



DBMS설치\_MySQL

# MySQL 설치 #1

MySQL 설치

<https://dev.mysql.com/downloads/>

무료 버전  
Community 선택

## 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 Excel
- MySQL for Visual Studio
- MySQL Notifier
- 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 설치 #2

MySQL Community Downloads

MySQL Community Server

General Availability (GA) Releases Archives

**MySQL Community Server 8.0.27**

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 5.6 the MySQL Installer package replaces the standalone MSI packages.

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


Go to Download Page >


8.0 버전 설치

Looking for previous GA versions?

5.7 버전이 필요한 경우 선택


# MySQL 설치 #3

 MySQL Community Downloads

 MySQL Installer

General Availability (GA) Releases

Archives




MySQL Installer 8.0.27

Select Operating System:  
Microsoft Windows

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.27.1.msi)	8.0.27	2.3M	<a href="#">Download</a>
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.27.1.msi)	8.0.27	470.2M	<a href="#">Download</a>

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

# MySQL 설치 #4

## 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.

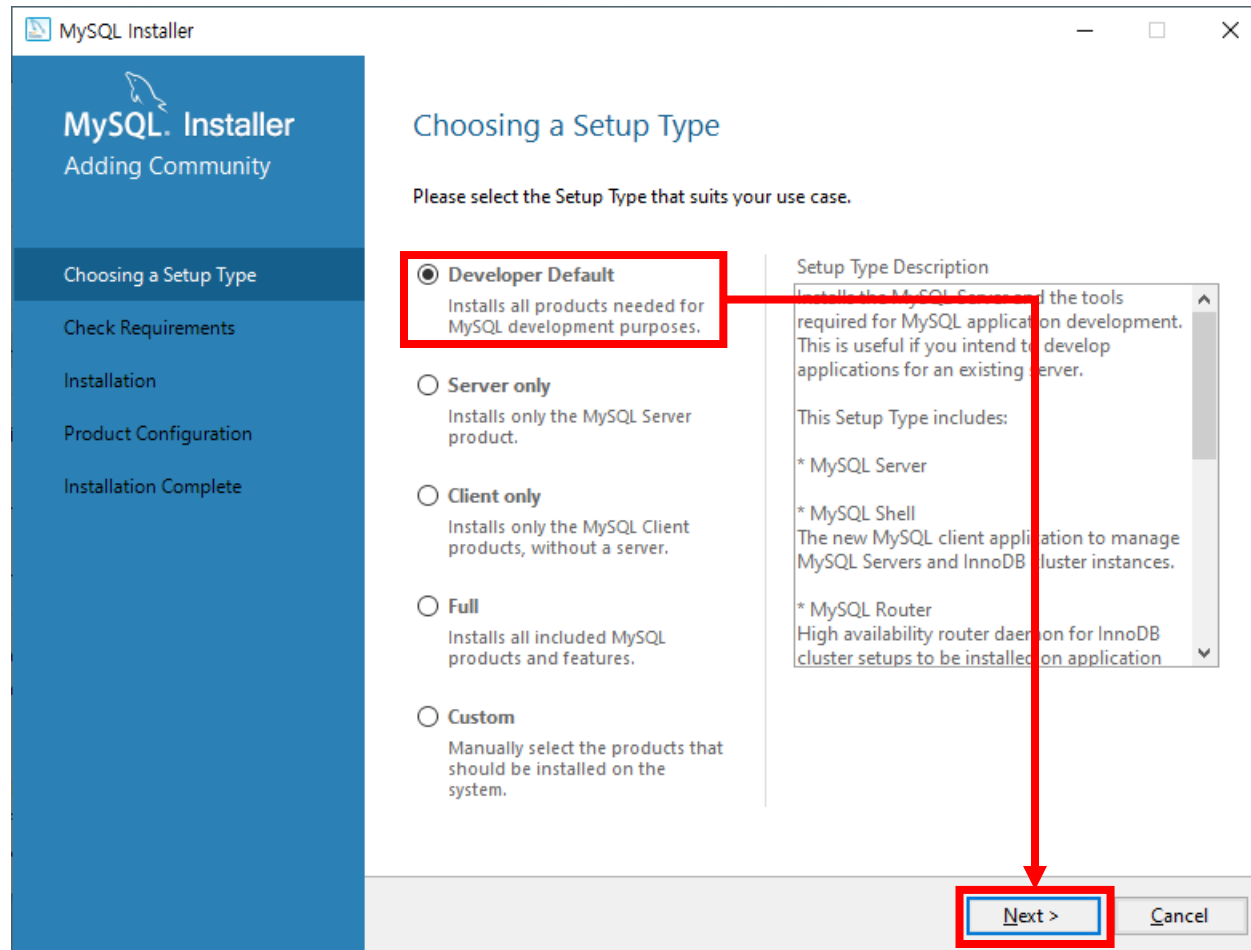
로그인 없이  
설치 가능

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

# MySQL 설치 #5

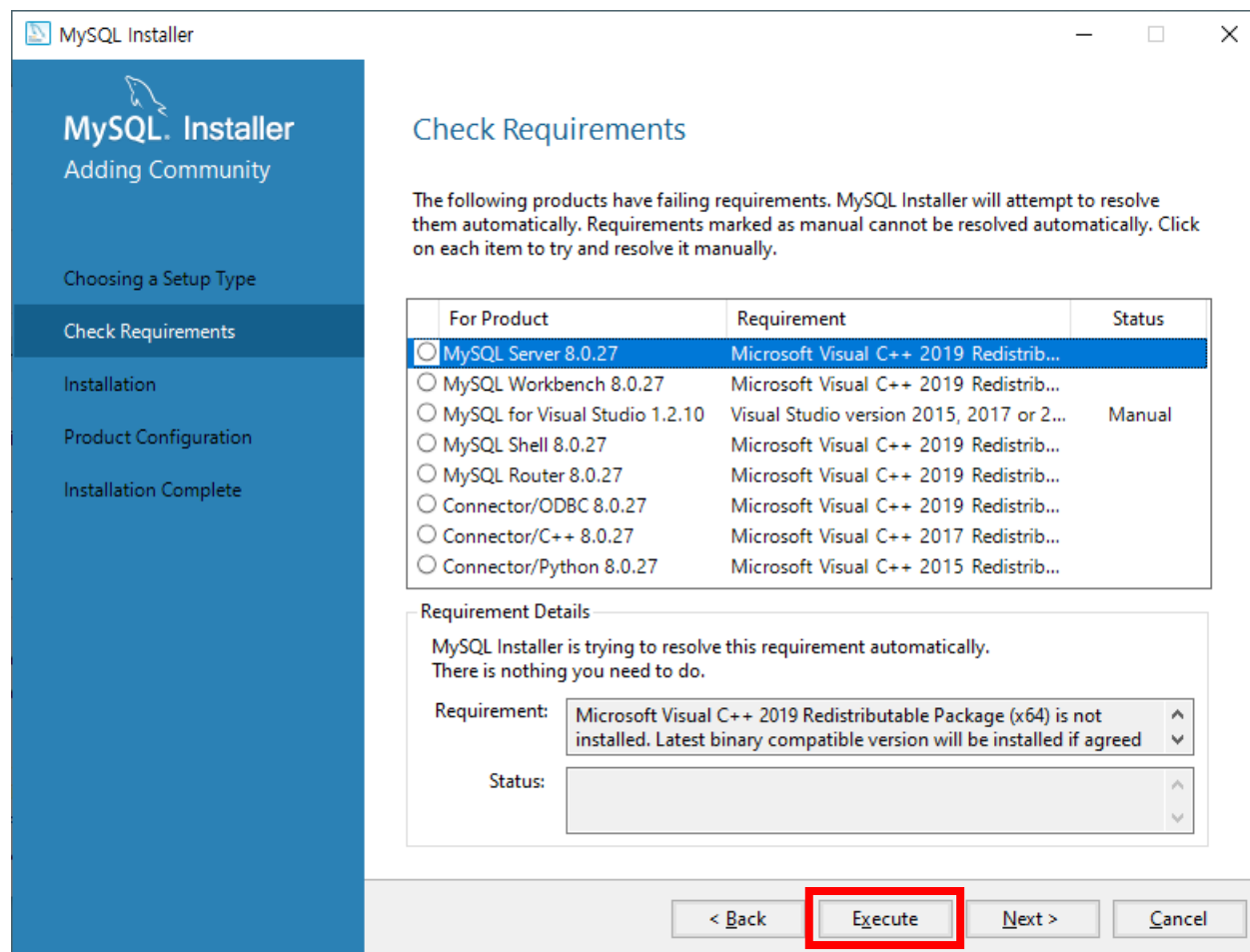
설치 타입

Developer  
Default

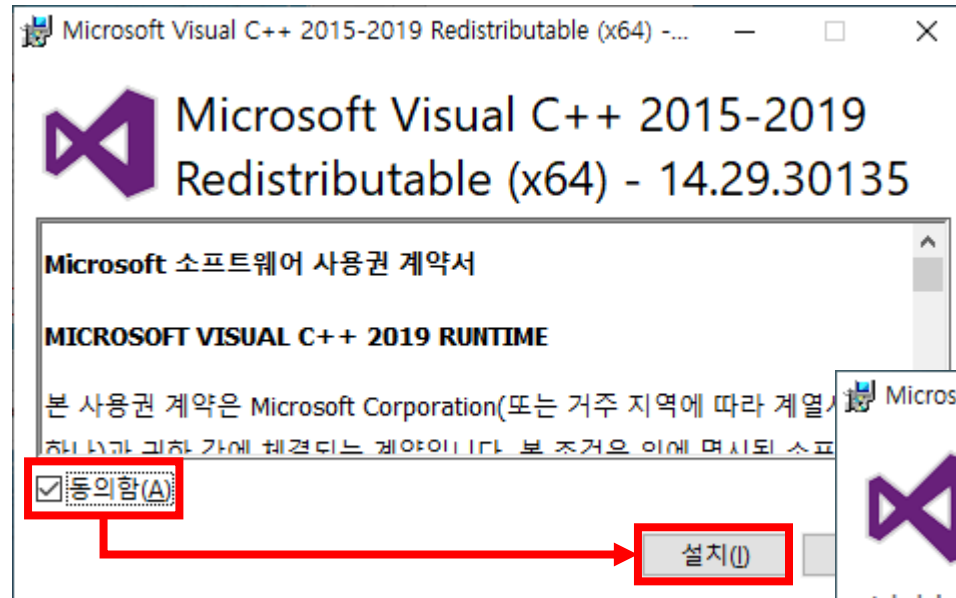


# MySQL 설치 #6

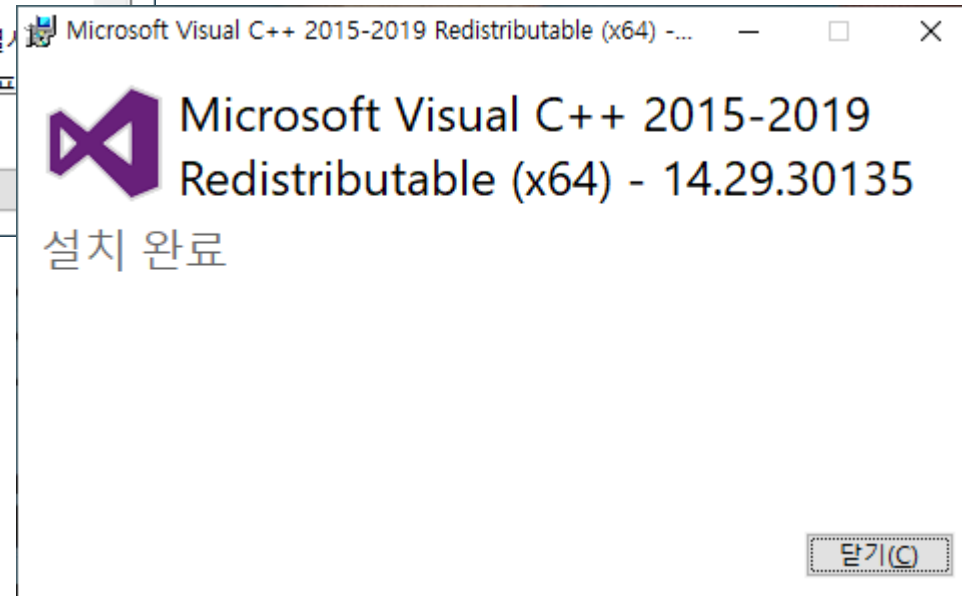
MySQL 설치를  
위해서 필요한  
시스템 요구사항  
확인 및 설치



# MySQL 설치 #7



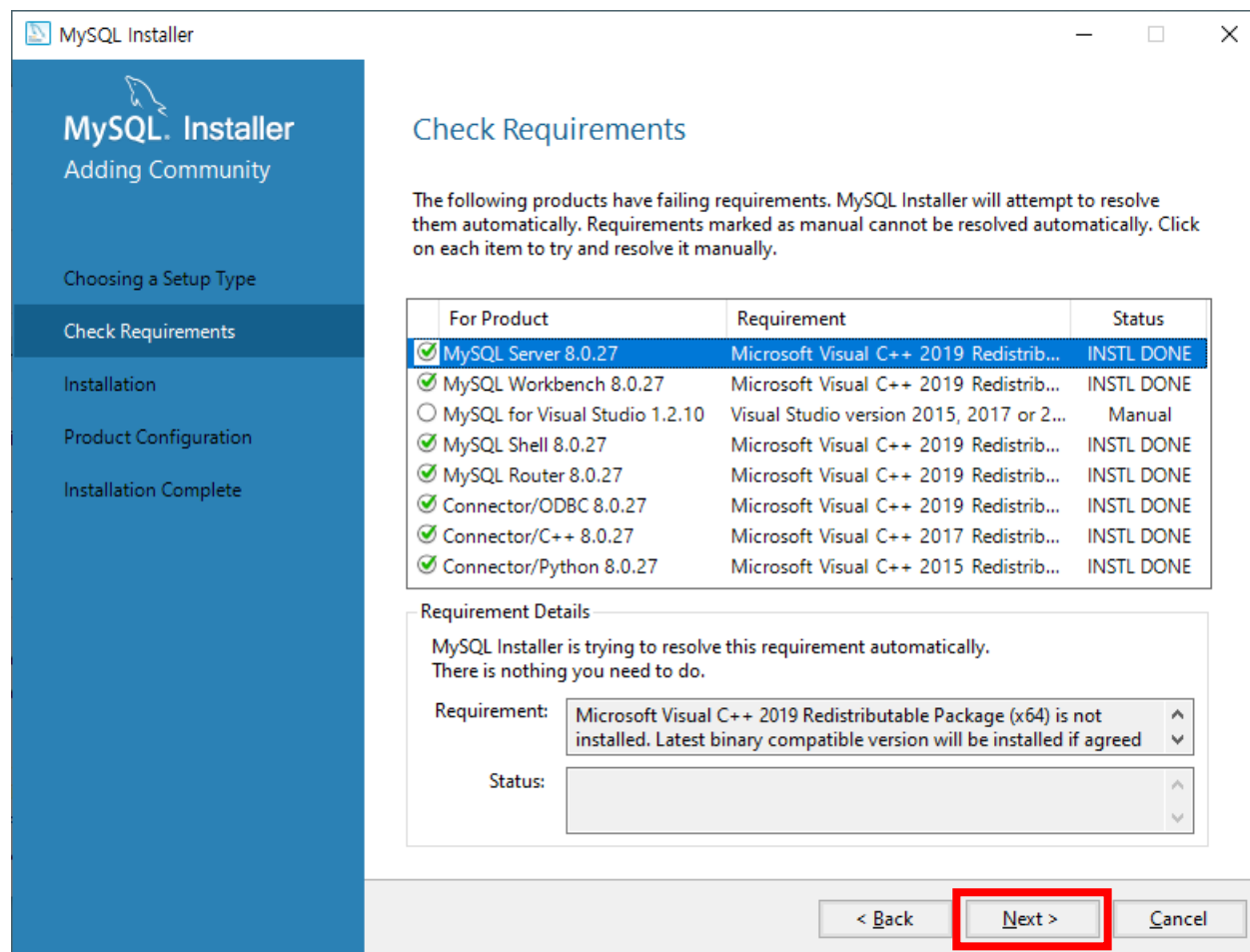
이 화면이  
나타나면  
설치해야 함





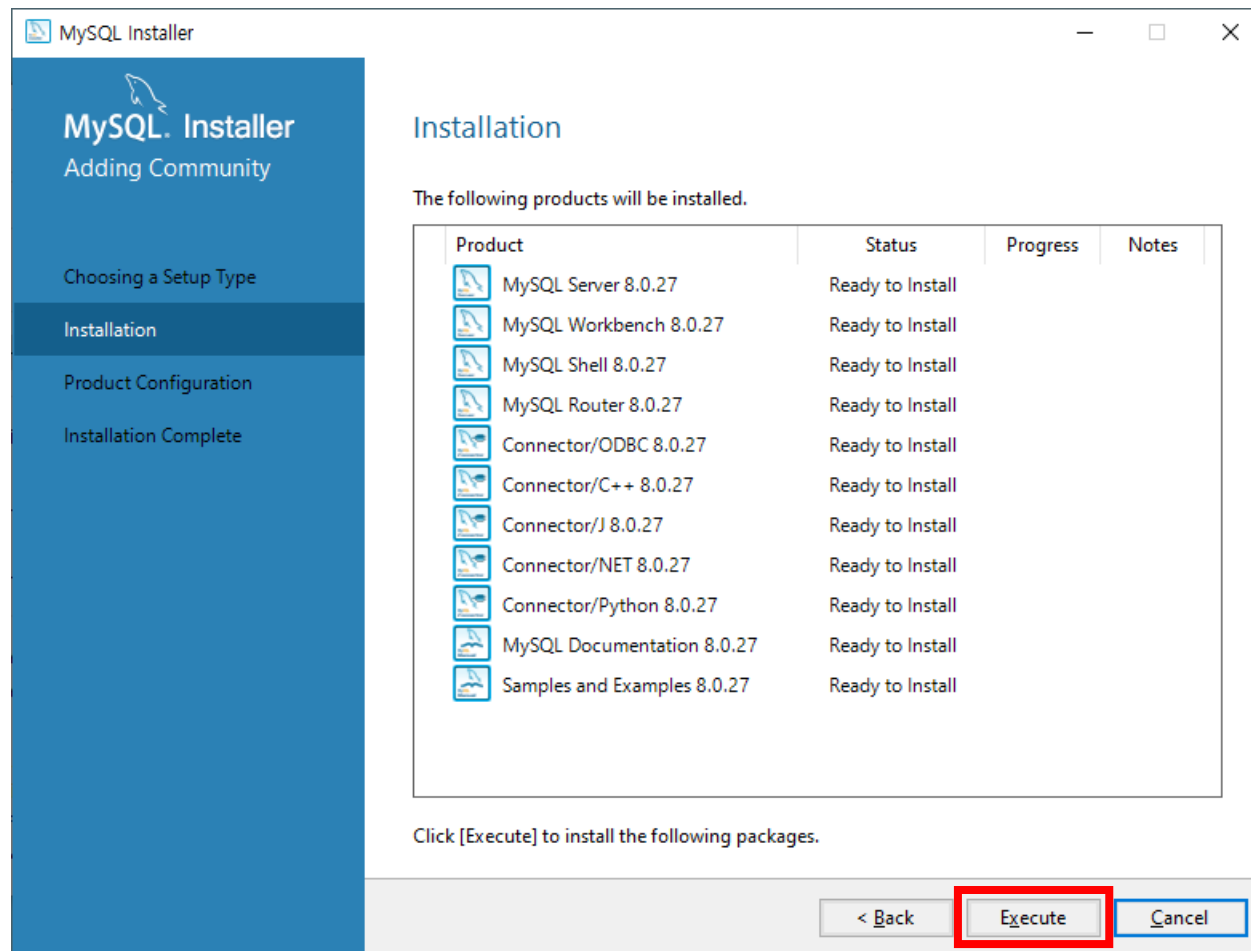
# MySQL 설치 #8

MySQL 설치를  
위해서 필요한  
시스템 요구사항  
확인 및 설치



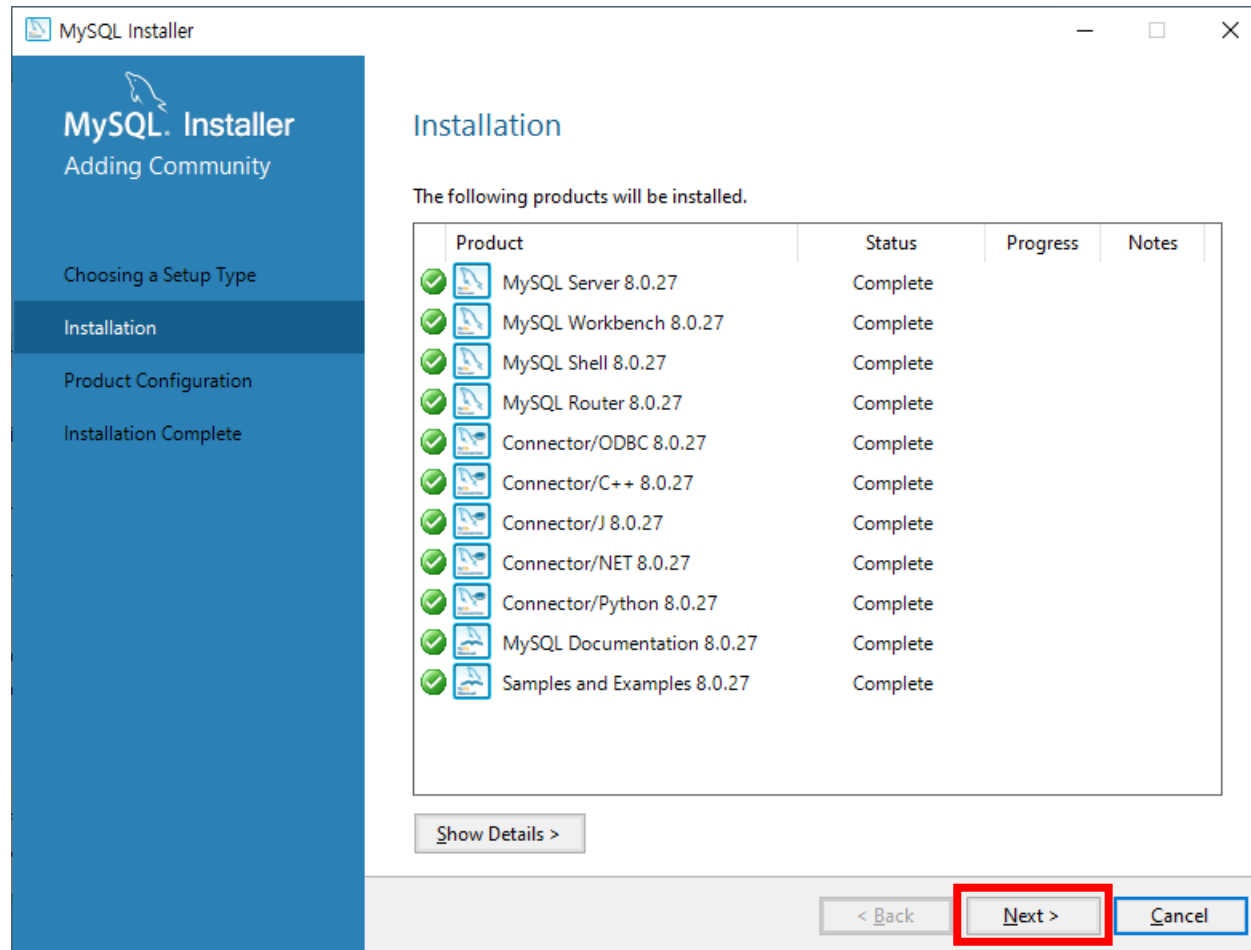
# MySQL 설치 #9

MySQL 설치를  
위해서 필요한  
시스템 요구사항  
목록 확인



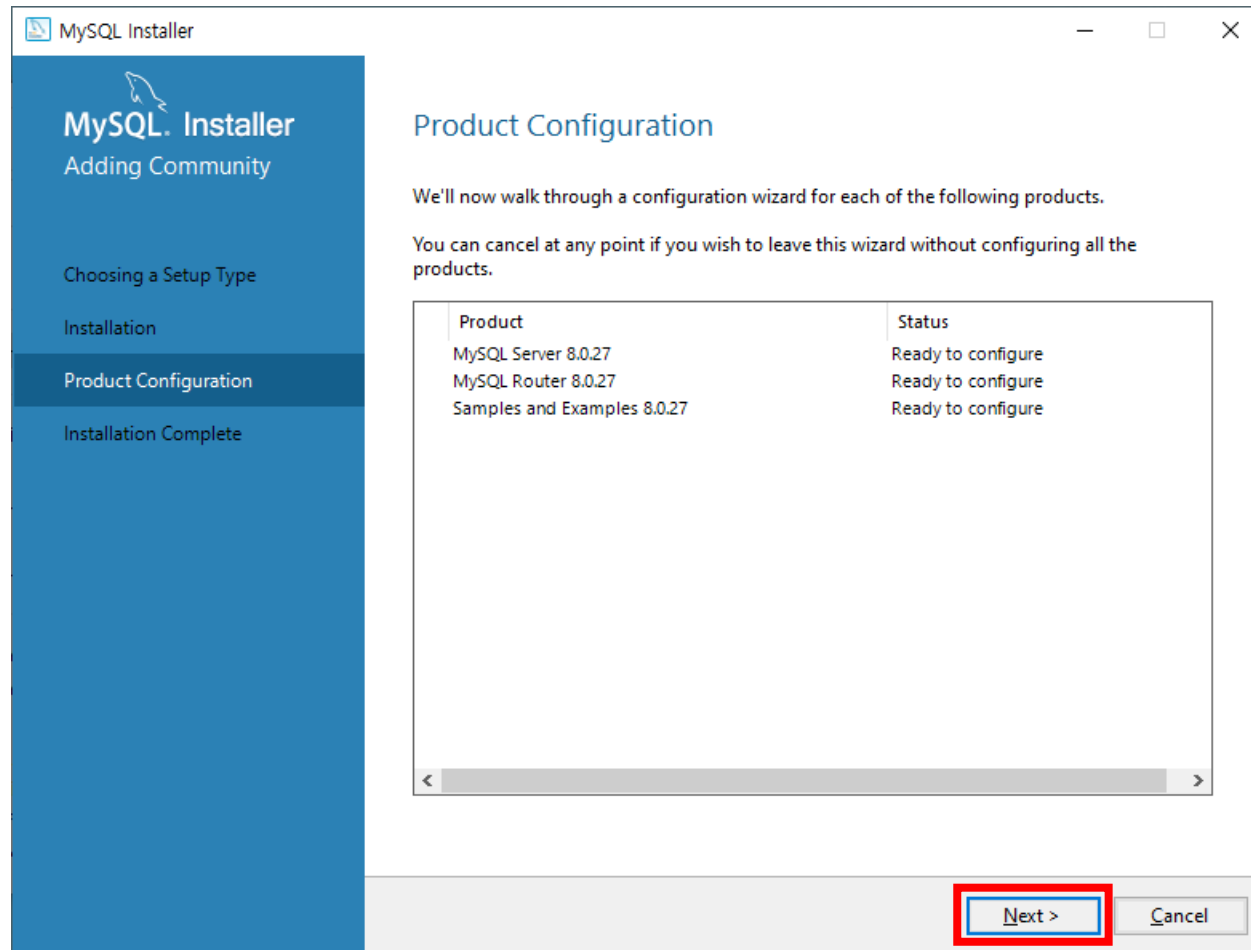
# MySQL 설치 #10

시스템 요구사항  
설치 완료 화면



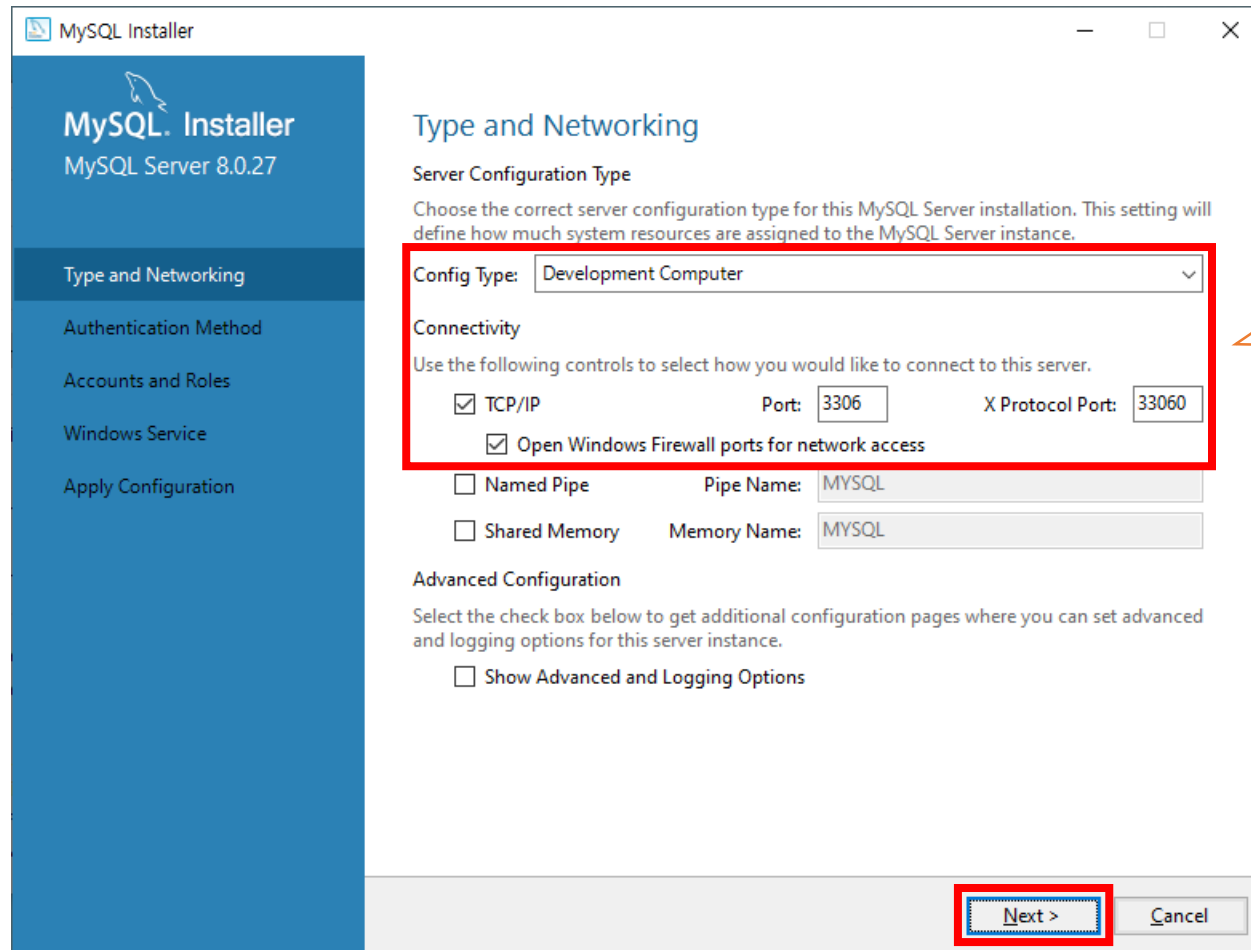
# MySQL 설치 #11

MySQL Server  
환경 설정



# MySQL 설치 #12

네트워크 접속  
설정



The screenshot shows the 'MySQL Installer' window for 'MySQL Server 8.0.27'. The left sidebar contains a list of configuration steps: 'Type and Networking' (selected), 'Authentication Method', 'Accounts and Roles', 'Windows Service', and 'Apply Configuration'. The main area is titled 'Type and Networking' and contains the following sections:

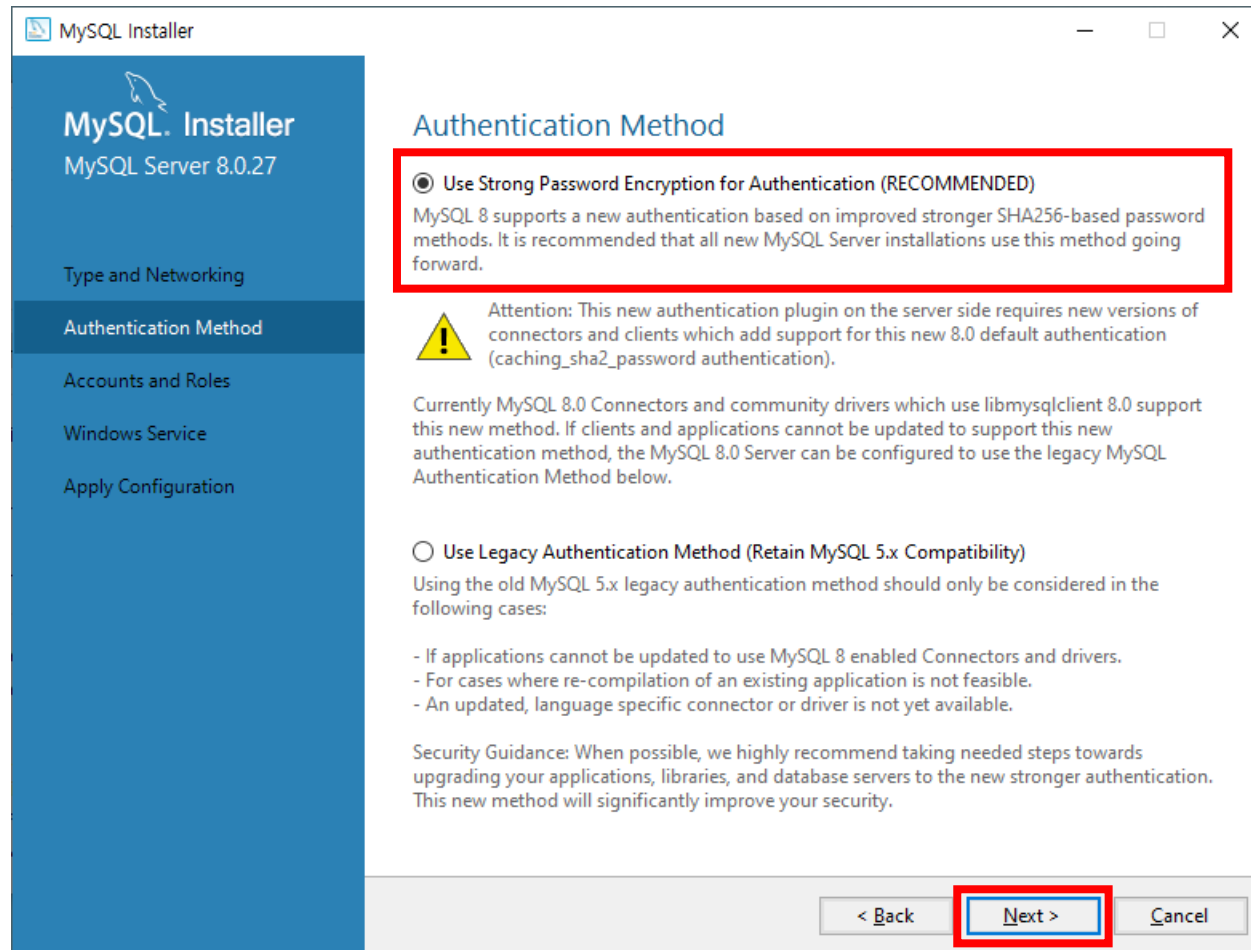
- Server Configuration Type**: A dropdown menu set to 'Development Computer'.
- Connectivity**: A section with the instruction 'Use the following controls to select how you would like to connect to this server.' It includes:
  - ☒ TCP/IP: Port: 3306, X Protocol Port: 33060
  - ☒ Open Windows Firewall ports for network access
  - ☐ Named Pipe: Pipe Name: MYSQL
  - ☐ Shared Memory: Memory Name: MYSQL
- Advanced Configuration**: A section with the instruction 'Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.' It includes:
  - ☐ Show Advanced and Logging Options

At the bottom right, there are two buttons: 'Next >' (highlighted with a red box) and 'Cancel'.

Config Type  
Development Computer  
Port  
3306

# MySQL 설치 #13

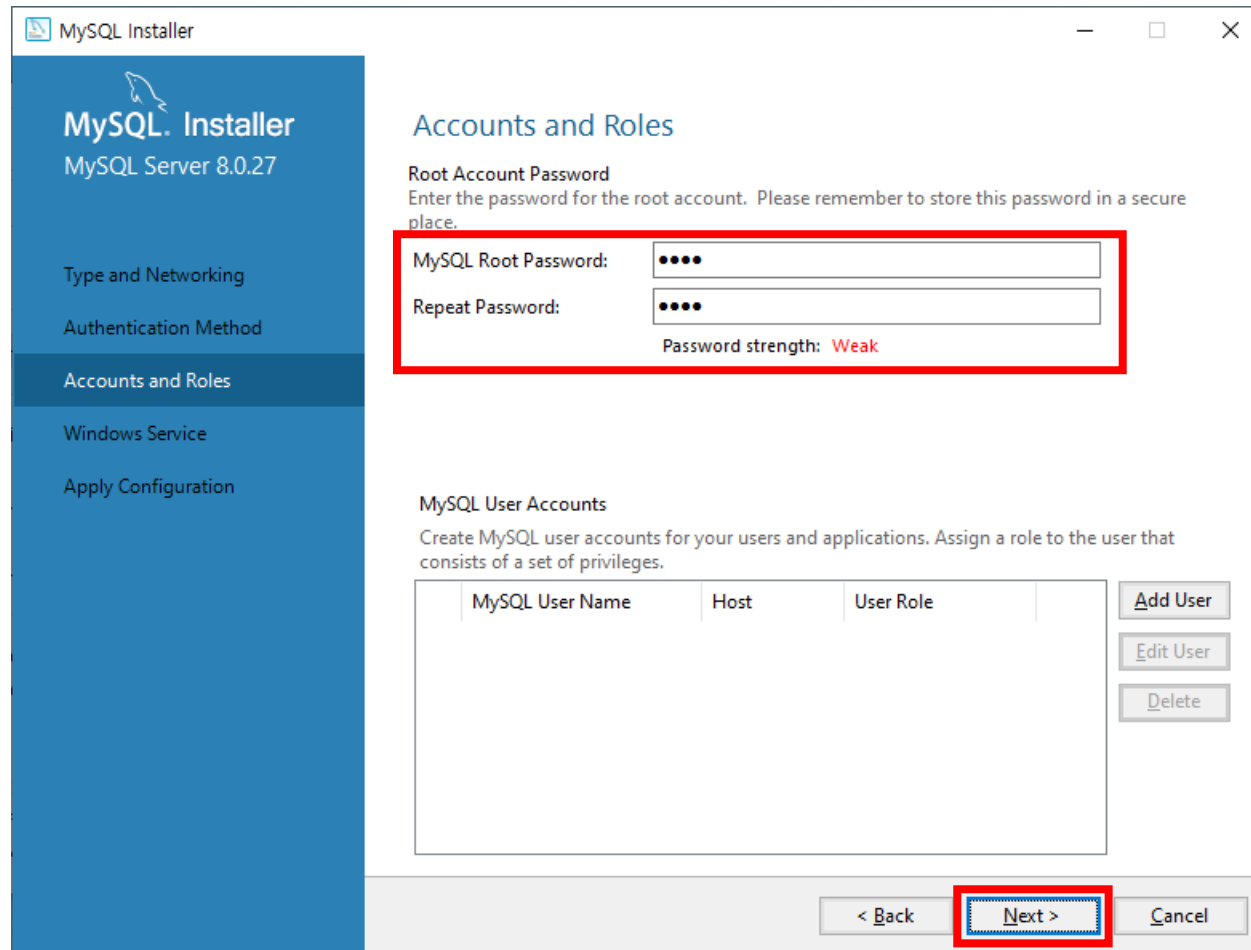
사용자 인증 방법  
SHA-256 방식



# MySQL 설치 #14

root 계정  
비밀번호

"1111"로 세팅



MySQL Installer  
MySQL Server 8.0.27

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
-----------------	------	-----------

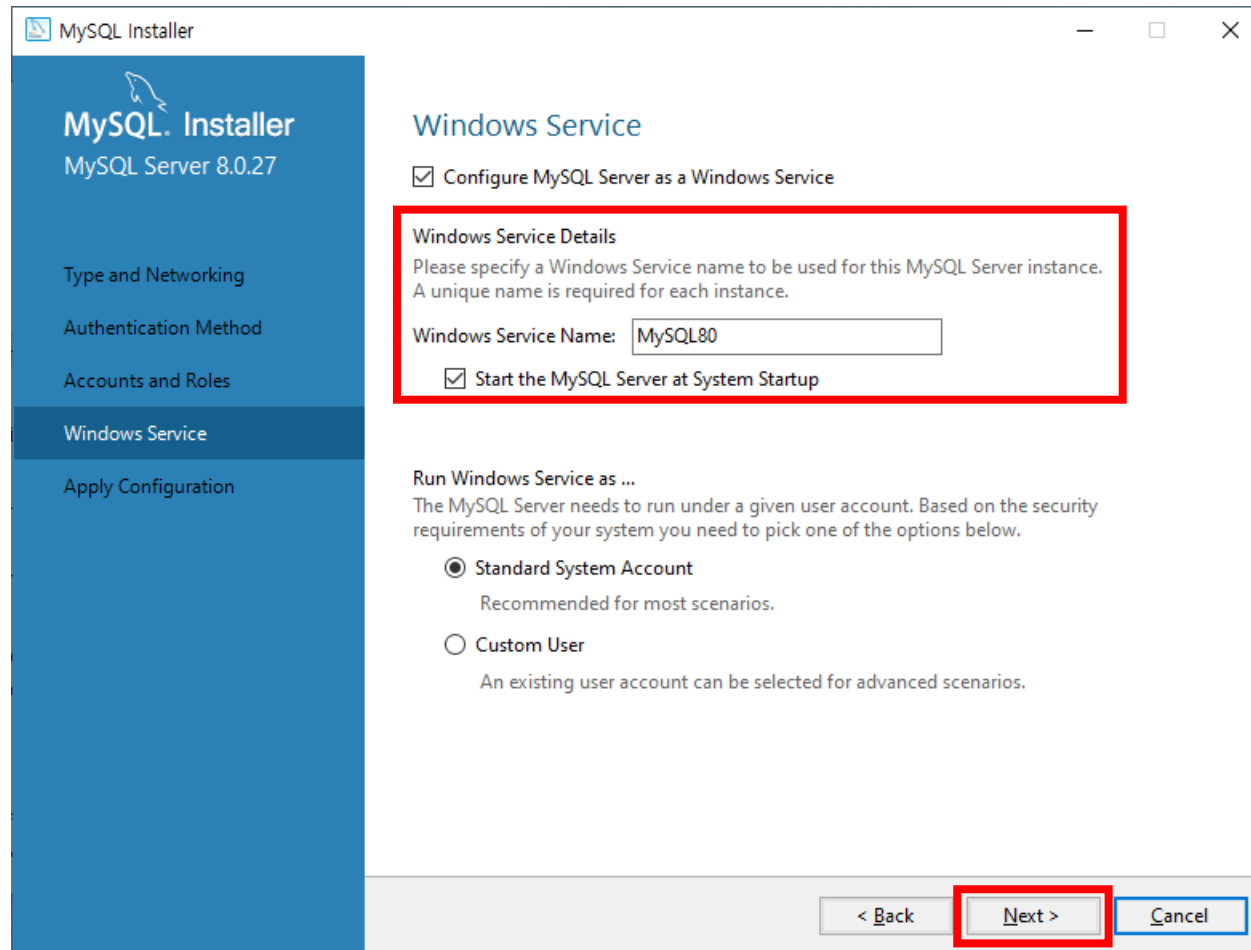
[Add User](#)  
[Edit User](#)  
[Delete](#)

< Back **Next >** Cancel

# MySQL 설치 #15

Windows Service  
이름

MySQL80



The image shows the 'MySQL Installer' window for 'MySQL Server 8.0.27'. The left sidebar contains a list of configuration steps: 'Type and Networking', 'Authentication Method', 'Accounts and Roles', 'Windows Service' (which is highlighted), and 'Apply Configuration'. The main area is titled 'Windows Service' and contains 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**

Below these options, there is a section titled 'Run Windows Service as ...' with the text: '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.'

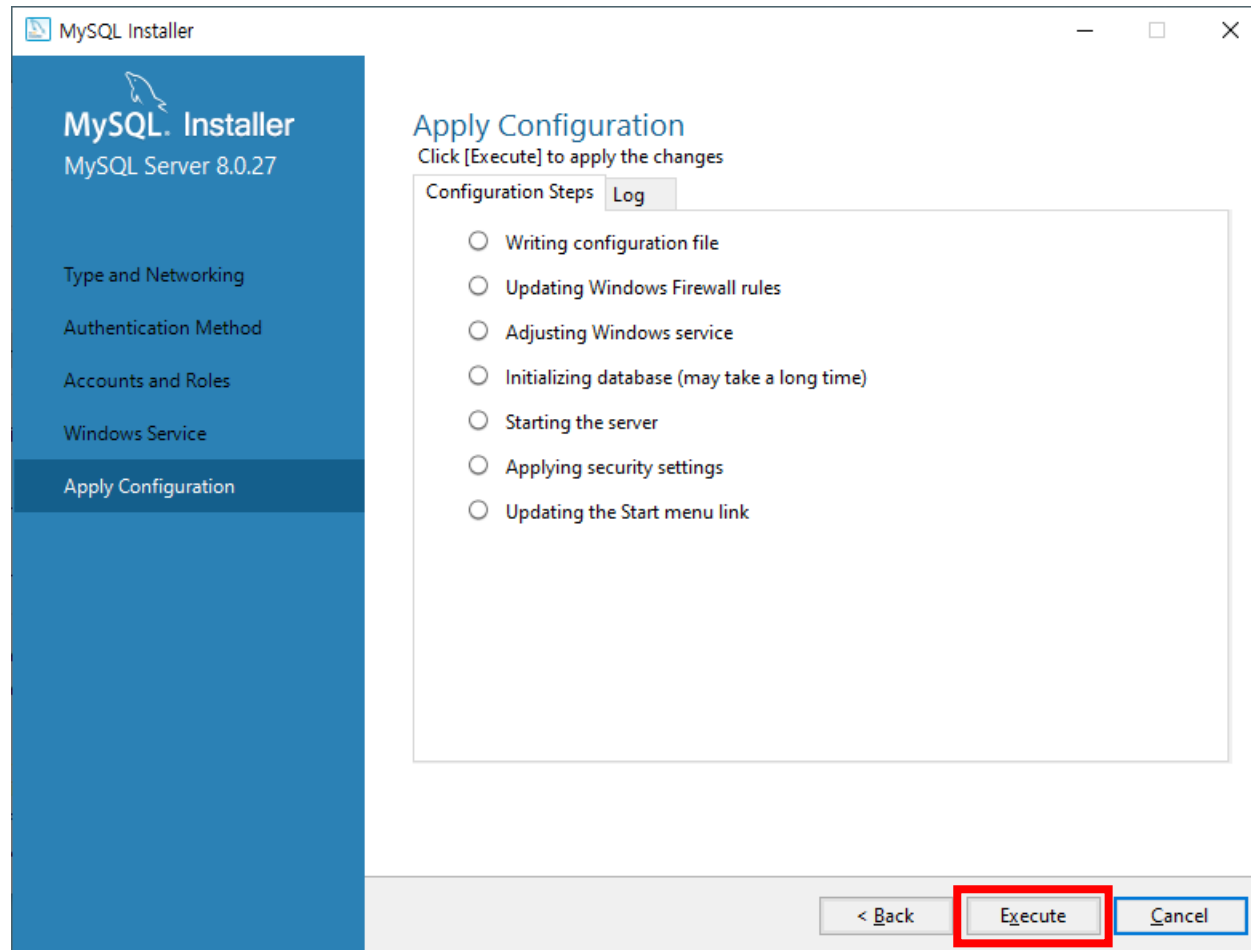
- ☒ **Standard System Account**  
Recommended for most scenarios.
- ☐ **Custom User**  
An existing user account can be selected for advanced scenarios.

At the bottom right, there are three buttons: '< Back', 'Next >' (which is highlighted with a red box), and 'Cancel'.



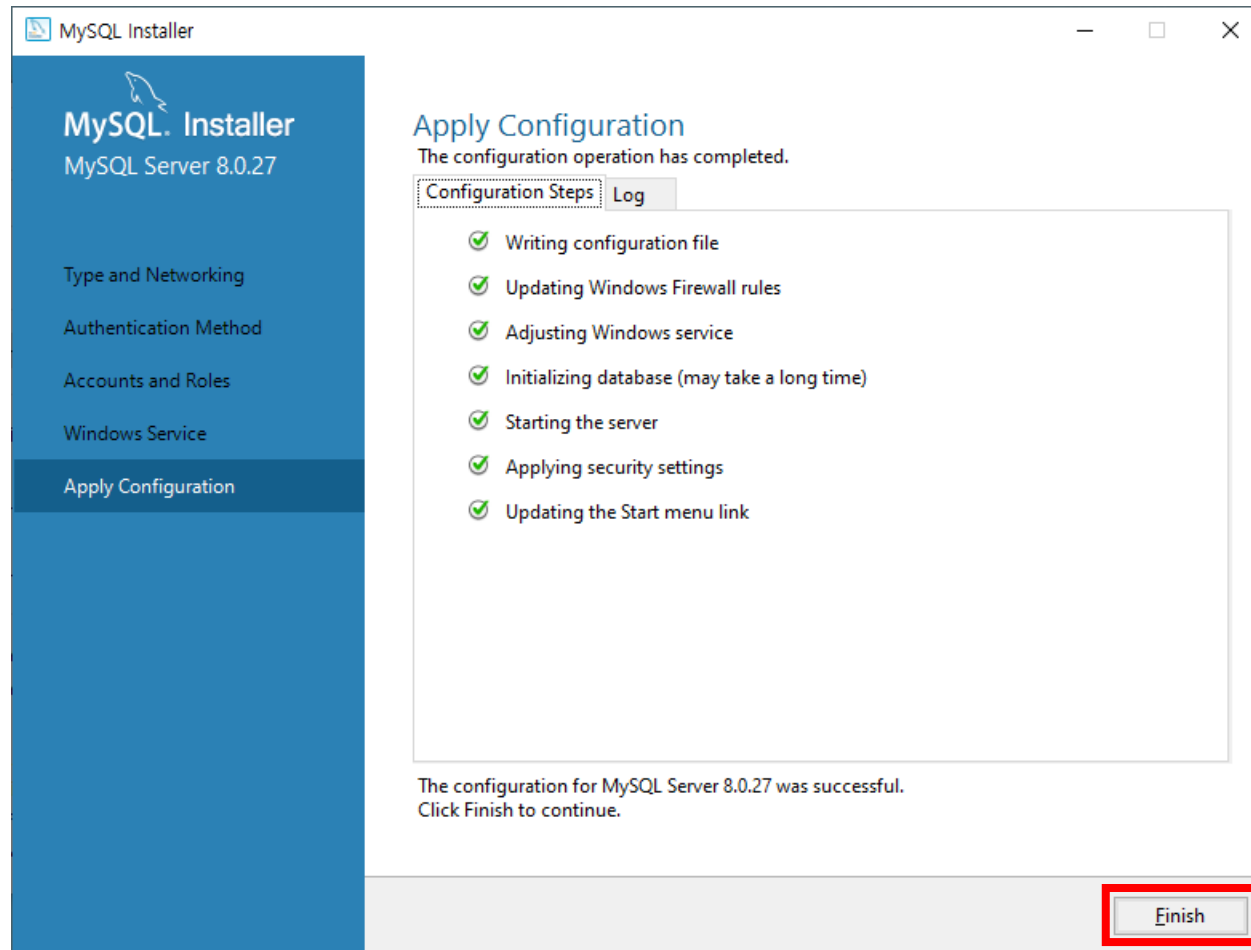
# MySQL 설치 #16

MySQL Server  
환경 설정  
적용될 내용 확인



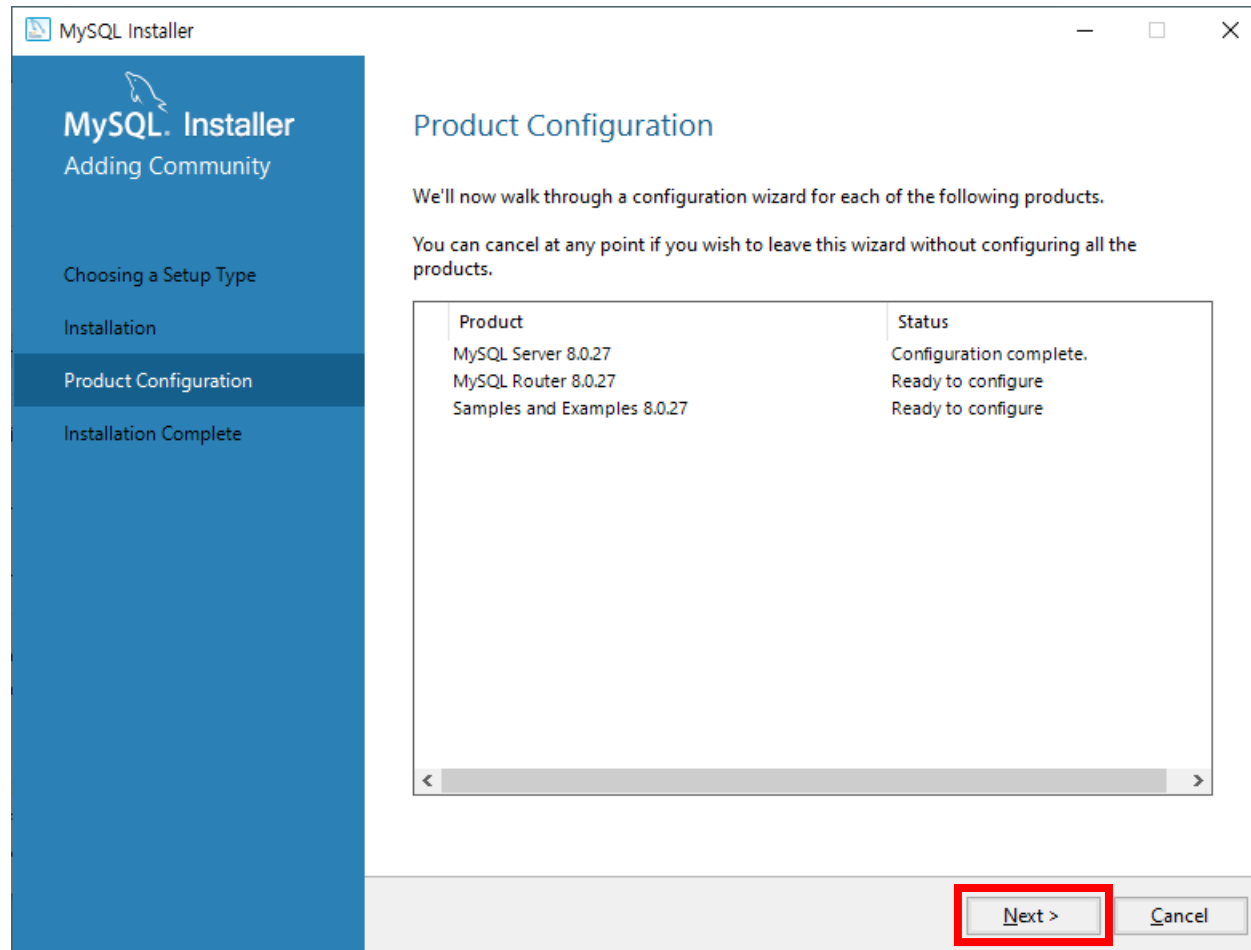
# MySQL 설치 #17

MySQL Server  
환경 설정  
적용 완료



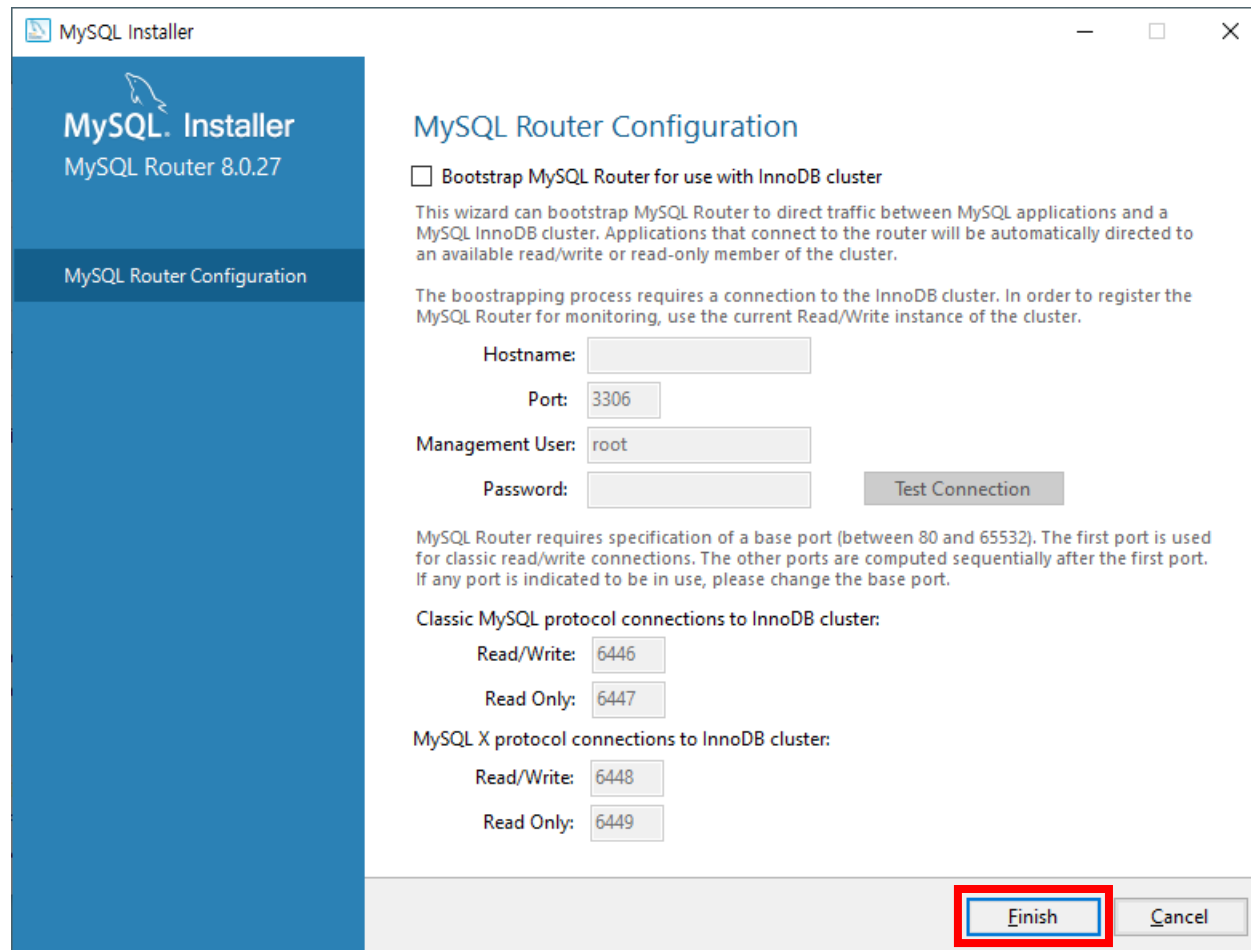
# MySQL 설치 #18

MySQL Router  
환경 설정



# MySQL 설치 #19

아무것도  
체크 안 함



The image shows the 'MySQL Router Configuration' window of the MySQL Installer. The window has a blue header with the MySQL logo and 'MySQL Router 8.0.27'. Below the header, the title 'MySQL Router Configuration' is displayed. The main content area includes a checkbox for 'Bootstrap MySQL Router for use with InnoDB cluster', which is currently unchecked. Below this, there is explanatory text about the wizard's purpose and the bootstrapping process. A 'Test Connection' button is present. Further down, there are input fields for 'Hostname', 'Port' (set to 3306), 'Management User' (set to root), and 'Password'. At the bottom, there are sections for 'Classic MySQL protocol connections to InnoDB cluster' and 'MySQL X protocol connections to InnoDB cluster', each with 'Read/Write' and 'Read Only' port settings. The 'Finish' button at the bottom right is highlighted with a red rectangle.

MySQL Installer  
MySQL Router 8.0.27

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:

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:

Read Only:

MySQL X protocol connections to InnoDB cluster:

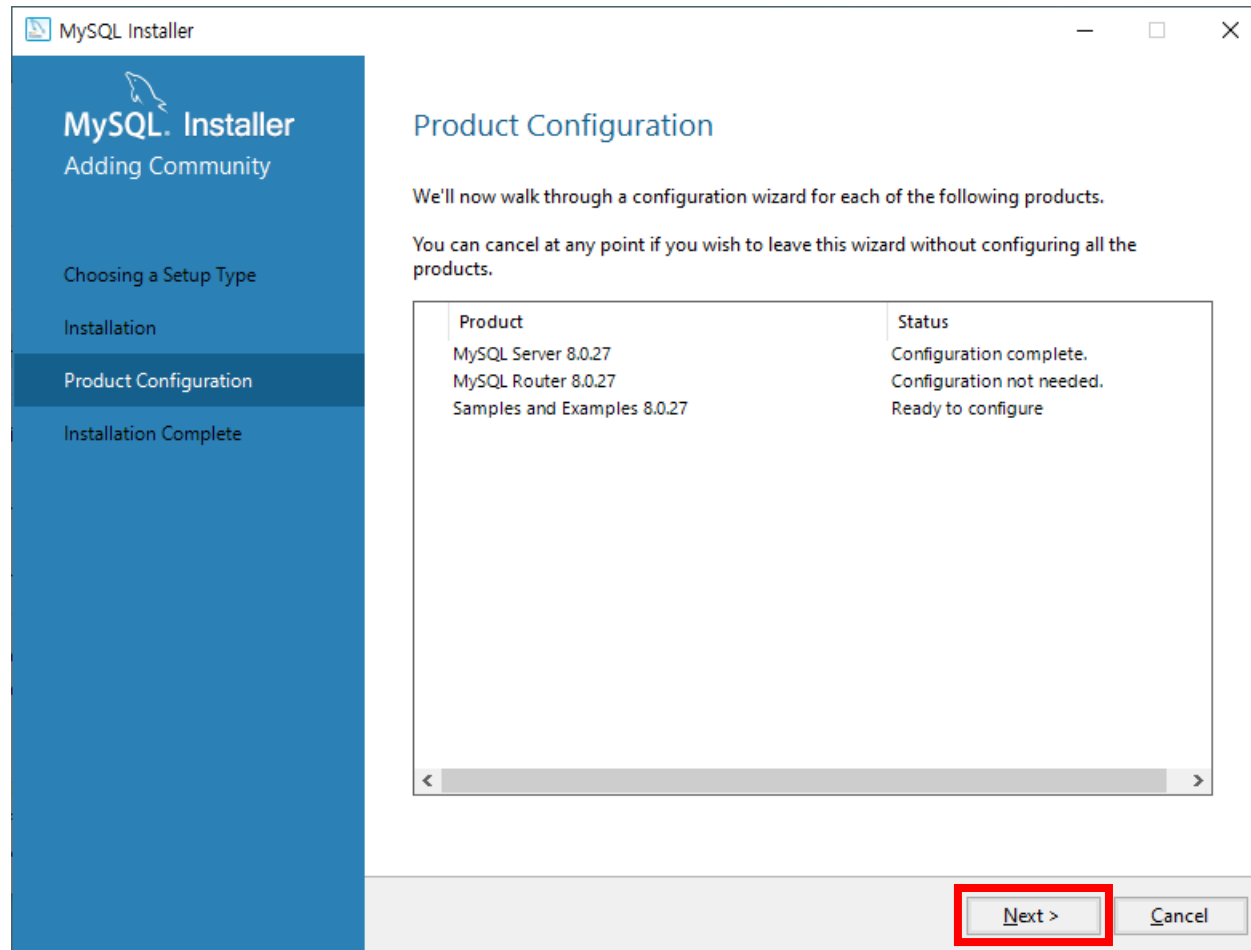
Read/Write:

Read Only:

Finish Cancel

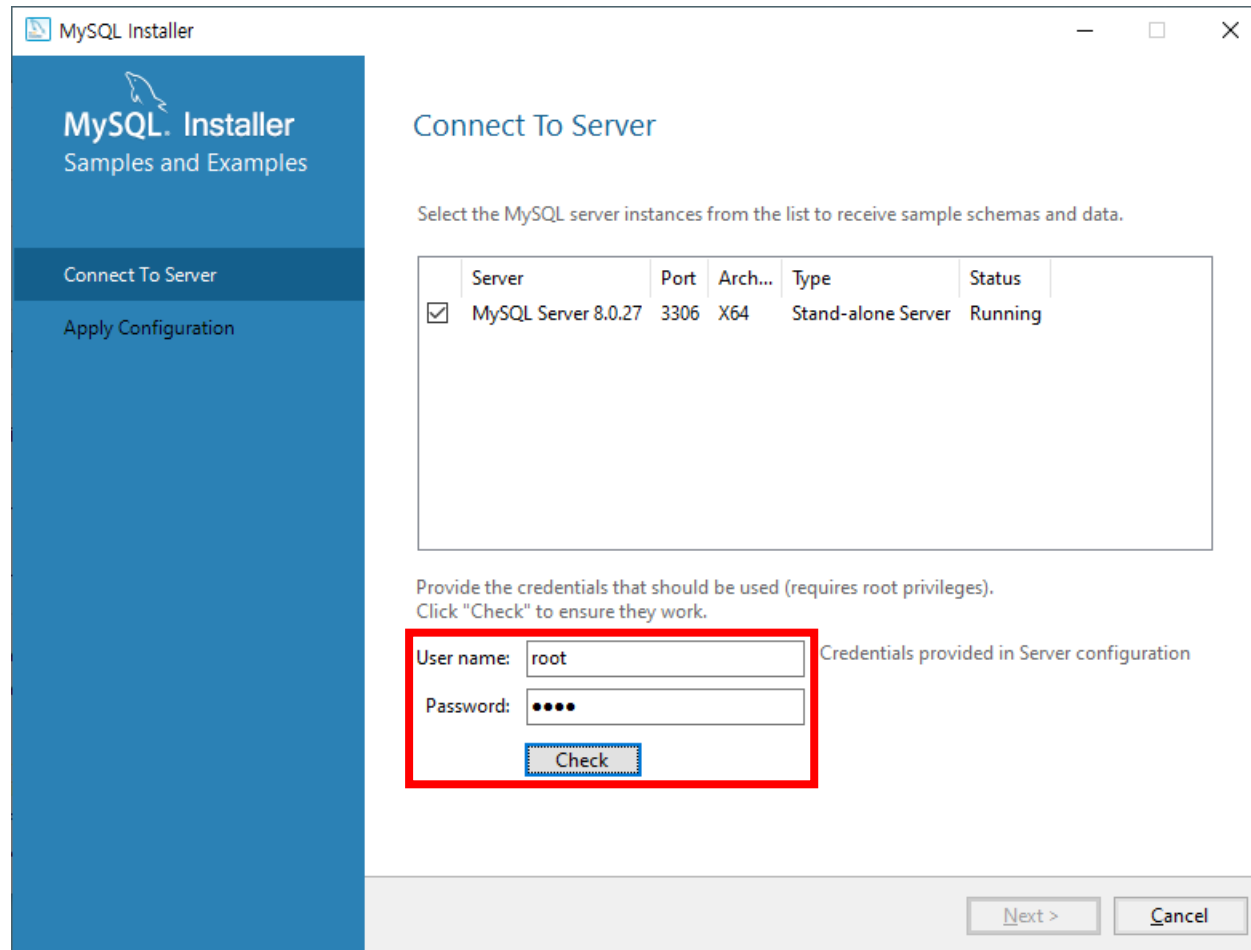
# MySQL 설치 #20

Samples and  
Examples  
환경 설정



# MySQL 설치 #21

root 계정  
접속 테스트



The screenshot shows the 'MySQL Installer' window, specifically the 'Connect To Server' tab. The left sidebar has 'Connect To Server' selected. The main area shows a table of server instances with one instance selected. Below the table, there are fields for 'User name' (root) and 'Password' (masked with dots), and a 'Check' button. The 'Next >' and 'Cancel' buttons are at the bottom right.

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 8.0.27	3306	X64	Stand-alone Server	Running

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

User name:

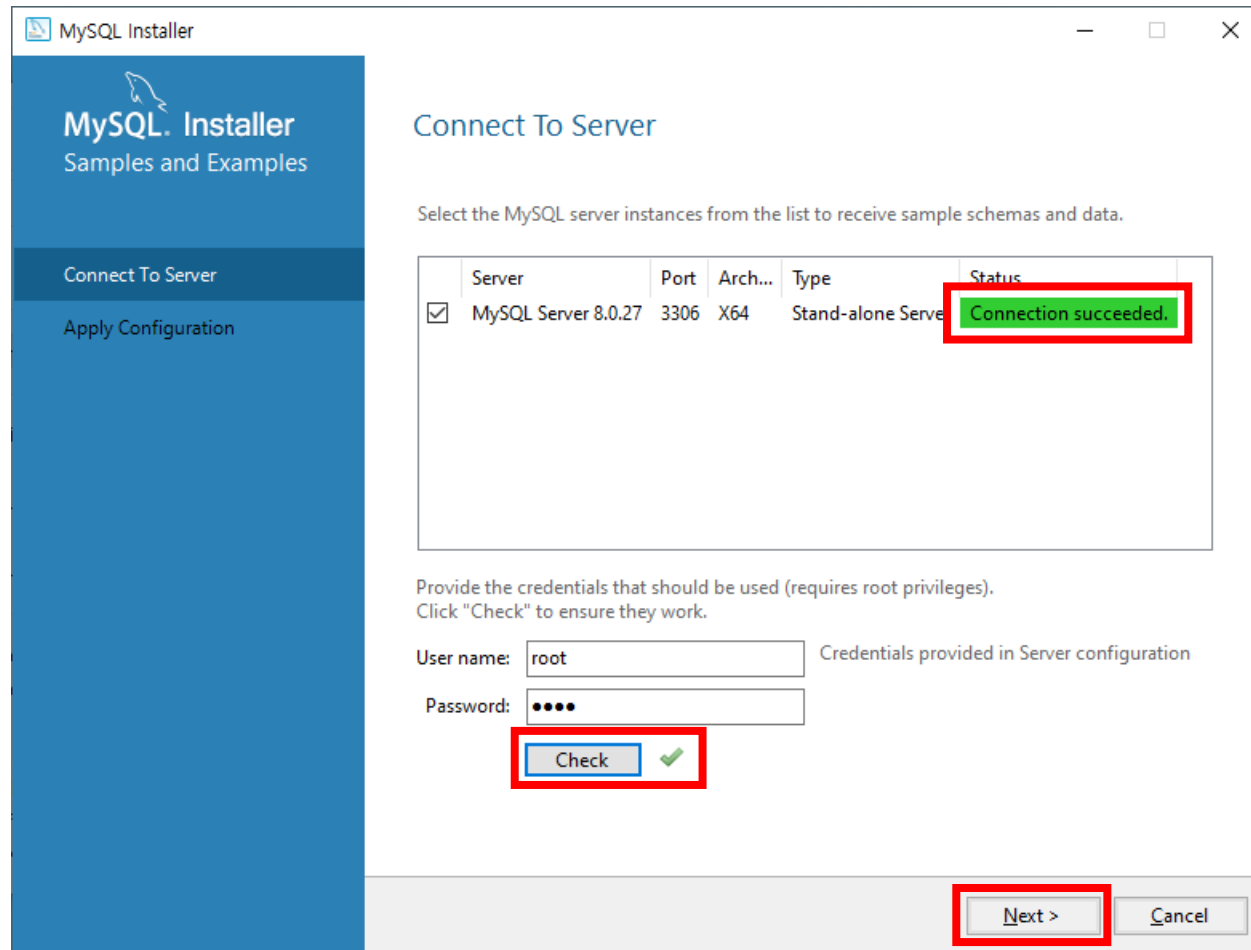
Password:

Credentials provided in Server configuration

Next > Cancel

# MySQL 설치 #22

root 계정  
접속 성공



The screenshot shows the 'MySQL Installer' window, specifically the 'Connect To Server' tab. The window has a blue sidebar on the left with 'Connect To Server' and 'Apply Configuration' options. The main area is titled 'Connect To Server' and contains instructions to select MySQL server instances. A table lists one instance: 'MySQL Server 8.0.27' on port '3306', architecture 'X64', and type 'Stand-alone Server'. The 'Status' column for this instance shows 'Connection succeeded.', which is highlighted with a red box. Below the table, there are fields for 'User name' (root) and 'Password' (masked with dots), with a note 'Credentials provided in Server configuration'. A 'Check' button with a green checkmark icon is highlighted with a red box. At the bottom right, a 'Next >' button is also highlighted with a red box, next to a 'Cancel' button.

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 8.0.27	3306	X64	Stand-alone Server	Connection succeeded.

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

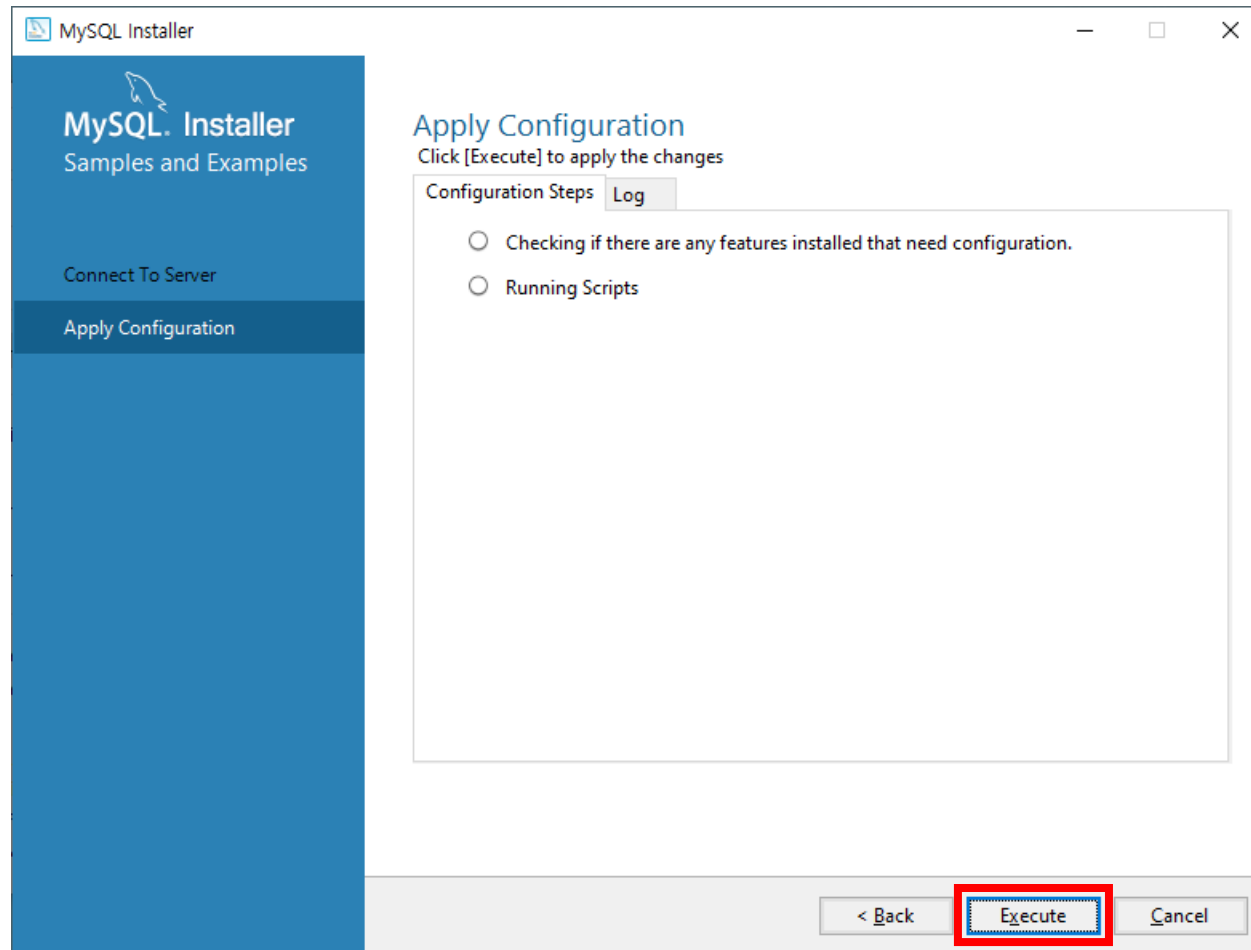
User name:  Credentials provided in Server configuration

Password:



# MySQL 설치 #23

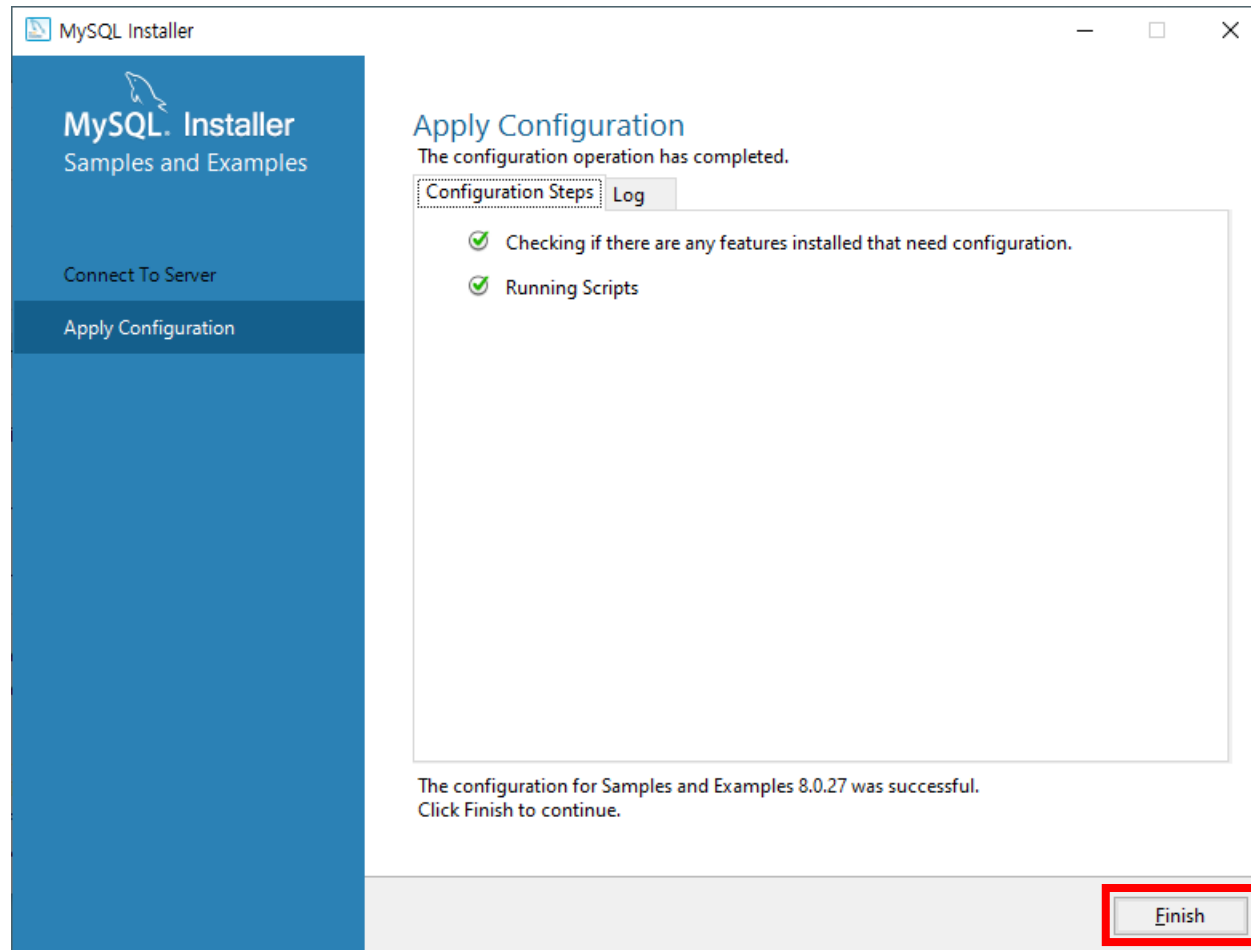
Samples and  
Examples  
환경 설정  
적용될 내용 확인





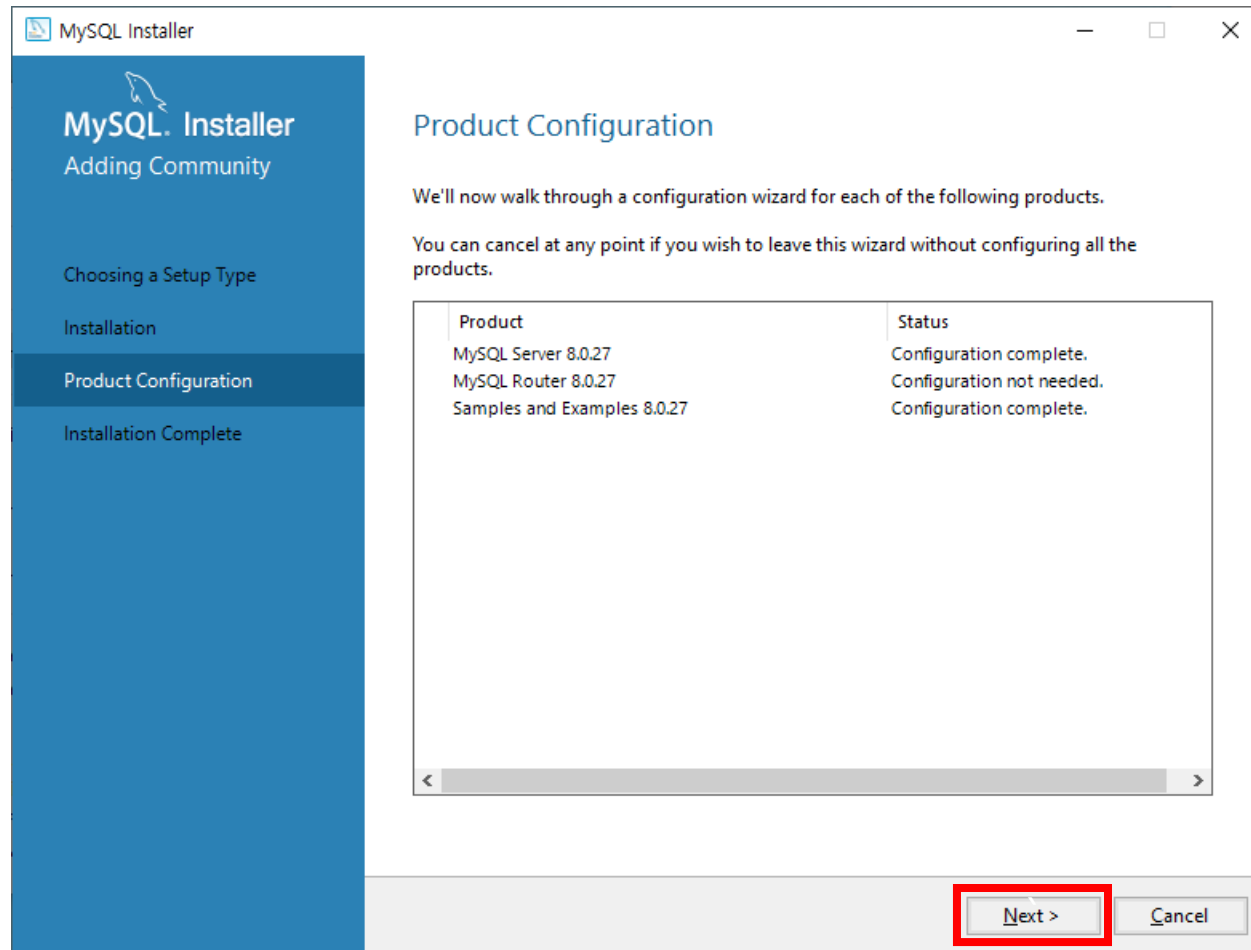
# MySQL 설치 #24

Samples and  
Examples  
환경 설정  
적용 완료



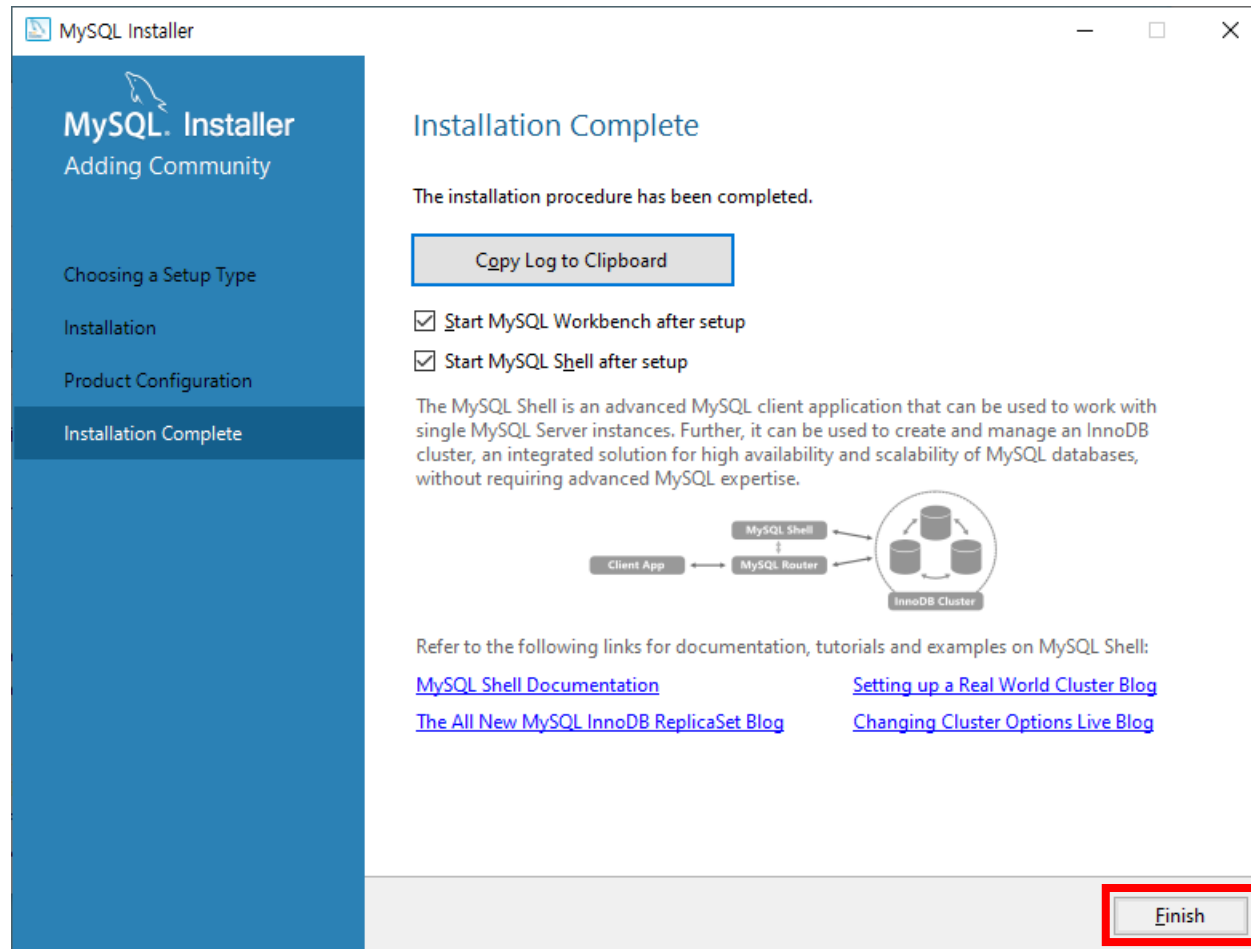
# MySQL 설치 #25

전체 환경 설정  
적용 완료



# MySQL 설치 #26

MySQL  
설치 완료



# MySQL 설치 후 접속

## 1. CLI(Command Line Interface)를 사용한 접속

- mysql -u root -p
- 비밀번호 입력

```
MySQL 8.0 Command Line Client - Unicode
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.11 MySQL Community Server - GPL

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Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> _
```

## 2. MySQL 워크벤치를 통한 접속

- GUI(Graphic User Interface)를 통한 접속

클릭해서 접속

