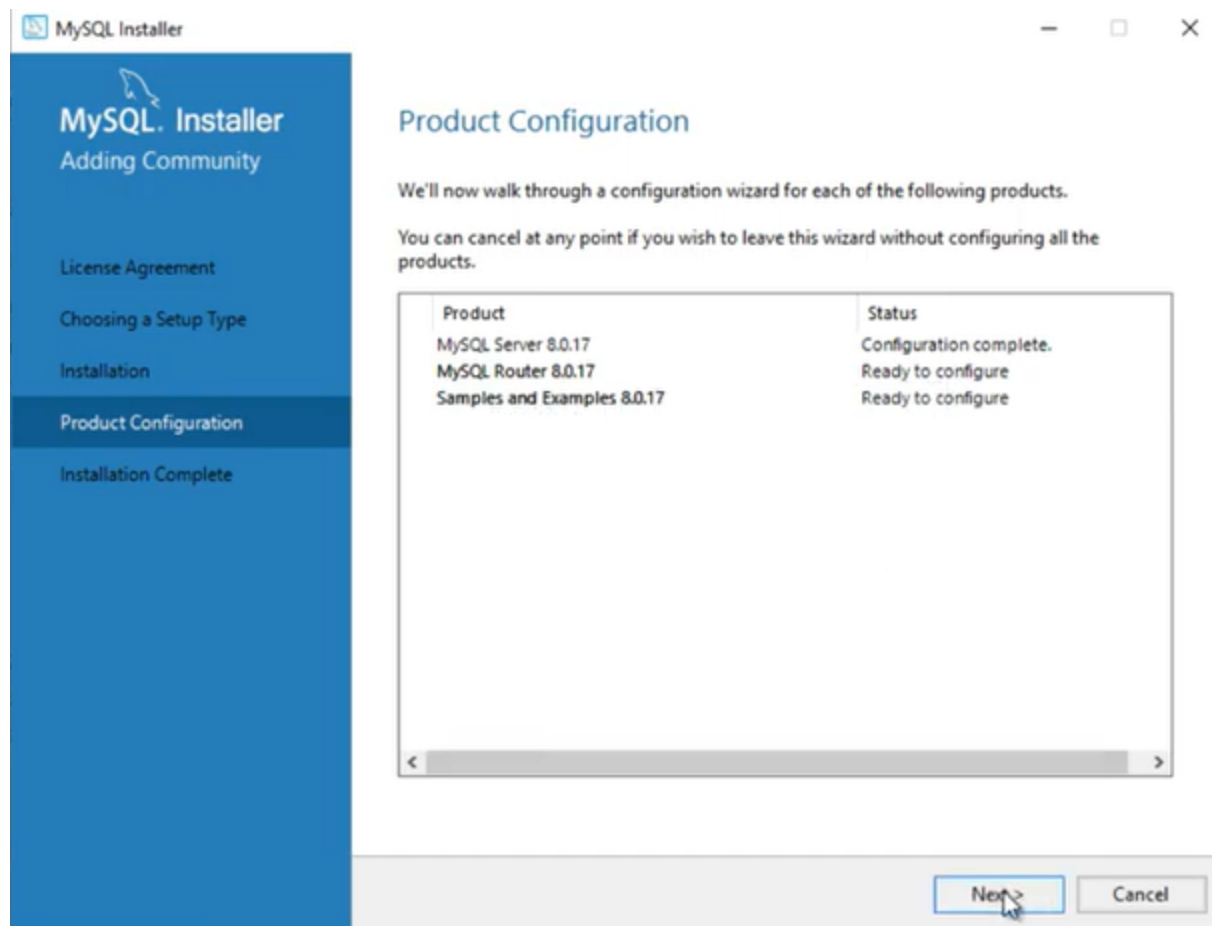
**Passo 23:** Clique com o botão esquerdo do mouse no botão Execute.



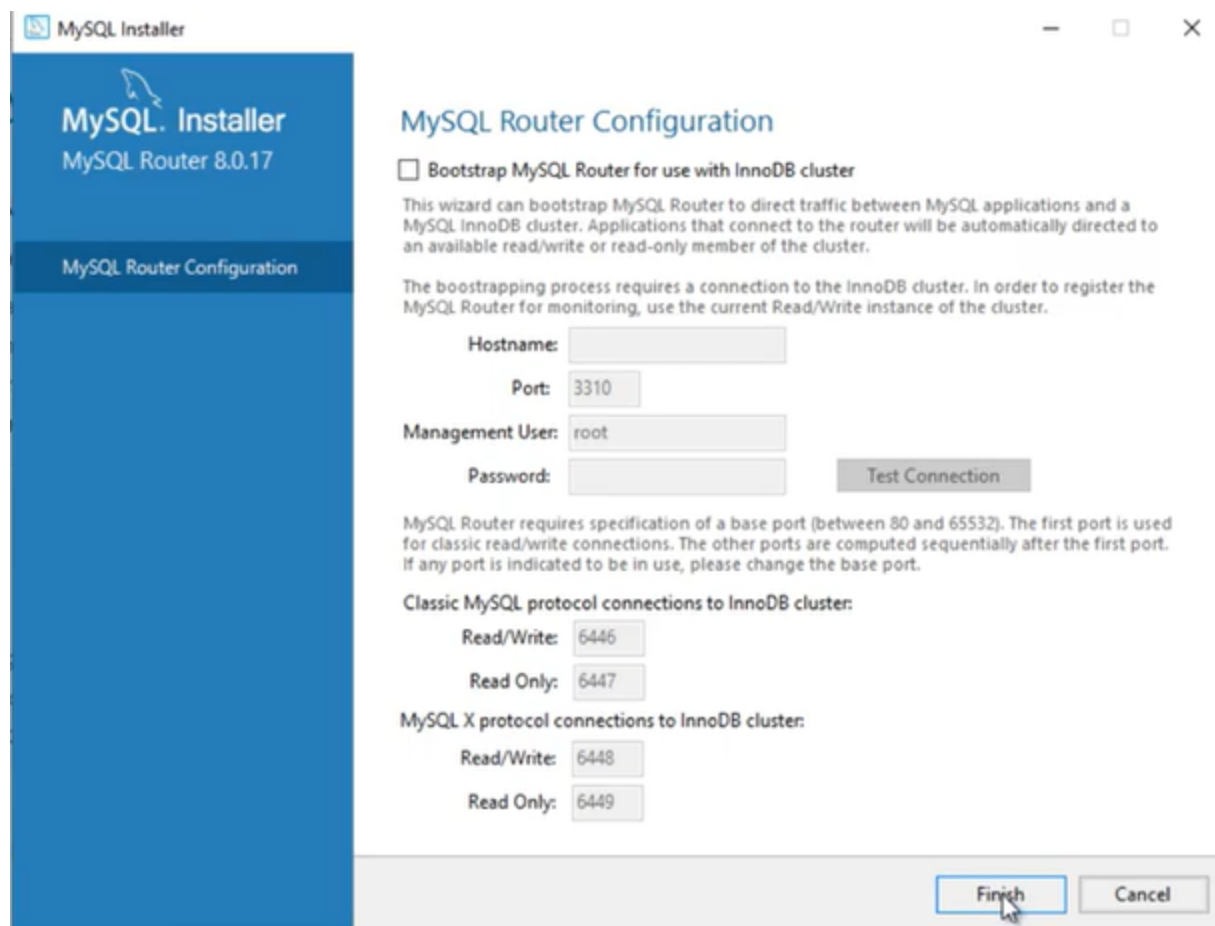
**Passo 24:** Clique com o botão esquerdo do mouse no botão Finish.



**Passo 25:** Clique com o botão esquerdo do mouse no botão Next.

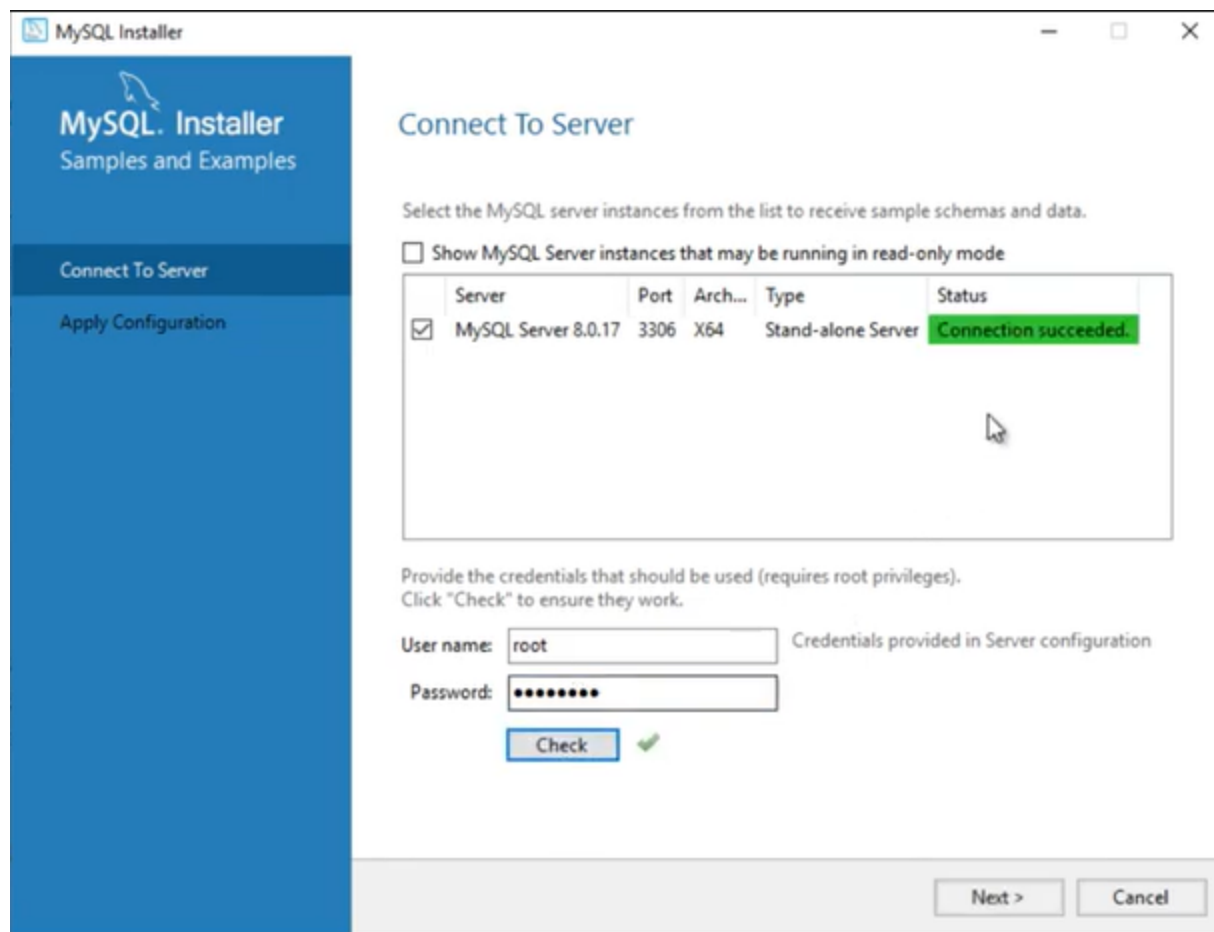


**Passo 26:** Clique com o botão esquerdo do mouse no botão Finish.

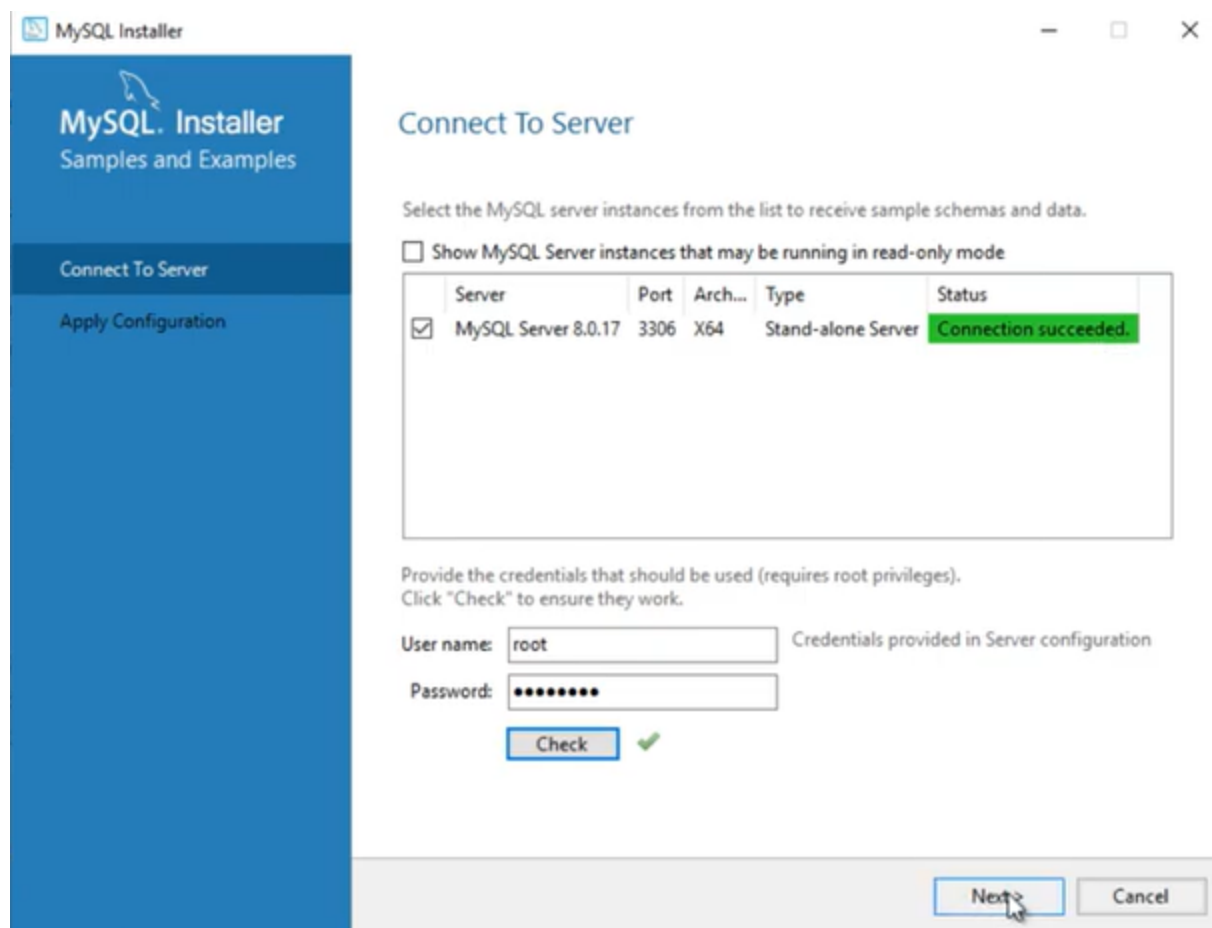




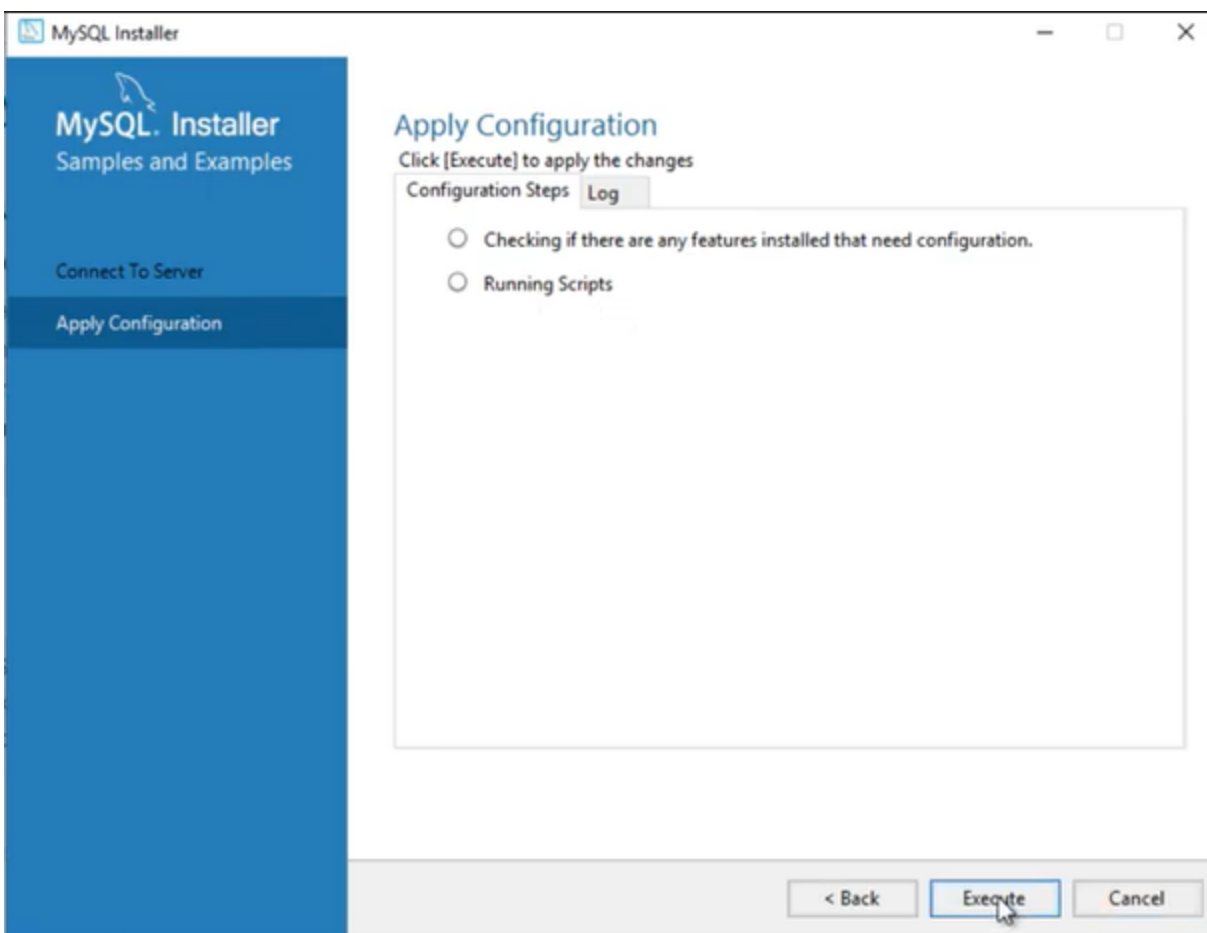
**Passo 27:** Digite no campo Password a senha configurada anteriormente e em seguida clique com o botão esquerdo do mouse no botão Check, deverá aparecer Connection succeeded.



**Passo 28:** Clique com o botão esquerdo do mouse no botão Next.



**Passo 29:** Clique com o botão esquerdo do mouse no botão Execute.



**Passo 30:** Clique com o botão esquerdo do mouse no botão Finish.

