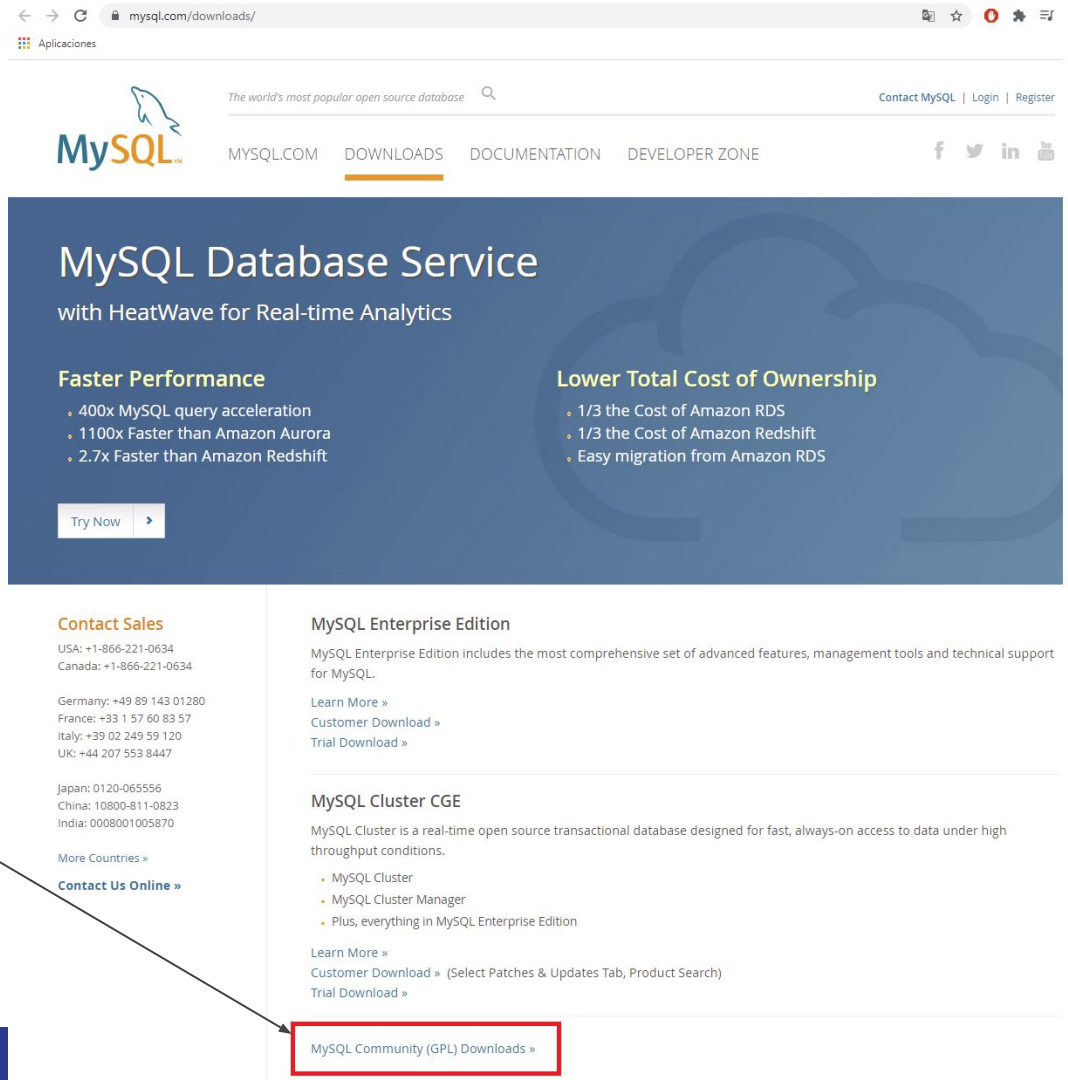
# MySQL

Unidad 7

# Instalación

https://www.mysql.com/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

# MySQL Community Downloads

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:**


**Windows (x86, 32 & 64-bit), MySQL Installer MSI** — Go to Download Page >

**Other Downloads:**

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

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

# MySQL Community Downloads

MySQL Installer

General Availability (GA) Releases | Archives

## MySQL Installer 8.0.23

Select Operating System:

Microsoft Windows

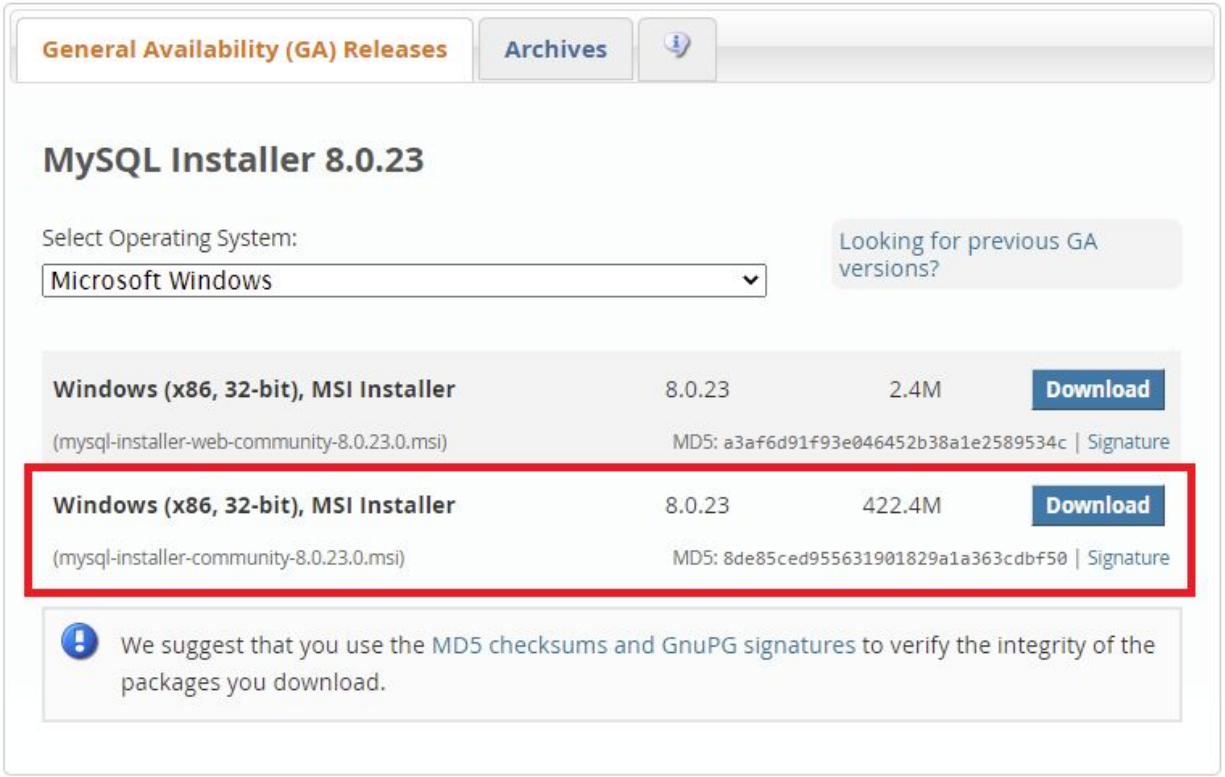
Looking for previous GA versions?

| | | | |
|---|---|---|---|
| **Windows (x86, 32-bit), MSI Installer** | 8.0.23 | 2.4M | Download |
| (mysql-installer-web-community-8.0.23.0.msi) | MD5: a3af6d91f93e046452b38a1e2589534c \| Signature | | |
| **Windows (x86, 32-bit), MSI Installer** | 8.0.23 | 422.4M | Download |
| (mysql-installer-community-8.0.23.0.msi) | MD5: 8de85ced955631901829a1a363cdbf50 \| Signature | | |

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

# MySQL Community Downloads

MySQL Installer



# MySQL Community Downloads

**Login Now or Sign Up for a free account.**

An Oracle Web Account provides you with the following advantages:

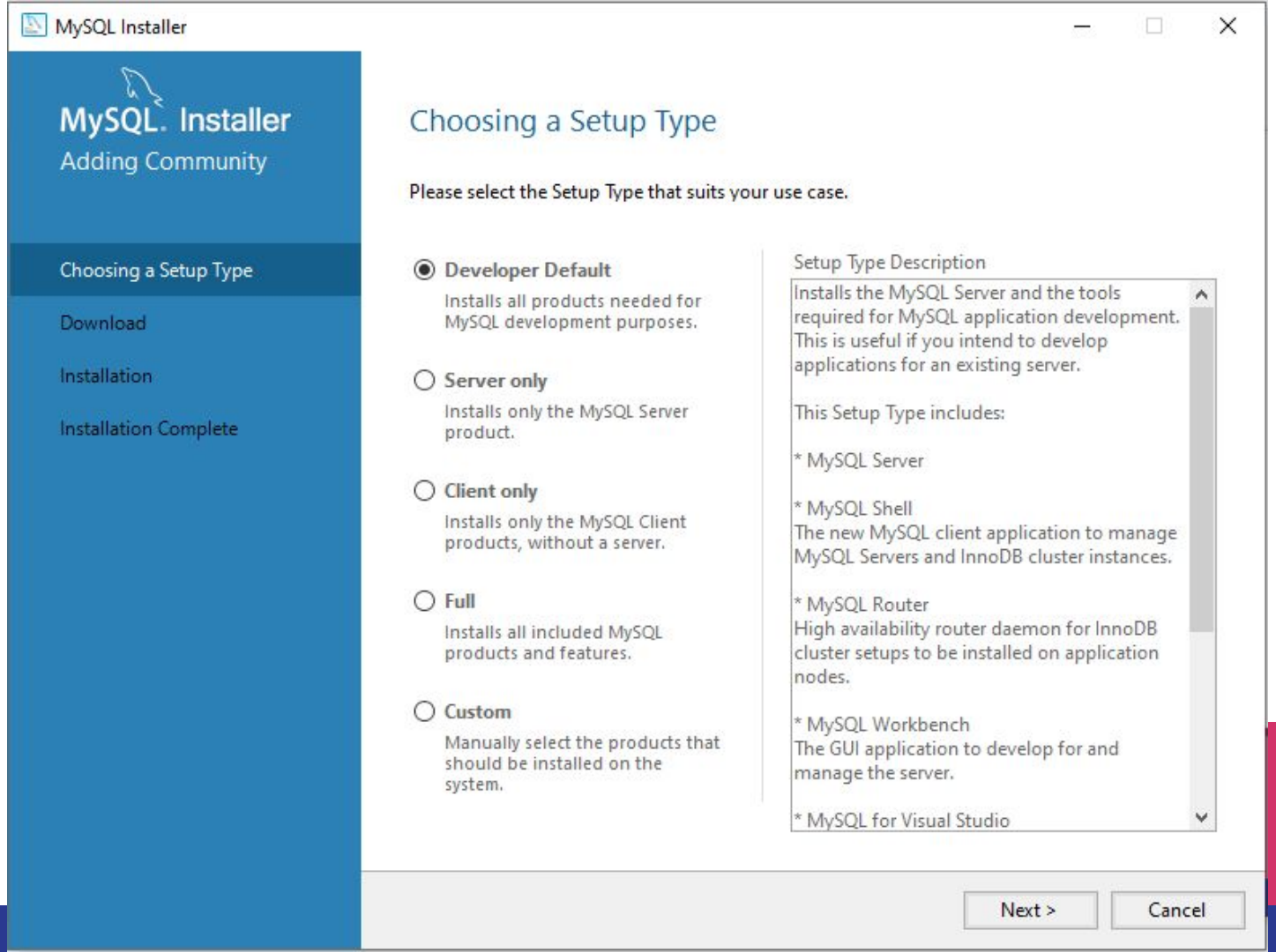
- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

**Login »**
using my Oracle Web account

**Sign Up »**
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.**


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Download
Installation
Installation Complete
Choosing a Setup Type
Please select the Setup Type that suits your use case.
Developer Default
Installs all products needed for MySQL development purposes.
Server only
Installs only the MySQL Server product.
Client only
Installs only the MySQL Client products, without a server.
Full
Installs all included MySQL products and features.
Custom
Manually select the products that should be installed on the system.
Setup Type Description
Installs the MySQL Server and the tools required for MySQL application development. This is useful if you intend to develop applications for an existing server.
This Setup Type includes:
* MySQL Server
* MySQL Shell
The new MySQL client application to manage MySQL Servers and InnoDB cluster instances.
* MySQL Router
High availability router daemon for InnoDB cluster setups to be installed on application nodes.
* MySQL Workbench
The GUI application to develop for and manage the server.
* MySQL for Visual Studio
Next >
Cancel

# Tipos de instalación

- **Developer Default**:

Opción recomendada si quieres crear un servidor para desarrollo. Instala los componentes necesarios para el desarrollo de aplicaciones:

- MySQL Server
- MySQL Shell -> Línea de comandos
- MySQL Router
- MySQL Workbench
- MySQL for Visual Studio
- MySQL Connectors (for .NET / Python / ODBC / Java / C++)
- MySQL Documentation
- MySQL Samples and Examples

# Tipos de instalación

- ***Server only***:

  Instala únicamente el servidor MySQL.

  Utiliza la instalación y las rutas de datos predeterminadas.

- ***Client only***:

  Instala únicamente las aplicaciones MySQL y los conectores MySQL más recientes. Este tipo de configuración es similar al tipo predeterminado del desarrollador, excepto que no incluye el servidor MySQL o los programas cliente que normalmente se incluyen con el servidor, como **mysql** o **mysqladmin**.

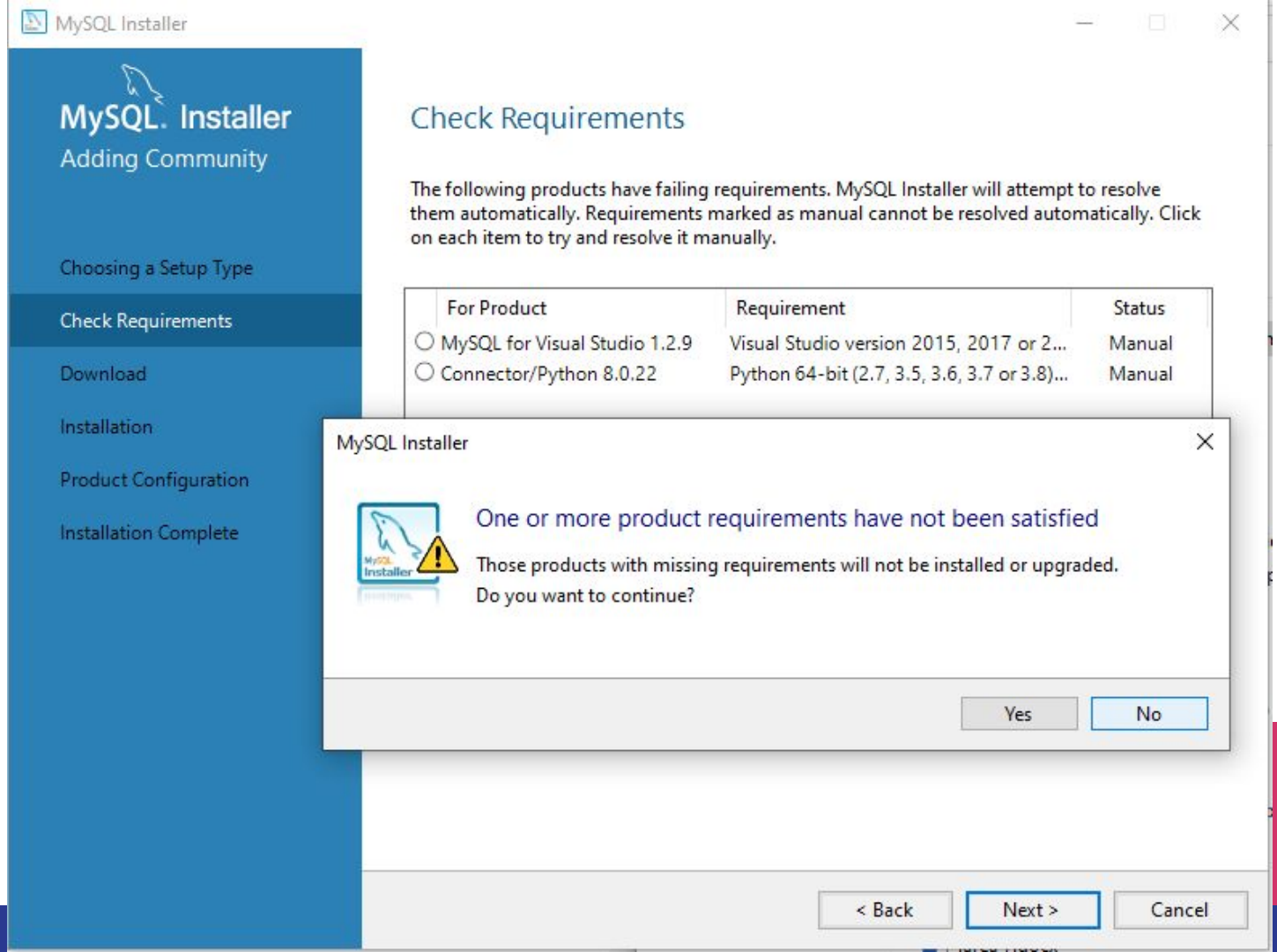
# Tipos de instalación

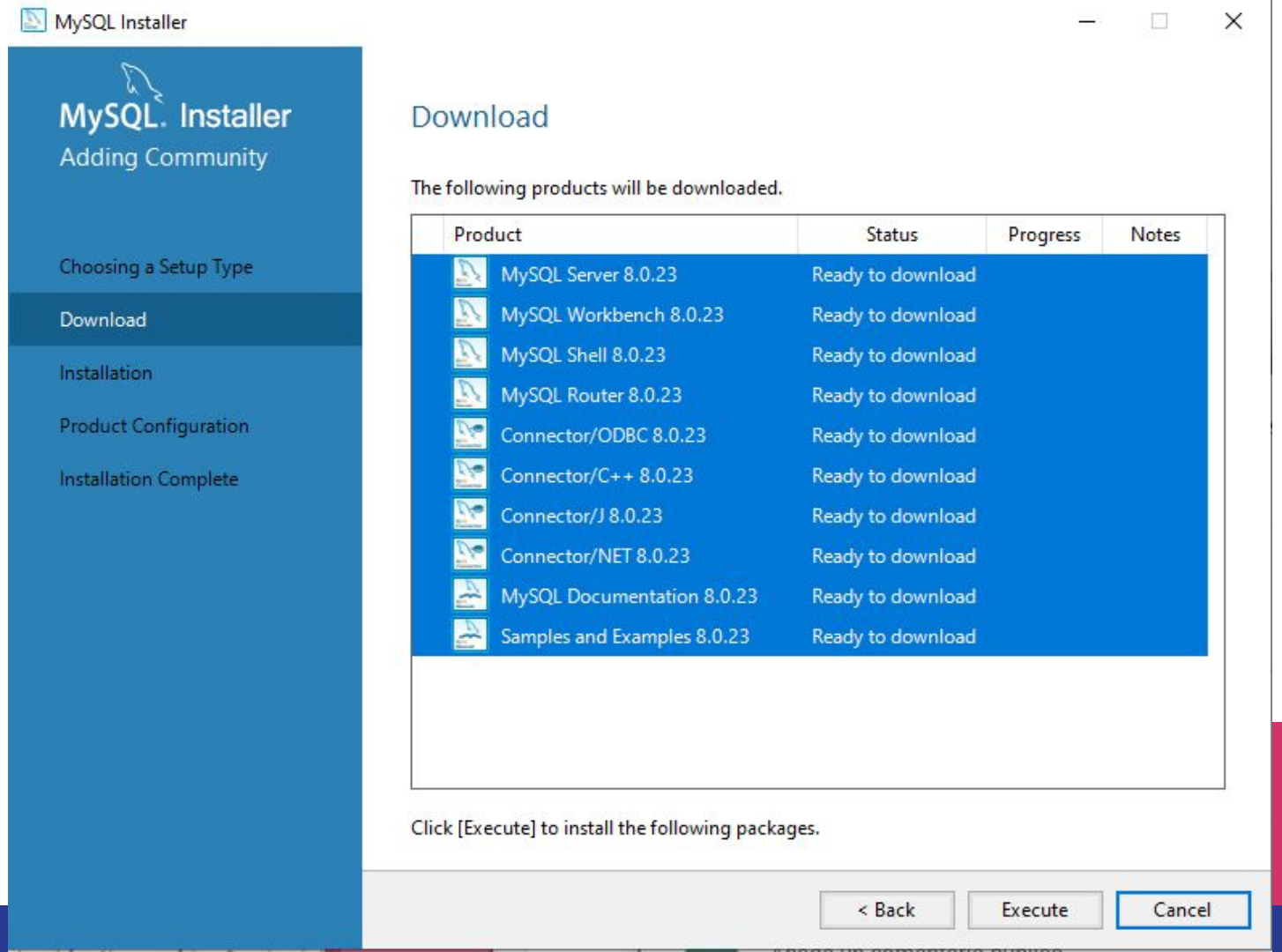
- ***Full***:

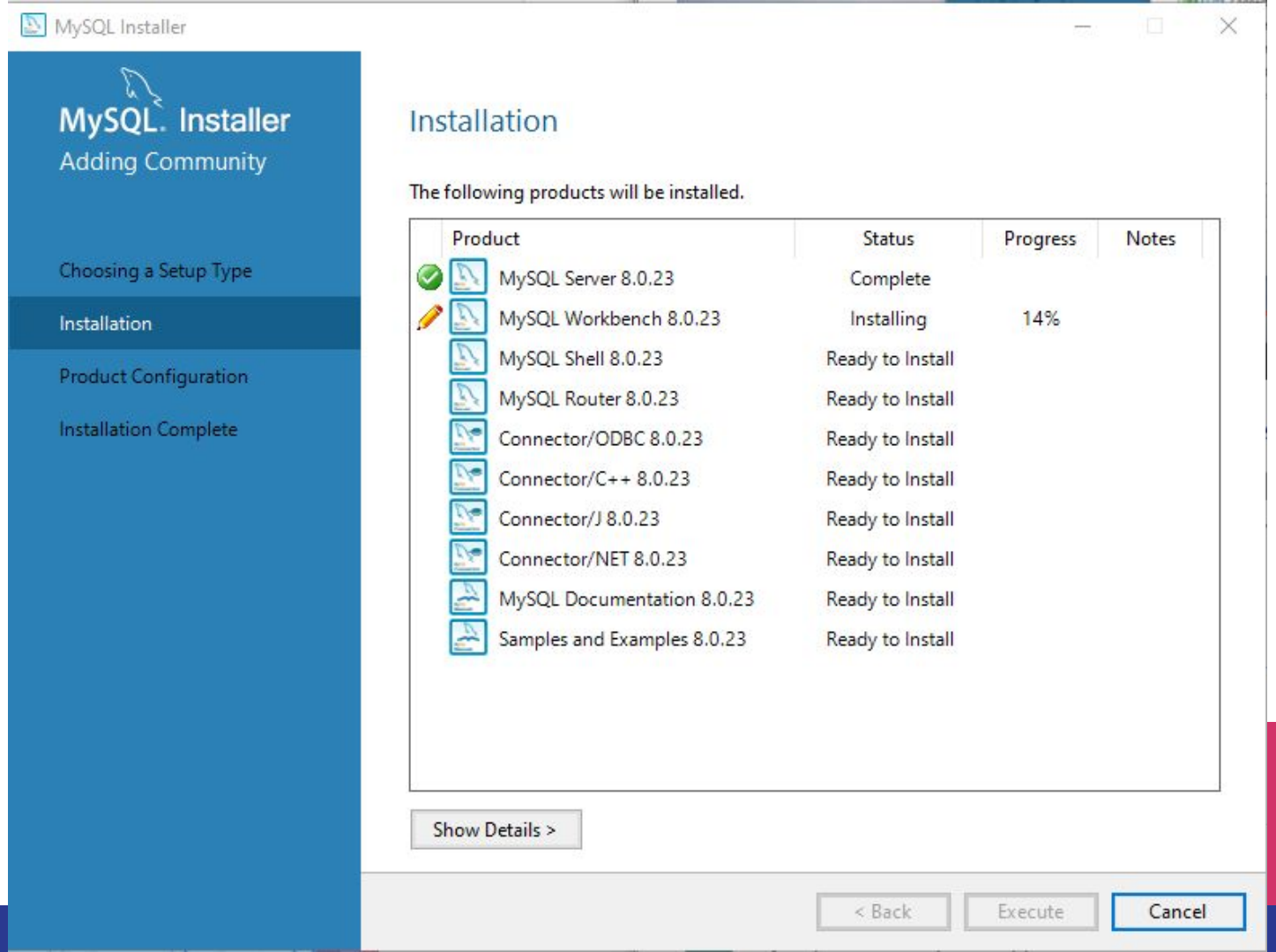
  Instala todos los productos MySQL disponibles.

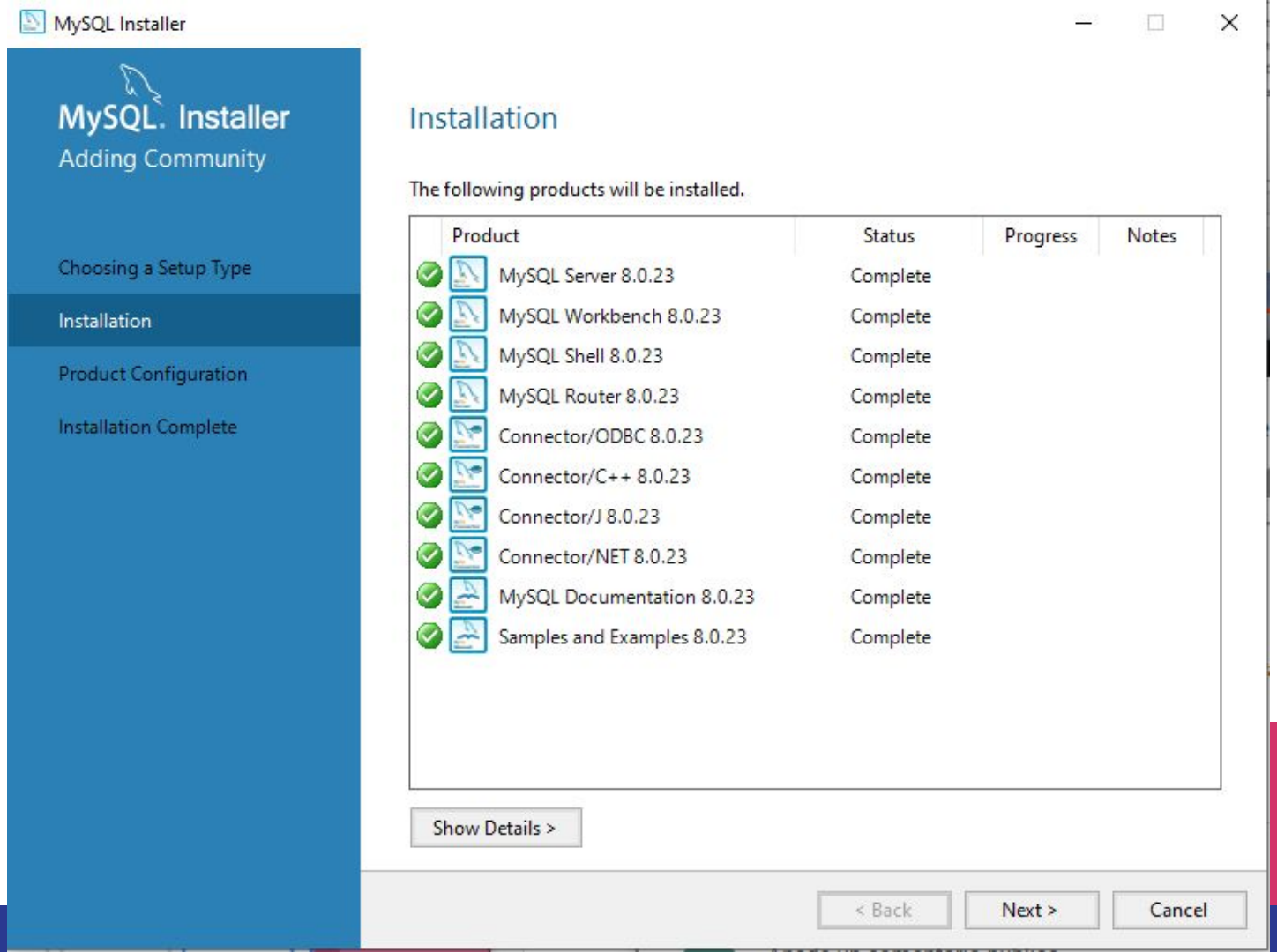
- ***Custom***:

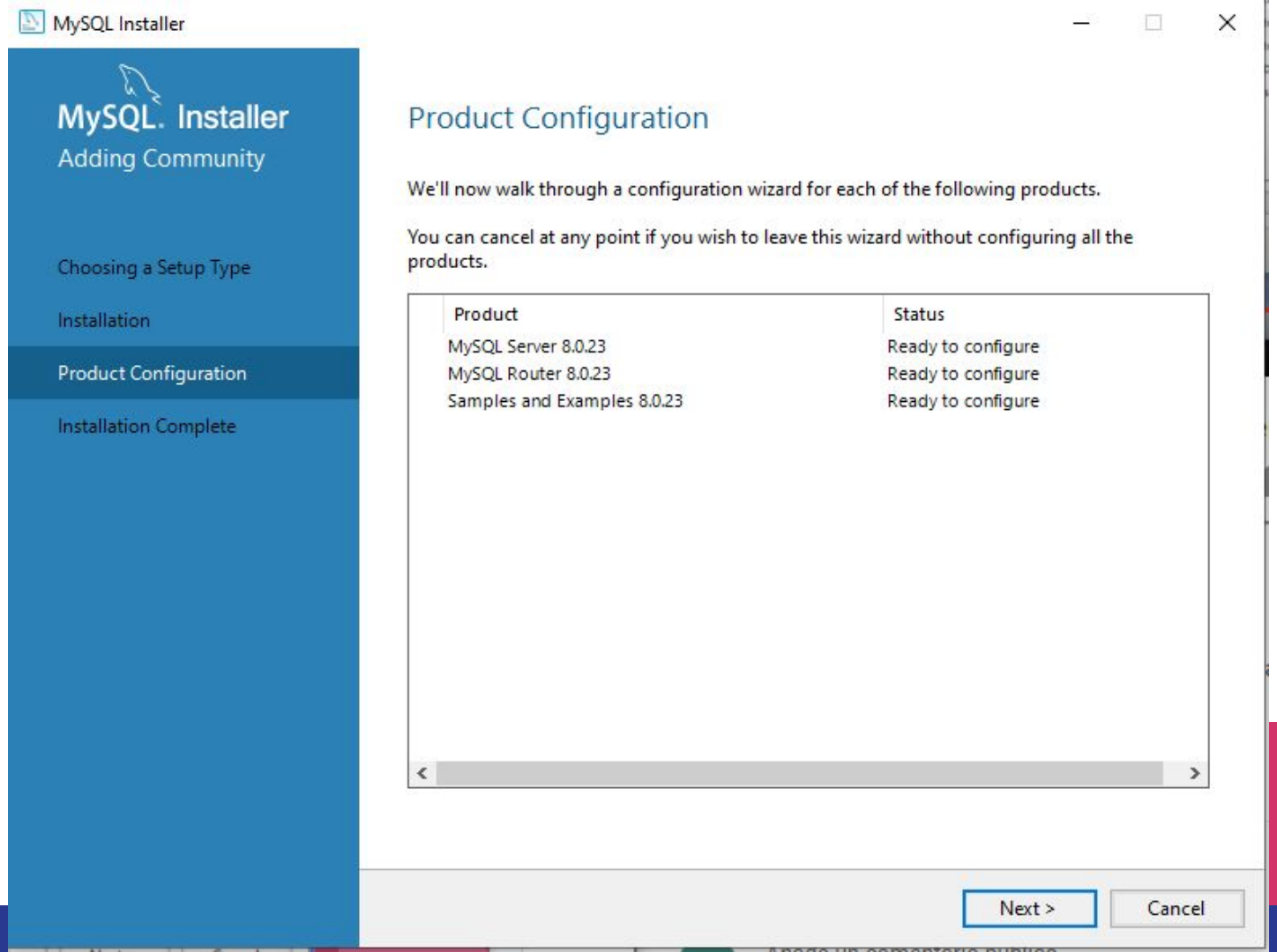
  El tipo de configuración personalizada permite filtrar y seleccionar productos MySQL individuales del catálogo de instaladores de MySQL.

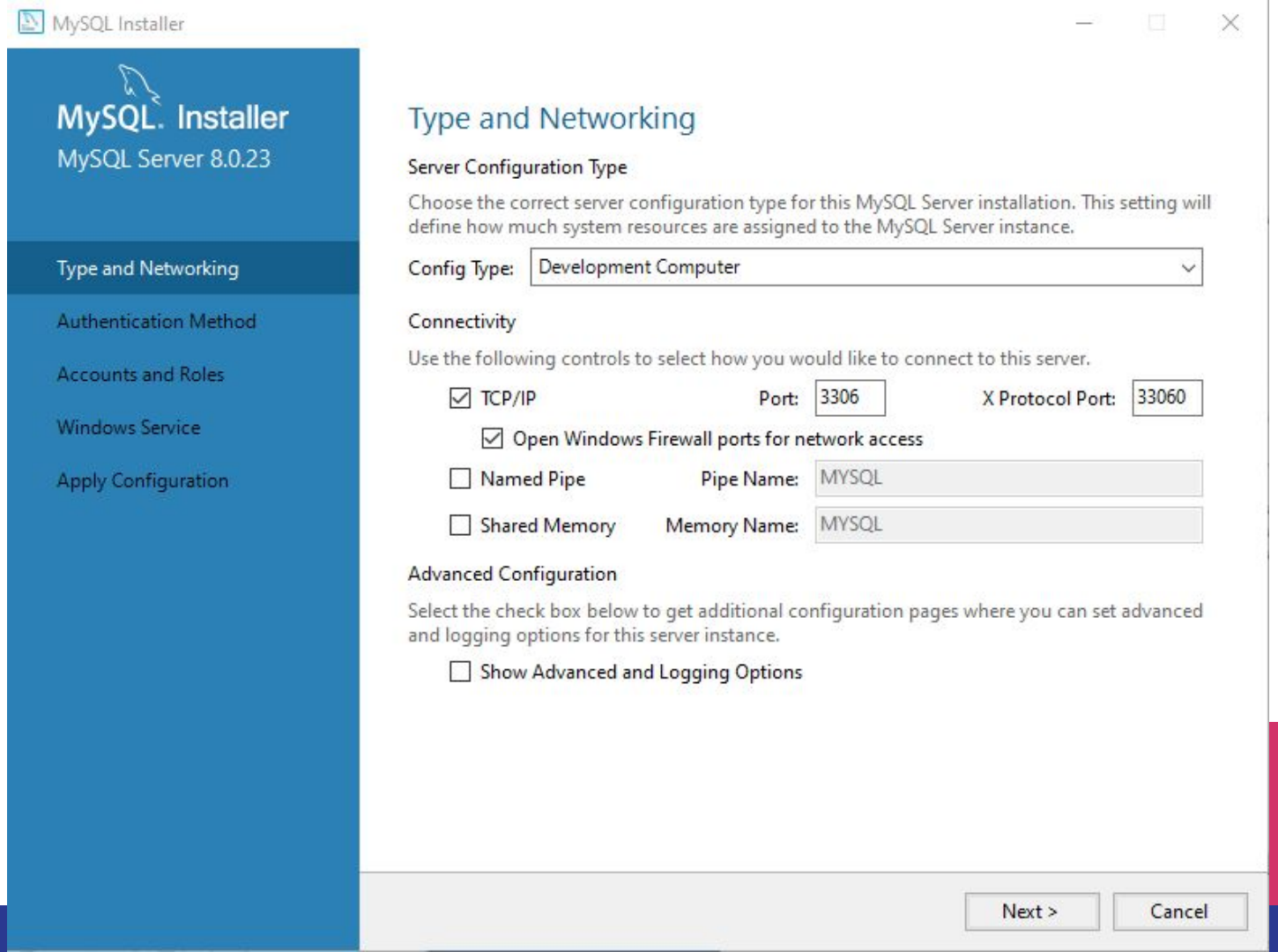

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Check Requirements
Download
Installation
Product Configuration
Installation Complete
Check Requirements
The following products have failing requirements. MySQL Installer will attempt to resolve them automatically. Requirements marked as manual cannot be resolved automatically. Click on each item to try and resolve it manually.
For Product
Requirement
Status
MySQL for Visual Studio 1.2.9
Visual Studio version 2015, 2017 or 2...
Manual
Connector/Python 8.0.22
Python 64-bit (2.7, 3.5, 3.6, 3.7 or 3.8)...
Manual
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
< Back
Next >
Cancel

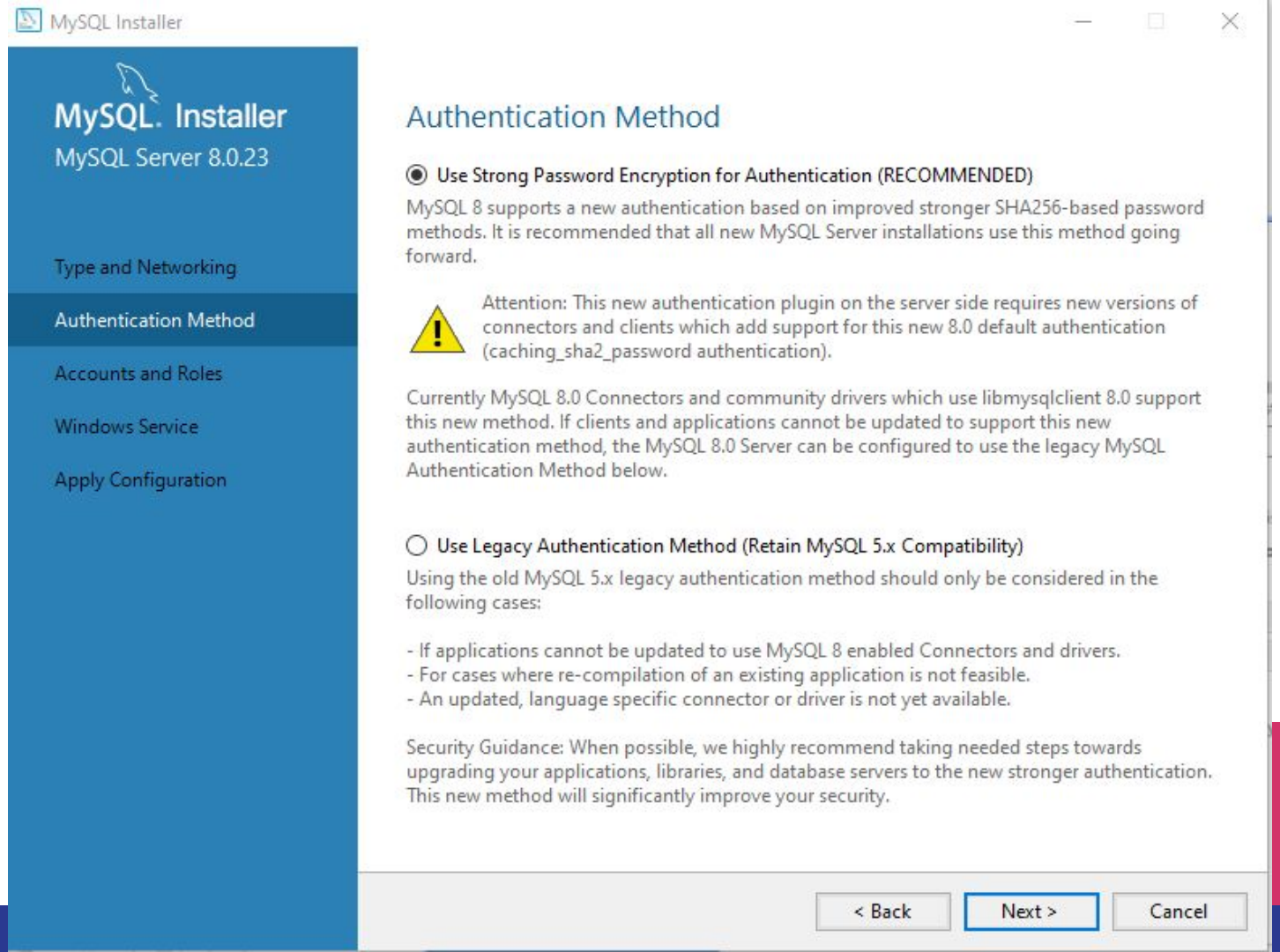

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Download
Installation
Product Configuration
Installation Complete
Download
The following products will be downloaded.
Product
Status
Progress
Notes
MySQL Server 8.0.23
Ready to download
MySQL Workbench 8.0.23
Ready to download
MySQL Shell 8.0.23
Ready to download
MySQL Router 8.0.23
Ready to download
Connector/ODBC 8.0.23
Ready to download
Connector/C++ 8.0.23
Ready to download
Connector/J 8.0.23
Ready to download
Connector/NET 8.0.23
Ready to download
MySQL Documentation 8.0.23
Ready to download
Samples and Examples 8.0.23
Ready to download
Click [Execute] to install the following packages.
< Back
Execute
Cancel

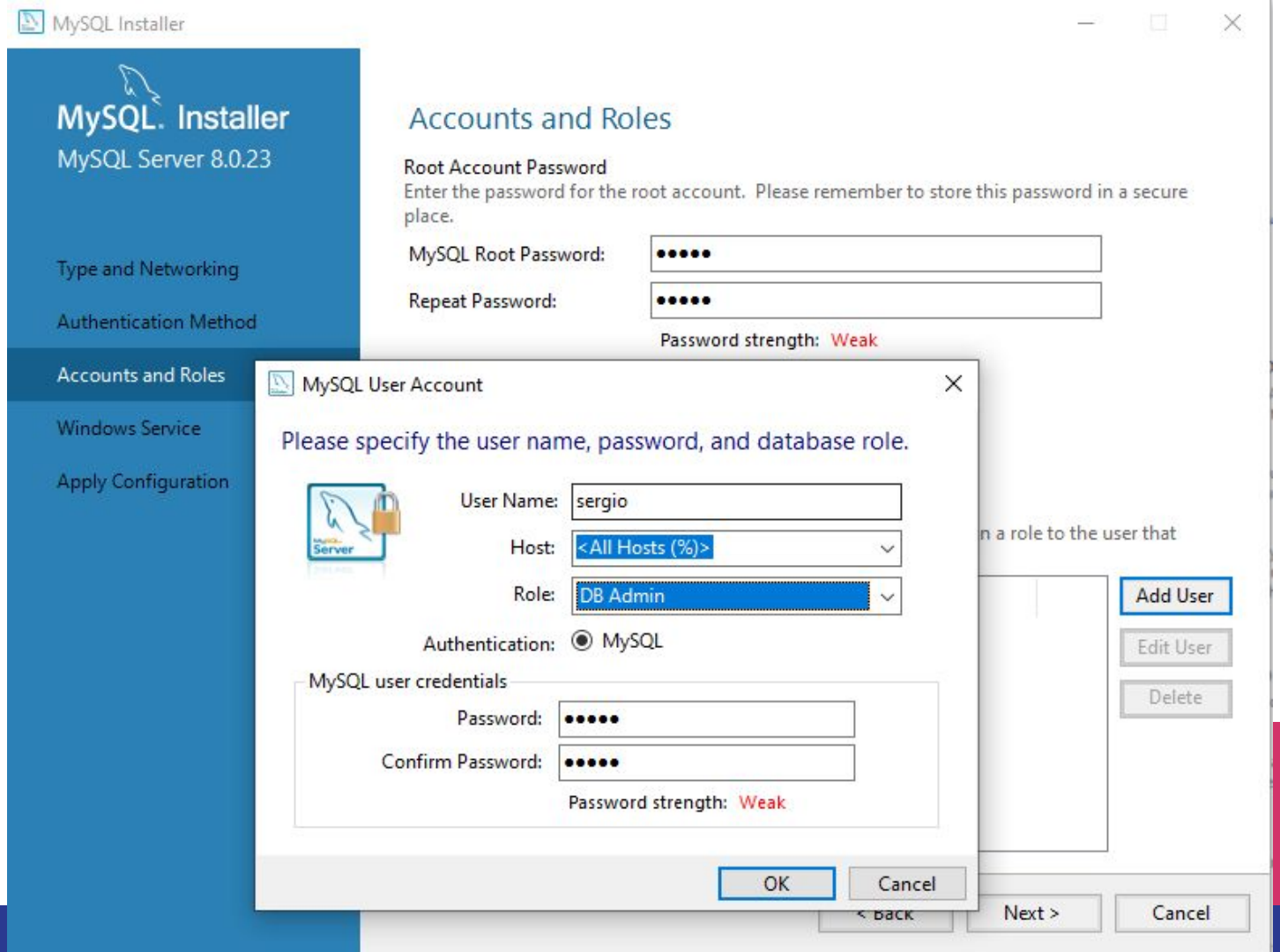

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Installation
The following products will be installed.
Product
Status
Progress
Notes
MySQL Server 8.0.23
Complete
MySQL Workbench 8.0.23
Installing
14%
MySQL Shell 8.0.23
Ready 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
MySQL Documentation 8.0.23
Ready to Install
Samples and Examples 8.0.23
Ready to Install
Show Details >
< Back
Execute
Cancel

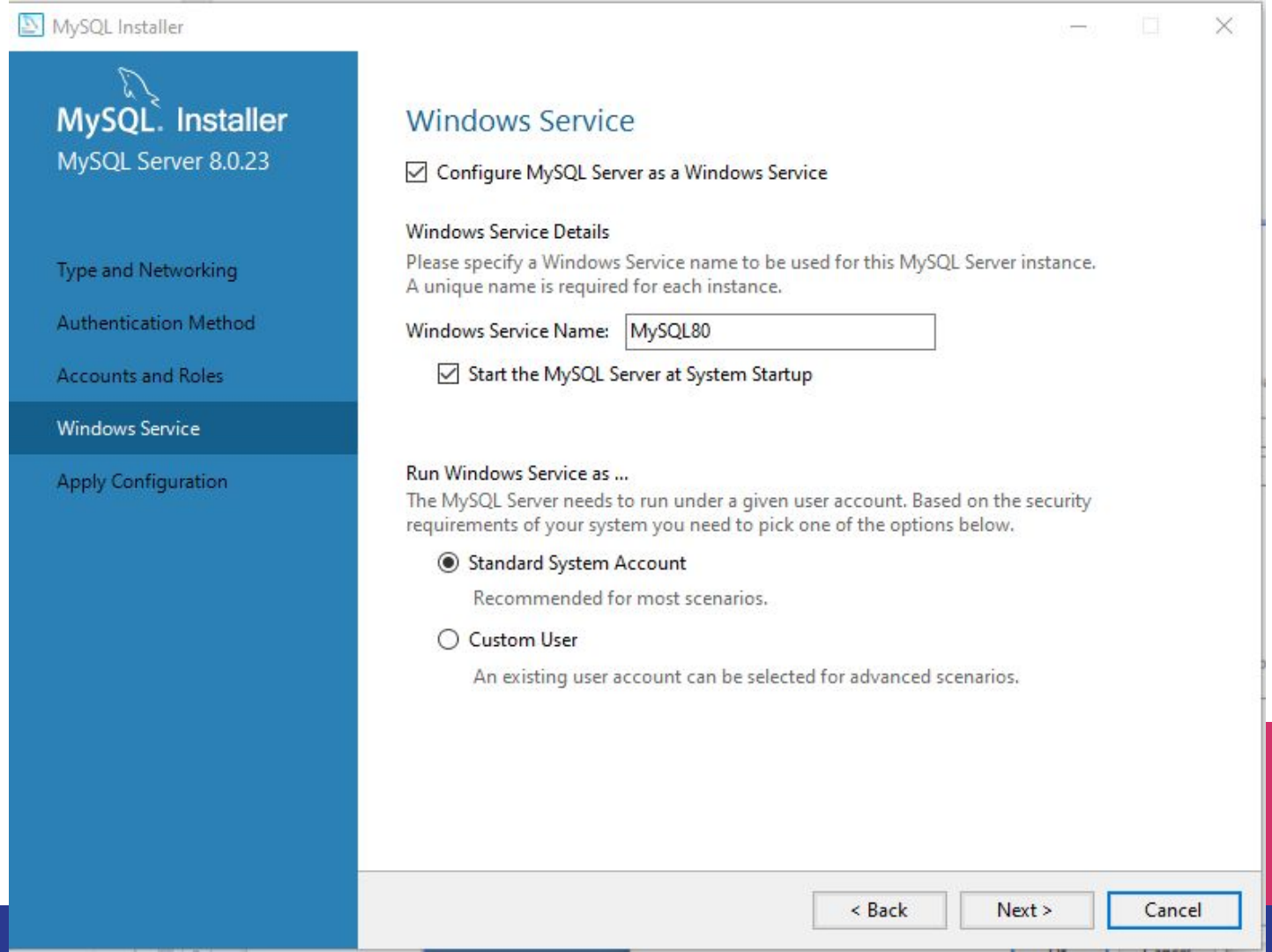

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Installation
The following products will be installed.
Product
Status
Progress
Notes
MySQL Server 8.0.23
Complete
MySQL Workbench 8.0.23
Complete
MySQL Shell 8.0.23
Complete
MySQL Router 8.0.23
Complete
Connector/ODBC 8.0.23
Complete
Connector/C++ 8.0.23
Complete
Connector/J 8.0.23
Complete
Connector/NET 8.0.23
Complete
MySQL Documentation 8.0.23
Complete
Samples and Examples 8.0.23
Complete
Show Details >
< Back
Next >
Cancel

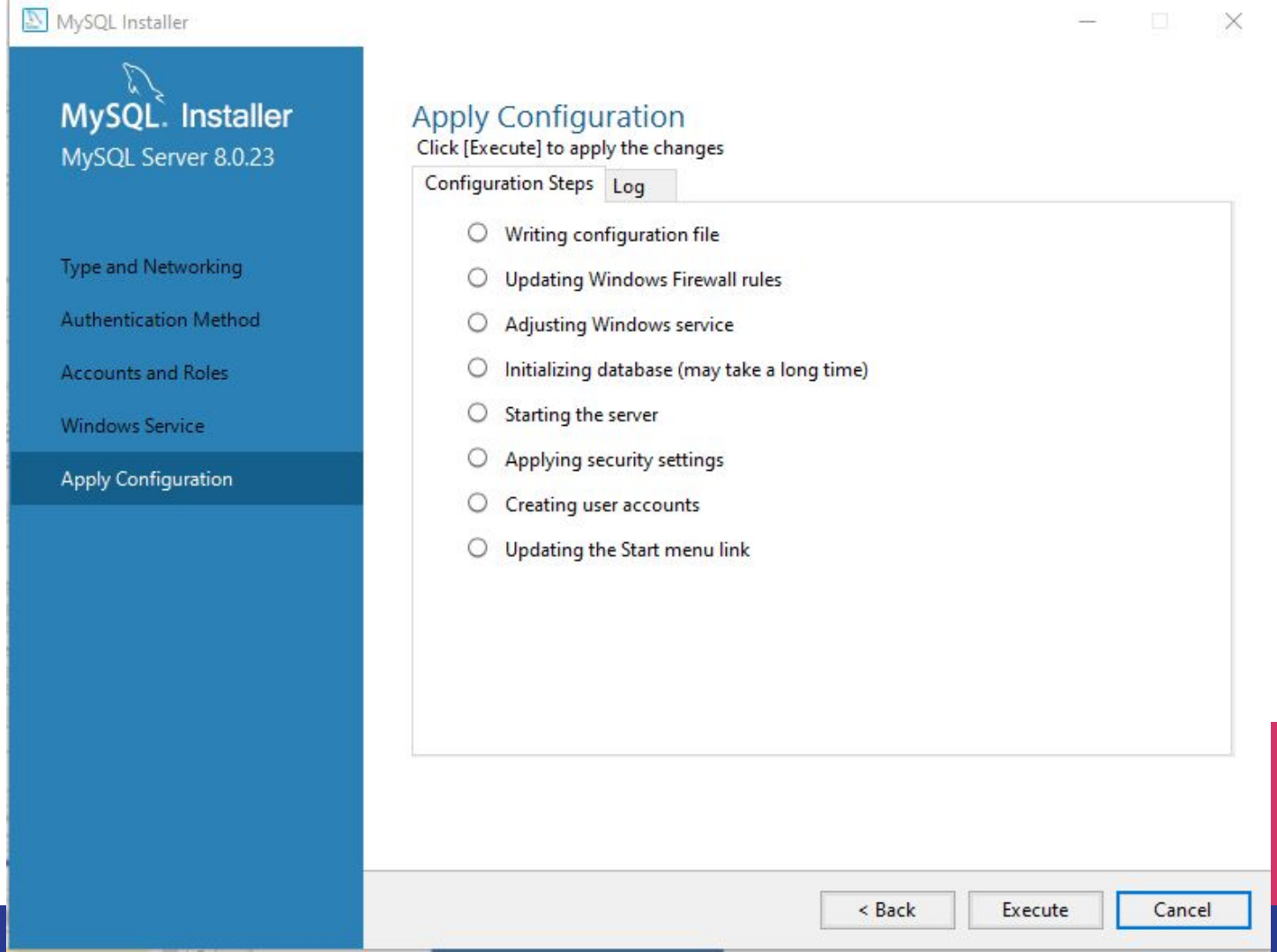

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Product Configuration
We'll now walk through a configuration wizard for each of the following products.
You can cancel at any point if you wish to leave this wizard without configuring all the products.
Product
Status
MySQL Server 8.0.23
Ready to configure
MySQL Router 8.0.23
Ready to configure
Samples and Examples 8.0.23
Ready to configure
Next >
Cancel

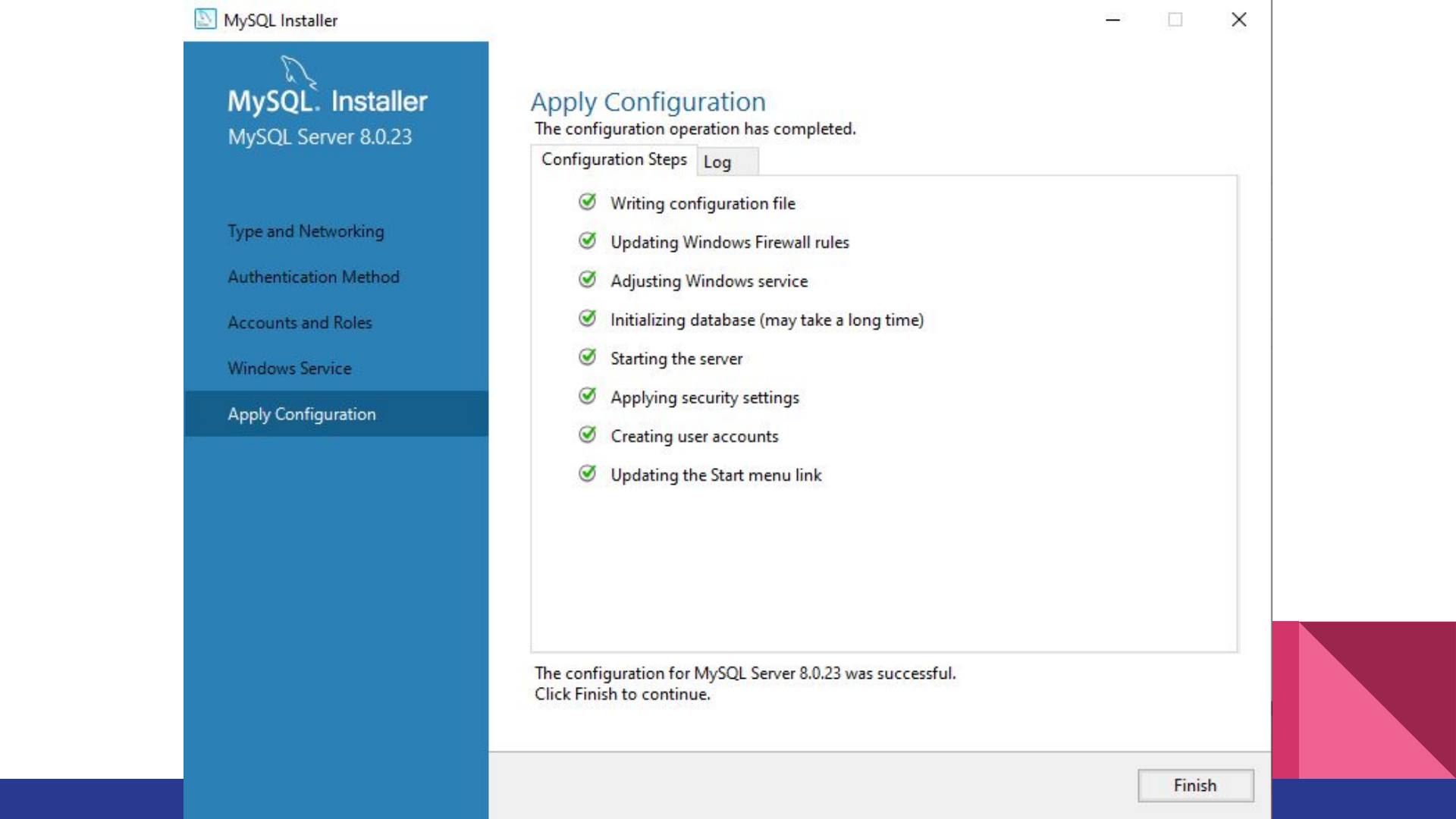

MySQL Installer
MySQL. Installer
MySQL Server 8.0.23
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Type and Networking
Server Configuration Type
Choose the correct server configuration type for this MySQL Server installation. This setting will define 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

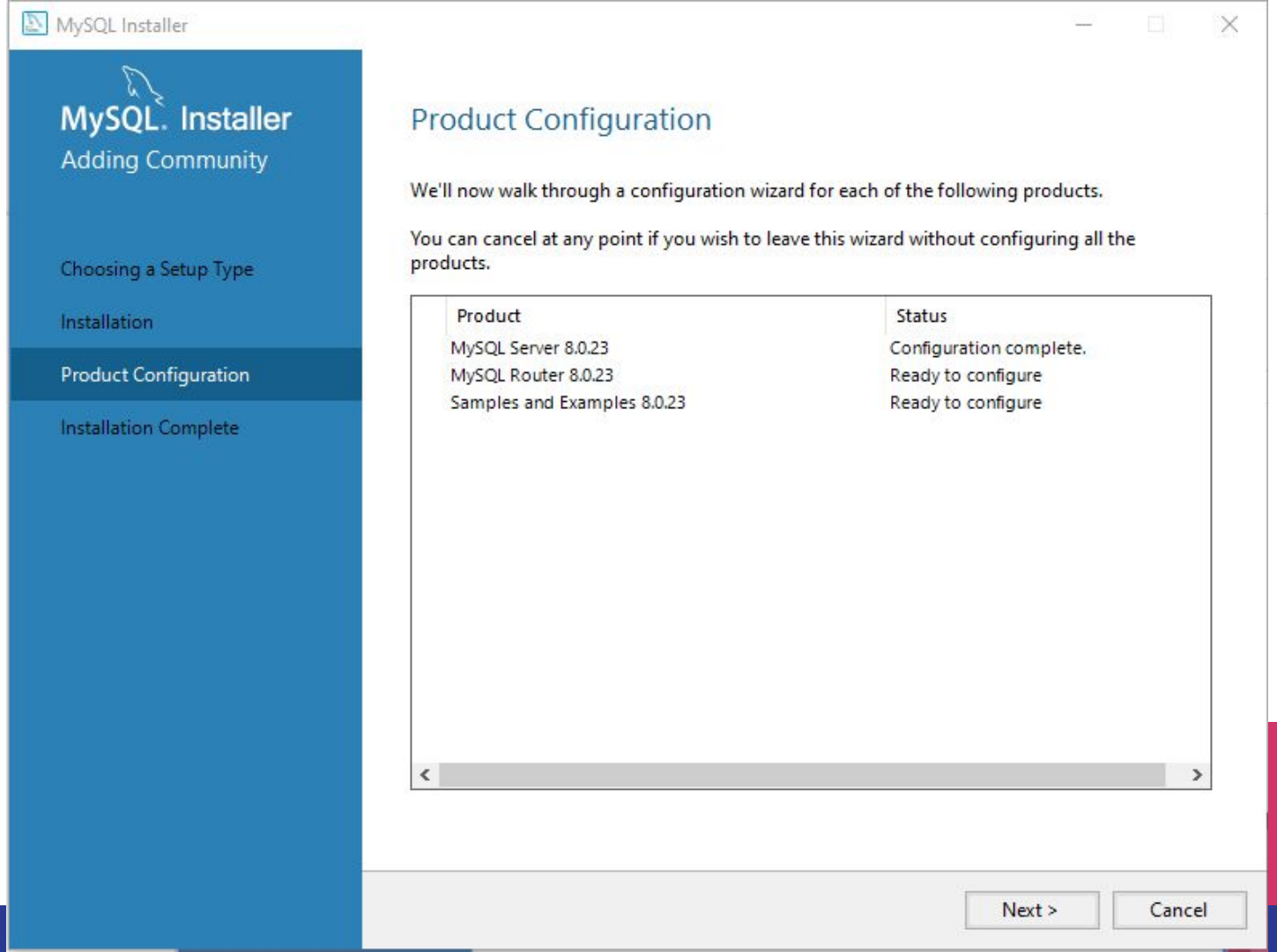

MySQL Installer
MySQL. Installer
MySQL Server 8.0.23
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Authentication Method
Use Strong Password Encryption for Authentication (RECOMMENDED)
MySQL 8 supports a new authentication based on improved stronger 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

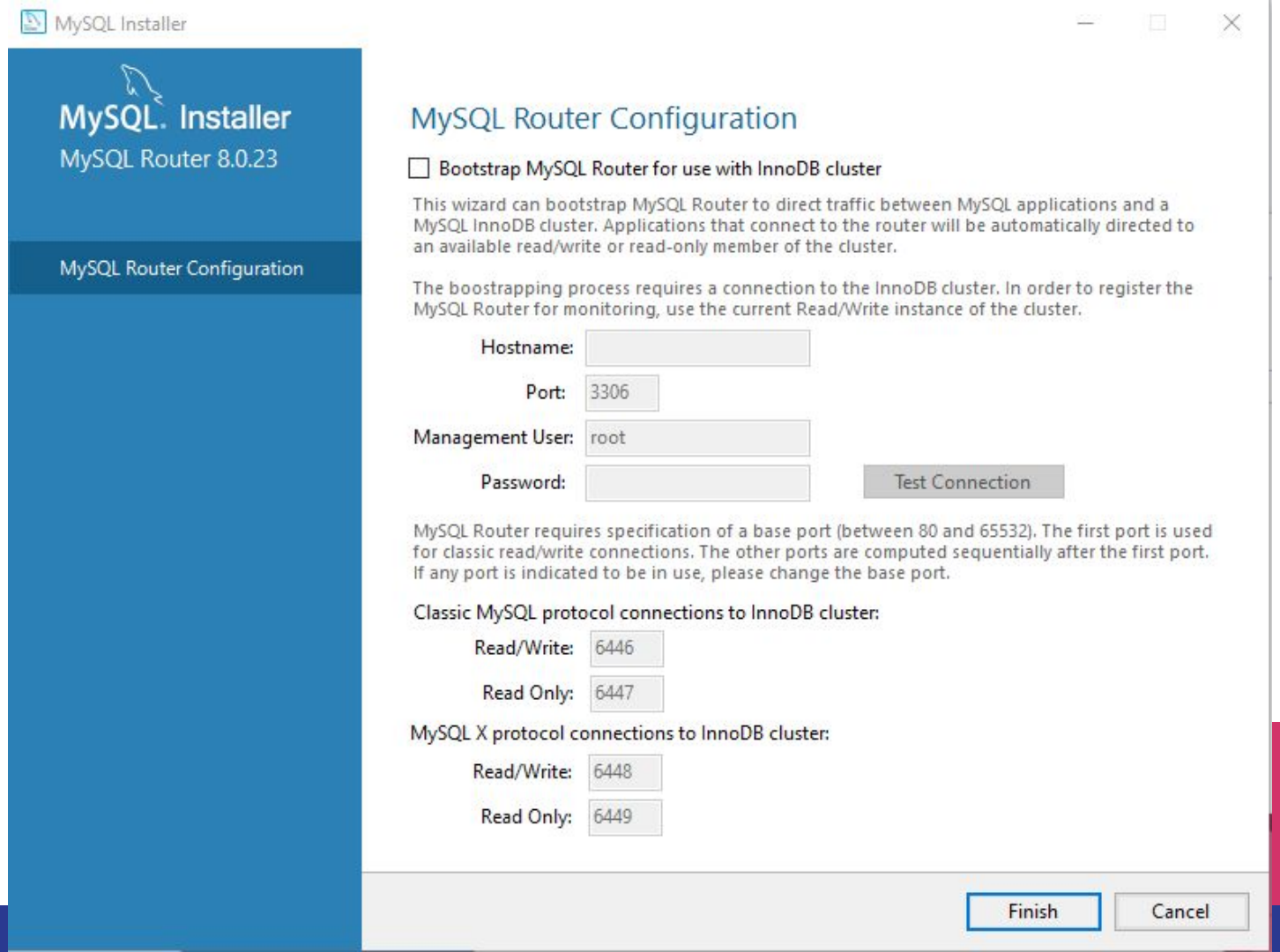

MySQL Installer
MySQL. Installer
MySQL Server 8.0.23
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Accounts and Roles
Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.
MySQL Root Password:
Repeat Password:
Password strength: Weak
MySQL User Account
Please specify the user name, password, and database role.
User Name: sergio
Host: <All Hosts (%)>
Role: DB Admin
Authentication: MySQL
MySQL user credentials
Password:
Confirm Password:
Password strength: Weak
OK
Cancel
n a role to the user that
Add User
Edit User
Delete
< Back
Next >
Cancel

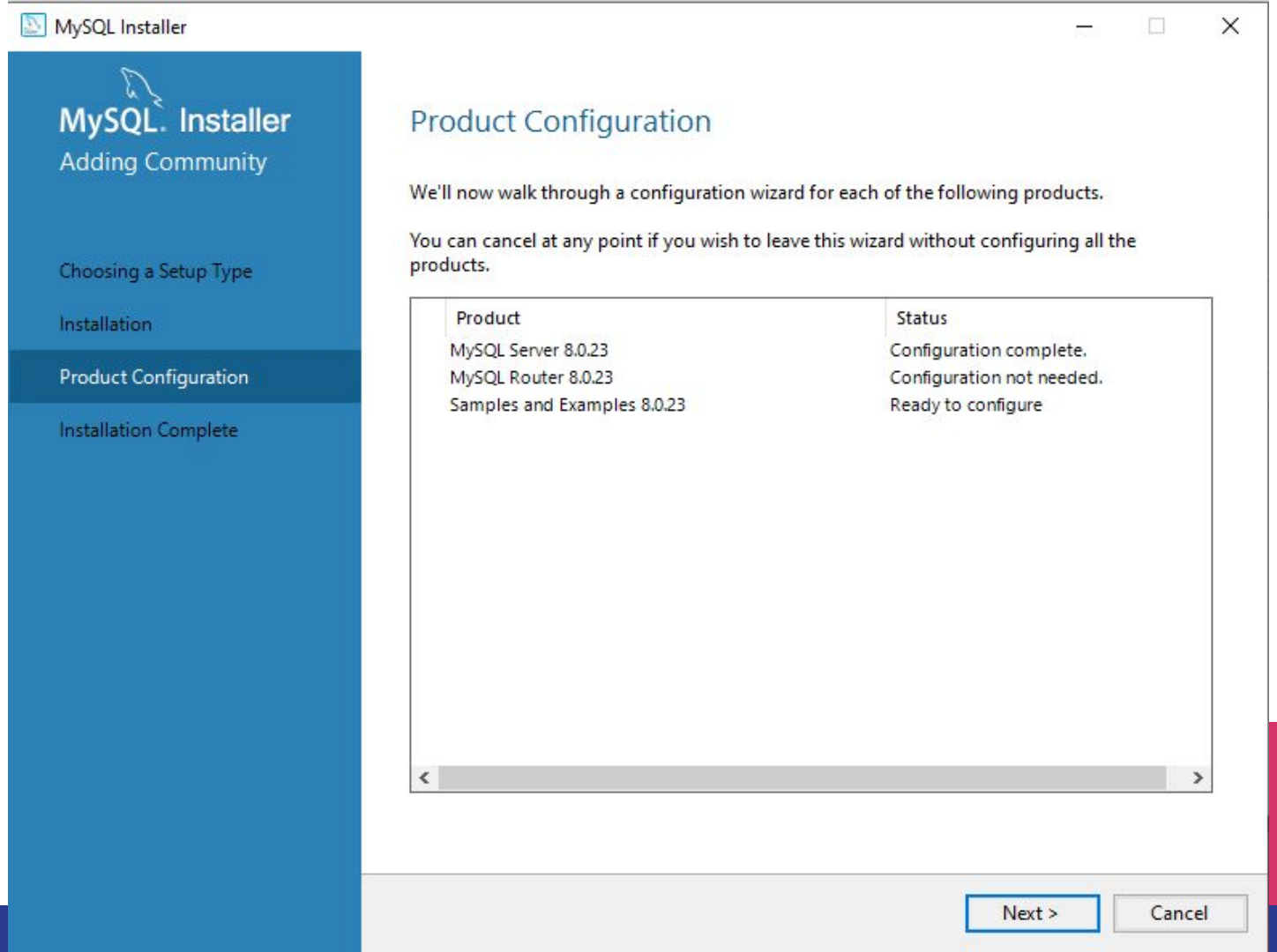

MySQL Installer
MySQL. Installer
MySQL Server 8.0.23
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Windows Service
Configure MySQL Server as a Windows Service
Windows Service Details
Please specify a Windows Service name to be used for this MySQL Server instance.
A unique name is required for each instance.
Windows Service Name: MySQL80
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

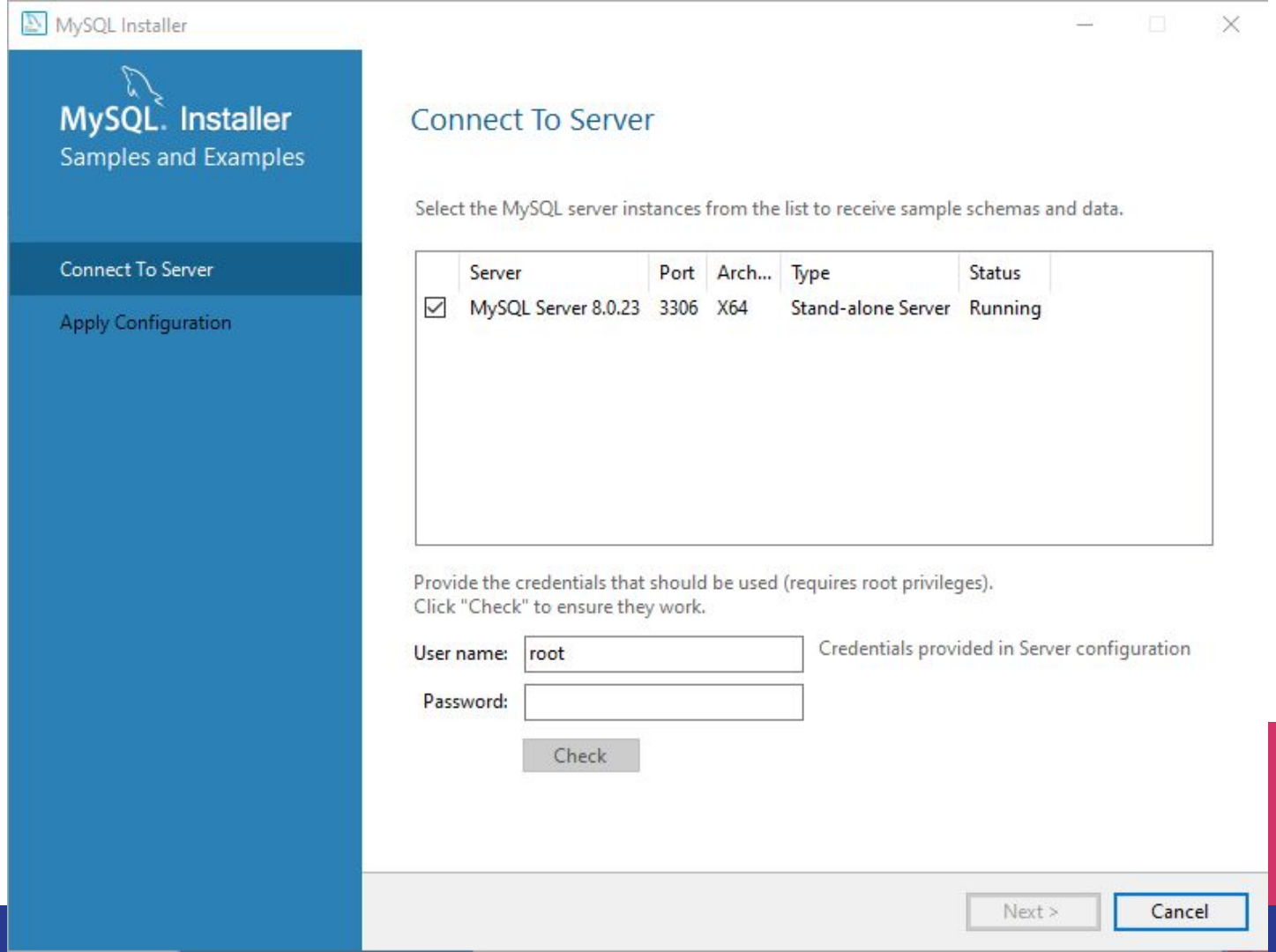

MySQL Installer
MySQL. Installer
MySQL Server 8.0.23
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Apply Configuration
Click [Execute] to apply the changes
Configuration Steps
Log
Writing configuration file
Updating Windows Firewall rules
Adjusting Windows service
Initializing database (may take a long time)
Starting the server
Applying security settings
Creating user accounts
Updating the Start menu link
< Back
Execute
Cancel

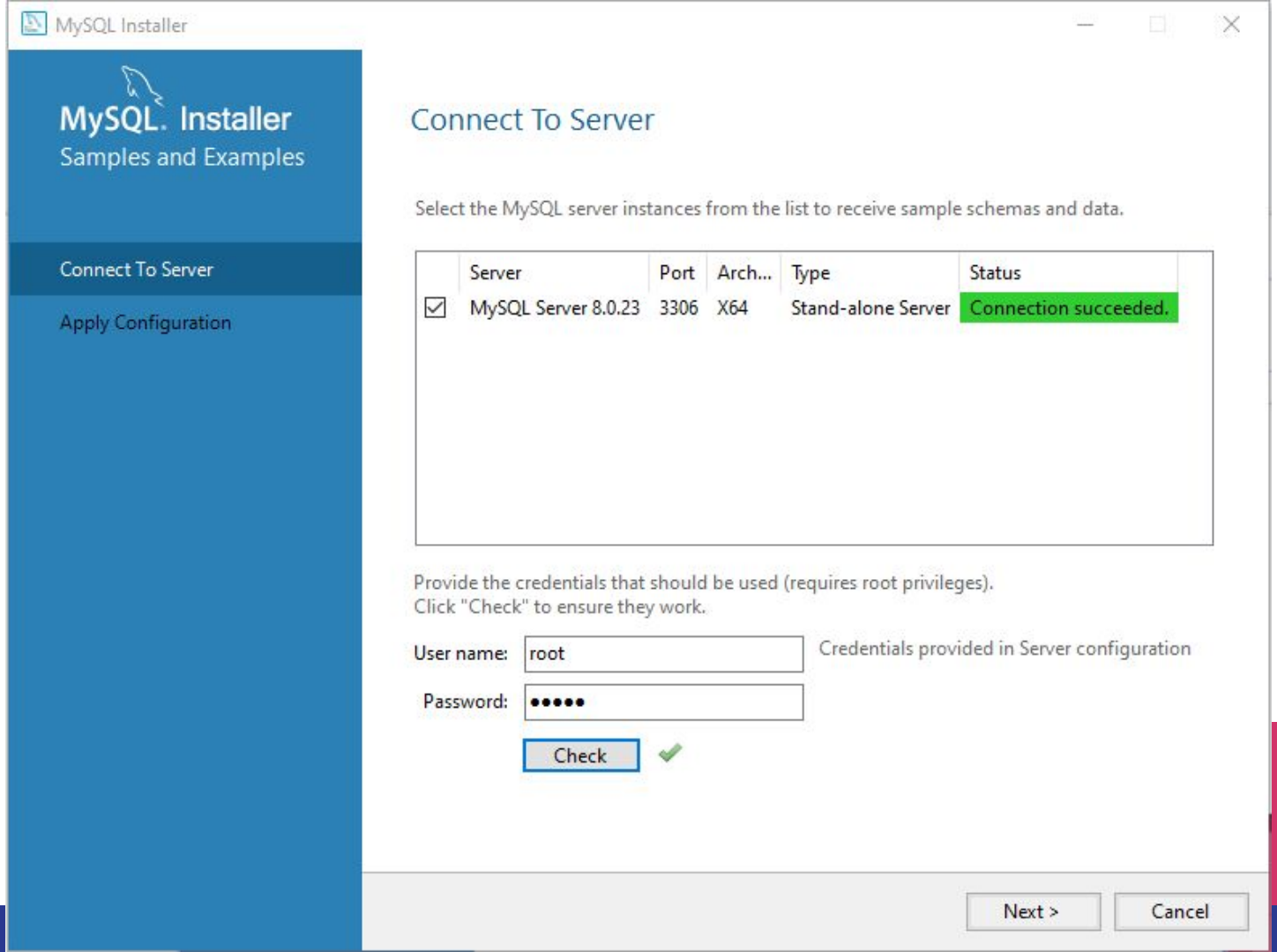

MySQL Installer
MySQL. Installer
MySQL Server 8.0.23
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Apply Configuration
The configuration operation has completed.
Configuration Steps
Log
Writing configuration file
Updating Windows Firewall rules
Adjusting Windows service
Initializing database (may take a long time)
Starting the server
Applying security settings
Creating user accounts
Updating the Start menu link
The configuration for MySQL Server 8.0.23 was successful.
Click Finish to continue.
Finish

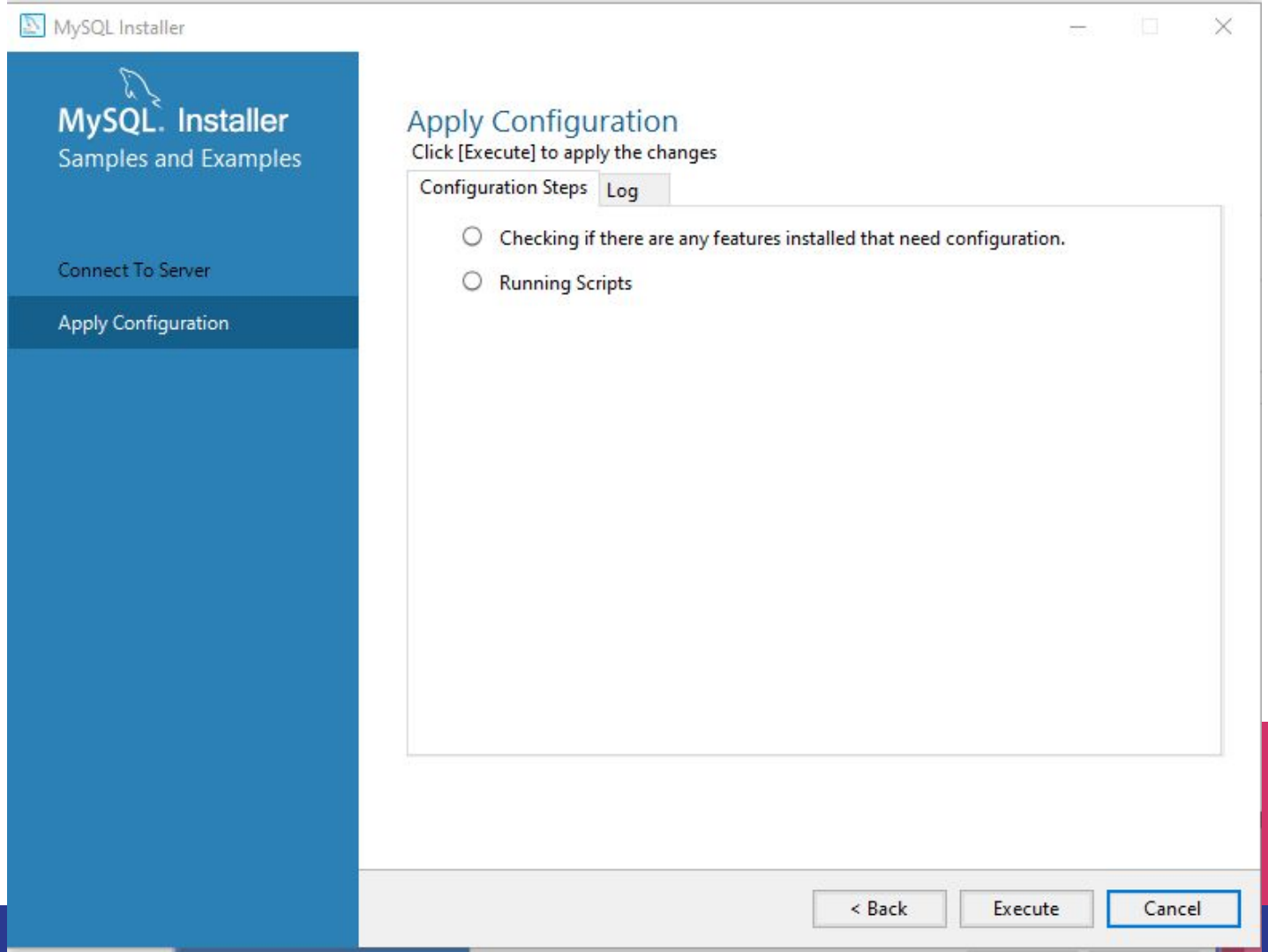

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Product Configuration
We'll now walk through a configuration wizard for each of the following products.
You can cancel at any point if you wish to leave this wizard without configuring all the products.
Product
Status
MySQL Server 8.0.23
Configuration complete.
MySQL Router 8.0.23
Ready to configure
Samples and Examples 8.0.23
Ready to configure
Next >
Cancel

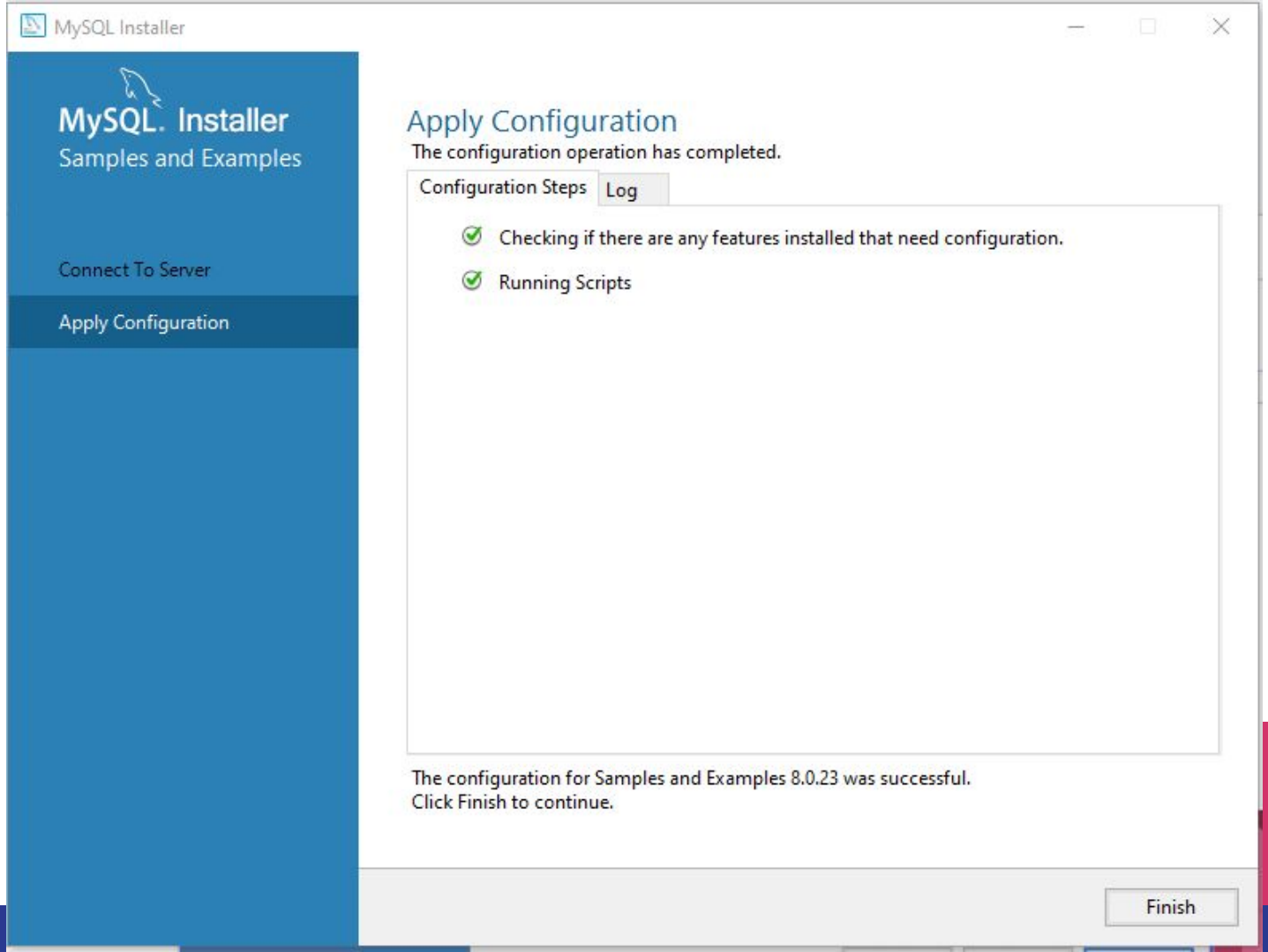

MySQL Installer
MySQL. Installer
MySQL Router 8.0.23
MySQL Router Configuration
MySQL Router Configuration
Bootstrap MySQL Router for use with InnoDB cluster
This wizard can bootstrap MySQL Router to direct traffic between MySQL applications and a MySQL InnoDB cluster. Applications that connect to the router will be automatically directed to an available read/write or read-only member of the cluster.
The boostrapping 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:
3306
Management User:
root
Password:
Test Connection
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:
6446
Read Only:
6447
MySQL X protocol connections to InnoDB cluster:
Read/Write:
6448
Read Only:
6449
Finish
Cancel

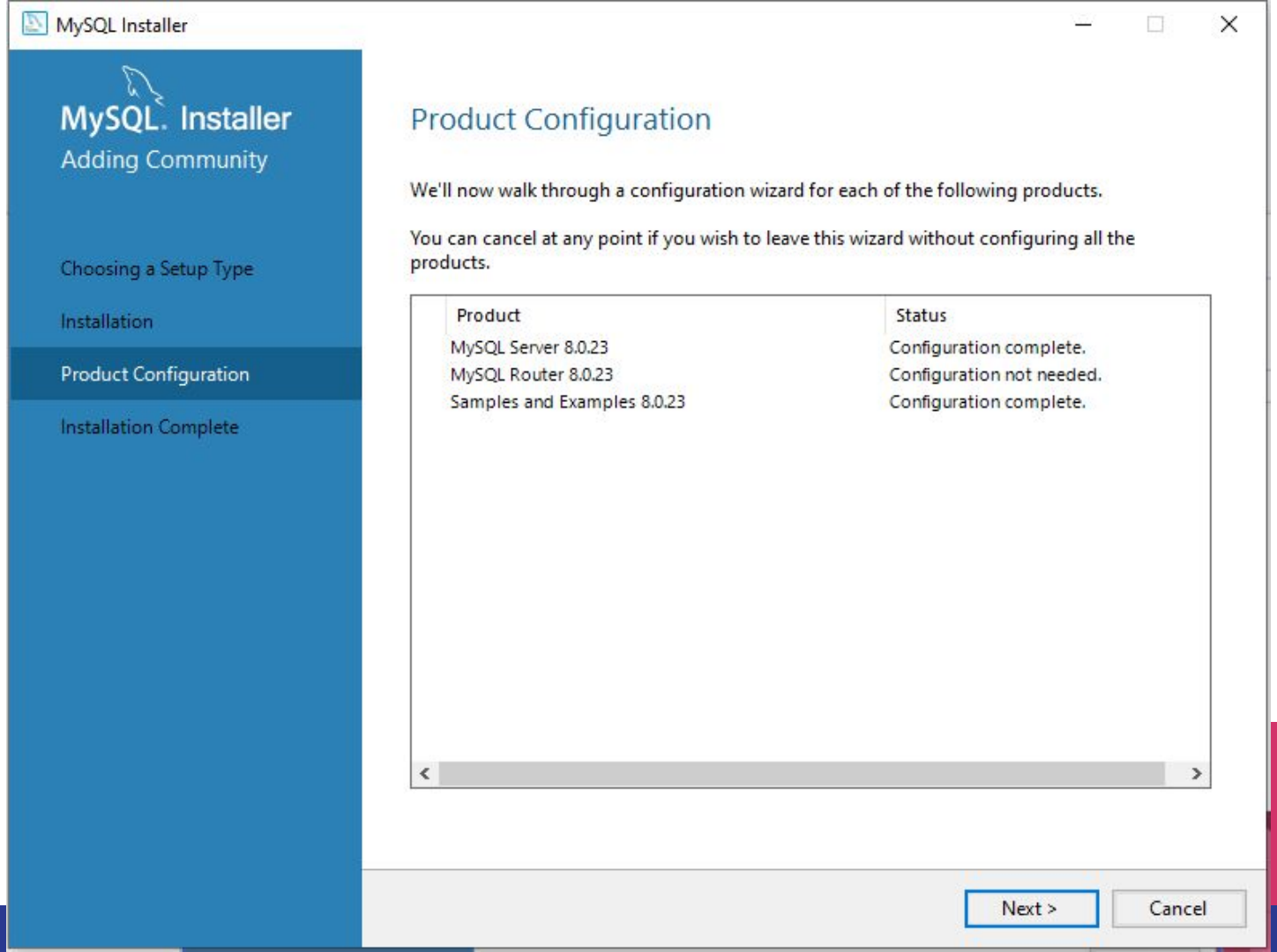

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Product Configuration
We'll now walk through a configuration wizard for each of the following products.
You can cancel at any point if you wish to leave this wizard without 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
Next >
Cancel


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
MySQL Server 8.0.23
3306
X64
Stand-alone Server
Running
Provide the credentials that should be used (requires root privileges).
Click "Check" to ensure they work.
User name:
root
Credentials provided in Server configuration
Password:
Check
Next >
Cancel


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
MySQL Server 8.0.23
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:
root
Credentials provided in Server configuration
Password:
Check
Next >
Cancel


MySQL Installer
MySQL. Installer
Samples and Examples
Connect To Server
Apply Configuration
Apply Configuration
Click [Execute] to apply the changes
Configuration Steps
Log
Checking if there are any features installed that need configuration.
Running Scripts
< Back
Execute
Cancel


MySQL Installer
MySQL. Installer
Samples and Examples
Connect To Server
Apply Configuration
Apply Configuration
The configuration operation has completed.
Configuration Steps
Log
Checking if there are any features installed that need configuration.
Running Scripts
The configuration for Samples and Examples 8.0.23 was successful.
Click Finish to continue.
Finish


MySQL Installer
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
Configuration complete.
Next >
Cancel

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

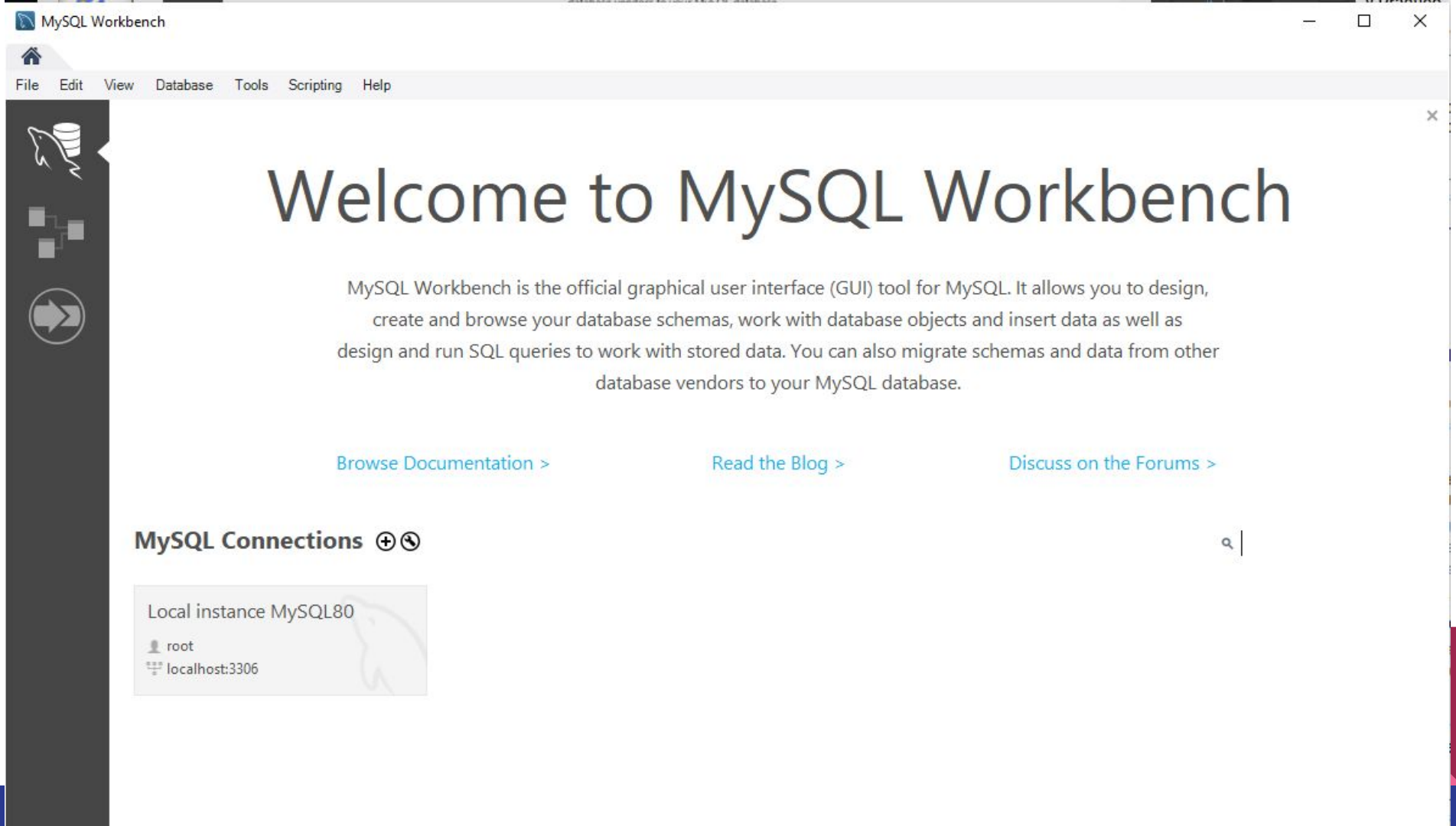
- [x] Start MySQL Workbench after setup
- [x] Start MySQL Shell after setup

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


MySQL Workbench
File Edit View Database Tools Scripting Help
Welcome to MySQL Workbench
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.
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MySQL Connections
Local instance MySQL80
root
localhost:3306