MySQL
Setup

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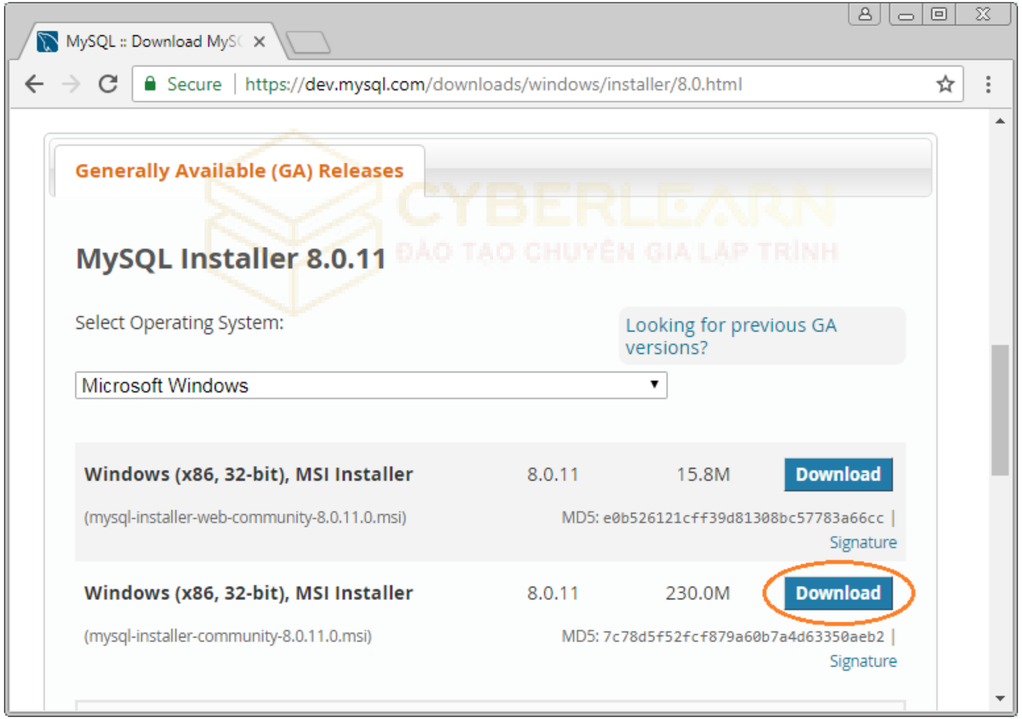
Link download : https://dev.mysql.com/downloads/windows/installer/8.0.html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Generally Available (GA) Releases

MySQL Installer 8.0.11

Select Operating System:

Microsoft Windows ▾

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer	8.0.11	15.8M	Download
(mysql-installer-web-community-8.0.11.0.msi)			MD5: `e0b526121cff39d81308bc57783a66cc` | Signature
Windows (x86, 32-bit), MSI Installer	8.0.11	230.0M	Download
(mysql-installer-community-8.0.11.0.msi)			MD5: `7c78d5f52fcf879a60b7a4d63350aeb2` | Signature

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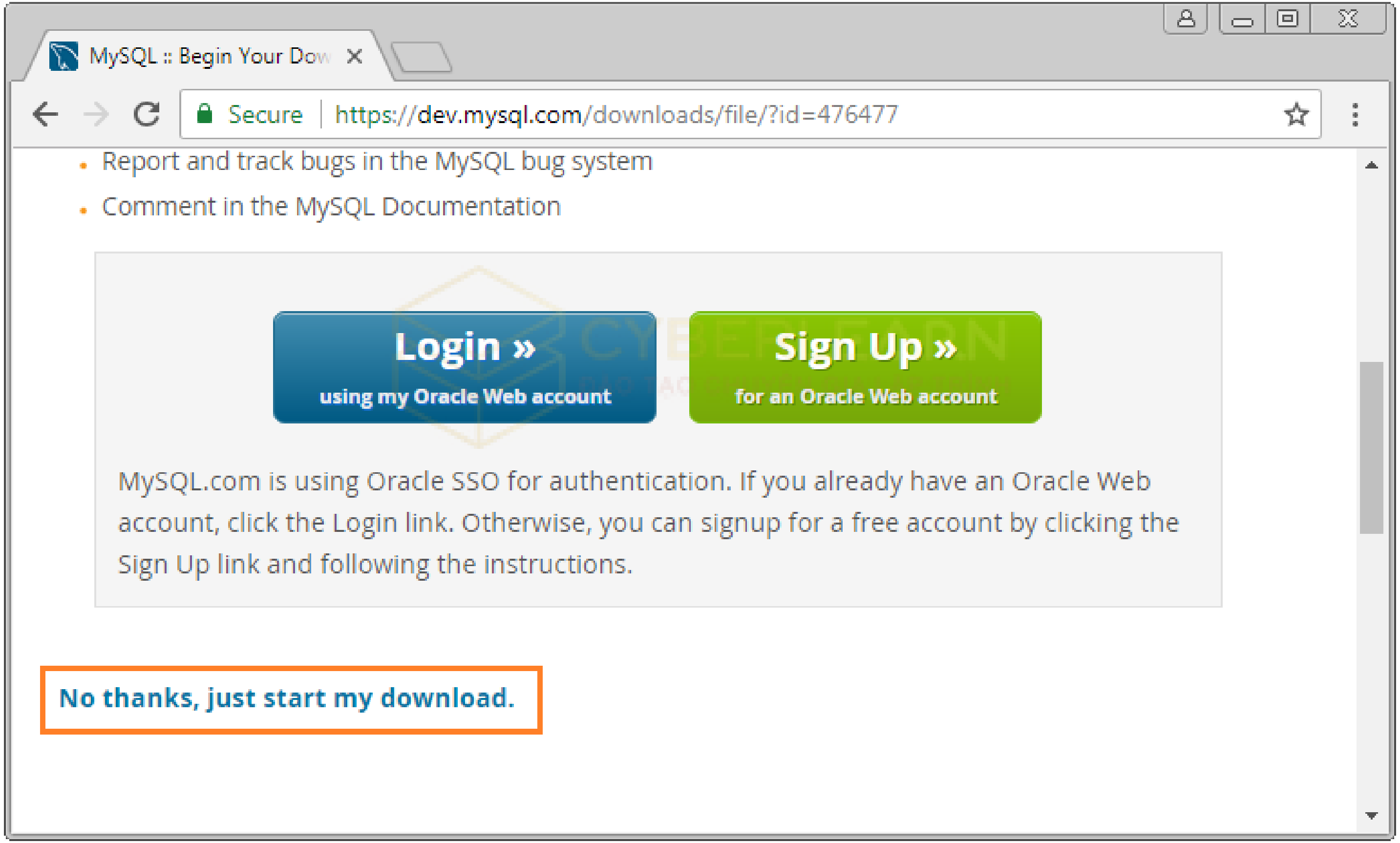
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Login »
using my Oracle Web account
Sign Up »
for an Oracle Web account

- Report and track bugs in the MySQL bug system
- Comment in the MySQL Documentation

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.

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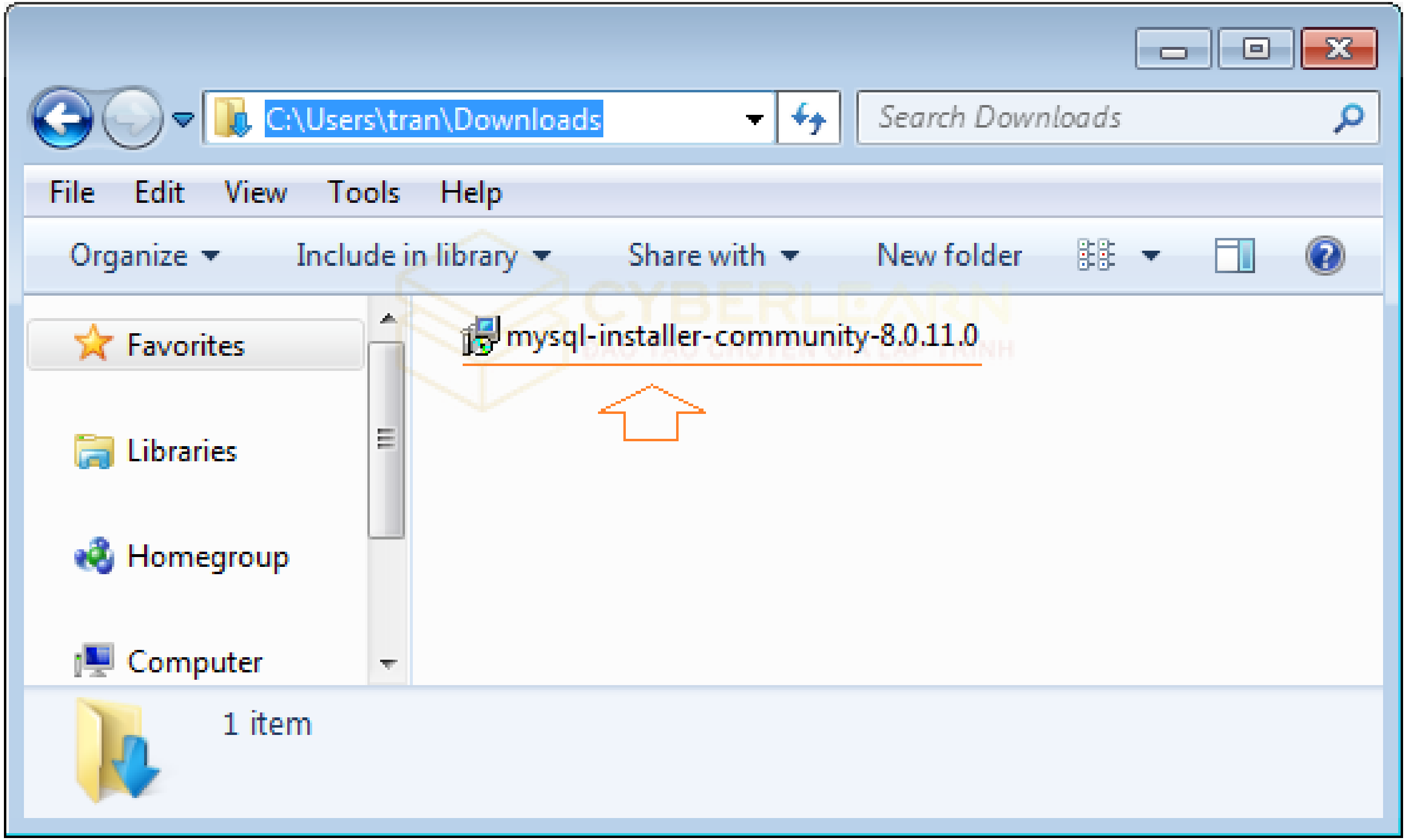

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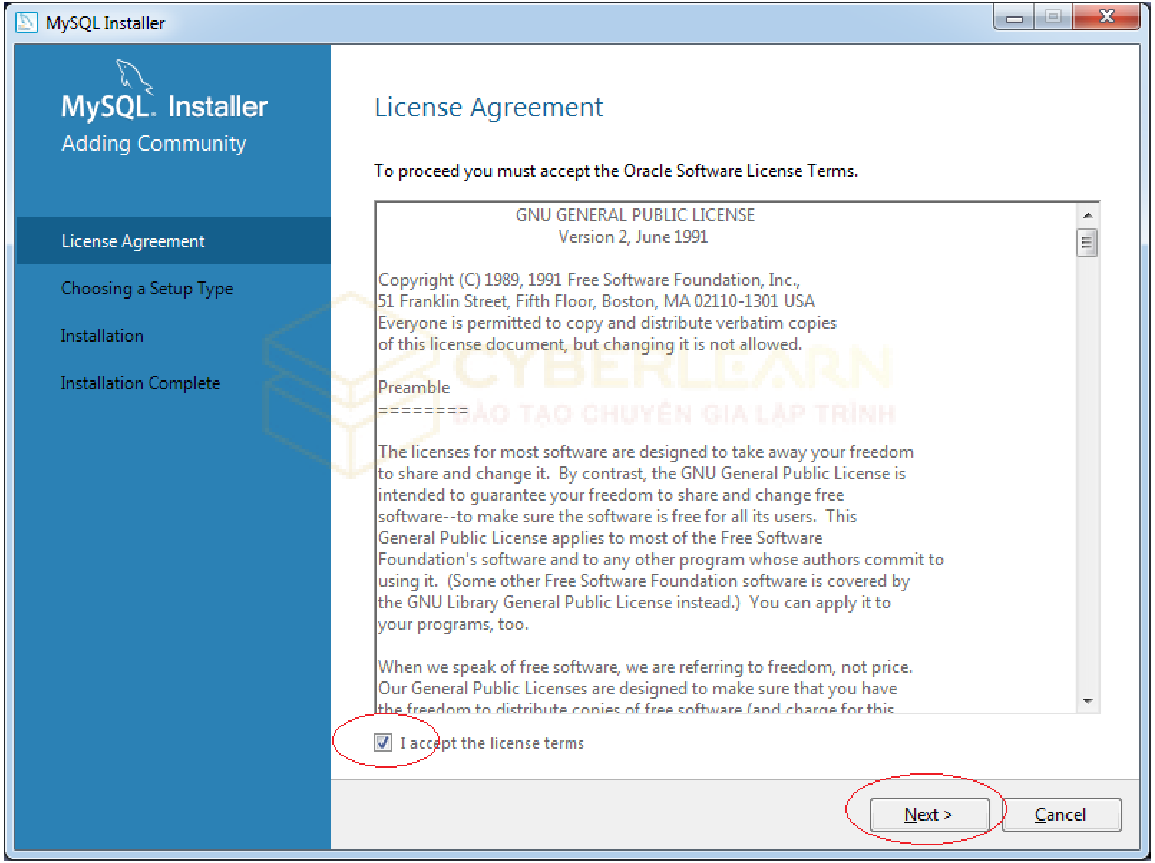
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MySQL. Installer
Adding Community
License Agreement
Choosing a Setup Type
Installation
Installation Complete
Next >
Cancel

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Preamble
========

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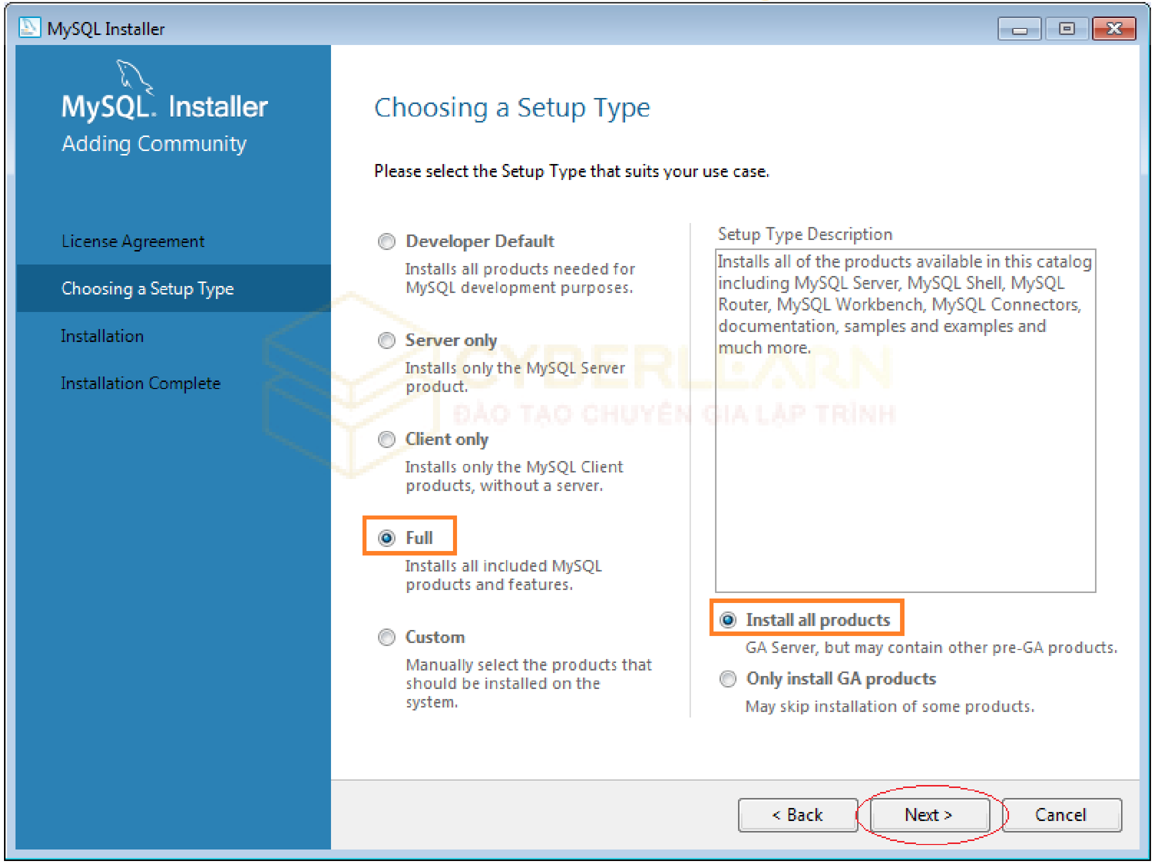

MySQL Installer
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License Agreement
Choosing a Setup Type
Installation
Installation Complete
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Next >
Cancel

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.

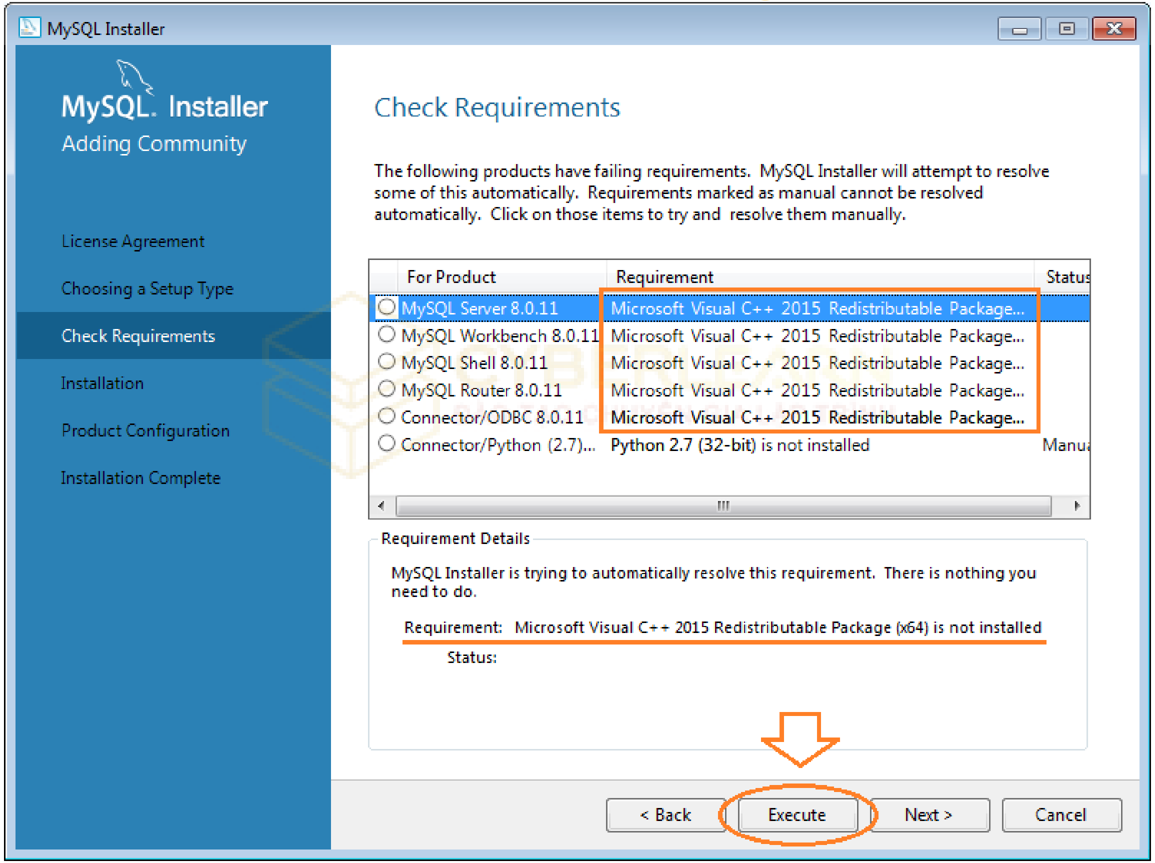
Setup Type Description

Installs all of the products available in this catalog including MySQL Server, MySQL Shell, MySQL Router, MySQL Workbench, MySQL Connectors, documentation, samples and examples and much more.

● **Install all products**
GA Server, but may contain other pre-GA products.

○ **Only install GA products**
May skip installation of some products.

Download MySQL


MySQL Installer
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Adding Community
License Agreement
Choosing a Setup Type
Check Requirements
Installation
Product Configuration
Installation Complete
< Back
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Next >
Cancel

Check Requirements

The following products have failing requirements. MySQL Installer will attempt to resolve some of this automatically. Requirements marked as manual cannot be resolved automatically. Click on those items to try and resolve them manually.

For Product	Requirement	Status
○ MySQL Server 8.0.11	Microsoft Visual C++ 2015 Redistributable Package...	
○ MySQL Workbench 8.0.11	Microsoft Visual C++ 2015 Redistributable Package...	
○ MySQL Shell 8.0.11	Microsoft Visual C++ 2015 Redistributable Package...	
○ MySQL Router 8.0.11	Microsoft Visual C++ 2015 Redistributable Package...	
○ Connector/ODBC 8.0.11	Microsoft Visual C++ 2015 Redistributable Package...	
○ Connector/Python (2.7)...	Python 2.7 (32-bit) is not installed	Manu

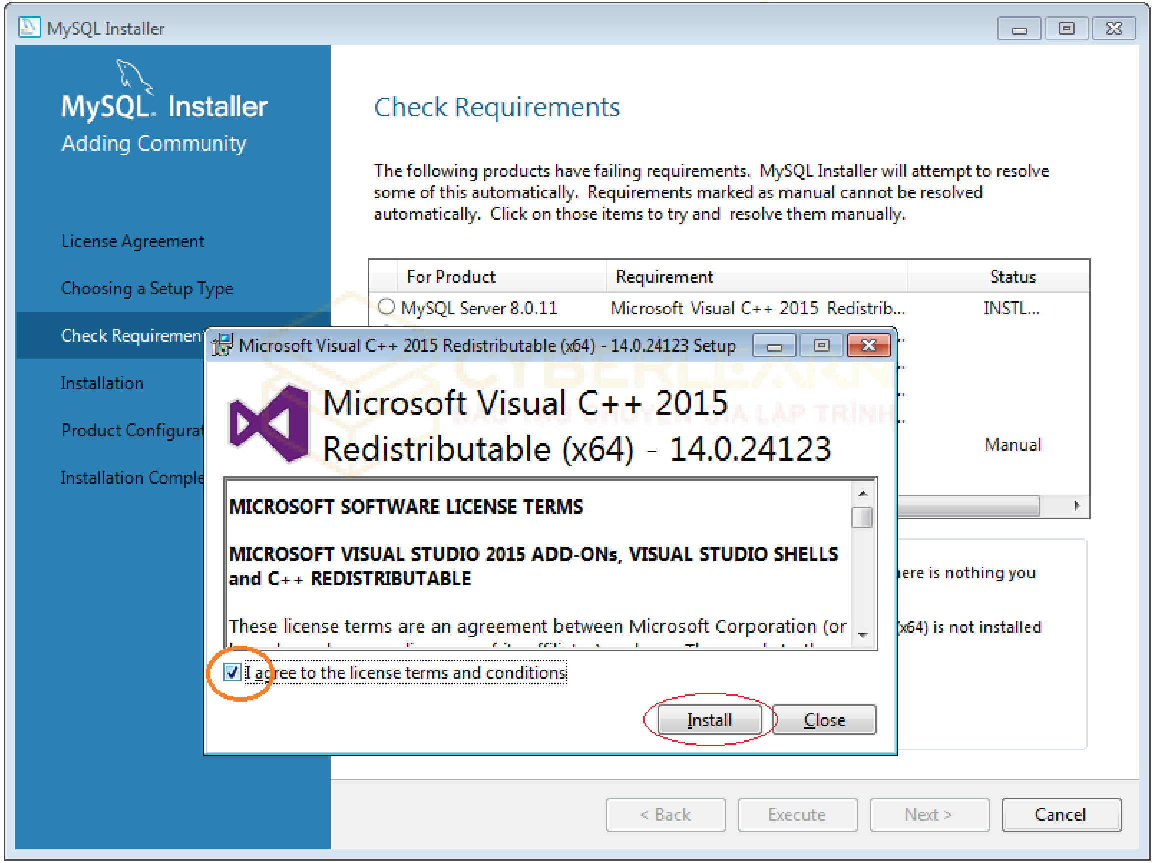
Requirement Details

MySQL Installer is trying to automatically resolve this requirement. There is nothing you need to do.

Requirement: Microsoft Visual C++ 2015 Redistributable Package (x64) is not installed

Status:

Download MySQL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Check Requirements

The following products have failing requirements. MySQL Installer will attempt to resolve some of this automatically. Requirements marked as manual cannot be resolved automatically. Click on those items to try and resolve them manually.

For Product	Requirement	Status
○ MySQL Server 8.0.11	Microsoft Visual C++ 2015 Redistrib...	INSTL...
		Manual

ere is nothing you
(x64) is not installed
Microsoft Visual C++ 2015 Redistributable (x64) - 14.0.24123 Setup

Microsoft Visual C++ 2015 Redistributable (x64) - 14.0.24123

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Install
Close

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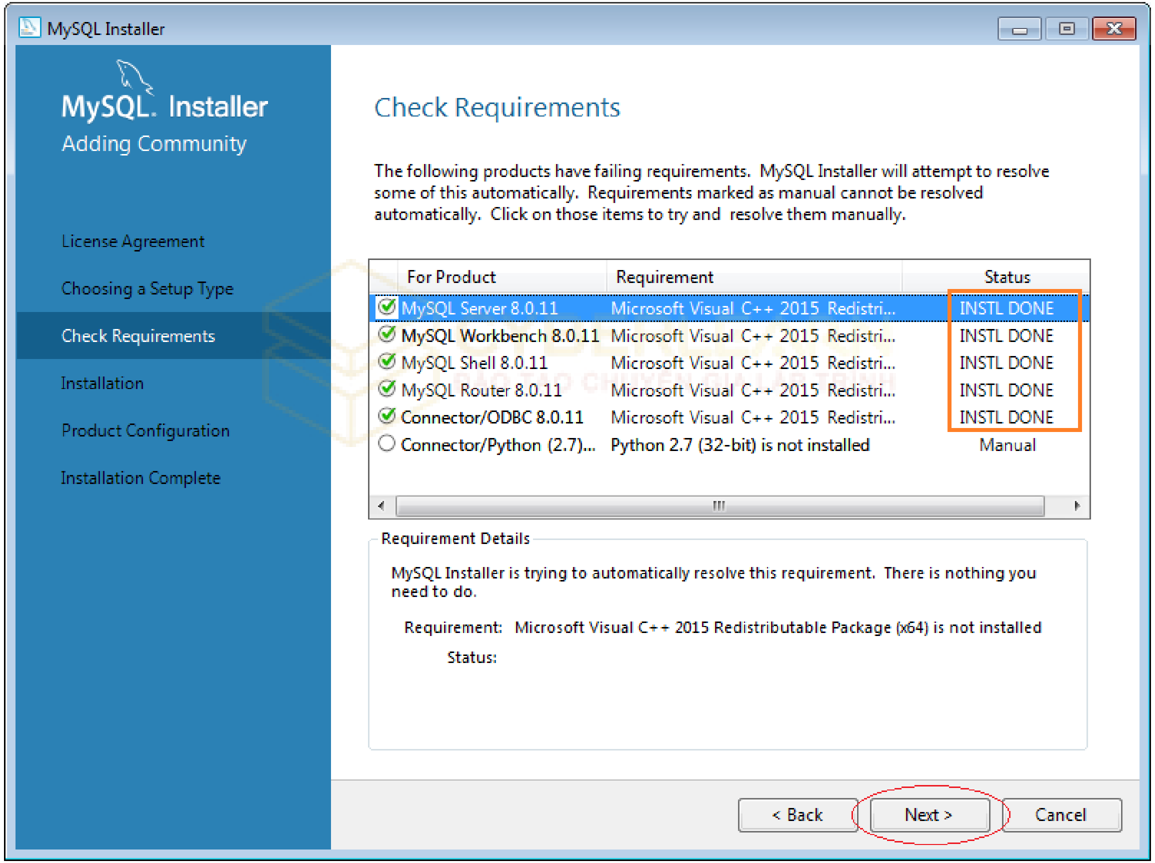
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Product Configuration
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Check Requirements

The following products have failing requirements. MySQL Installer will attempt to resolve some of this automatically. Requirements marked as manual cannot be resolved automatically. Click on those items to try and resolve them manually.

	For Product	Requirement	Status
✓	MySQL Server 8.0.11	Microsoft Visual C++ 2015 Redistri...	INSTL DONE
✓	MySQL Workbench 8.0.11	Microsoft Visual C++ 2015 Redistri...	INSTL DONE
✓	MySQL Shell 8.0.11	Microsoft Visual C++ 2015 Redistri...	INSTL DONE
✓	MySQL Router 8.0.11	Microsoft Visual C++ 2015 Redistri...	INSTL DONE
✓	Connector/ODBC 8.0.11	Microsoft Visual C++ 2015 Redistri...	INSTL DONE
○	Connector/Python (2.7)...	Python 2.7 (32-bit) is not installed	Manual

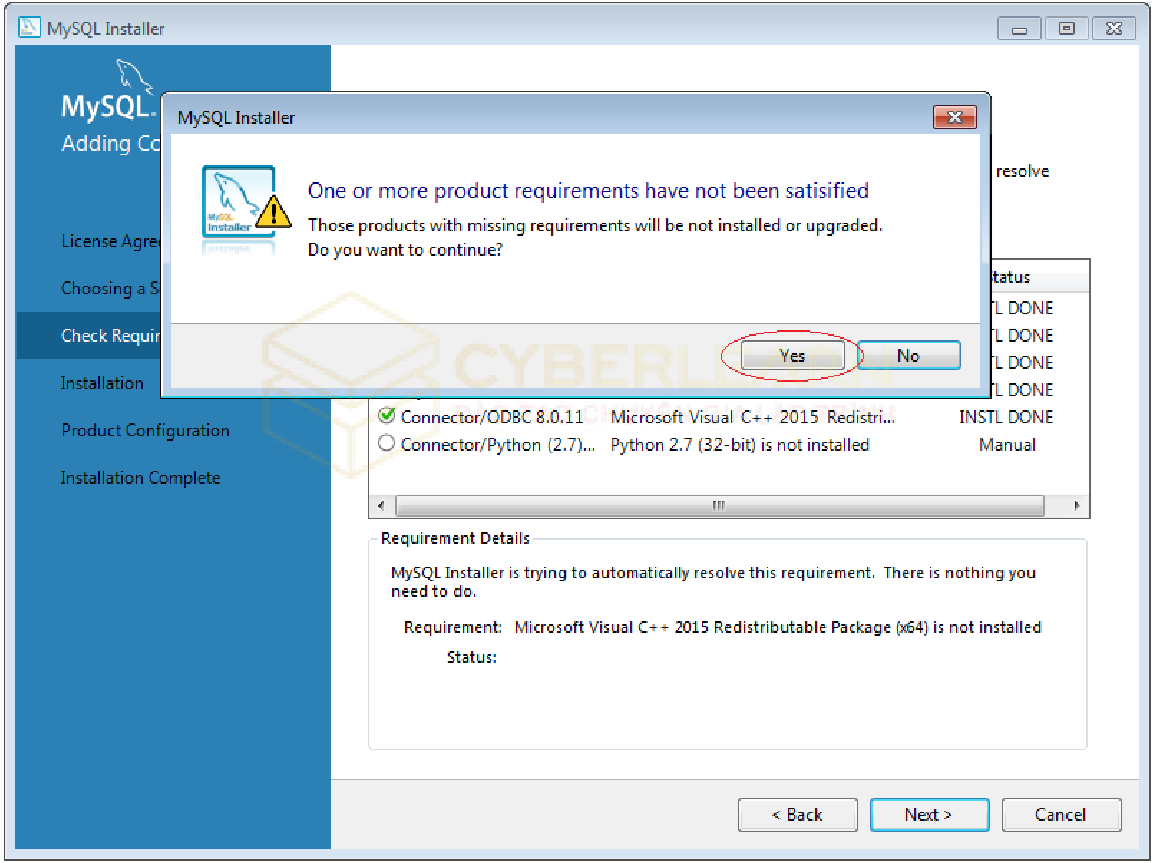
Requirement Details

MySQL Installer is trying to automatically resolve this requirement. There is nothing you need to do.

Requirement: Microsoft Visual C++ 2015 Redistributable Package (x64) is not installed

Status:

Download MySQL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Product Configuration
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MySQL Installer
Yes
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Next >
Cancel

One or more product requirements have not been satisified

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

resolve

		tatus
		L DONE
		L DONE
		L DONE
		L DONE
☑ Connector/ODBC 8.0.11	Microsoft Visual C++ 2015 Redistri...	INSTL DONE
○ Connector/Python (2.7)...	Python 2.7 (32-bit) is not installed	Manual

Requirement Details

MySQL Installer is trying to automatically resolve this requirement. There is nothing you need to do.

Requirement: Microsoft Visual C++ 2015 Redistributable Package (x64) is not installed

Status:

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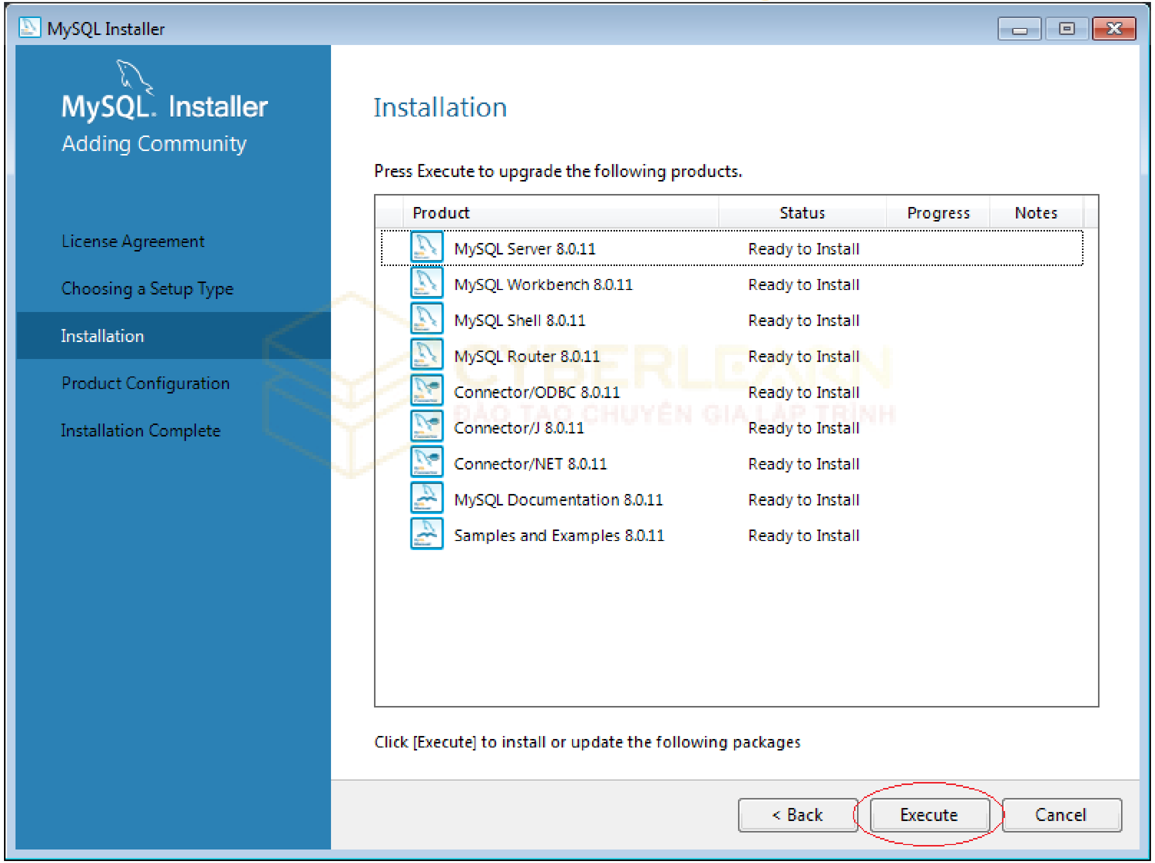
MySQL Installer
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Adding Community
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Choosing a Setup Type
Installation
Product Configuration
Installation Complete
< Back
Execute
Cancel

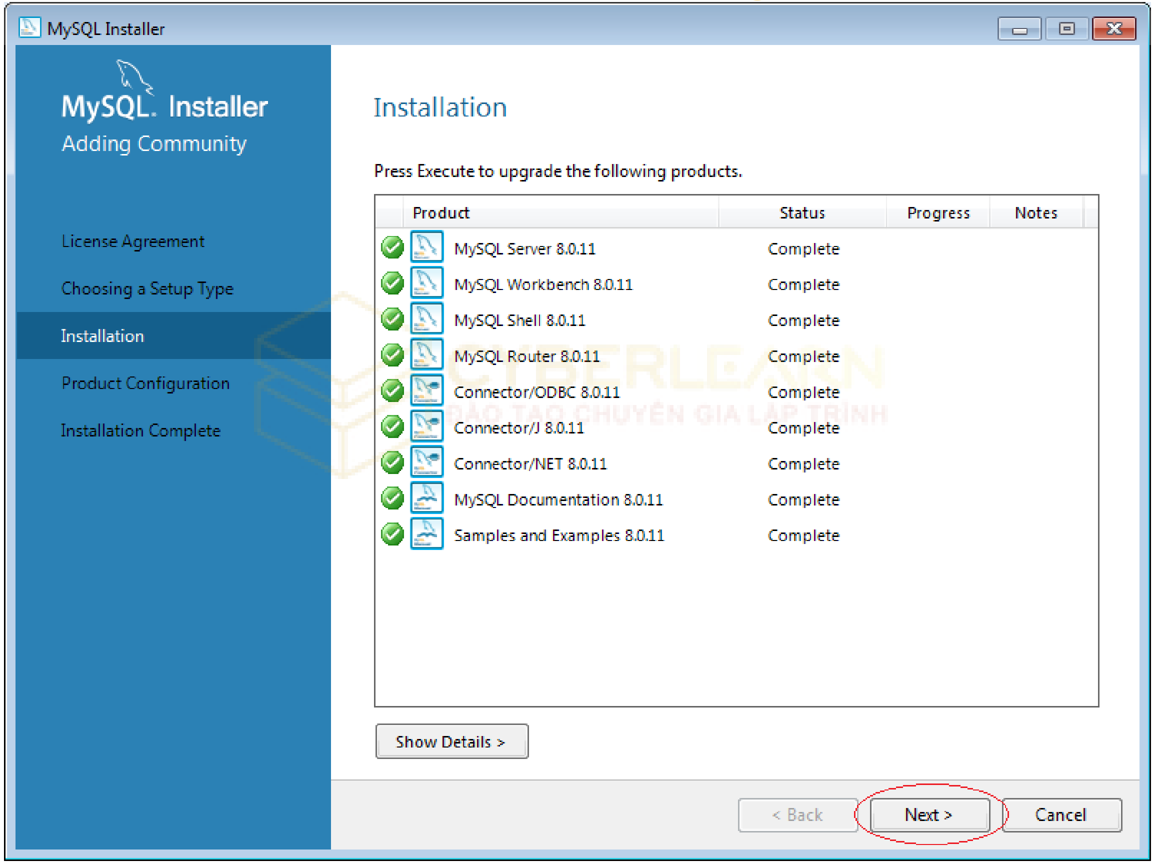
Installation

Press Execute to upgrade the following products.

Product	Status	Progress	Notes
MySQL Server 8.0.11	Ready to Install		
MySQL Workbench 8.0.11	Ready to Install		
MySQL Shell 8.0.11	Ready to Install		
MySQL Router 8.0.11	Ready to Install		
Connector/ODBC 8.0.11	Ready to Install		
Connector/J 8.0.11	Ready to Install		
Connector/NET 8.0.11	Ready to Install		
MySQL Documentation 8.0.11	Ready to Install		
Samples and Examples 8.0.11	Ready to Install		

Click [Execute] to install or update the following packages

Download MySQL


MySQL Installer
MySQL. Installer
Adding Community
License Agreement
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Show Details >
< Back
Next >
Cancel

Installation

Press Execute to upgrade the following products.

Product	Status	Progress	Notes
✓ MySQL Server 8.0.11	Complete		
✓ MySQL Workbench 8.0.11	Complete		
✓ MySQL Shell 8.0.11	Complete		
✓ MySQL Router 8.0.11	Complete		
✓ Connector/ODBC 8.0.11	Complete		
✓ Connector/J 8.0.11	Complete		
✓ Connector/NET 8.0.11	Complete		
✓ MySQL Documentation 8.0.11	Complete		
✓ Samples and Examples 8.0.11	Complete		

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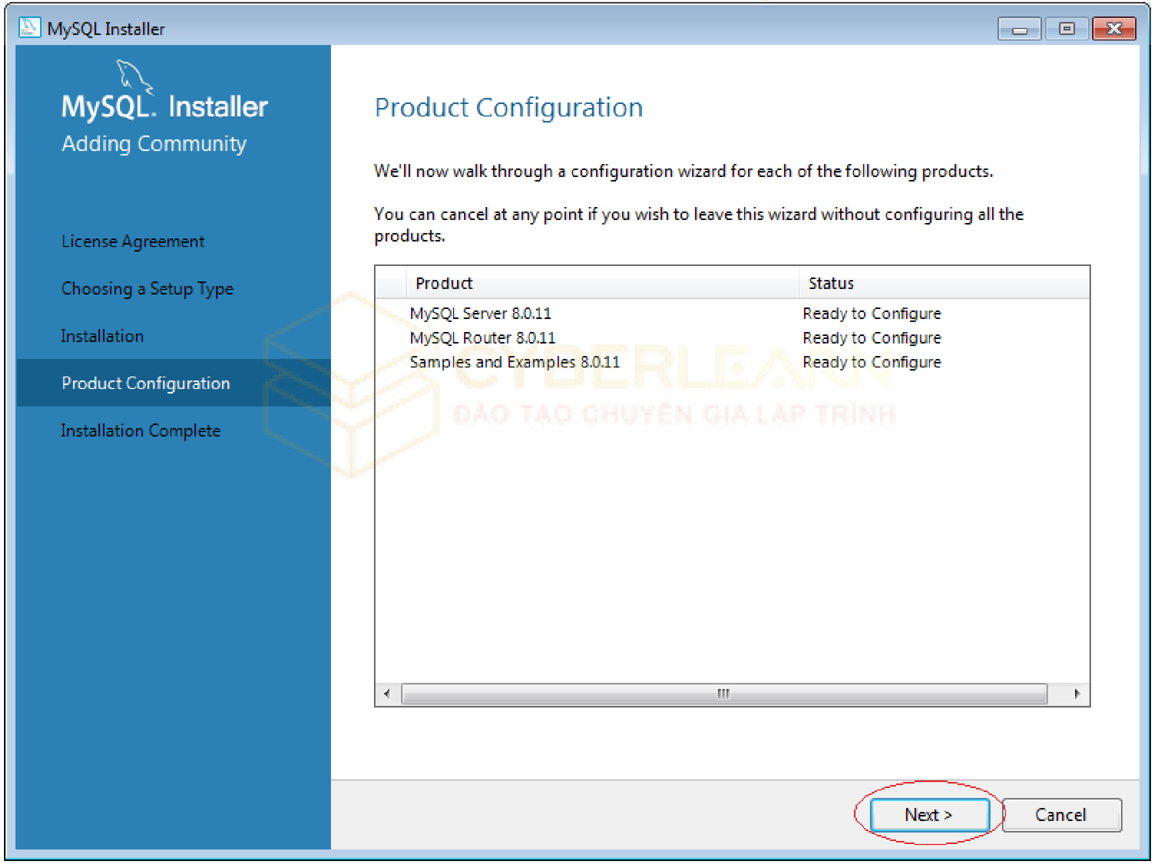

MySQL Installer
MySQL. Installer
Adding Community
License Agreement
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Next >
Cancel

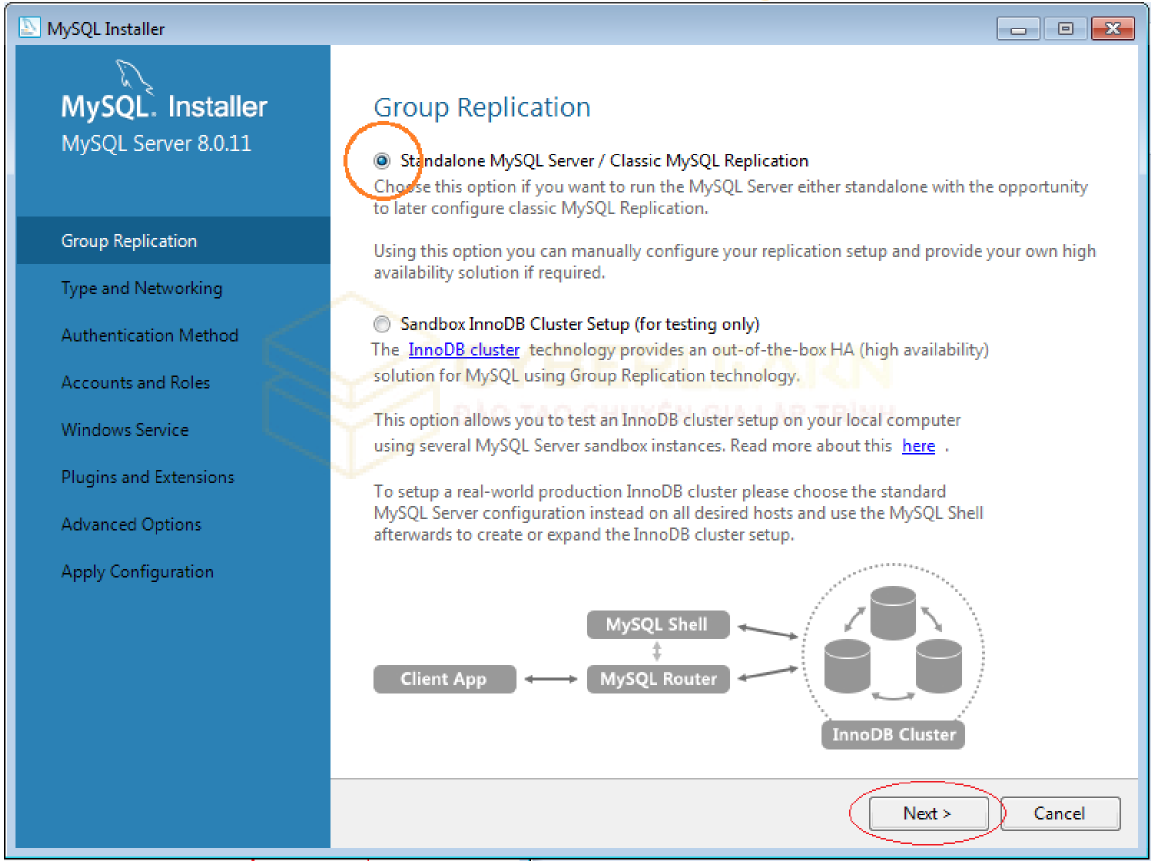
Product Configuration

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 8.0.11	Ready to Configure
MySQL Router 8.0.11	Ready to Configure
Samples and Examples 8.0.11	Ready to Configure

Download MySQL


MySQL Installer
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Accounts and Roles
Windows Service
Plugins and Extensions
Advanced Options
Apply Configuration
MySQL Shell
Client App
MySQL Router
InnoDB Cluster
Next >
Cancel

Group Replication

● Standalone MySQL Server / Classic MySQL Replication

Choose this option if you want to run the MySQL Server either standalone with the opportunity to later configure classic MySQL Replication.

Using this option you can manually configure your replication setup and provide your own high availability solution if required.

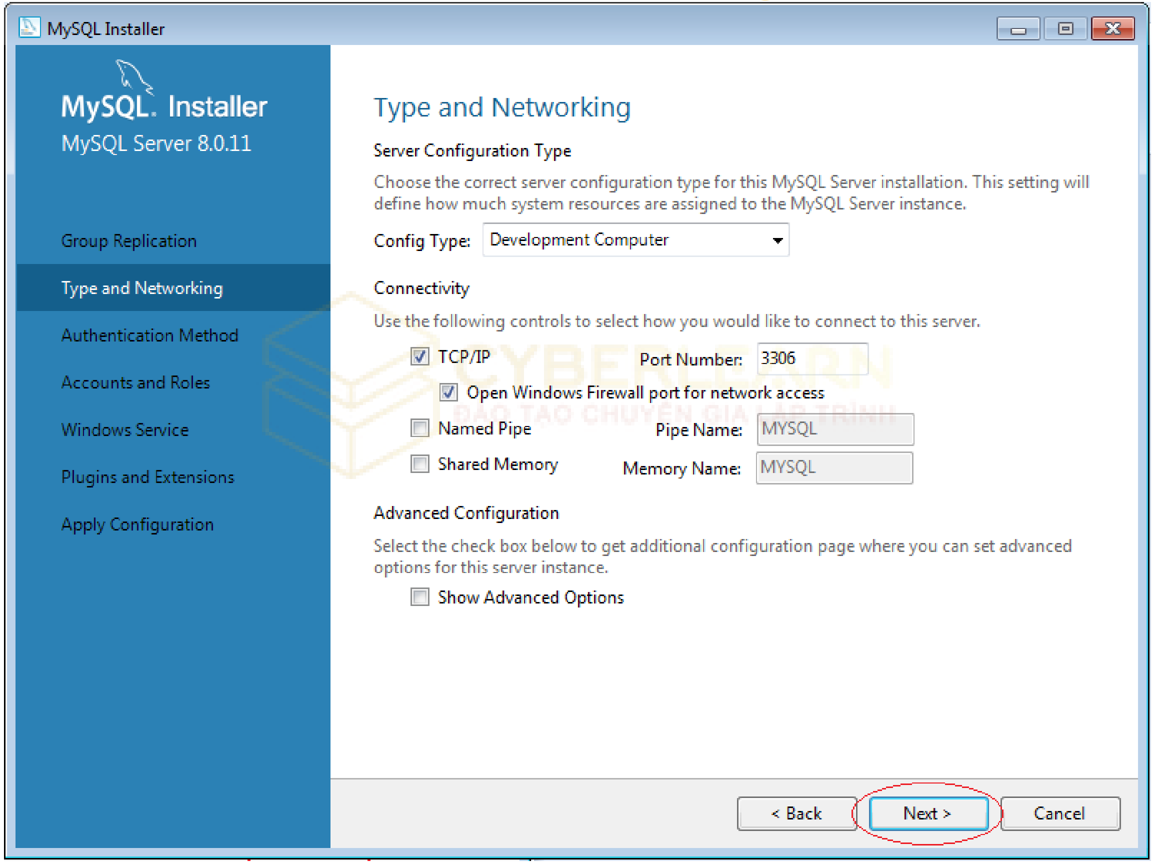
○ Sandbox InnoDB Cluster Setup (for testing only)

The InnoDB cluster technology provides an out-of-the-box HA (high availability) solution for MySQL using Group Replication technology.

This option allows you to test an InnoDB cluster setup on your local computer using several MySQL Server sandbox instances. Read more about this here .

To setup a real-world production InnoDB cluster please choose the standard MySQL Server configuration instead on all desired hosts and use the MySQL Shell afterwards to create or expand the InnoDB cluster setup.

Download MySQL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Authentication Method
Accounts and Roles
Windows Service
Plugins and Extensions
Apply Configuration
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Cancel

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 Number: 3306

☑ Open Windows Firewall port for network access

☐ Named Pipe Pipe Name: MYSQL

☐ Shared Memory Memory Name: MYSQL

Advanced Configuration

Select the check box below to get additional configuration page where you can set advanced options for this server instance.

☐ Show Advanced Options

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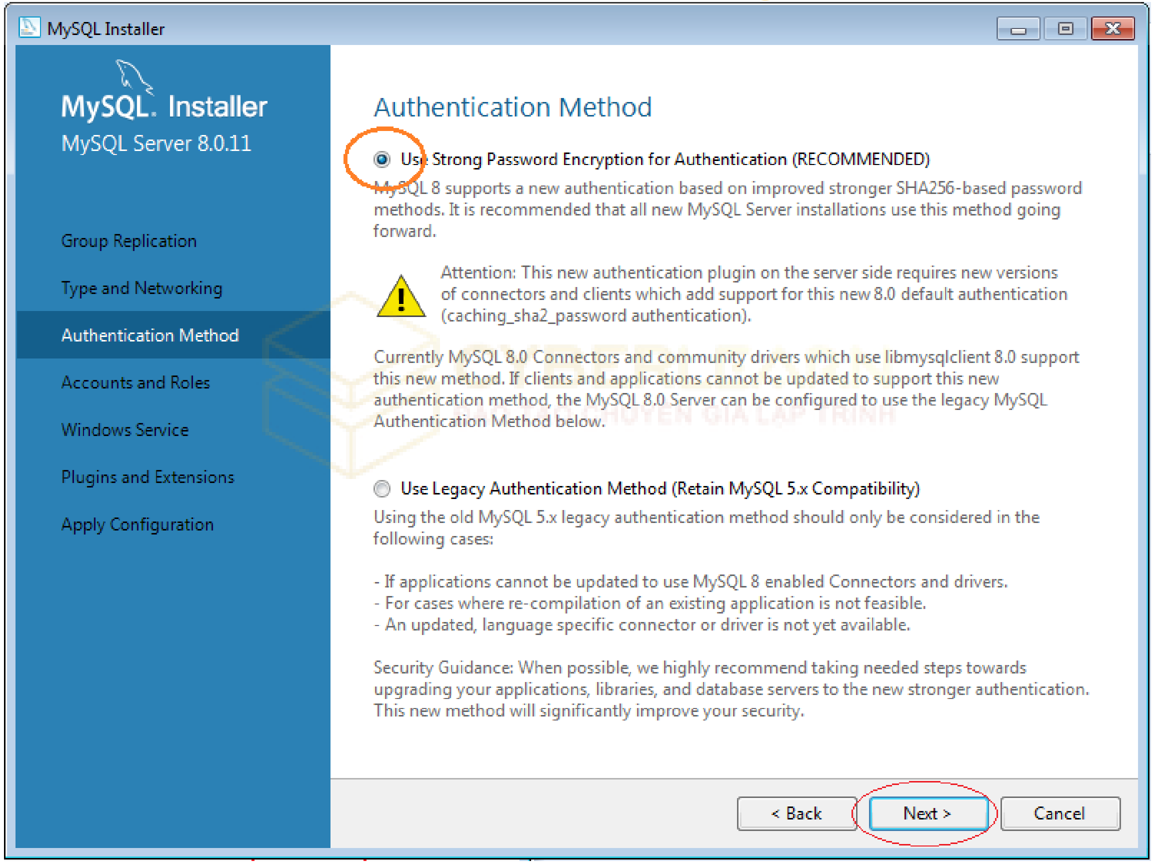
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Authentication Method

● 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.

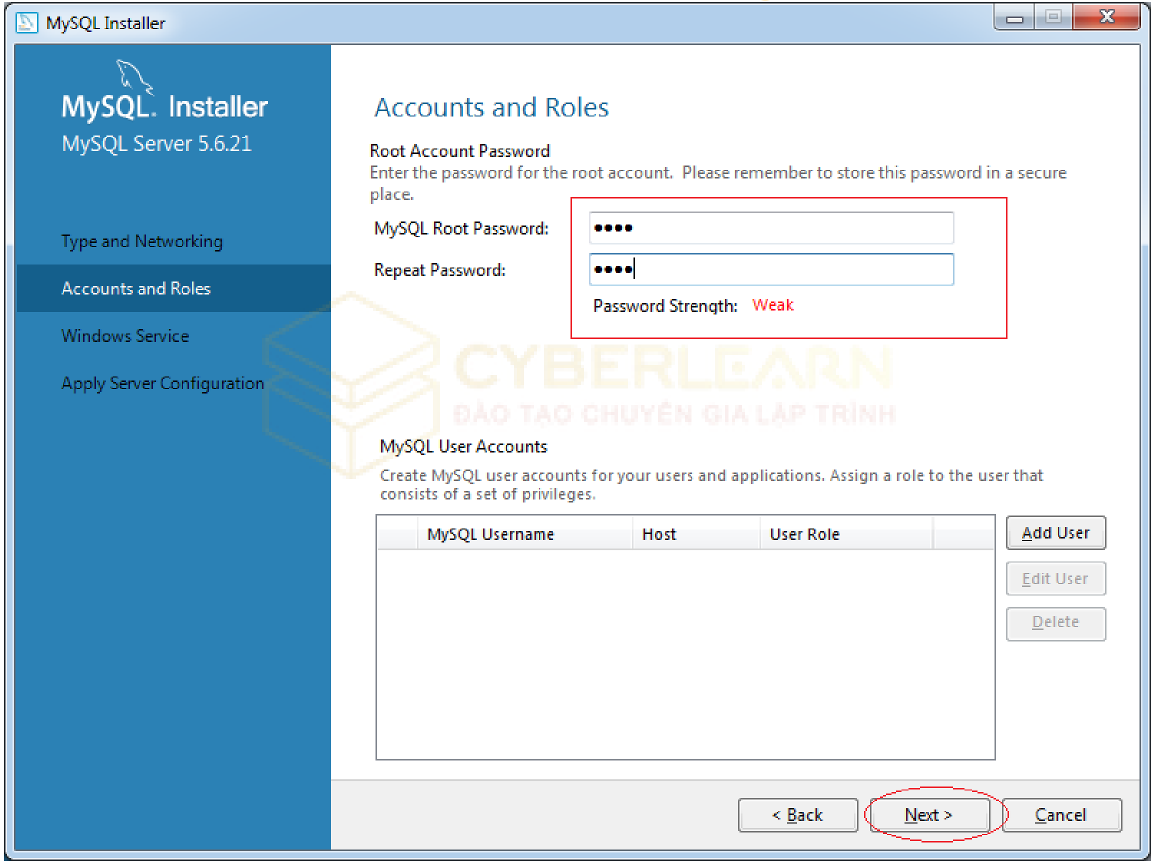
○ Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)

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.

Download MySQL


MySQL Installer
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MySQL Server 5.6.21
Type and Networking
Accounts and Roles
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Apply Server 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 Username	Host	User Role

Add User
Edit User
Delete
< Back
Next >
Cancel

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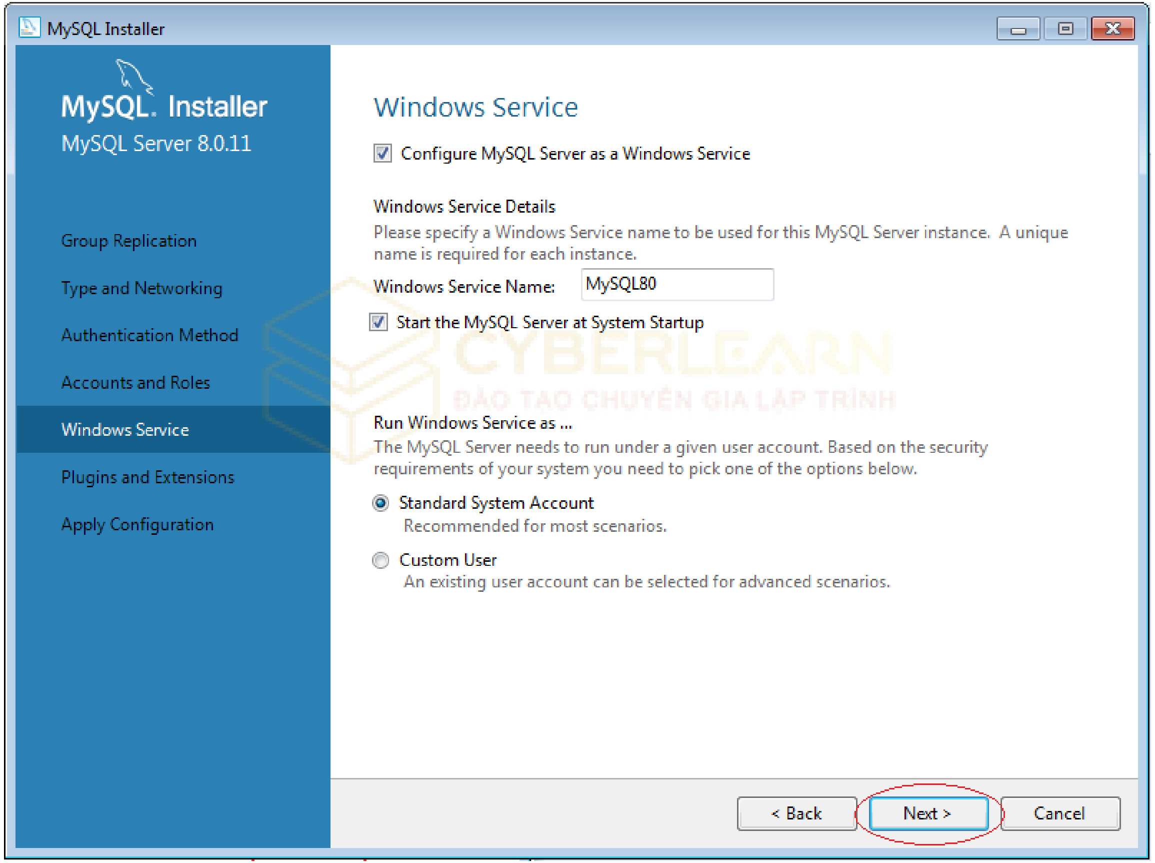

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Windows Service

☑ 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

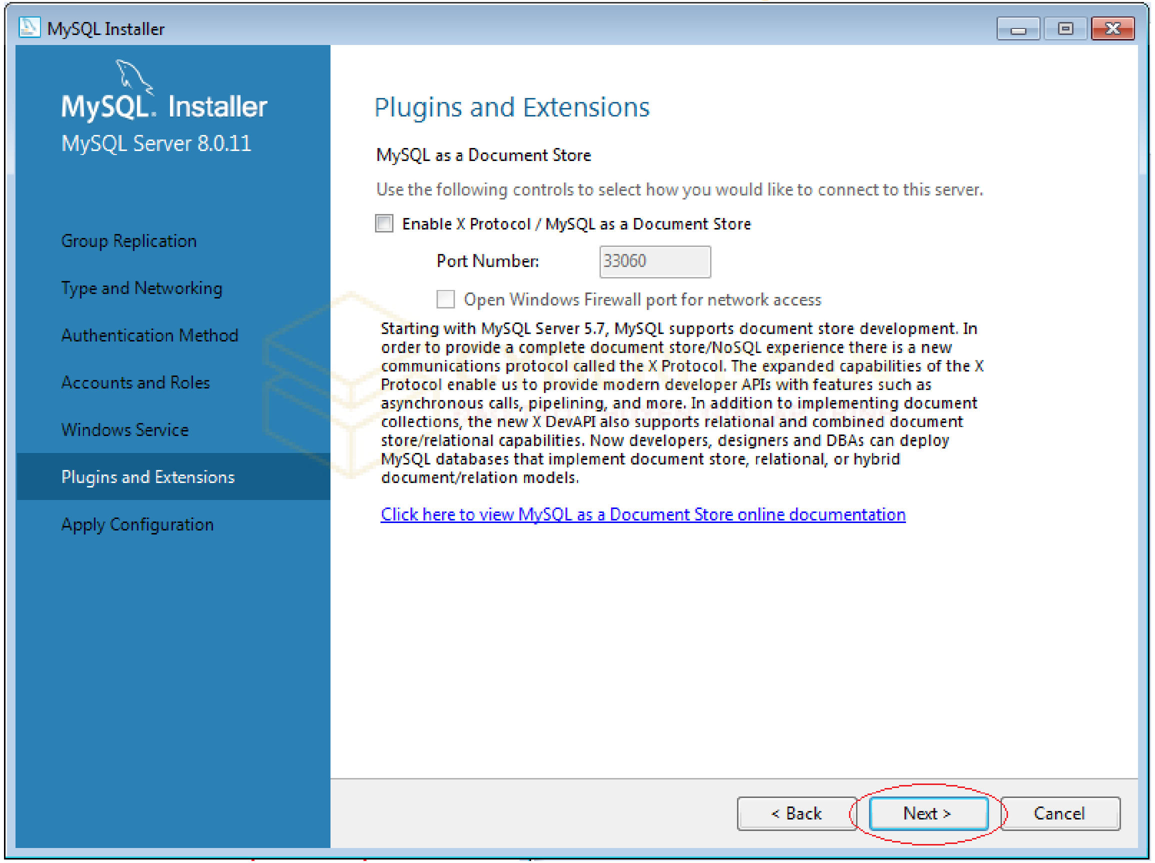
Run Windows Service as ...

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.

Download MySQL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Apply Configuration
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Plugins and Extensions

MySQL as a Document Store

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

☐ Enable X Protocol / MySQL as a Document Store

Port Number: 33060

☐ Open Windows Firewall port for network access

Starting with MySQL Server 5.7, MySQL supports document store development. In order to provide a complete document store/NoSQL experience there is a new communications protocol called the X Protocol. The expanded capabilities of the X Protocol enable us to provide modern developer APIs with features such as asynchronous calls, pipelining, and more. In addition to implementing document collections, the new X DevAPI also supports relational and combined document store/relational capabilities. Now developers, designers and DBAs can deploy MySQL databases that implement document store, relational, or hybrid document/relation models.

Click here to view MySQL as a Document Store online documentation

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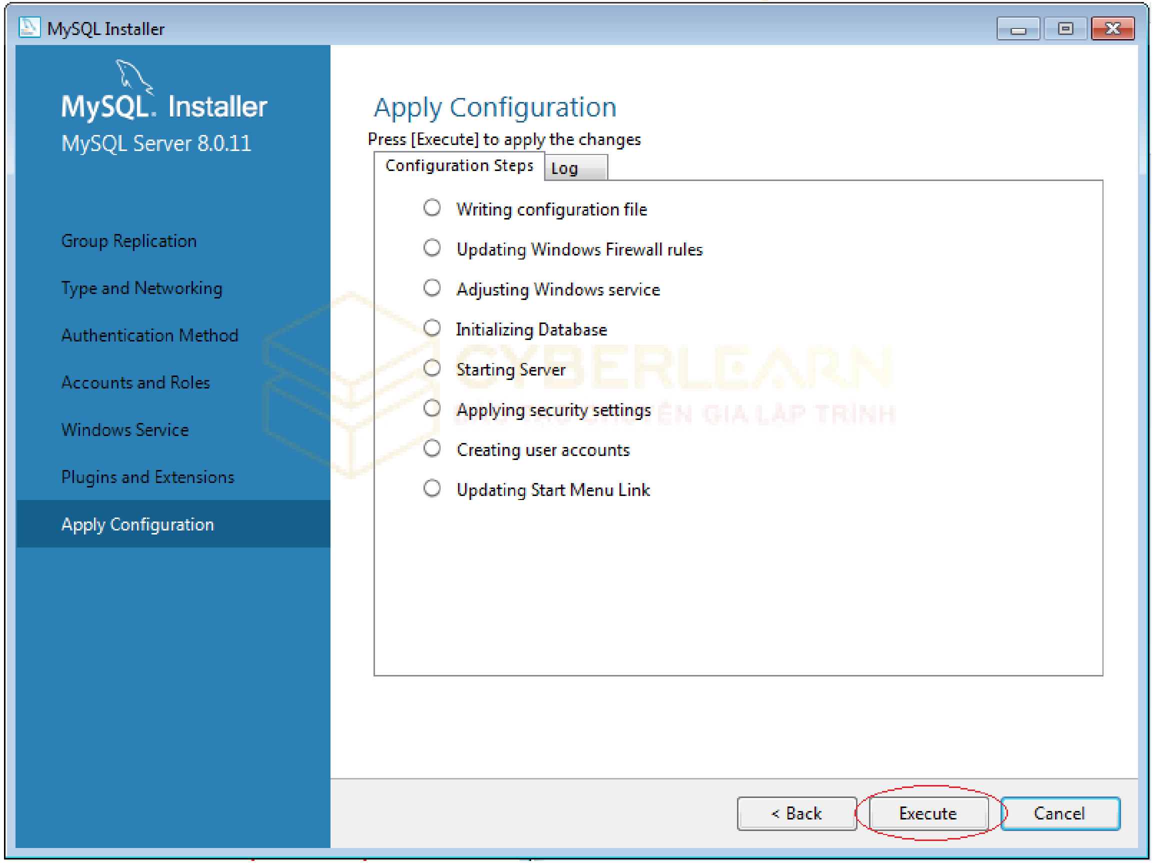
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Type and Networking
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Apply Configuration
Configuration Steps
Log
< Back
Execute
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Apply Configuration

Press [Execute] to apply the changes

- ○ Writing configuration file
- ○ Updating Windows Firewall rules
- ○ Adjusting Windows service
- ○ Initializing Database
- ○ Starting Server
- ○ Applying security settings
- ○ Creating user accounts
- ○ Updating Start Menu Link

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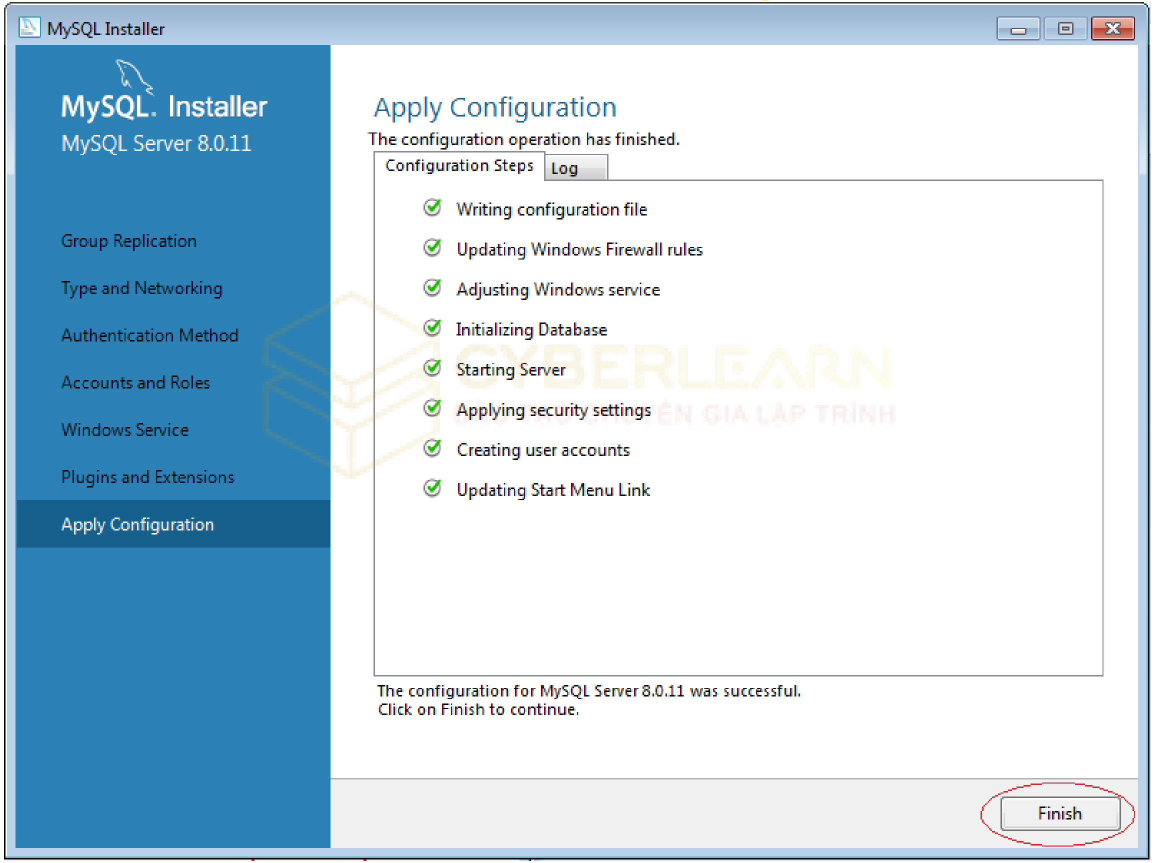

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MySQL Server 8.0.11
Group Replication
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Plugins and Extensions
Apply Configuration
Configuration Steps
Log
Finish

Apply Configuration

The configuration operation has finished.

- ✓ Writing configuration file
- ✓ Updating Windows Firewall rules
- ✓ Adjusting Windows service
- ✓ Initializing Database
- ✓ Starting Server
- ✓ Applying security settings
- ✓ Creating user accounts
- ✓ Updating Start Menu Link

The configuration for MySQL Server 8.0.11 was successful.
Click on Finish to continue.

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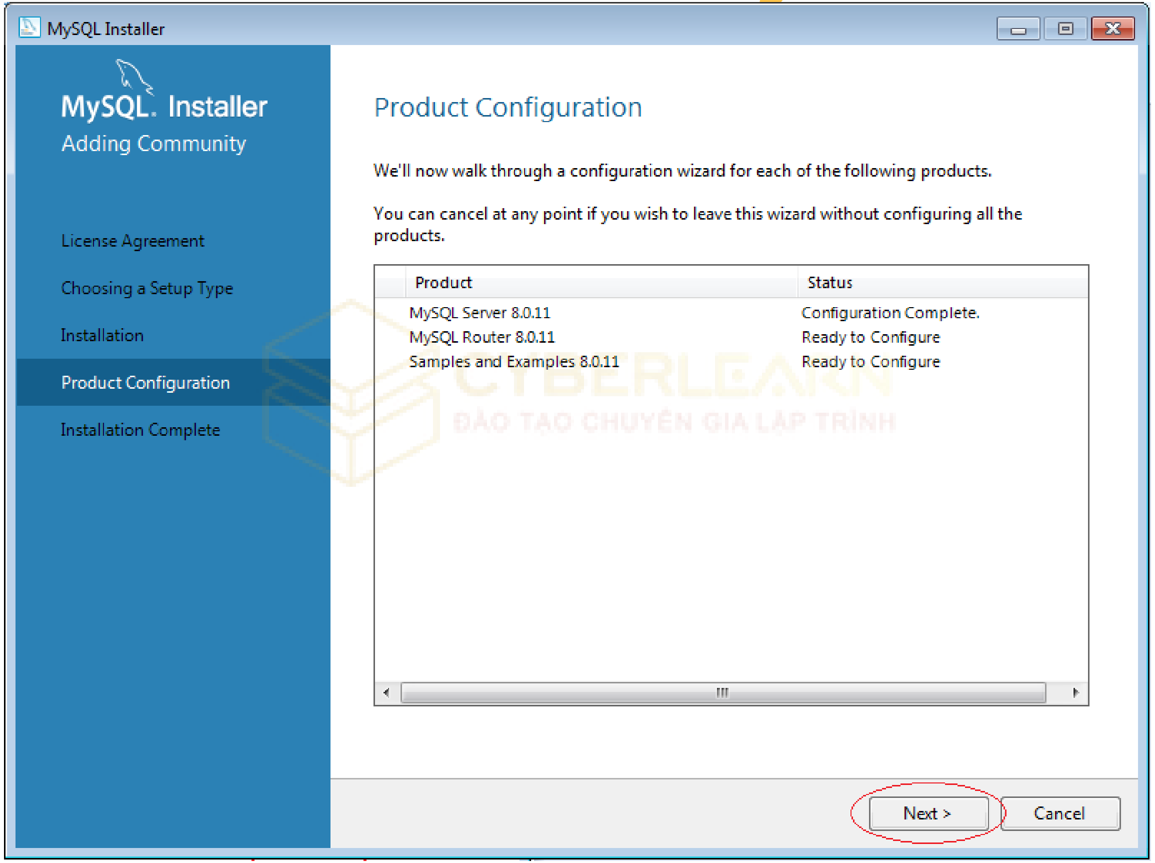
MySQL Installer
MySQL. Installer
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License Agreement
Choosing a Setup Type
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Installation Complete
Next >
Cancel

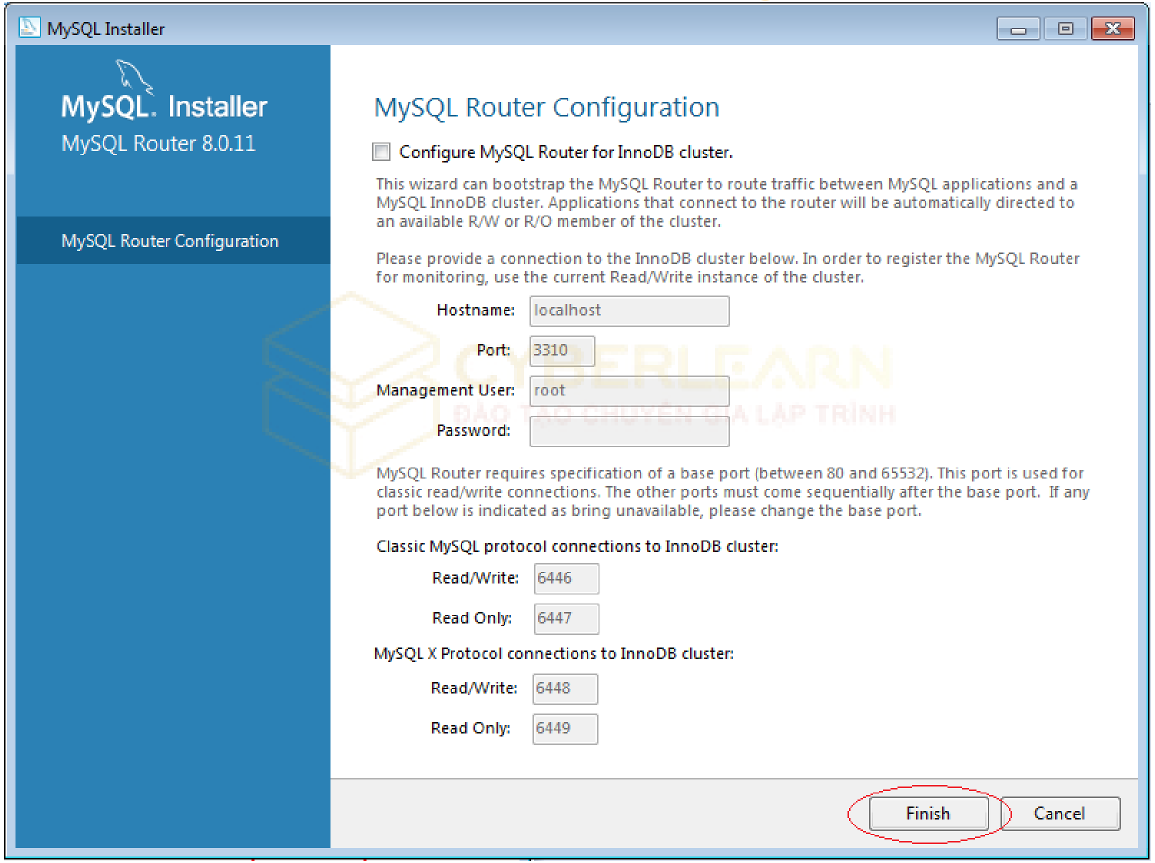
Product Configuration

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 8.0.11	Configuration Complete.
MySQL Router 8.0.11	Ready to Configure
Samples and Examples 8.0.11	Ready to Configure

Download MySQL



MySQL Router Configuration

☐ Configure MySQL Router for InnoDB cluster.

This wizard can bootstrap the MySQL Router to route traffic between MySQL applications and a MySQL InnoDB cluster. Applications that connect to the router will be automatically directed to an available R/W or R/O member of the cluster.

Please provide a connection to the InnoDB cluster below. In order to register the MySQL Router for monitoring, use the current Read/Write instance of the cluster.

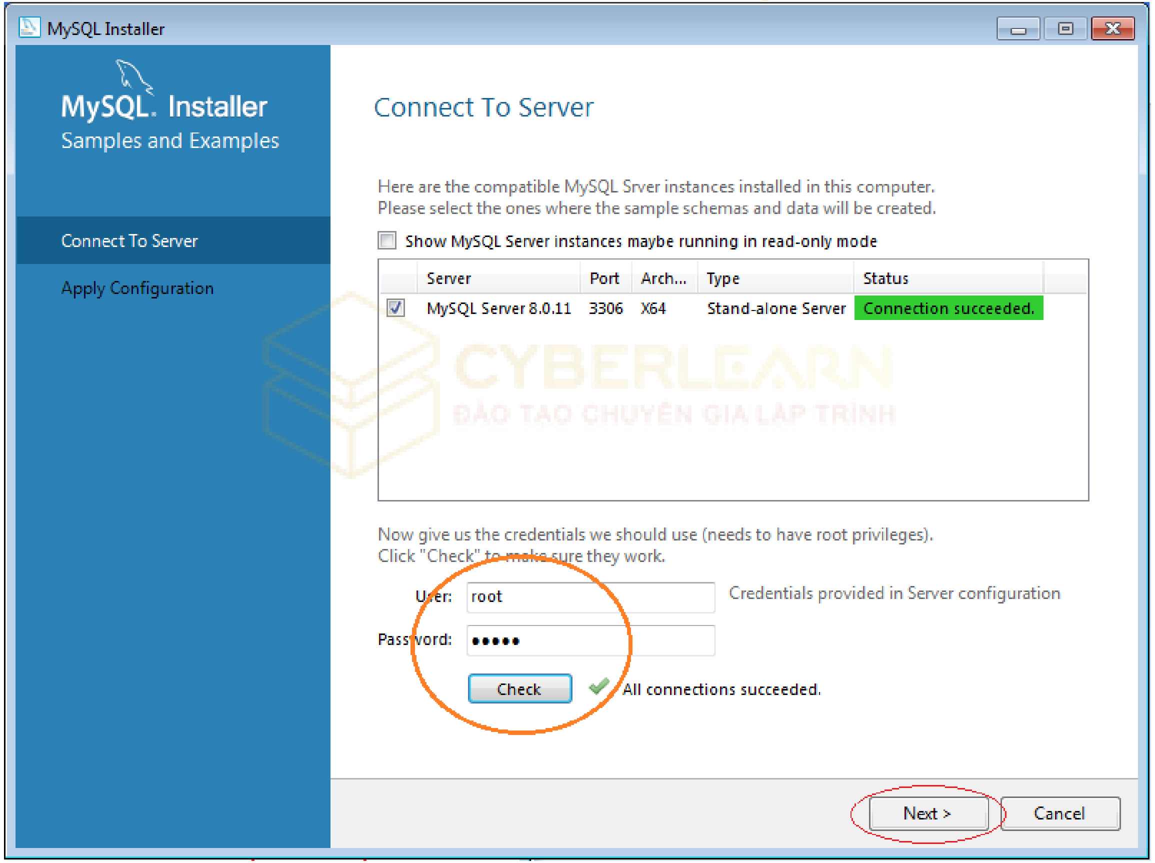
Hostname: localhost
Port: 3310
Management User: root
Password:

MySQL Router requires specification of a base port (between 80 and 65532). This port is used for classic read/write connections. The other ports must come sequentially after the base port. If any port below is indicated as bring unavailable, 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

Download MySQL


MySQL Installer
MySQL. Installer
Samples and Examples
Connect To Server
Apply Configuration
Check
Next >
Cancel

Connect To Server

Here are the compatible MySQL Srver instances installed in this computer.
Please select the ones where the sample schemas and data will be created.

☐ Show MySQL Server instances maybe running in read-only mode

	Server	Port	Arch...	Type	Status
☑	MySQL Server 8.0.11	3306	X64	Stand-alone Server	Connection succeeded.

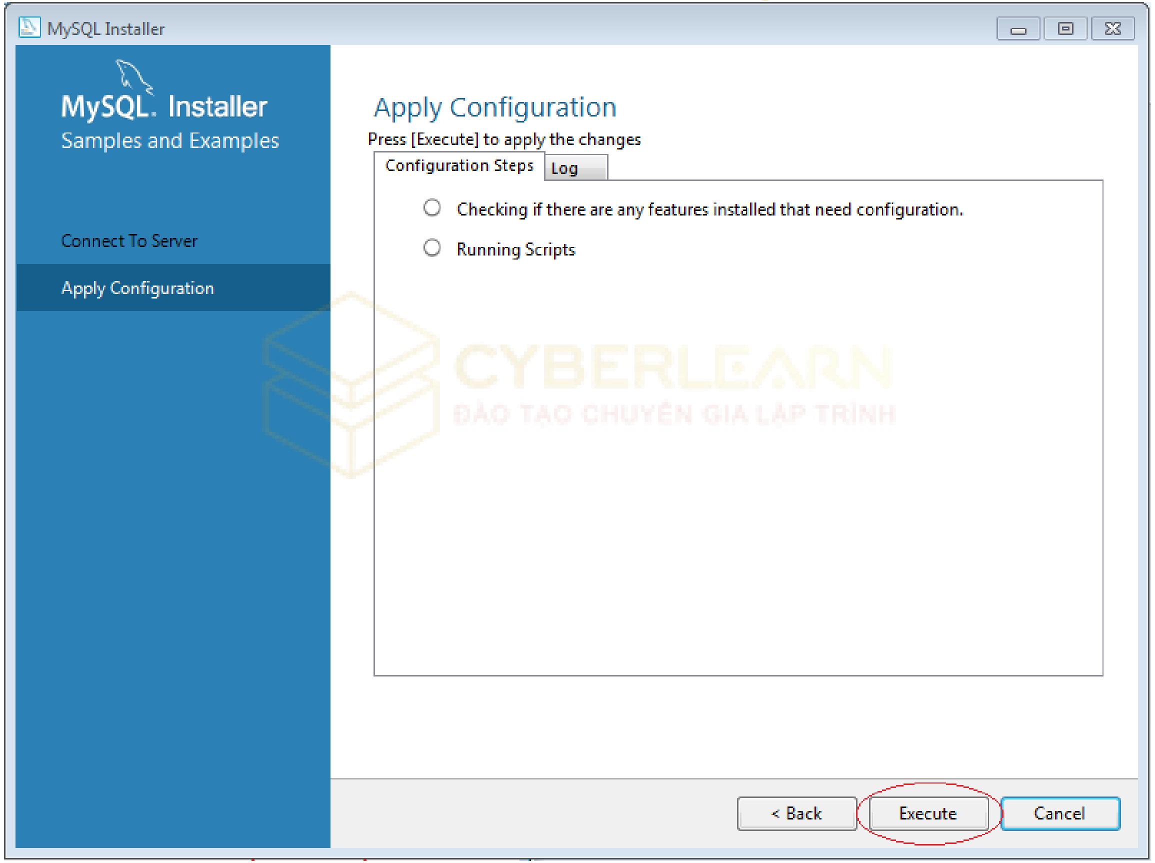
Now give us the credentials we should use (needs to have root privileges).
Click "Check" to make sure they work.

User: root
Password: ●●●●●

Credentials provided in Server configuration

✓ All connections succeeded.

Download MySQL



MySQL Installer
MySQL. Installer
Samples and Examples
Connect To Server
Apply Configuration
Configuration Steps
Log
< Back
Execute
Cancel

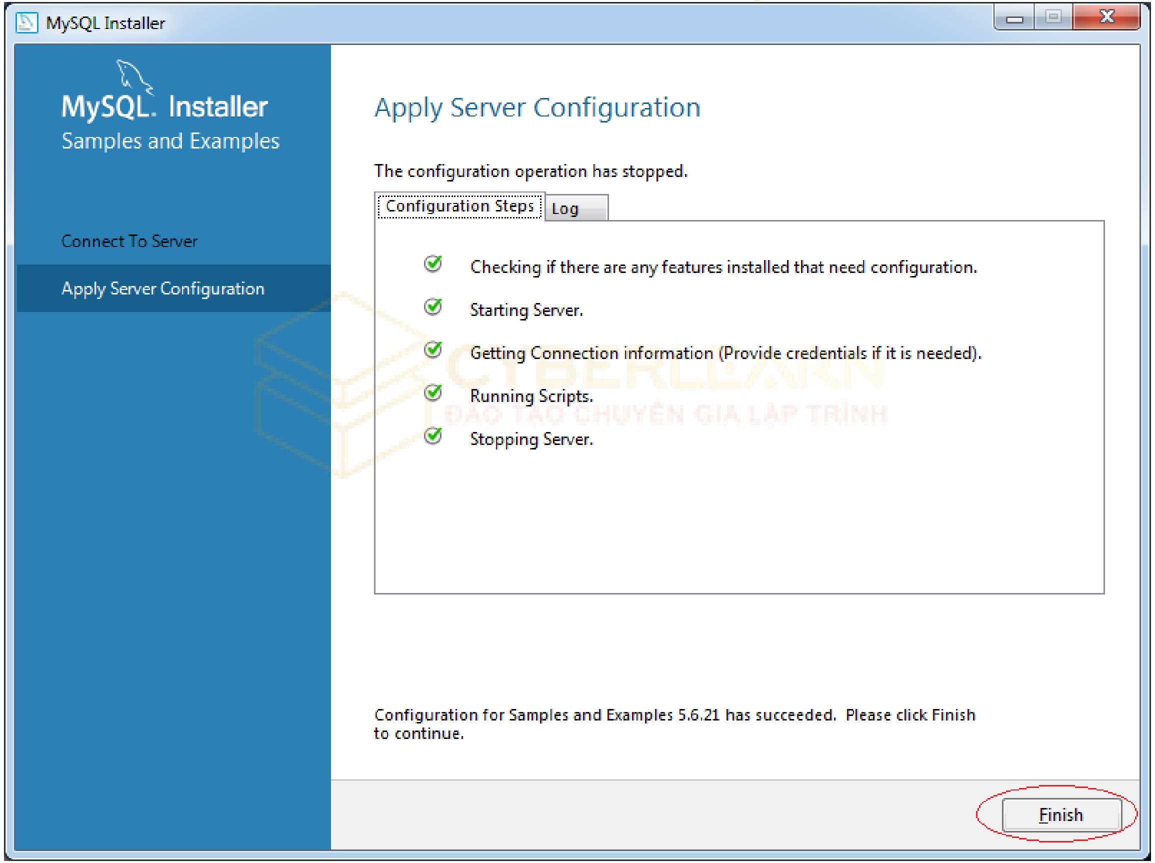
Apply Configuration

Press [Execute] to apply the changes

○ Checking if there are any features installed that need configuration.

○ Running Scripts

Download MySQL



MySQL Installer
MySQL. Installer
Samples and Examples
Connect To Server
Apply Server Configuration

Apply Server Configuration

The configuration operation has stopped.

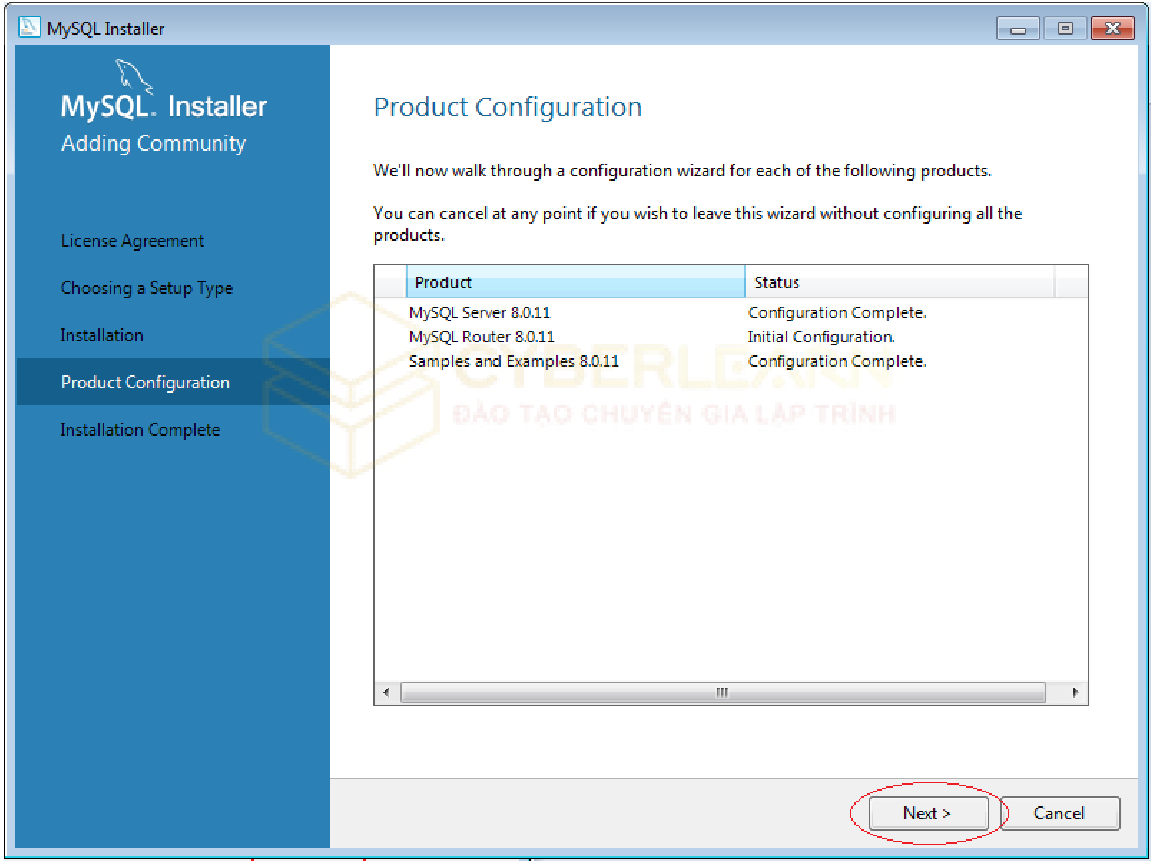
Configuration Steps
Log

- ✓ Checking if there are any features installed that need configuration.
- ✓ Starting Server.
- ✓ Getting Connection information (Provide credentials if it is needed).
- ✓ Running Scripts.
- ✓ Stopping Server.

Configuration for Samples and Examples 5.6.21 has succeeded. Please click Finish to continue.

Finish

Download MySQL



MySQL Installer
MySQL. Installer
Adding Community
License Agreement
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Next >
Cancel

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 8.0.11	Configuration Complete.
MySQL Router 8.0.11	Initial Configuration.
Samples and Examples 8.0.11	Configuration Complete.

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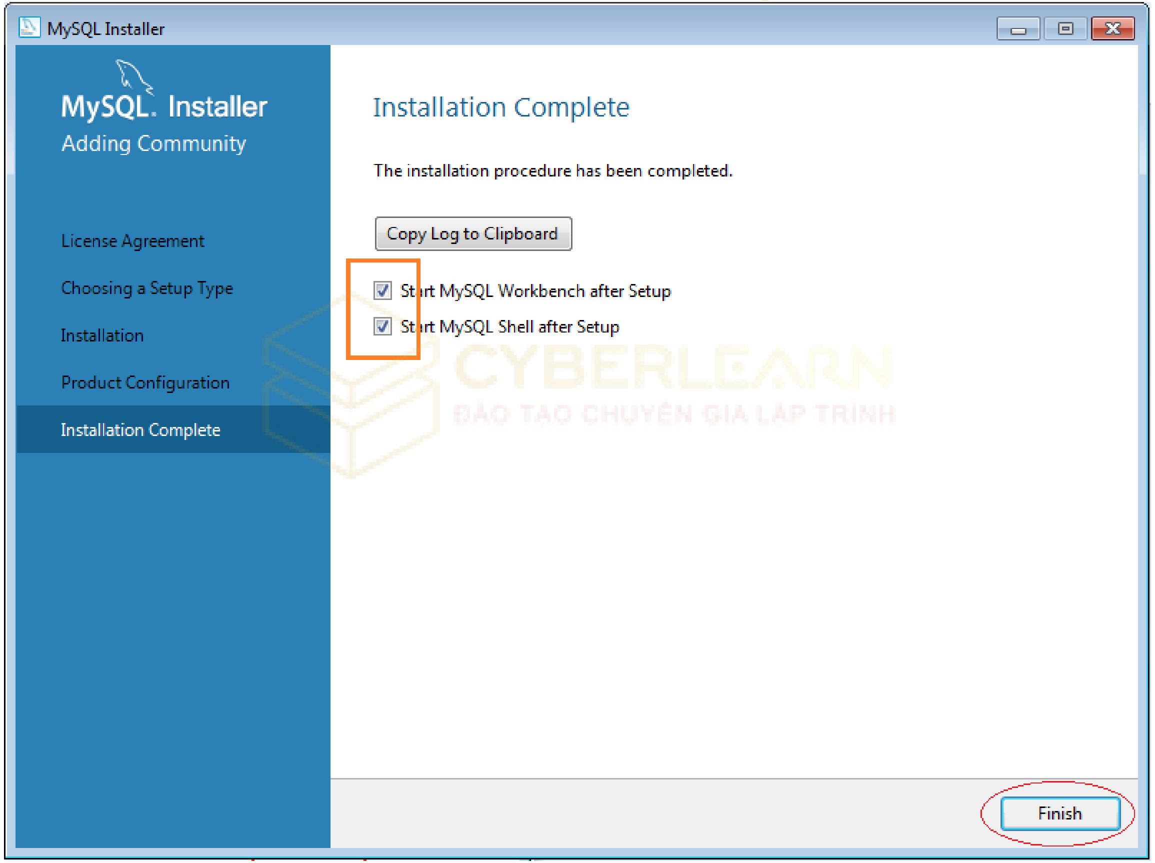

MySQL Installer
MySQL. Installer
Adding Community
License Agreement
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Copy Log to Clipboard
Finish

Installation Complete

The installation procedure has been completed.

☑ Start MySQL Workbench after Setup

☑ Start MySQL Shell after Setup

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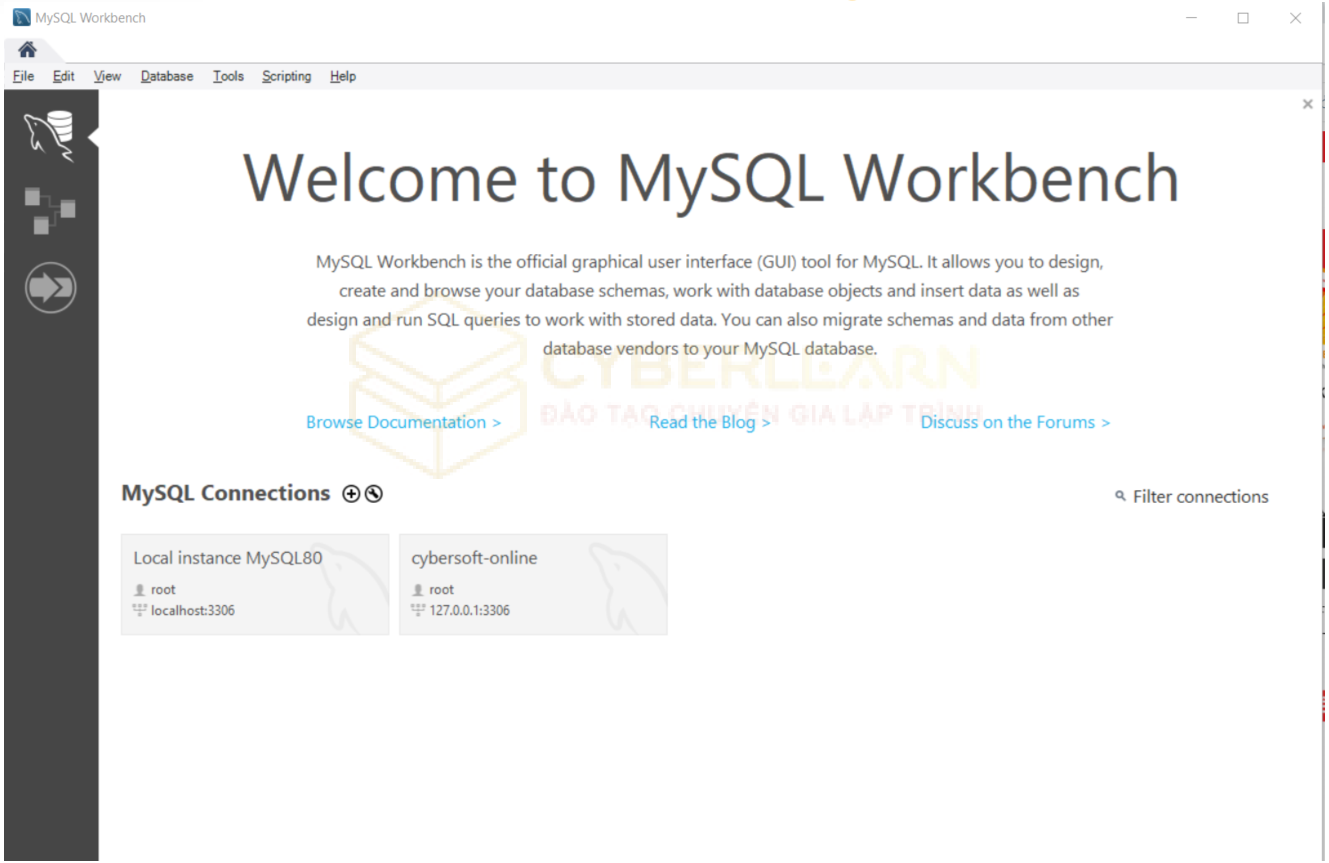
MySQL Workbench
File
Edit
View
Database
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Scripting
Help

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 ⊕ ⊘
Filter connections

Local instance MySQL80
root
localhost:3306

cybersoft-online
root
127.0.0.1:3306

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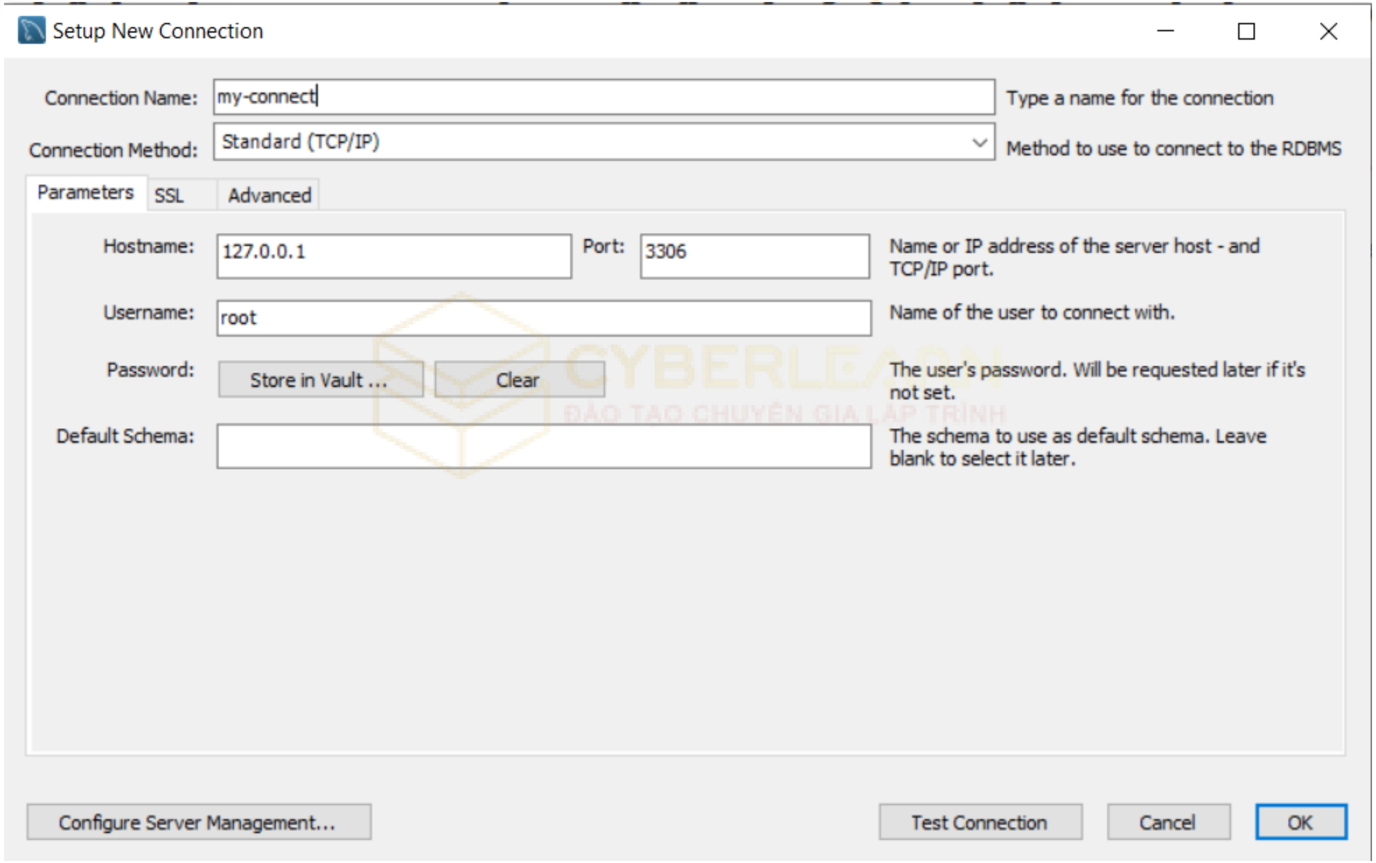
Parameters
SSL
Advanced
Store in Vault ...
Clear
Configure Server Management...
Test Connection
Cancel
OK

Setup New Connection

Connection Name: my-connect — Type a name for the connection

Connection Method: Standard (TCP/IP) — Method to use to connect to the RDBMS

Hostname: 127.0.0.1 Port: 3306 — Name or IP address of the server host - and TCP/IP port.

Username: root — Name of the user to connect with.

Password: — The user's password. Will be requested later if it's not set.

Default Schema: — The schema to use as default schema. Leave blank to select it later.

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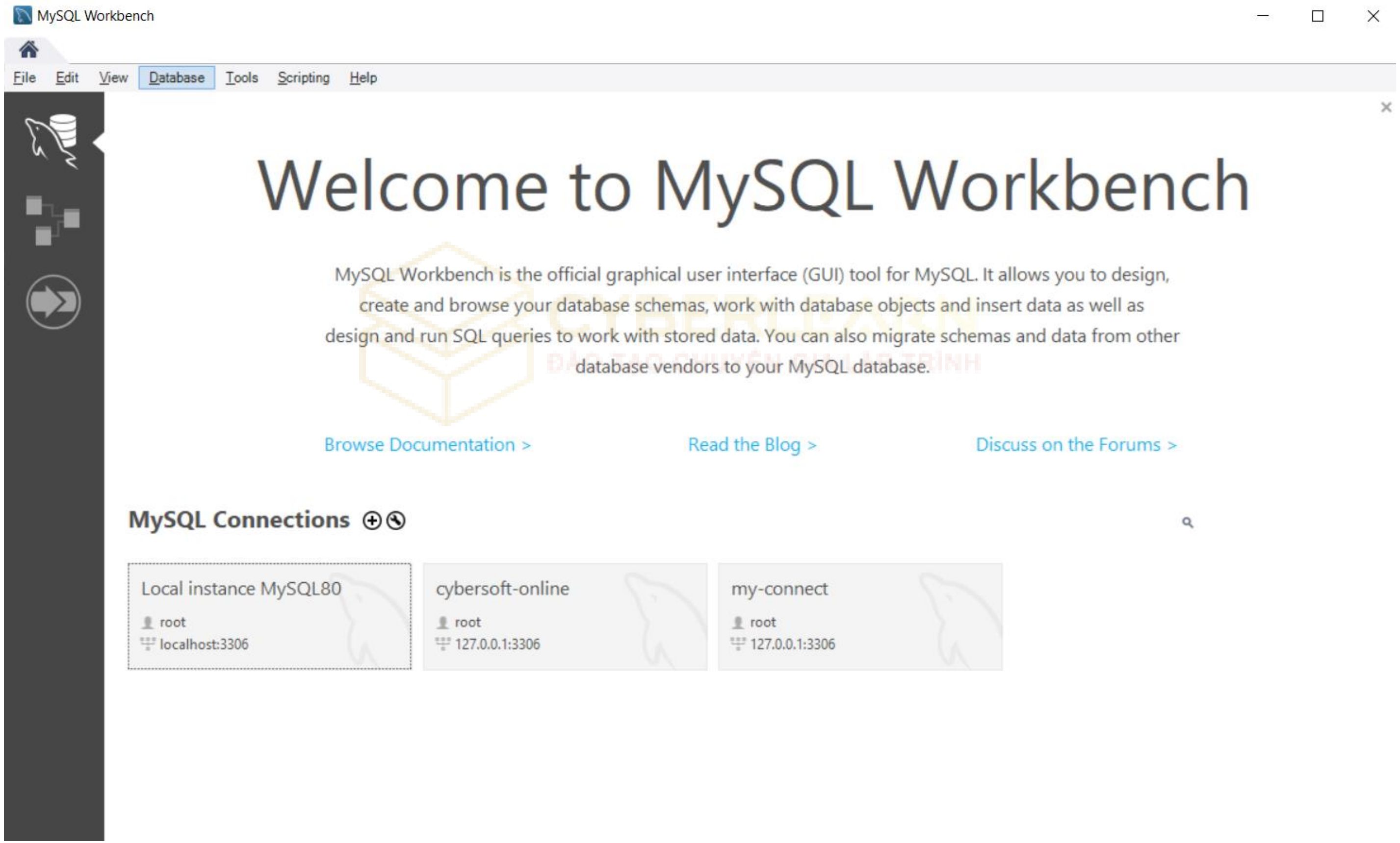
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MySQL Connections ⊕ ⊗

Welcome to MySQL Workbench

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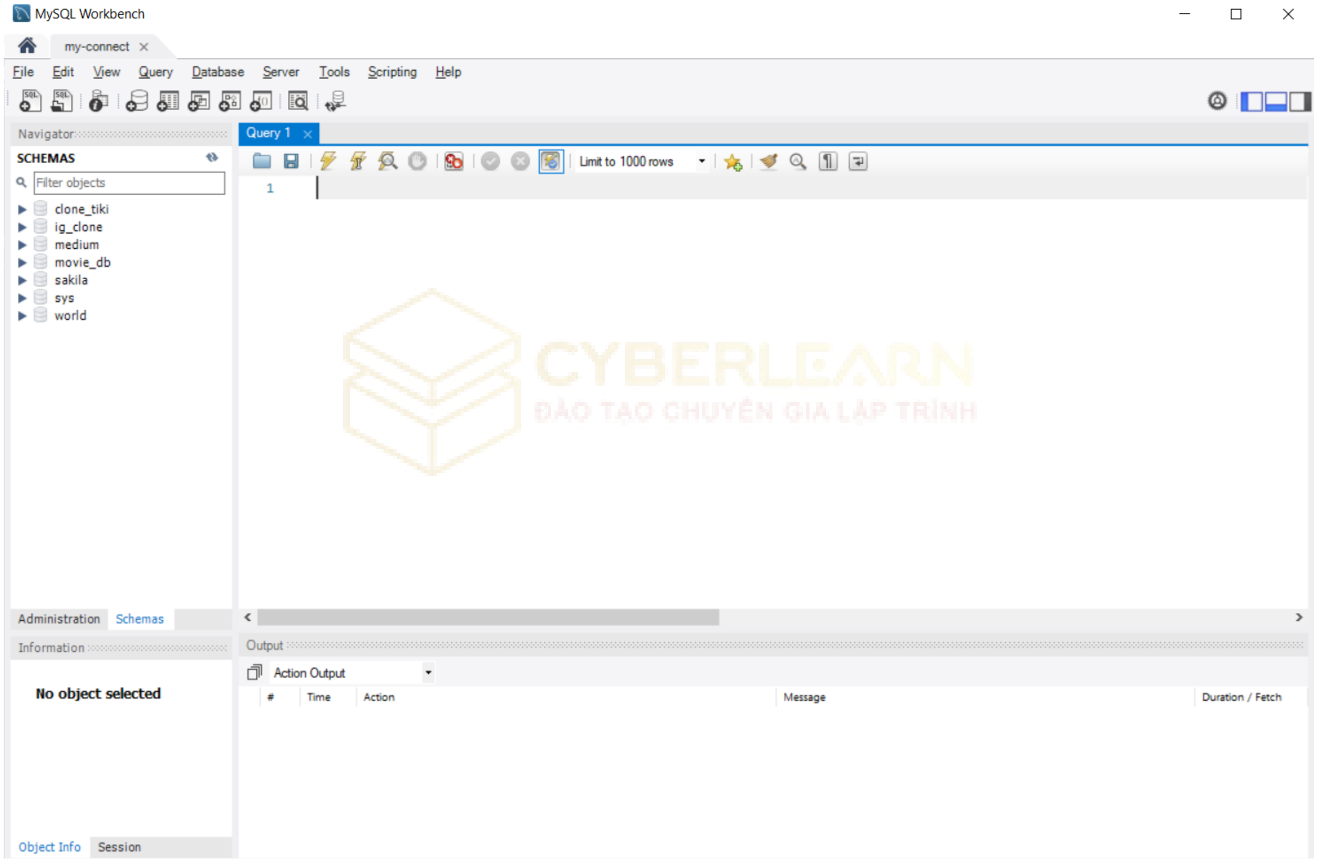
Local instance MySQL80
root
localhost:3306

cybersoft-online
root
127.0.0.1:3306

my-connect
root
127.0.0.1:3306

Download MySQL


MySQL Workbench
my-connect
File Edit View Query Database Server Tools Scripting Help
Navigator
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clone_tiki
ig_clone
medium
movie_db
sakila
sys
world
Administration Schemas
Information
No object selected
Object Info Session
Query 1
Limit to 1000 rows
1
CYBERLEARN
ĐÀO TẠO CHUYÊN GIA LẬP TRÌNH
Output
Action Output
# Time Action Message Duration / Fetch

Happy Hacking