

Linguagem de Programação de Banco de Dados

Linguagem de Programação de Banco de Dados

Carlos Arruda Baltazar

UNIP – Cidade Universitária

- Primeiramente iremos instalar o MySQL Community. Os passos abaixo devem ser seguidos:
 - Acessar o site: <https://www.mysql.com/>;
 - Clicar na aba Downloads;
 - Descer a página e clicar em MySQL Community (GPL) Downloads;
 - Selecionar MySQL Community Server for Windows.
 - Selecionar Windows (x86, 32-bit), MSI Installer.

MySQL Database Service

with HeatWave for Real-time Analytics

Faster Performance

- 400x MySQL query acceleration
- 1100x Faster than Amazon Aurora
- 2.7x Faster than Amazon Redshift

Try Now >

Lower Total Cost of Ownership

- 1/3 the Cost of Amazon RDS
- 1/3 the Cost of Amazon Redshift
- Easy migration from Amazon RDS

Free Webinars

HeatWave in Depth: Machine Learning-based Automation – MySQL AutoPilot
Wednesday, August 18, 2021

Introduction to MySQL Operator for Kubernetes
Thursday, August 19, 2021

MySQL Virtual Hands-on Lab Sessions | ASEAN - Lab 1: Run Your Analytics with Astonishing Performances Leveraging HeatWave
Thursday, August 19, 2021

[More »](#)

Contact Sales

USA: +1-866-221-0634
Canada: +1-866-221-0634

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 »](#)

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

ORACLE © 2021, Oracle Corporation and/or its affiliates

[Legal Policies](#) | [Your Privacy Rights](#) | [Terms of Use](#) | [Trademark Policy](#) | [Contributor Agreement](#) | [Preferências de Cookies](#)

MySQL Community Downloads

MySQL Installer


General Availability (GA) Releases Archives

MySQL Installer 8.0.26

Select Operating System:
Microsoft Windows

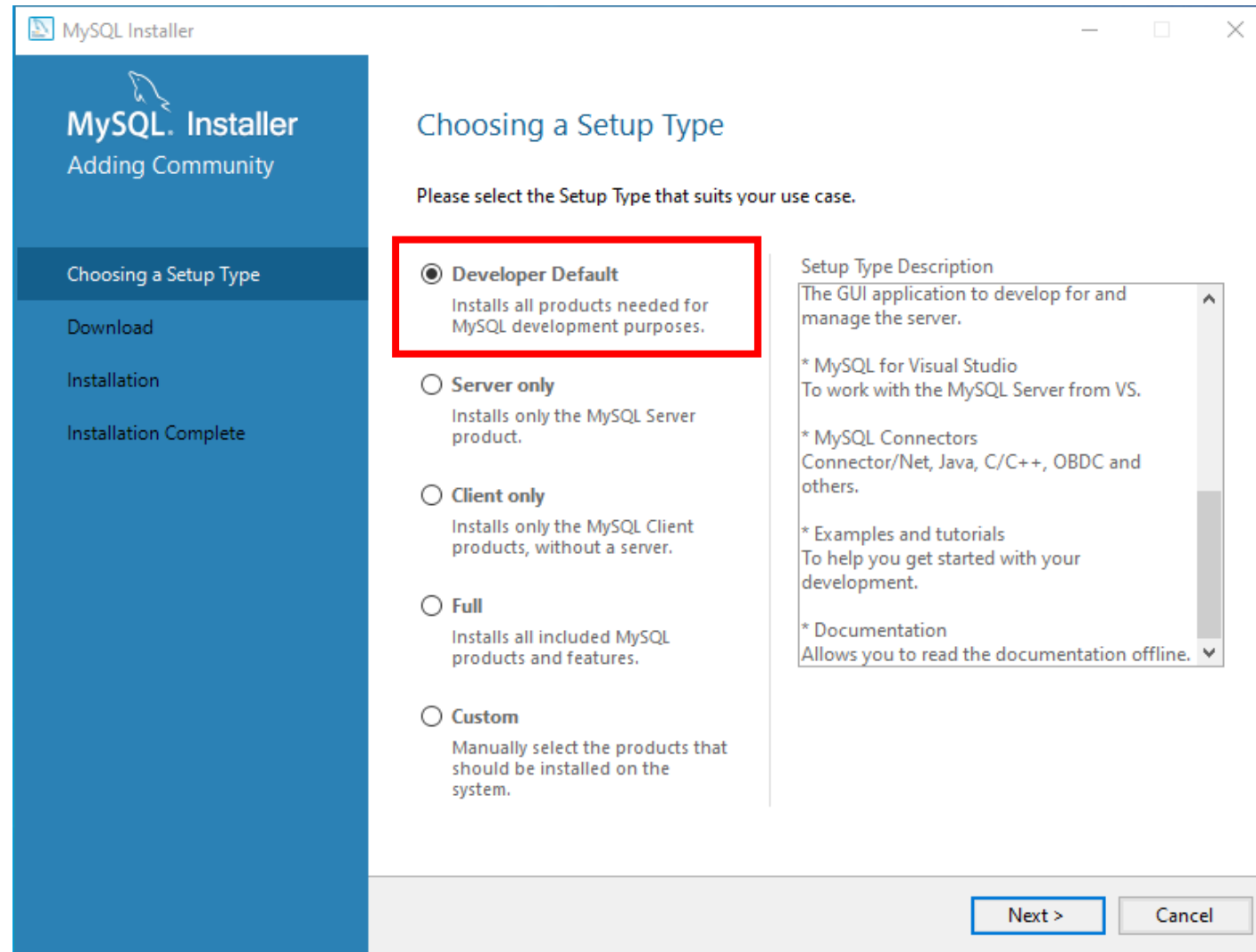
[Looking for previous GA versions?](#)

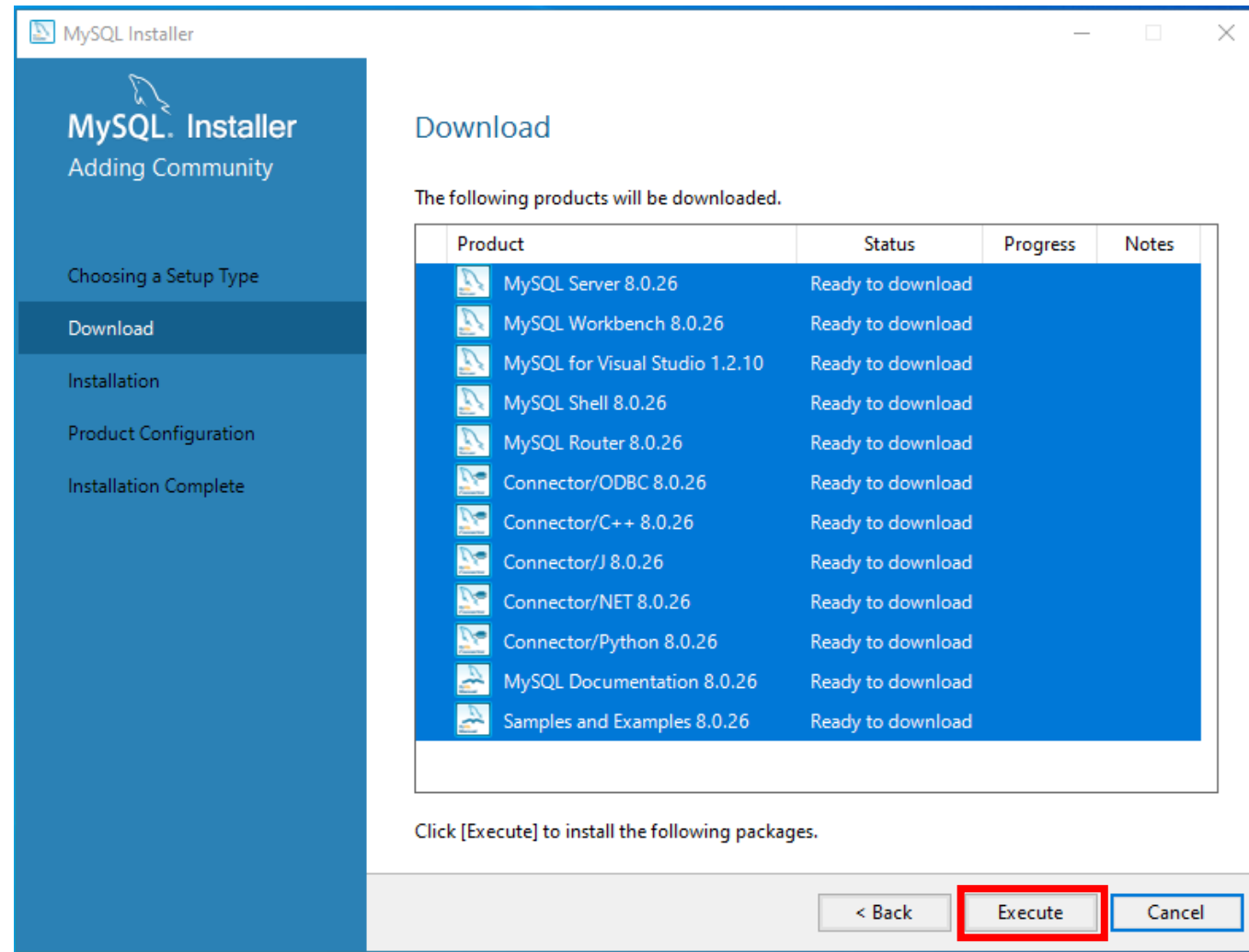
Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.26.0.msi)	8.0.26	2.4M	Download
MD5: eaddc383a742775a5b33a3783a4890fb Signature			
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.26.0.msi)	8.0.26	450.7M	Download
MD5: b5b8e6bc39f2b163b817264ae206b815 Signature			

 We suggest that you use the [MD5 checksums](#) and [GnuPG signatures](#) to verify the integrity of the packages you download.

 © 2021, Oracle Corporation and/or its affiliates

Legal Policies | Your Privacy Rights | Terms of Use | Trademark Policy | Contributor Agreement | Preferências de Cookies





MySQL Installer

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 8.0.26	Ready to Install		
 MySQL Workbench 8.0.26	Ready to Install		
 MySQL for Visual Studio 1.2.10	Ready to Install		
 MySQL Shell 8.0.26	Ready to Install		
 MySQL Router 8.0.26	Ready to Install		
 Connector/ODBC 8.0.26	Ready to Install		
 Connector/C++ 8.0.26	Ready to Install		
 Connector/J 8.0.26	Ready to Install		
 Connector/NET 8.0.26	Ready to Install		
 Connector/Python 8.0.26	Ready to Install		
 MySQL Documentation 8.0.26	Ready to Install		
 Samples and Examples 8.0.26	Ready to Install		

Click [Execute] to install the following packages.

< Back **Execute** Cancel

MySQL Installer

MySQL Server 8.0.26

Type and Networking

Authentication Method

Accounts and Roles

Windows Service

Apply Configuration

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: Development Computer

Connectivity

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

☒ TCP/IP Port: 3306 X Protocol Port: 33060

☒ Open Windows Firewall ports for network access

☐ Named Pipe Pipe Name: MYSQL

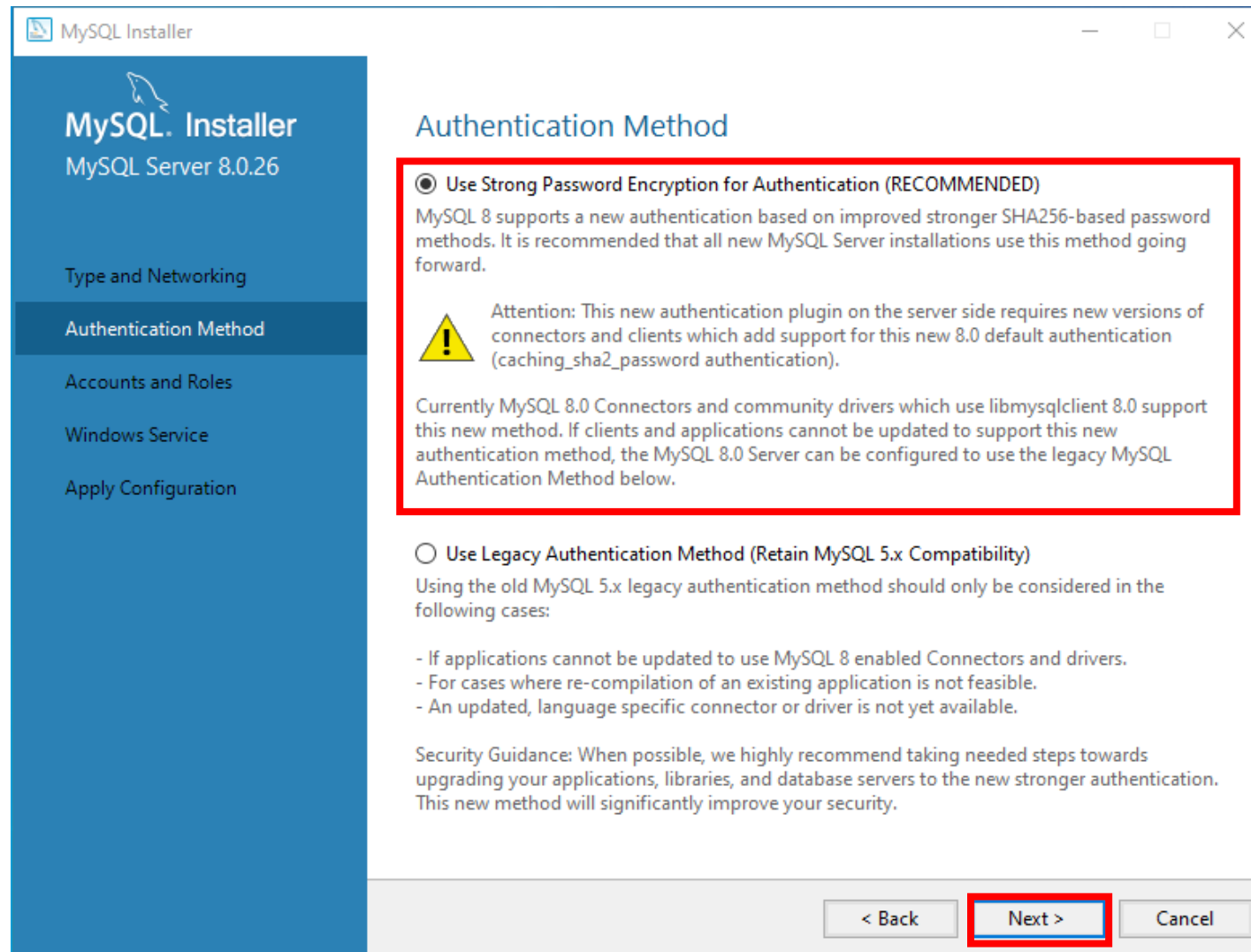
☐ Shared Memory Memory Name: MYSQL

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



MySQL Installer

MySQL. Installer
MySQL Server 8.0.26

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: **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

MySQL Installer

MySQL. Installer
MySQL Server 8.0.26

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:

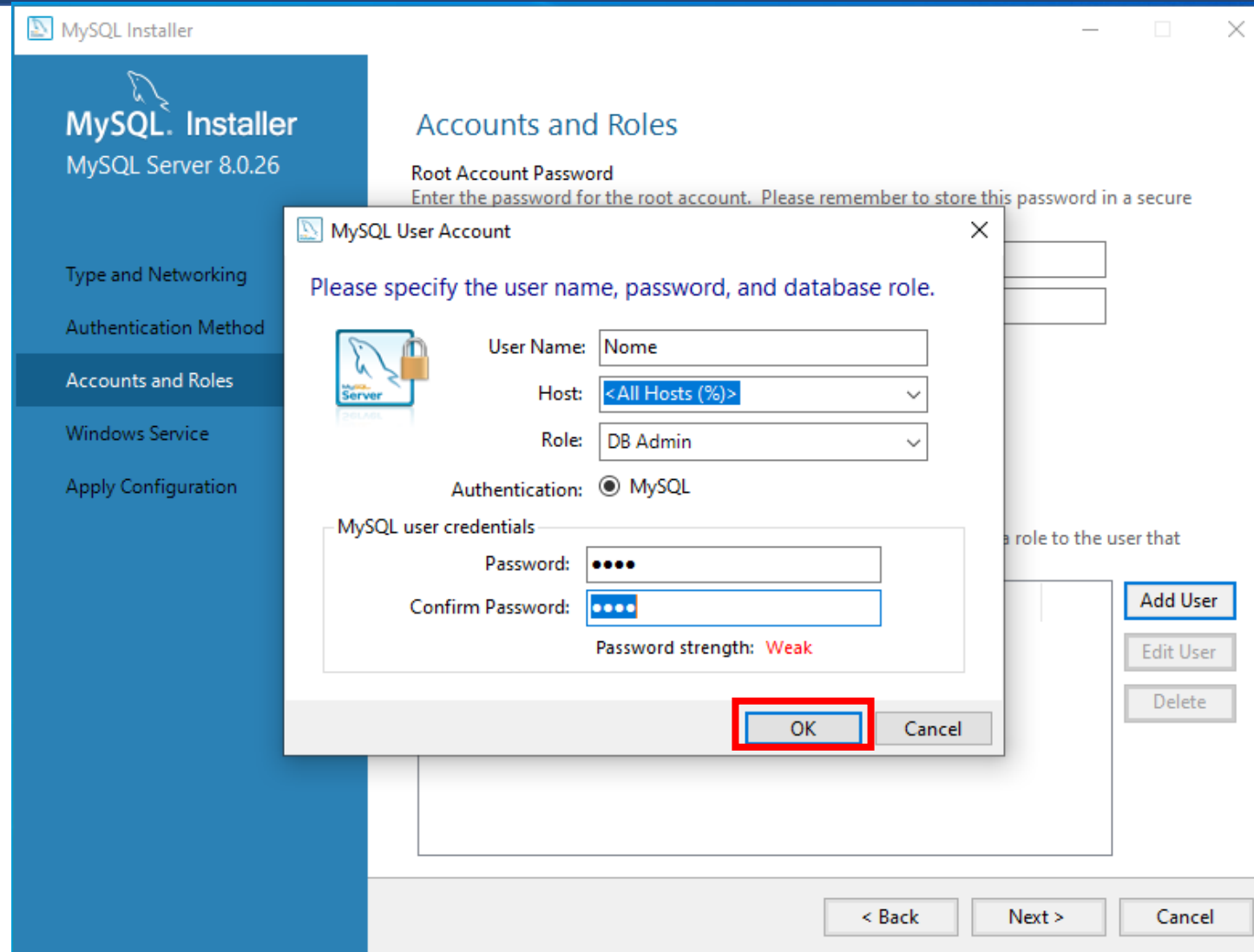
Password strength: **Weak**

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



The screenshot shows the MySQL Installer window at the 'Accounts and Roles' step. A dialog box titled 'MySQL User Account' is open, prompting the user to specify the user name, password, and database role. The dialog box contains the following fields and options:

- User Name:** Nome
- Host:** <All Hosts (%)>
- Role:** DB Admin
- Authentication:** ☒ MySQL
- MySQL user credentials:**
 - Password:** [masked]
 - Confirm Password:** [masked]
 - Password strength:** Weak

The 'OK' button in the dialog box is highlighted with a red rectangle. In the background, the 'Accounts and Roles' screen shows a list of users with buttons for 'Add User', 'Edit User', and 'Delete'. The main installer window has a sidebar with the following steps: Type and Networking, Authentication Method, Accounts and Roles (selected), Windows Service, and Apply Configuration. At the bottom of the main window are '< Back', 'Next >', and 'Cancel' buttons.

MySQL Installer

MySQL Server 8.0.26

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: **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.

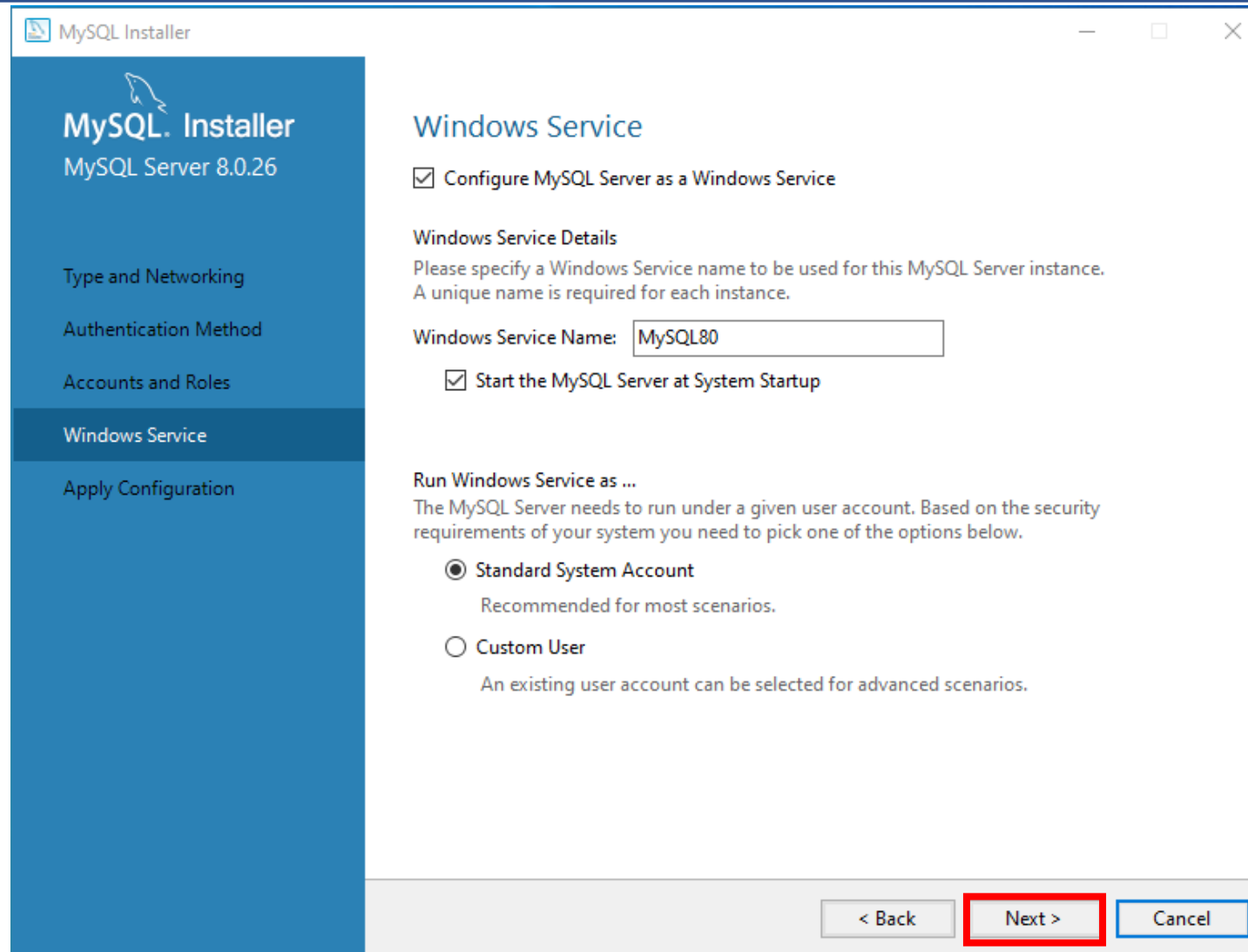
MySQL User Name	Host	User Role
 Carlos	%	DB Admin

[Add User](#)

[Edit User](#)

[Delete](#)

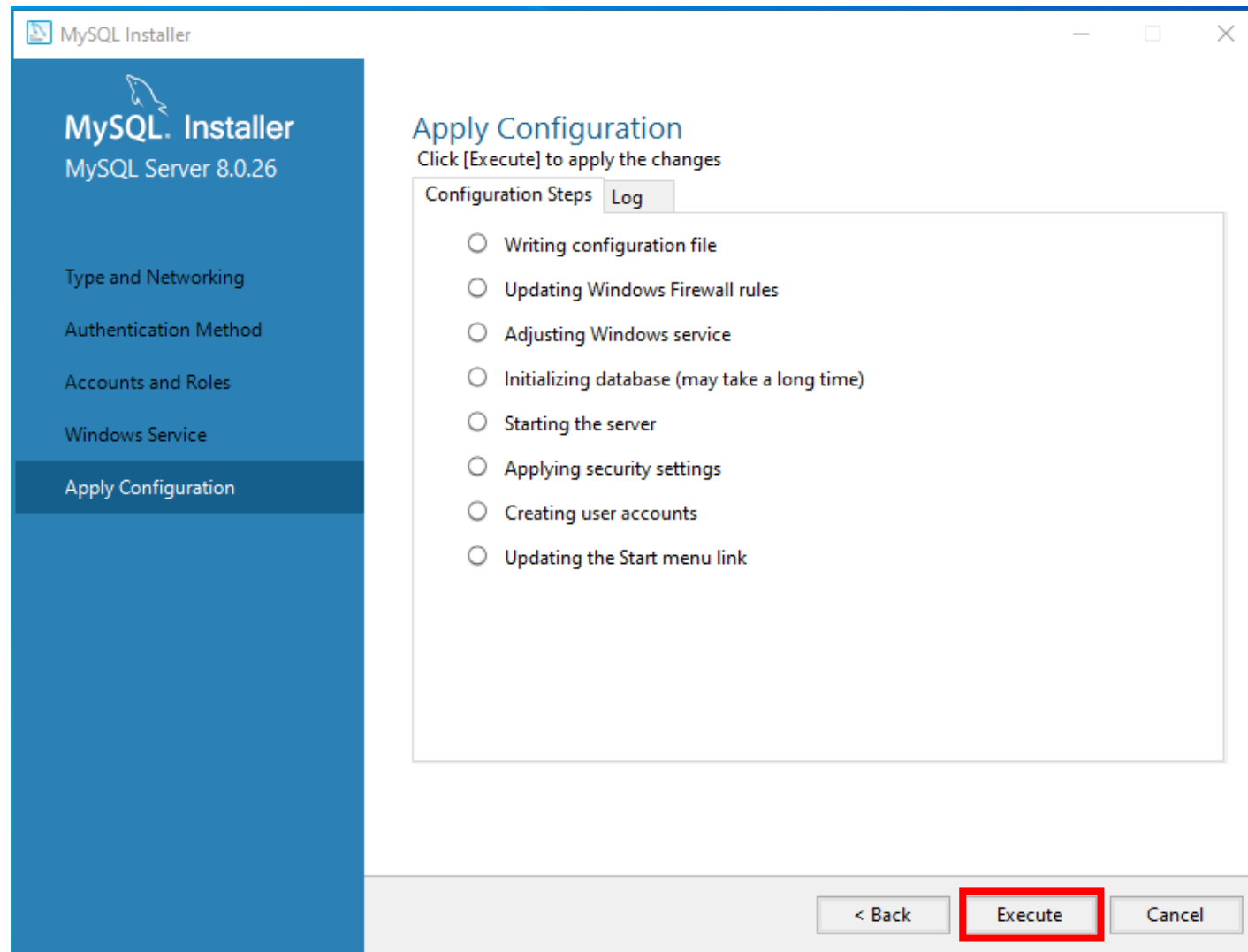
[< Back](#) [Next >](#) [Cancel](#)

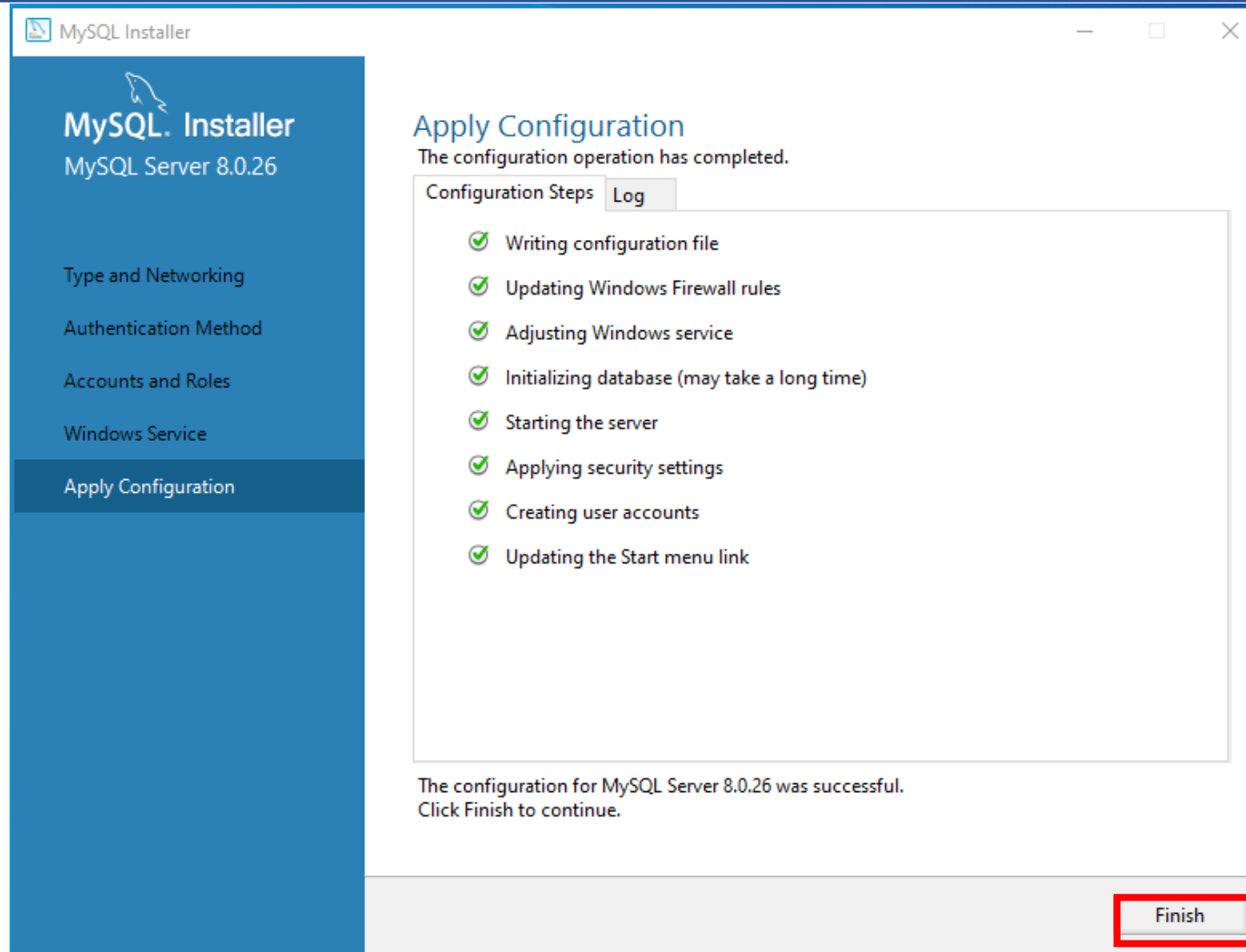


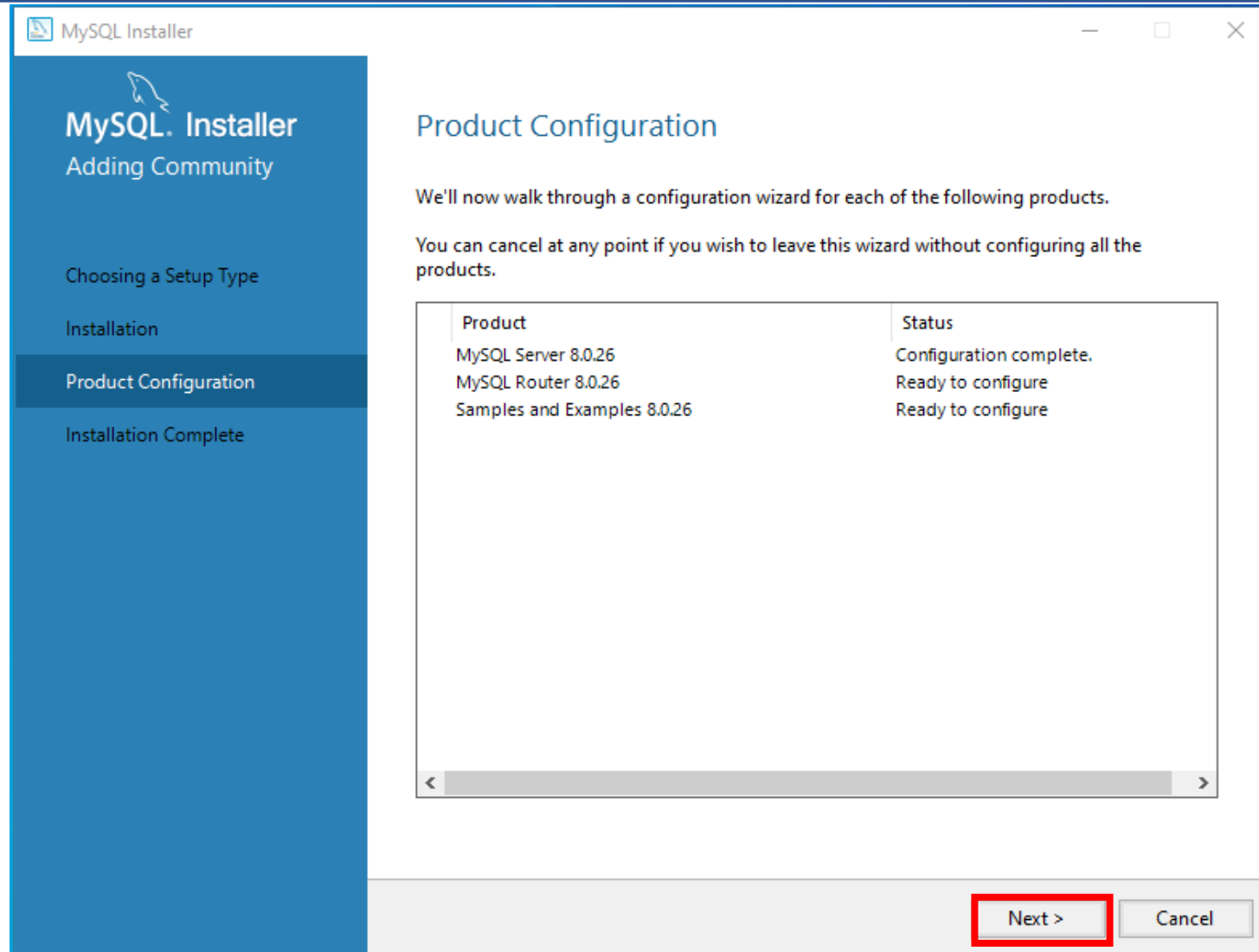
The image shows the MySQL Installer window for Windows Service configuration. The left sidebar contains the following steps: MySQL Installer, MySQL Server 8.0.26, Type and Networking, Authentication Method, Accounts and Roles, Windows Service (selected), and Apply Configuration. The main content area is titled 'Windows Service' and includes 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 >' (highlighted with a red rectangle), and 'Cancel'.







MySQL Installer

MySQL Router 8.0.26


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:  Host name or IP address is required.

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:

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.

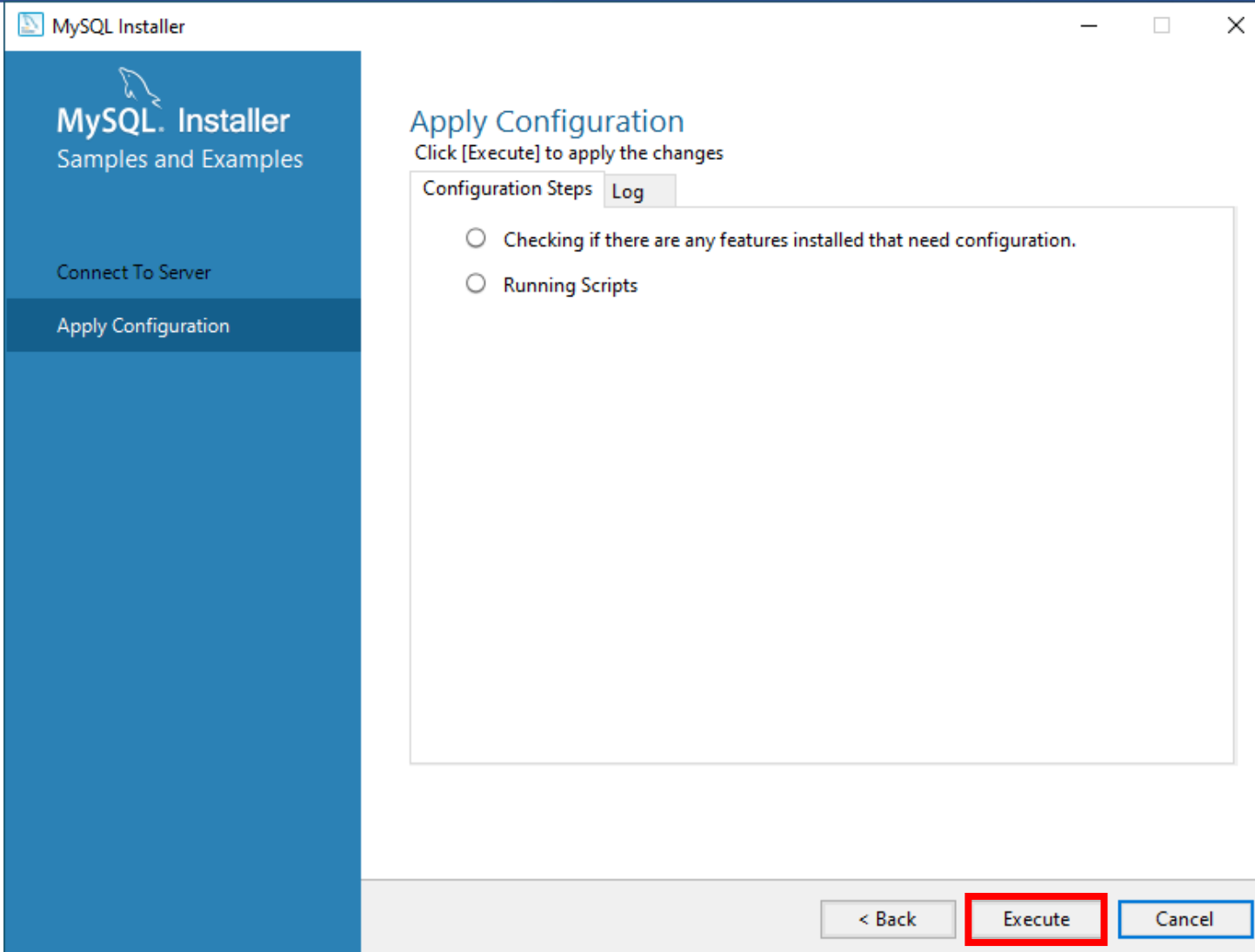
	Server	Port	Arch...	Type	Status
<input checked="" type="checkbox"/>	MySQL Server 8.0.26	3306	X64	Stand-alone Server	Connection succeeded.

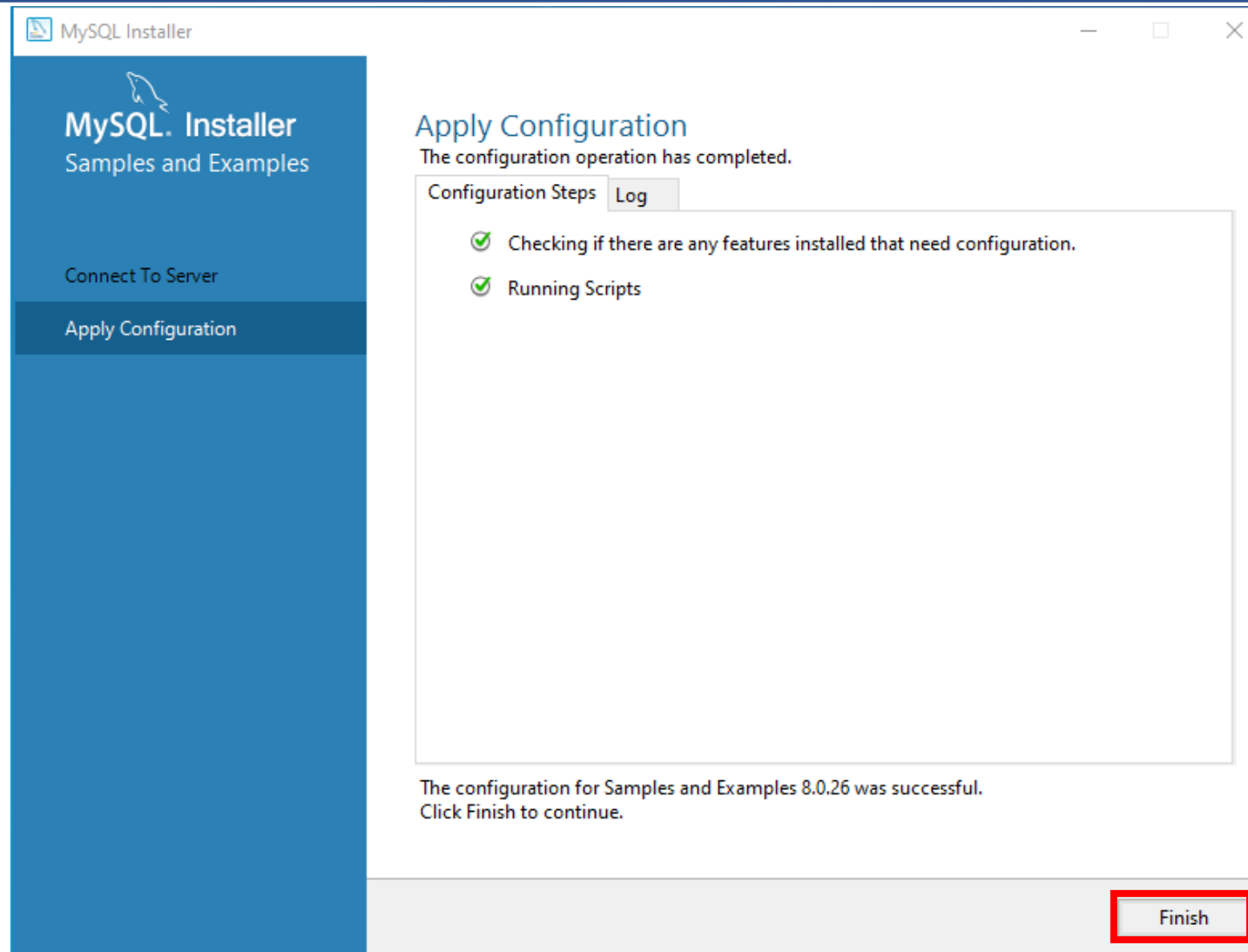
Provide the credentials that should be used (requires root privileges).
Click "Check" to ensure they work.

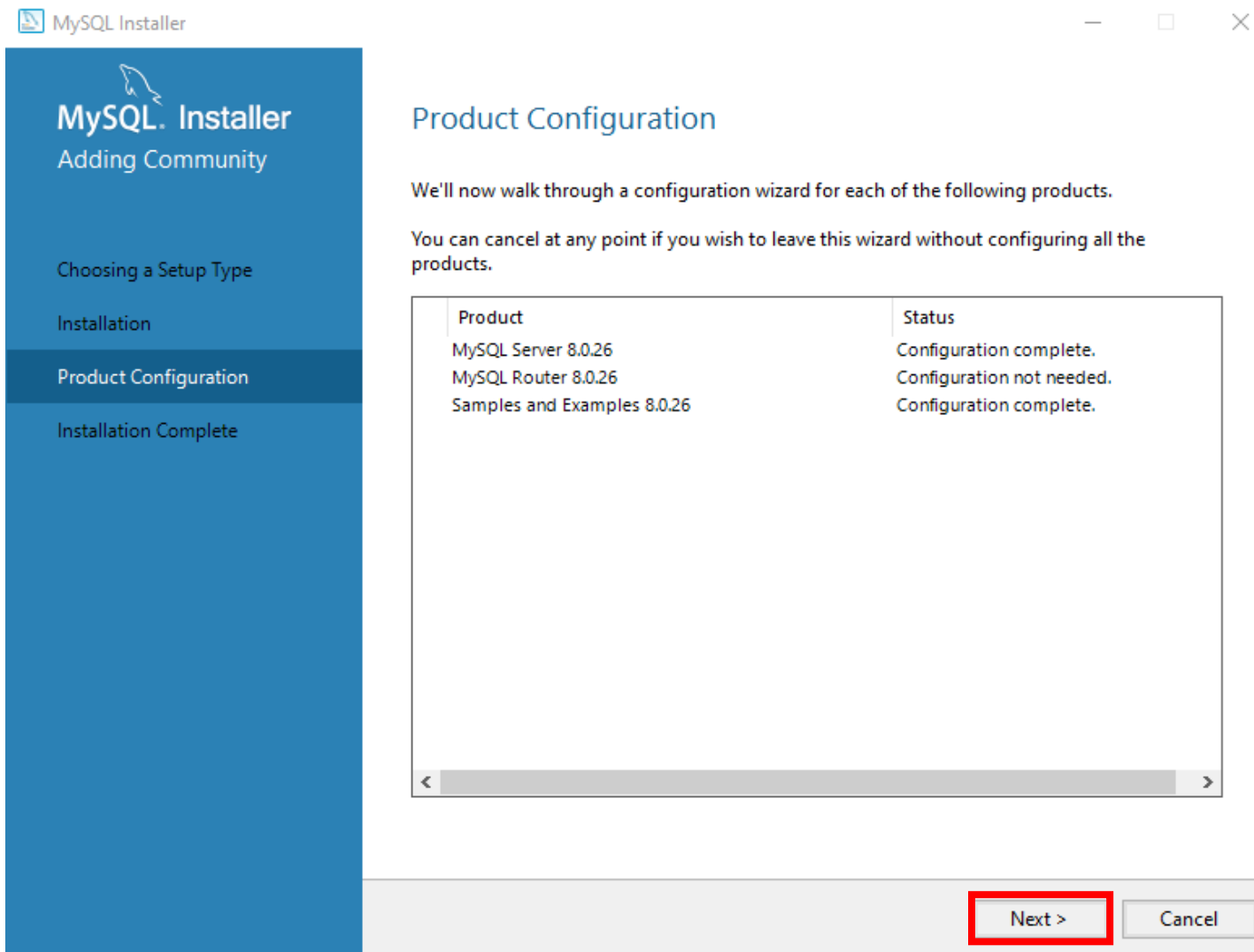
User name: Credentials provided in Server configuration

Password:

✓







MySQL Installer

MySQL. Installer
Adding Community

Choosing a Setup Type

Installation

Product Configuration

Installation Complete

Installation Complete


The installation procedure has been completed.

[Copy Log to Clipboard](#)

☒ Start MySQL Workbench after setup

☒ Start MySQL Shell after setup

The MySQL Shell is an advanced MySQL client application that can be used to work with single MySQL Server instances. Further, it can be used to create and manage an InnoDB cluster, an integrated solution for high availability and scalability of MySQL databases, without requiring advanced MySQL expertise.



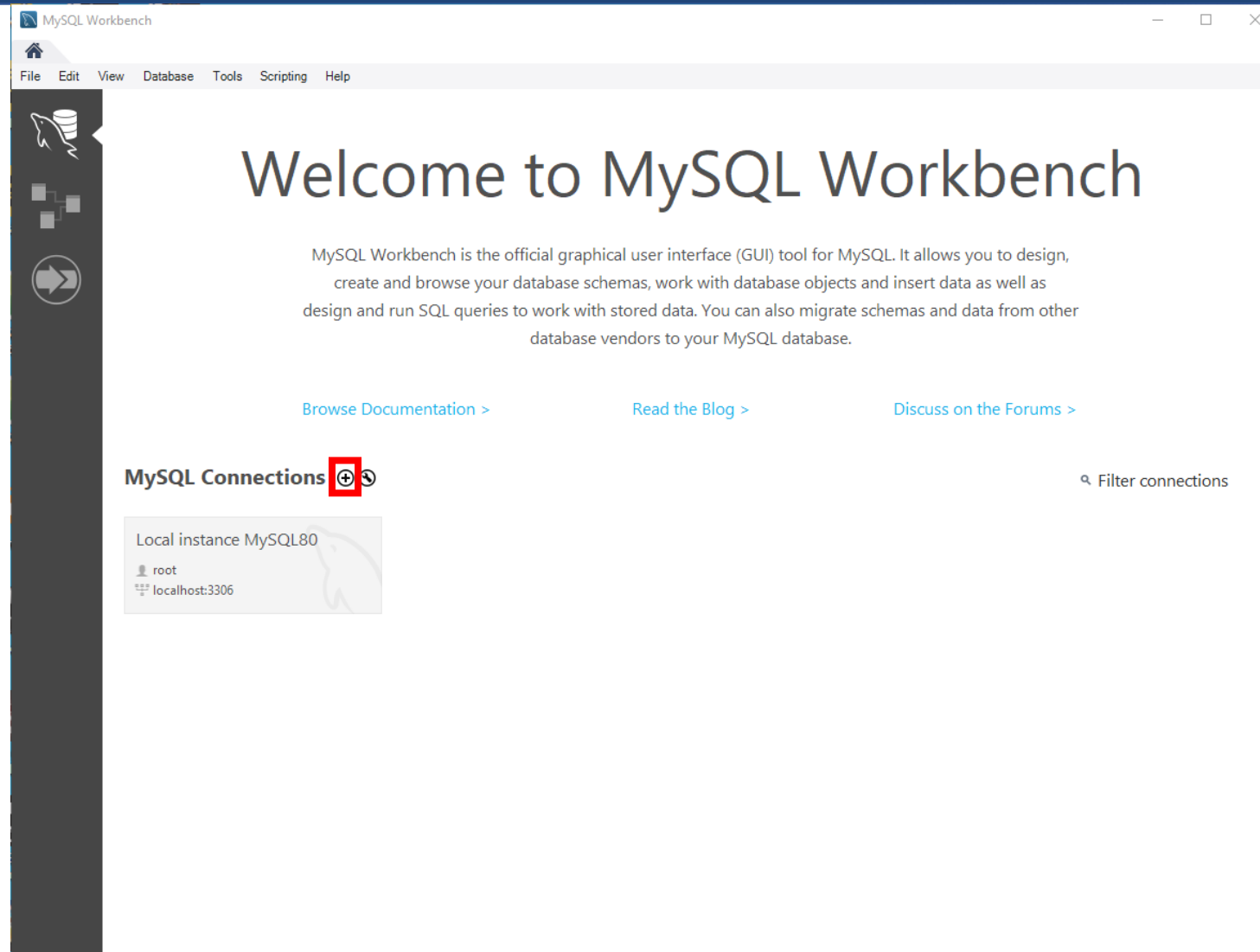
Refer to the following links for documentation, tutorials and examples on MySQL Shell:

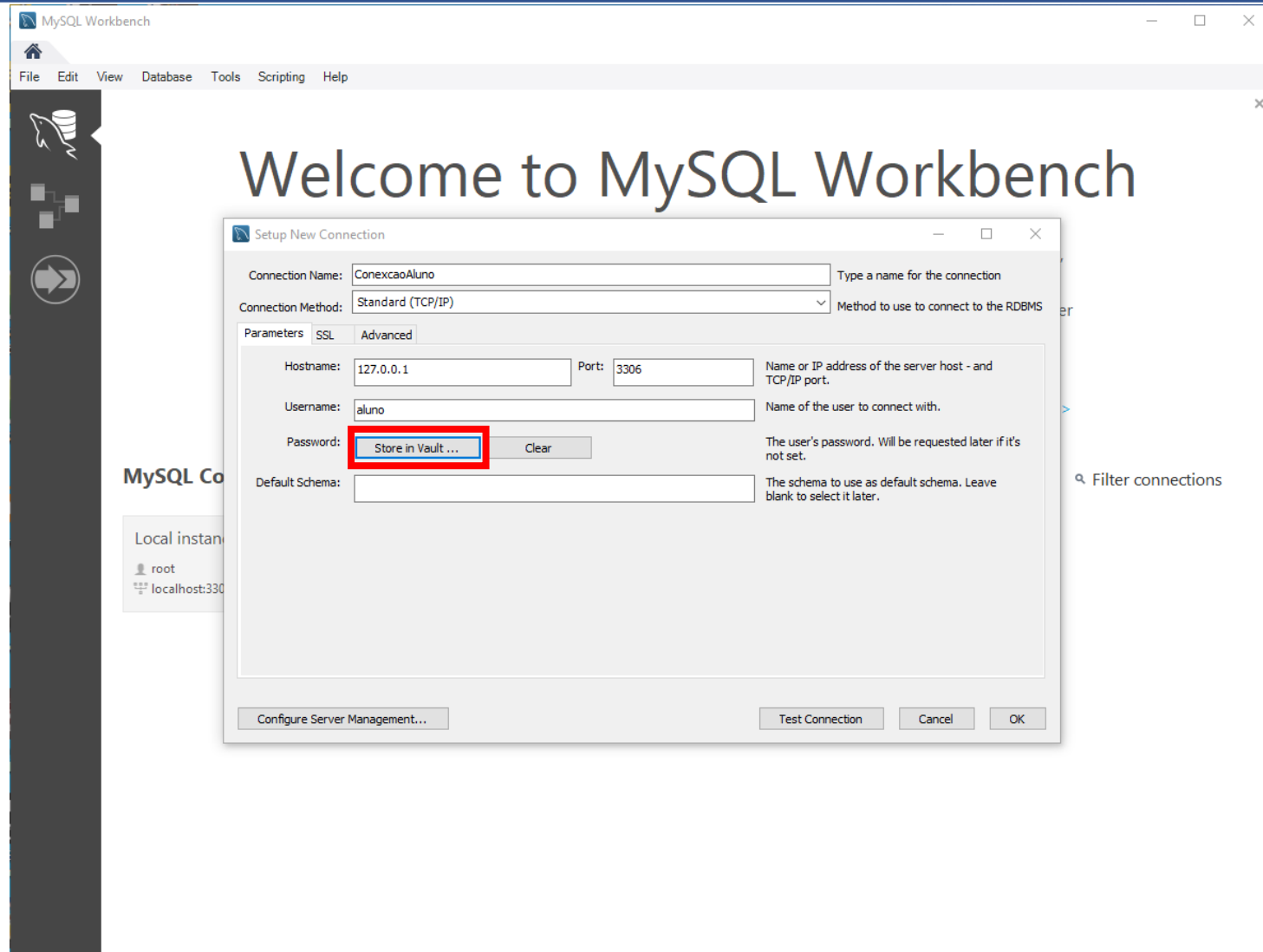
[MySQL Shell Documentation](#) [Setting up a Real World Cluster Blog](#)

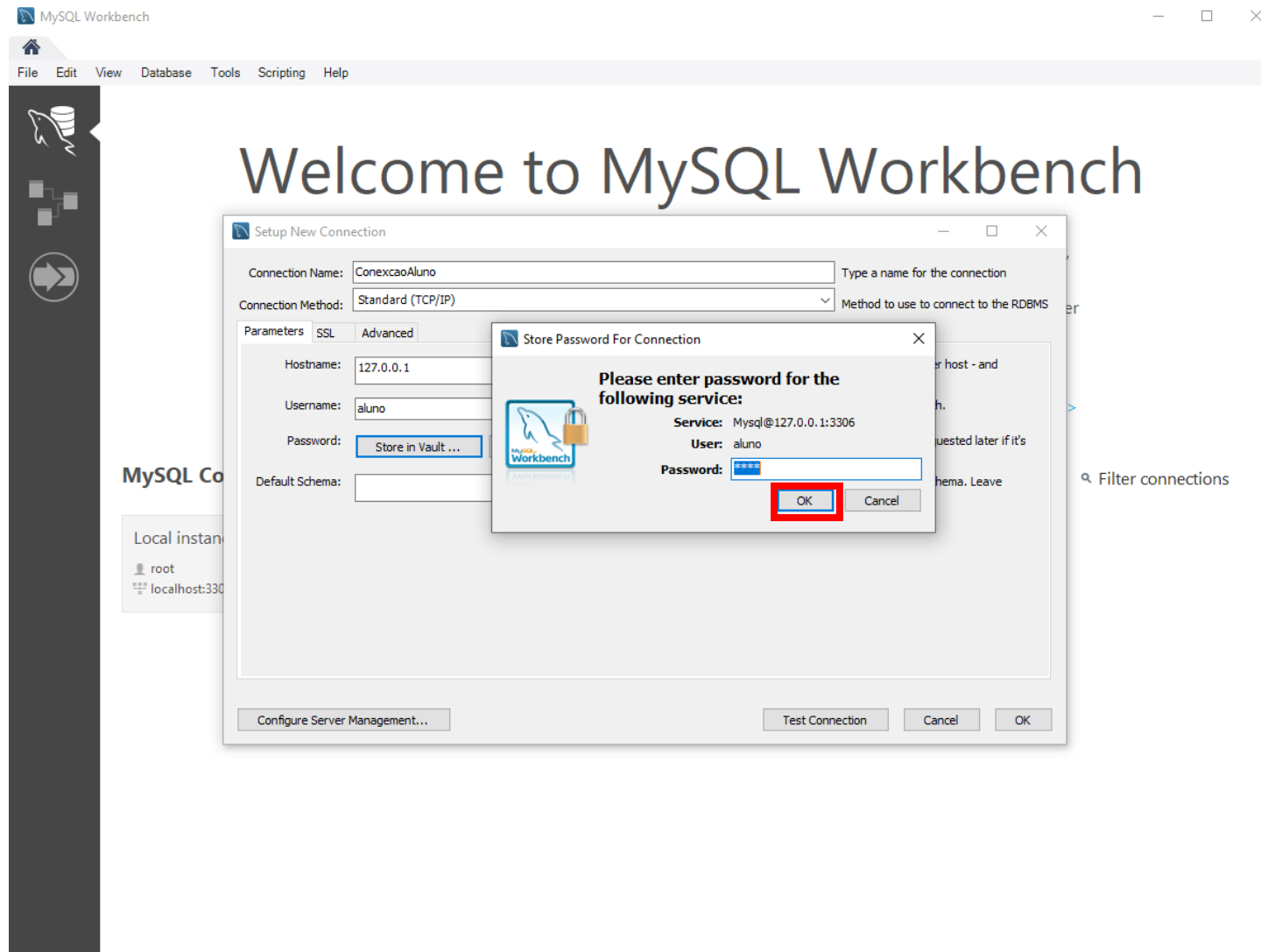
[The All New MySQL InnoDB ReplicaSet Blog](#) [Changing Cluster Options Live Blog](#)

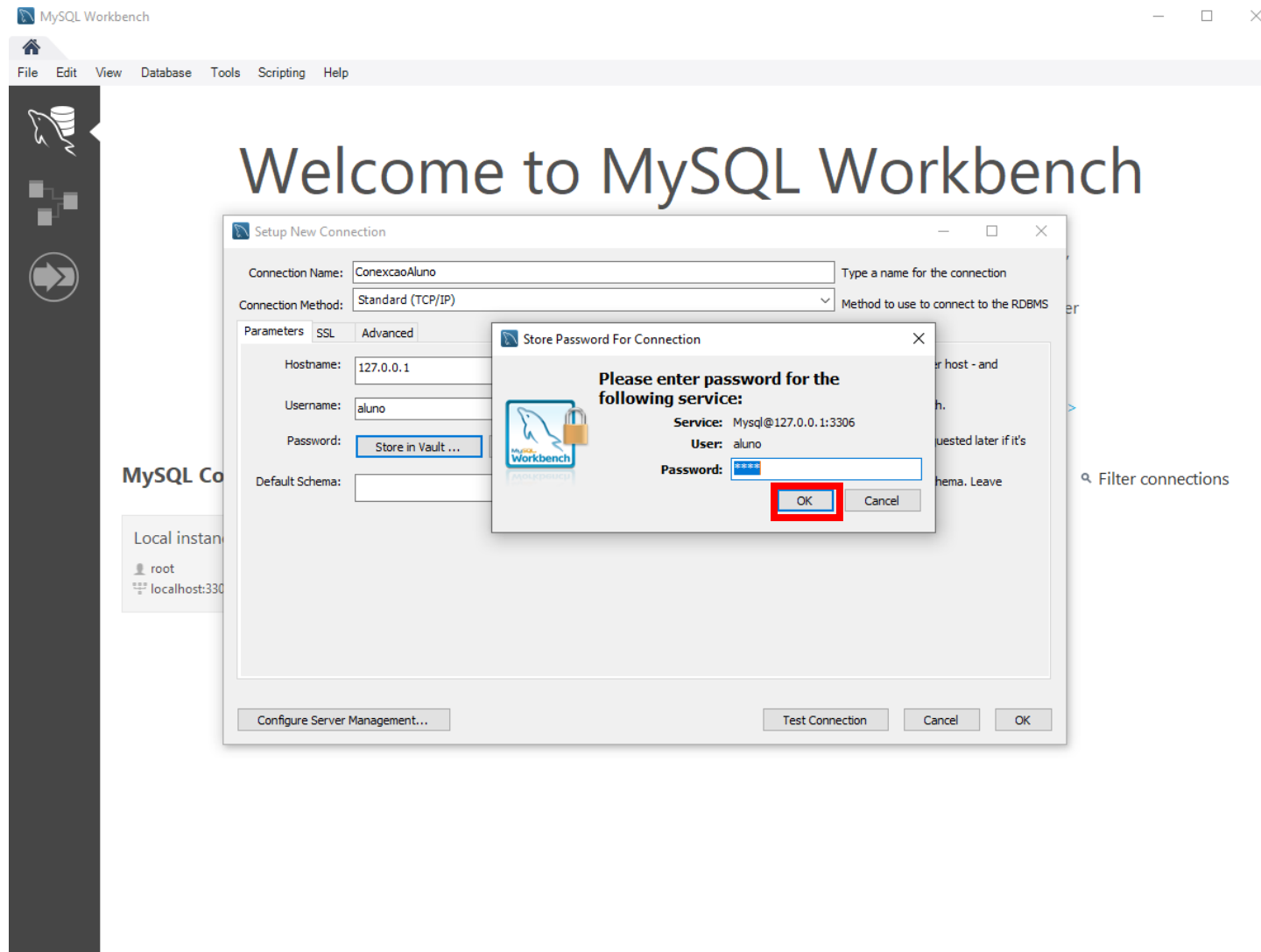
[Finish](#)

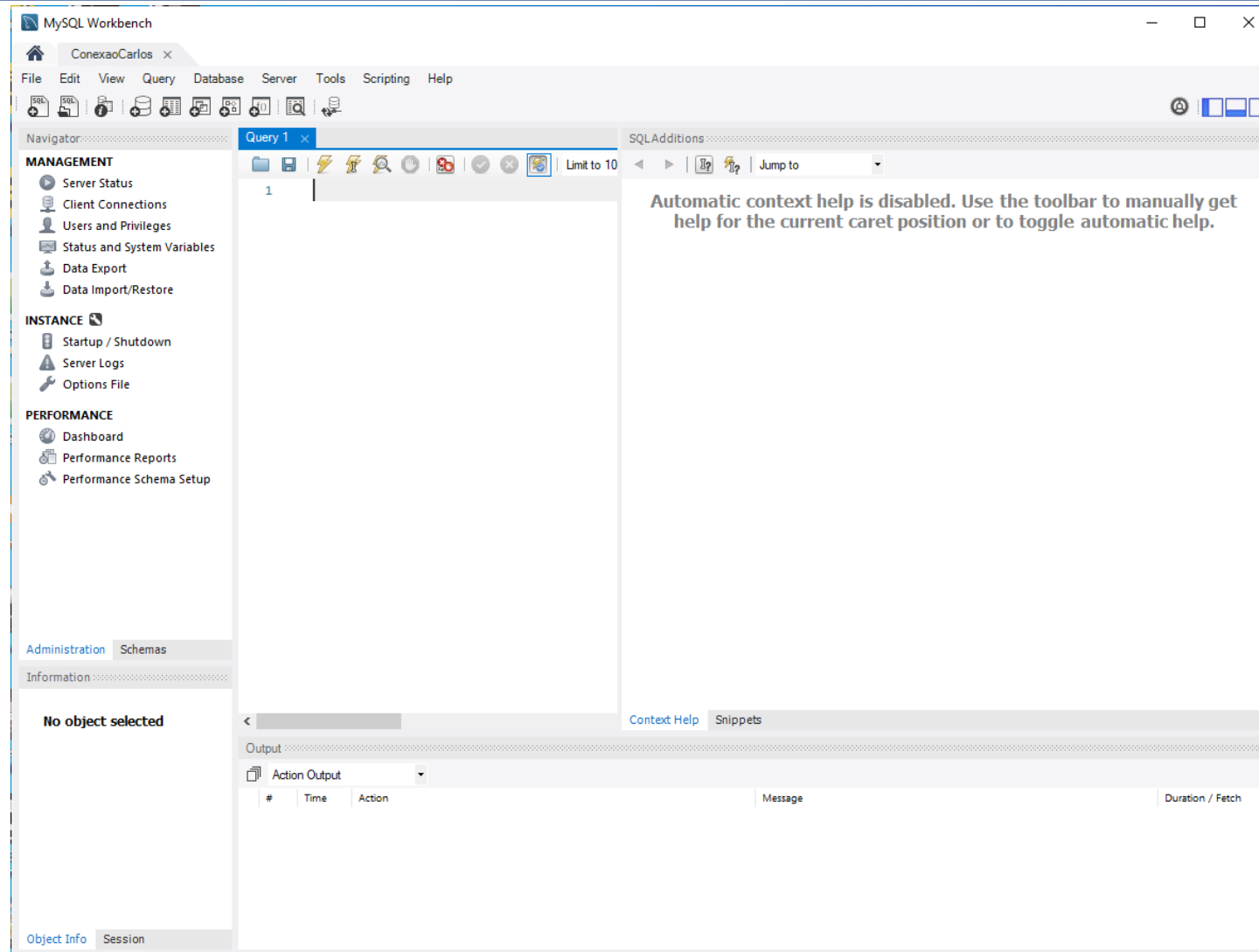
Agora que o MySQL Community Server e o MySQL Workbench estão instalados, vamos iniciar o Workbench











OBRIGADO