



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	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.27.1.msi)	8.0.27	470.2M	Download

 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.

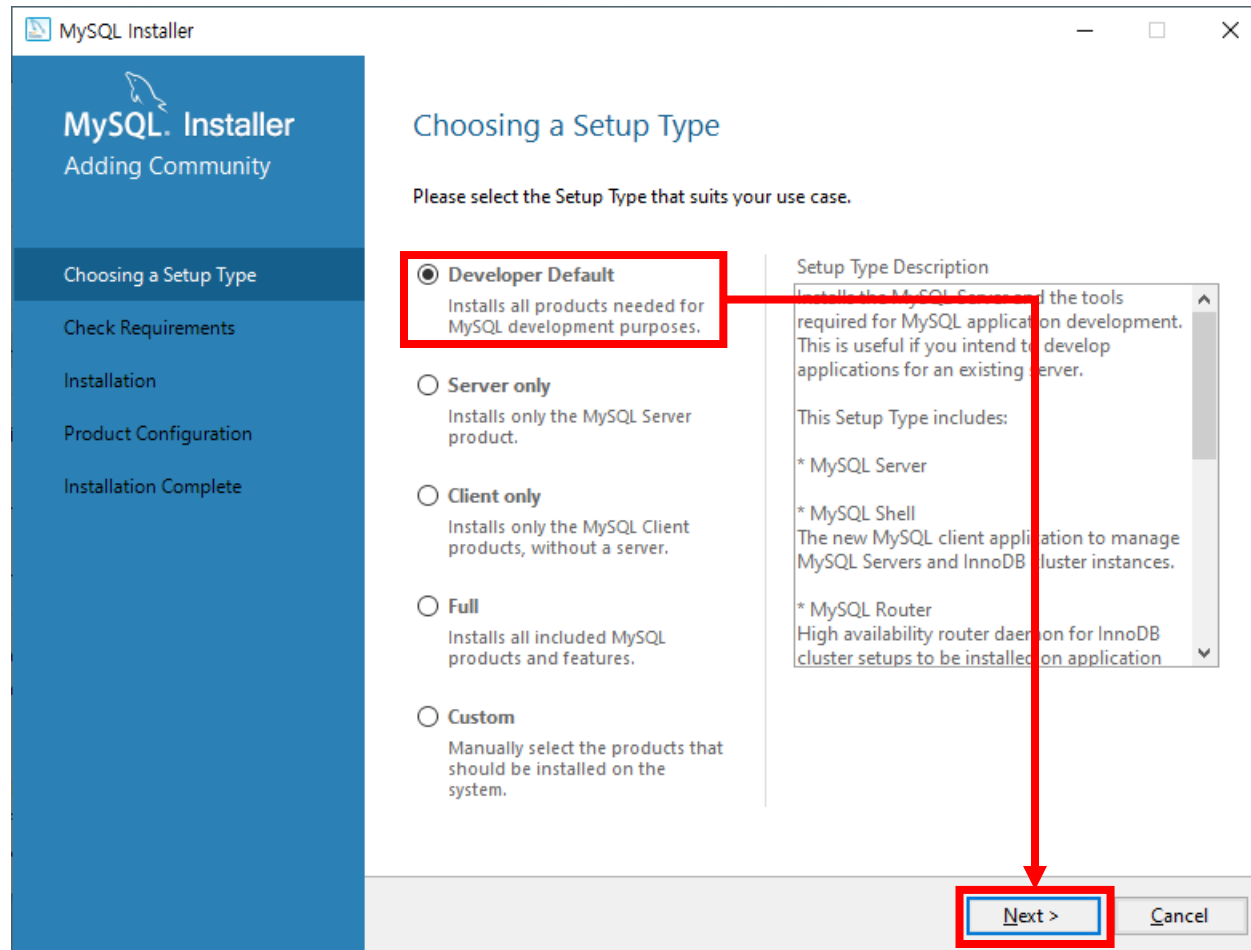
로그인 없이
설치 가능

No thanks, just start my download.

MySQL 설치 #5

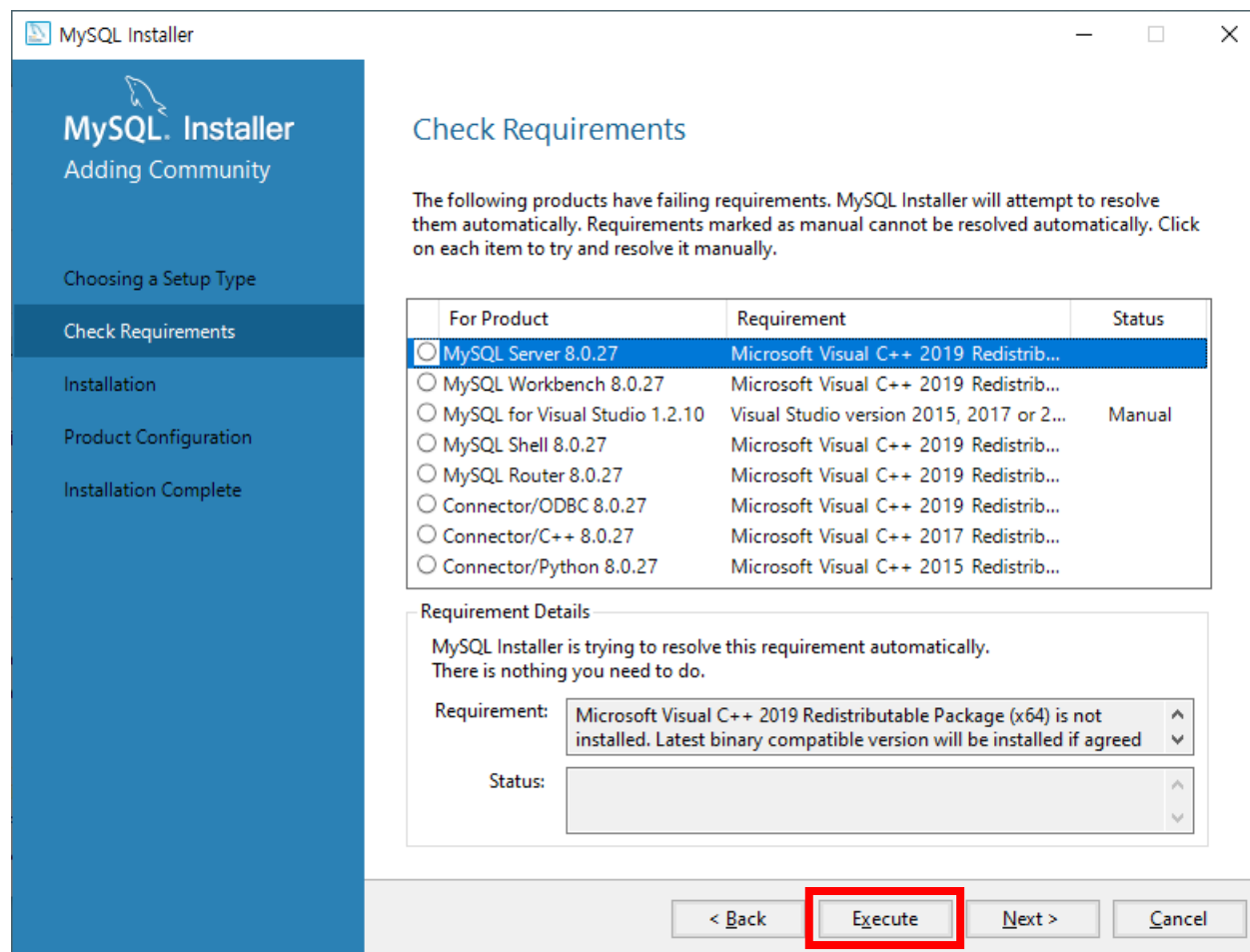
설치 타입

Developer
Default

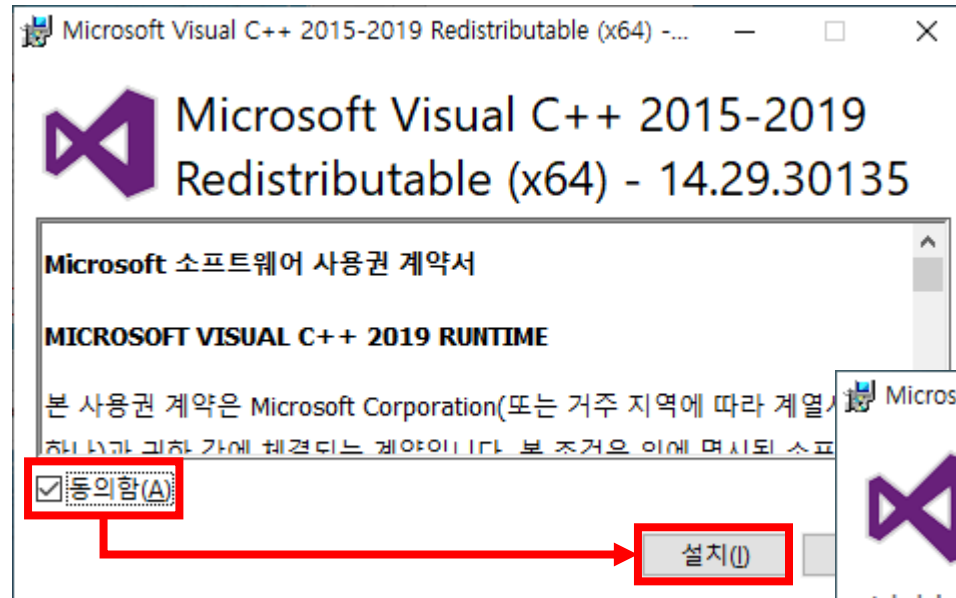


MySQL 설치 #6

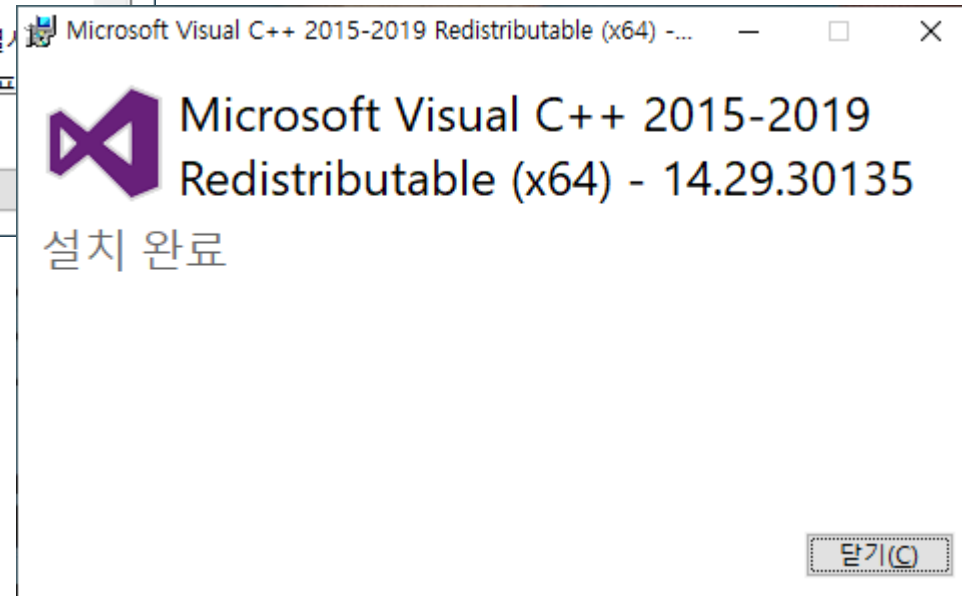
MySQL 설치를
위해서 필요한
시스템 요구사항
확인 및 설치



MySQL 설치 #7

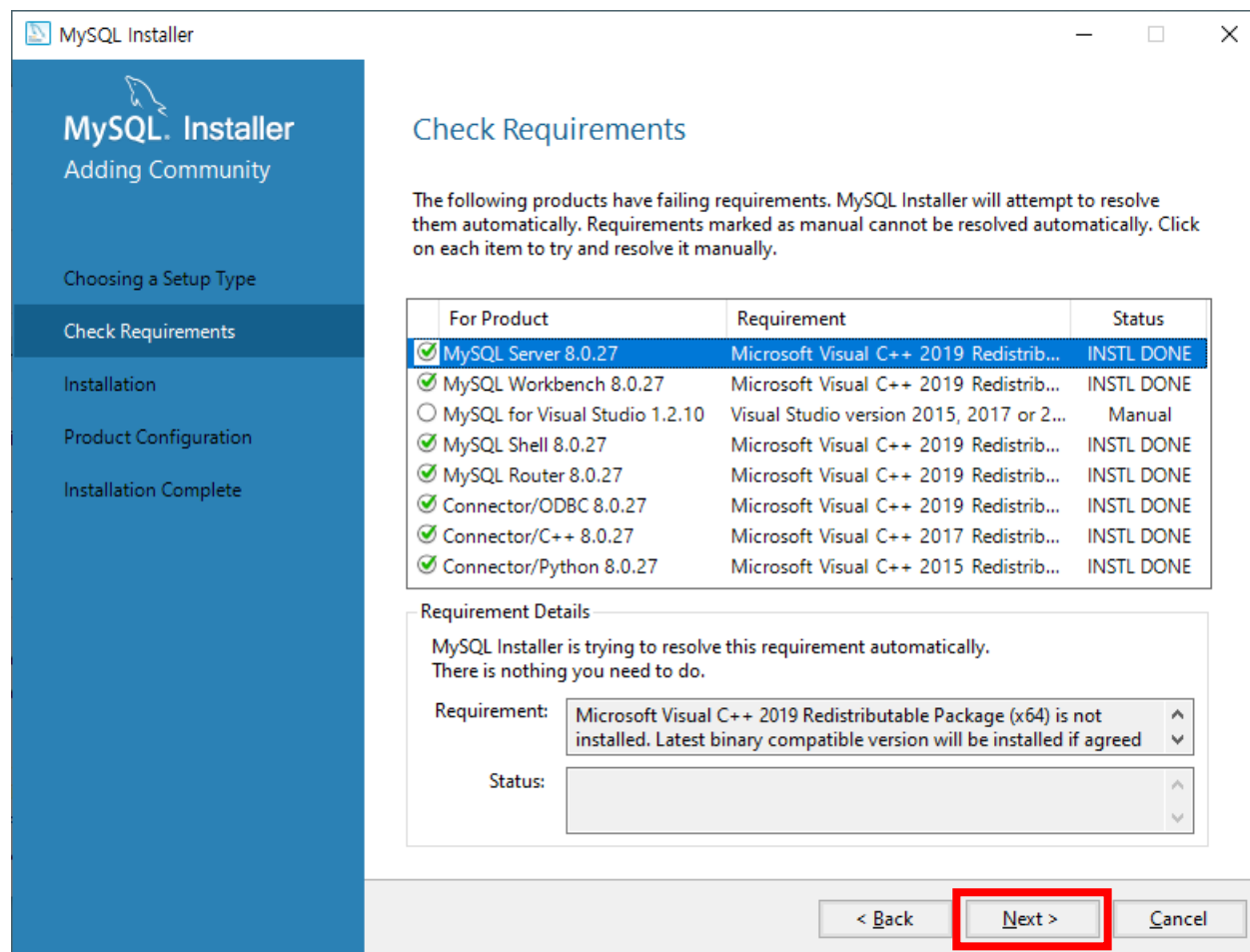


이 화면이
나타나면
설치해야 함



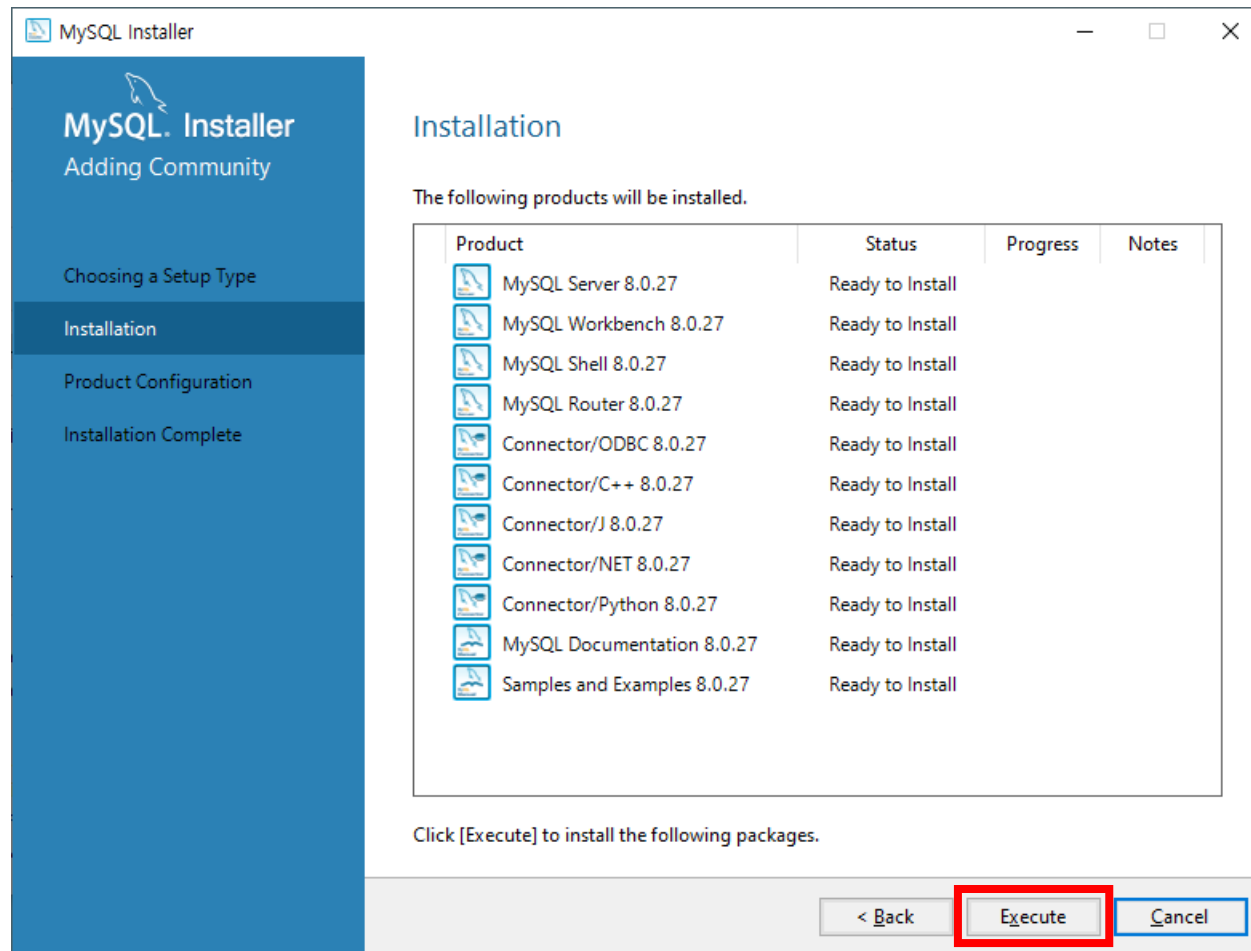
MySQL 설치 #8

MySQL 설치를
위해서 필요한
시스템 요구사항
확인 및 설치



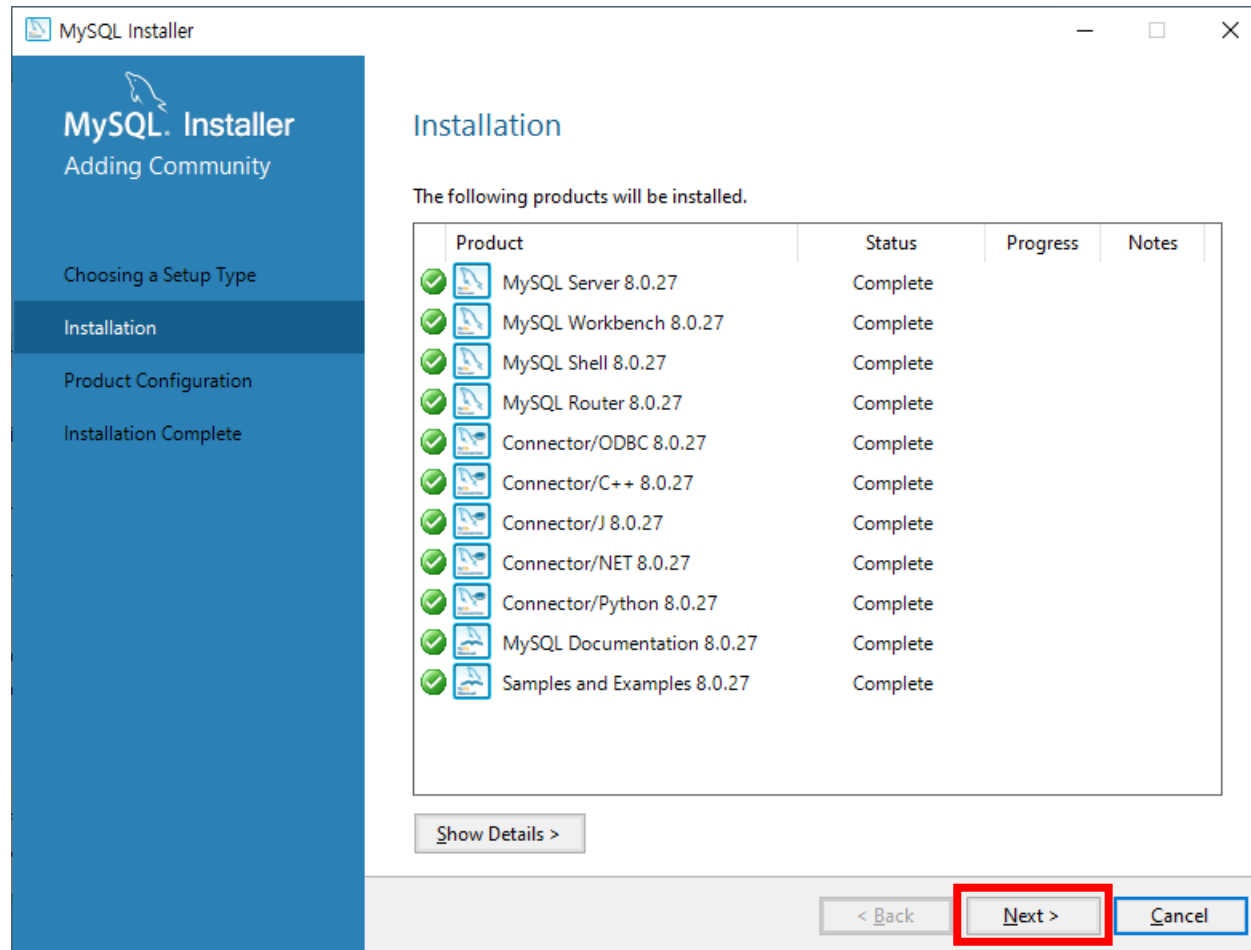
MySQL 설치 #9

MySQL 설치를
위해서 필요한
시스템 요구사항
목록 확인



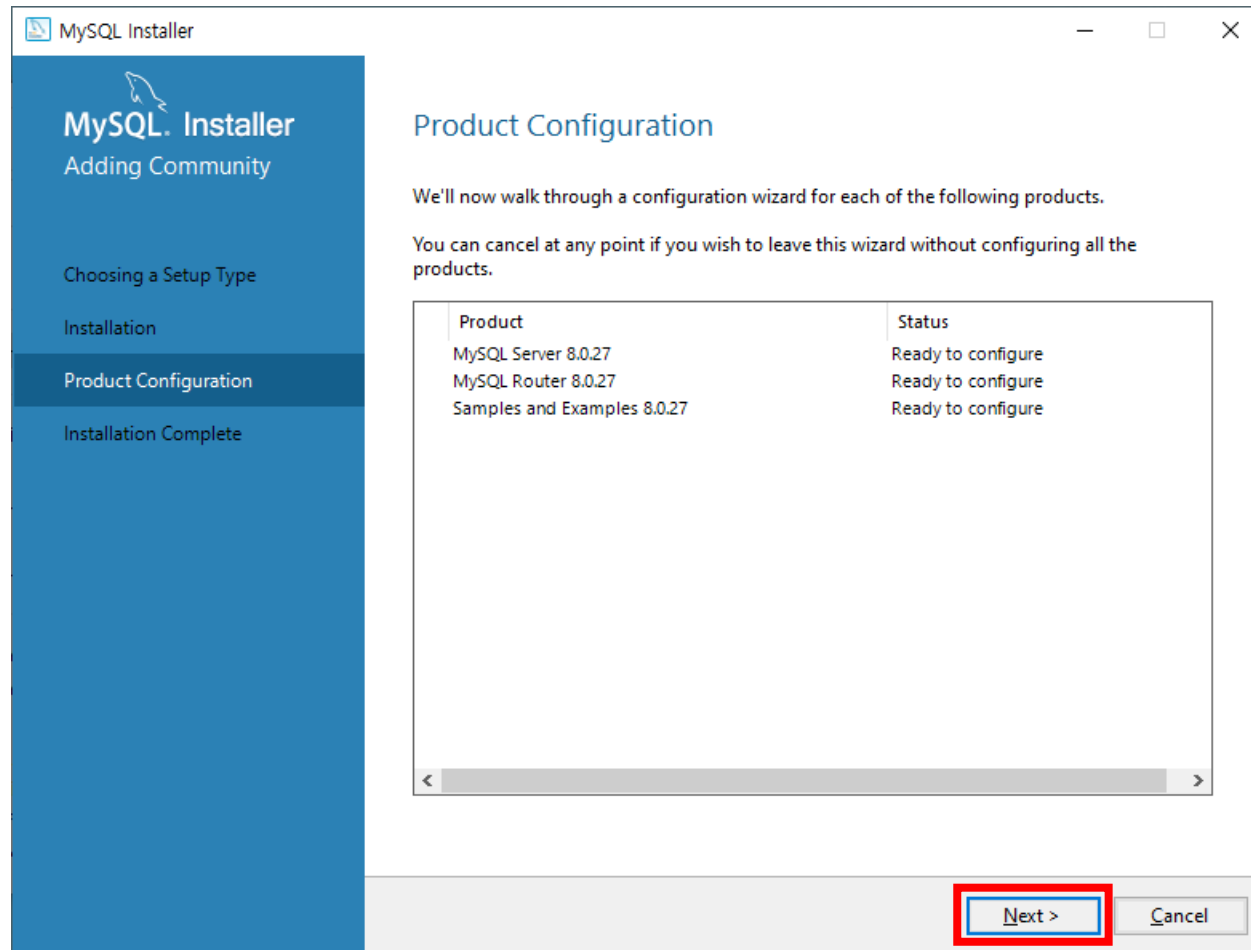
MySQL 설치 #10

시스템 요구사항
설치 완료 화면



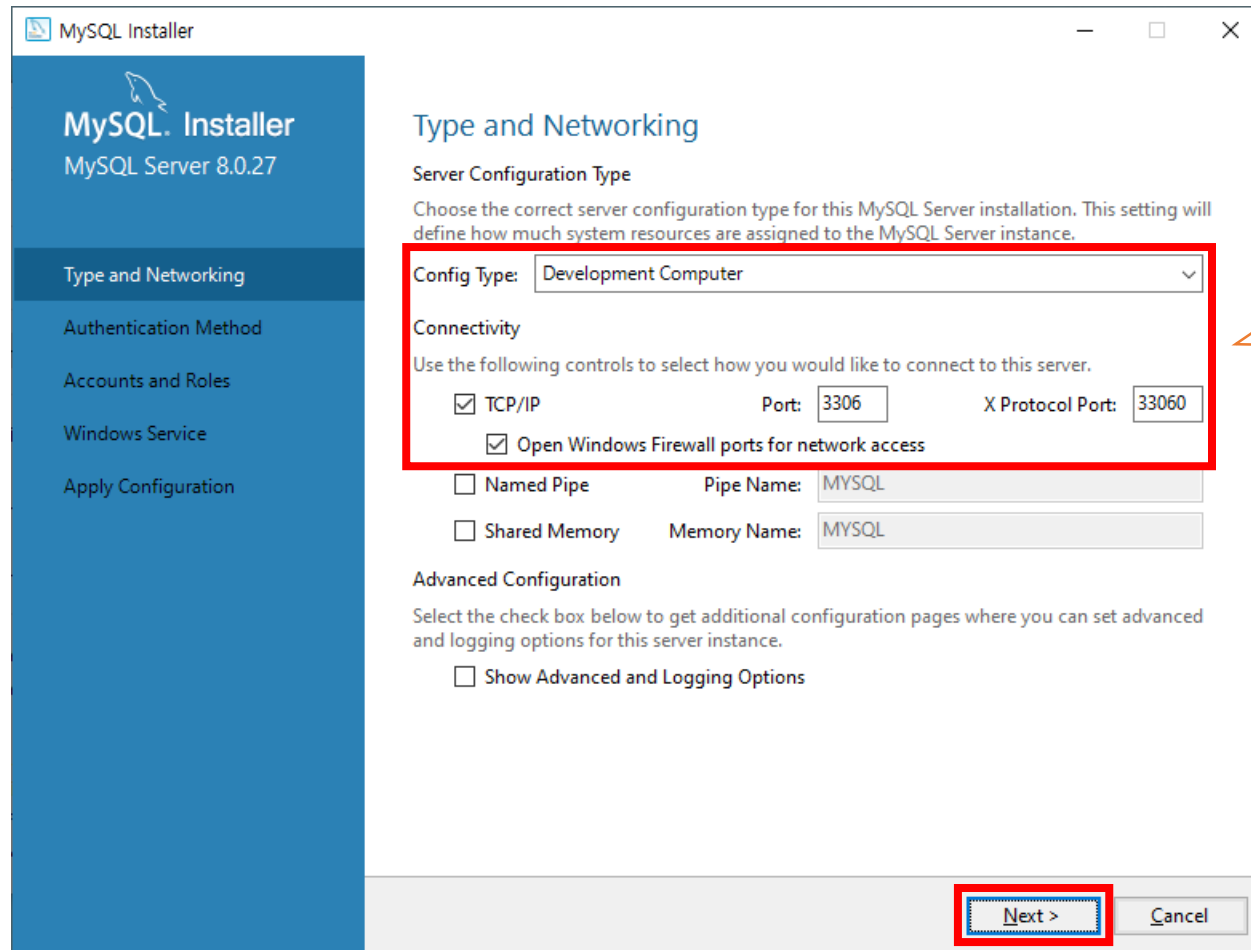
MySQL 설치 #11

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:

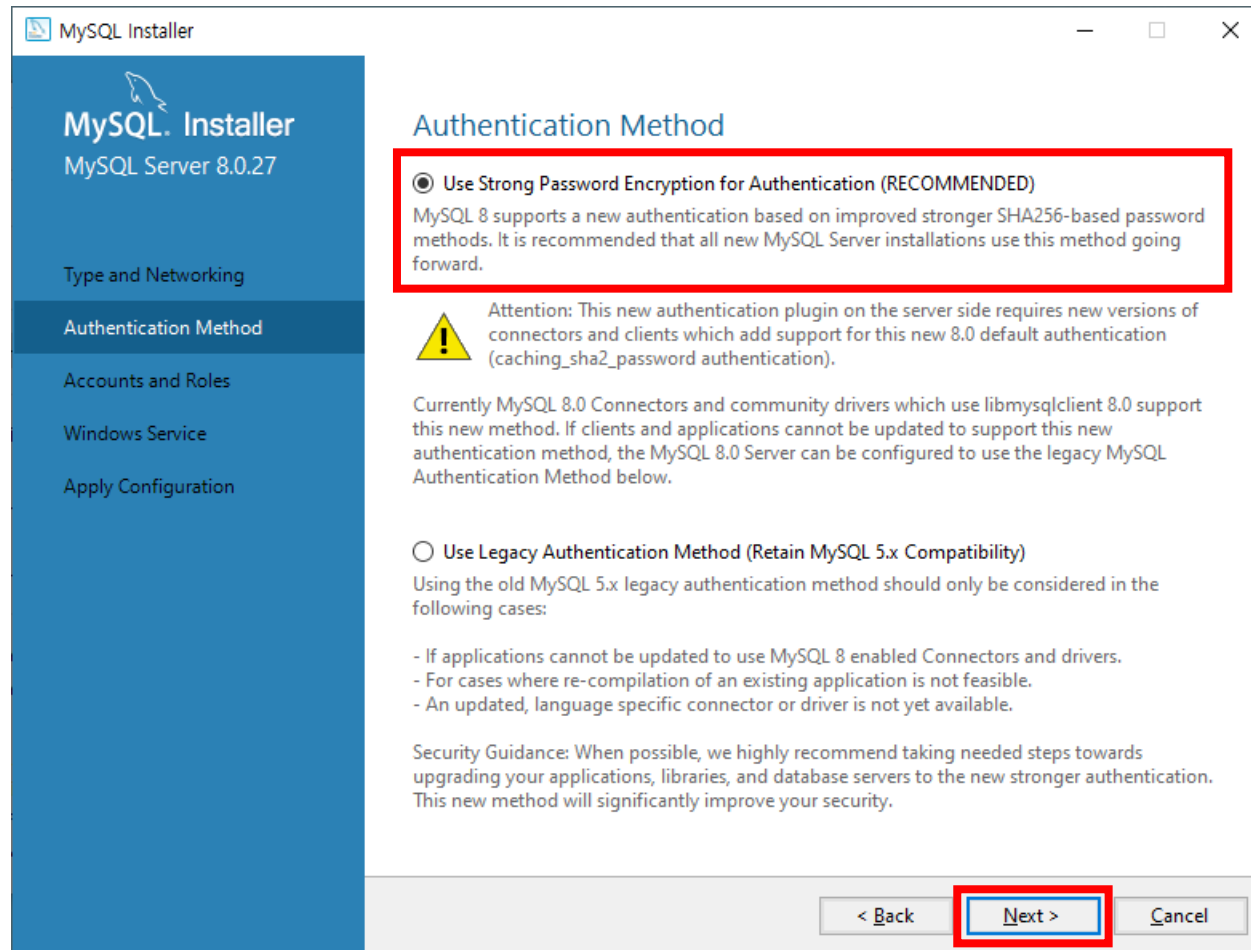
- Server Configuration Type**: A dropdown menu set to 'Development Computer'.
- Connectivity**: A section with the instruction 'Use the following controls to select how you would like to connect to this server.' It includes:
 - ☒ TCP/IP: Port: 3306, X Protocol Port: 33060
 - ☒ Open Windows Firewall ports 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

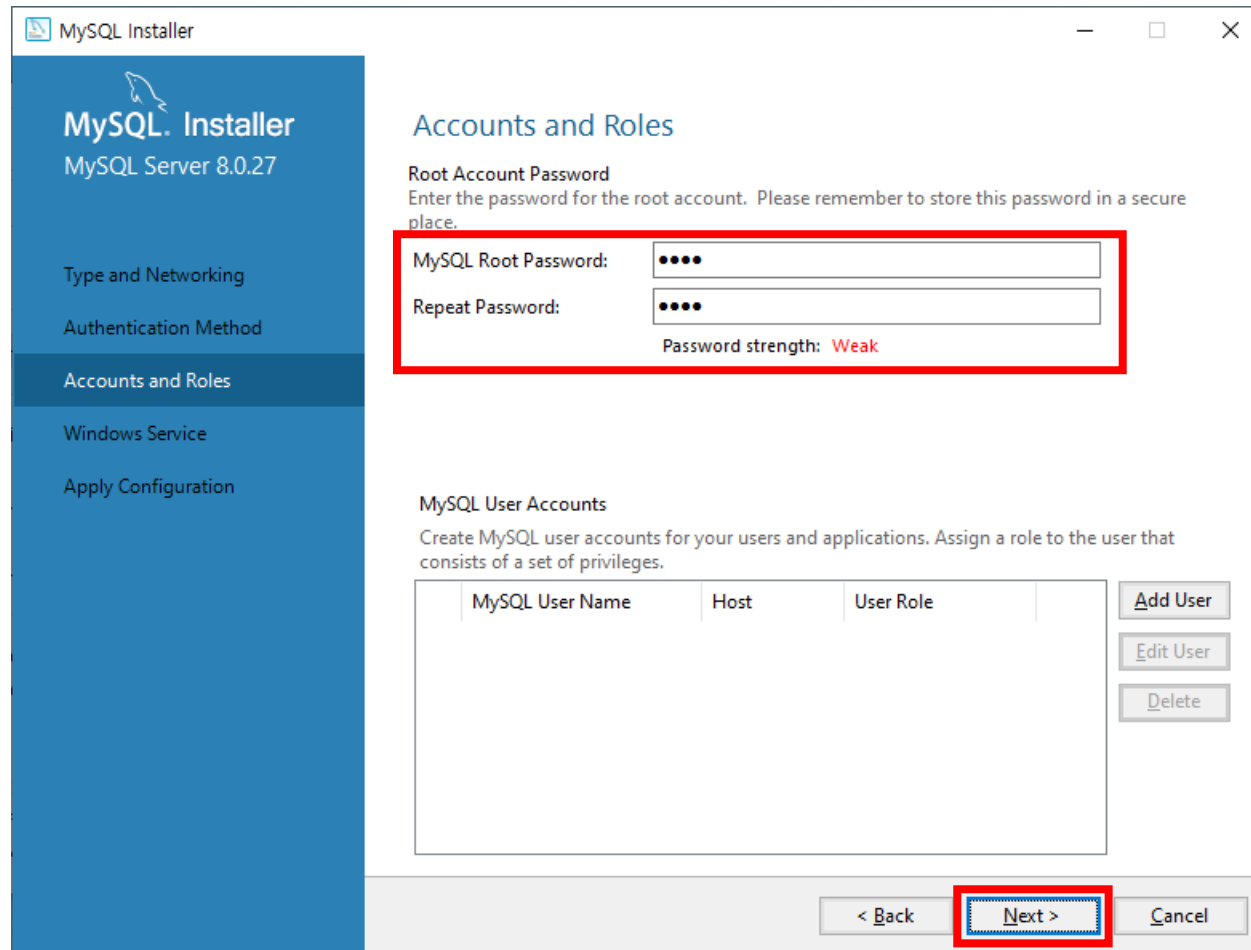
사용자 인증 방법
SHA-256 방식



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

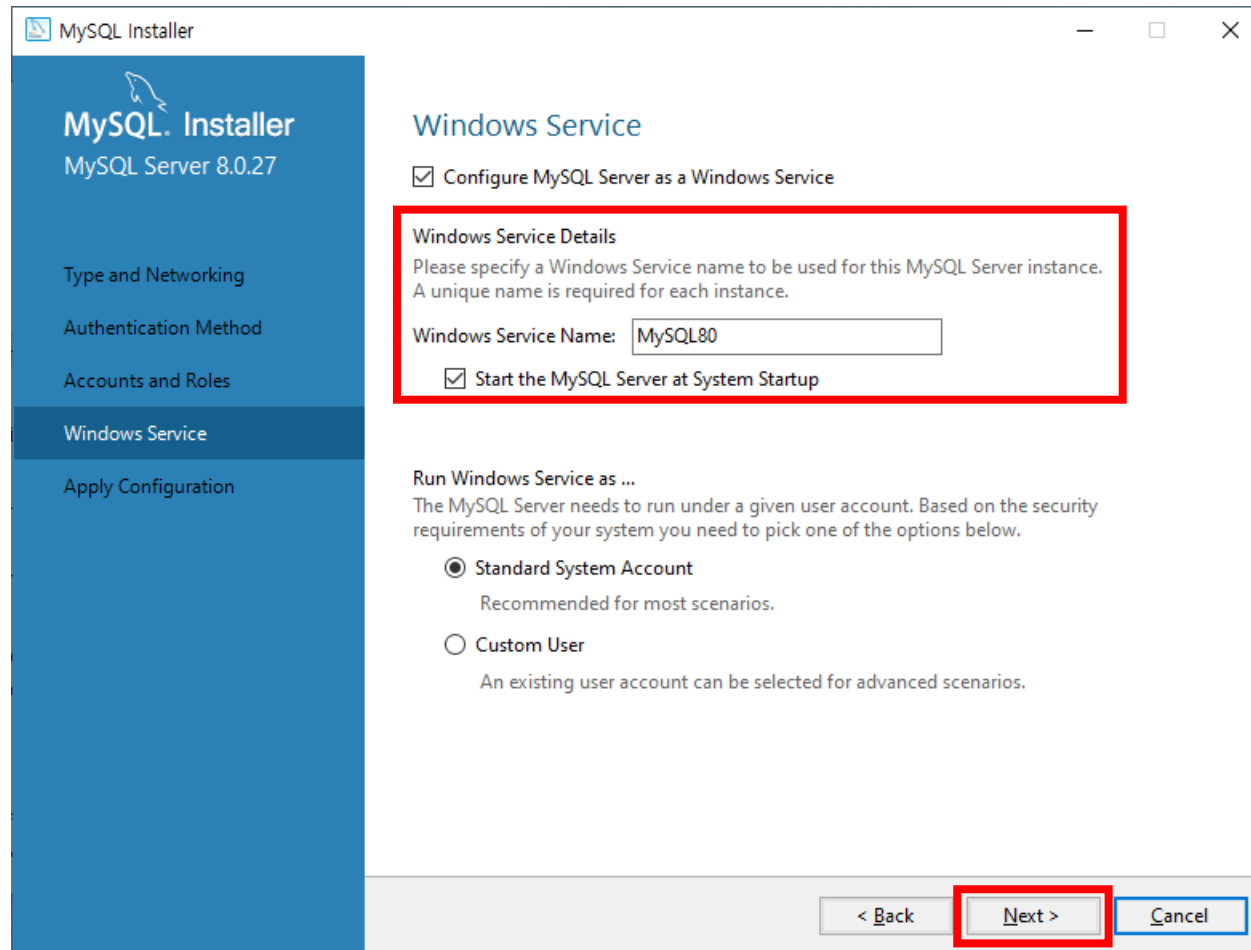
[Add User](#)
[Edit User](#)
[Delete](#)

< Back **Next >** Cancel

MySQL 설치 #15

Windows Service
이름

MySQL80



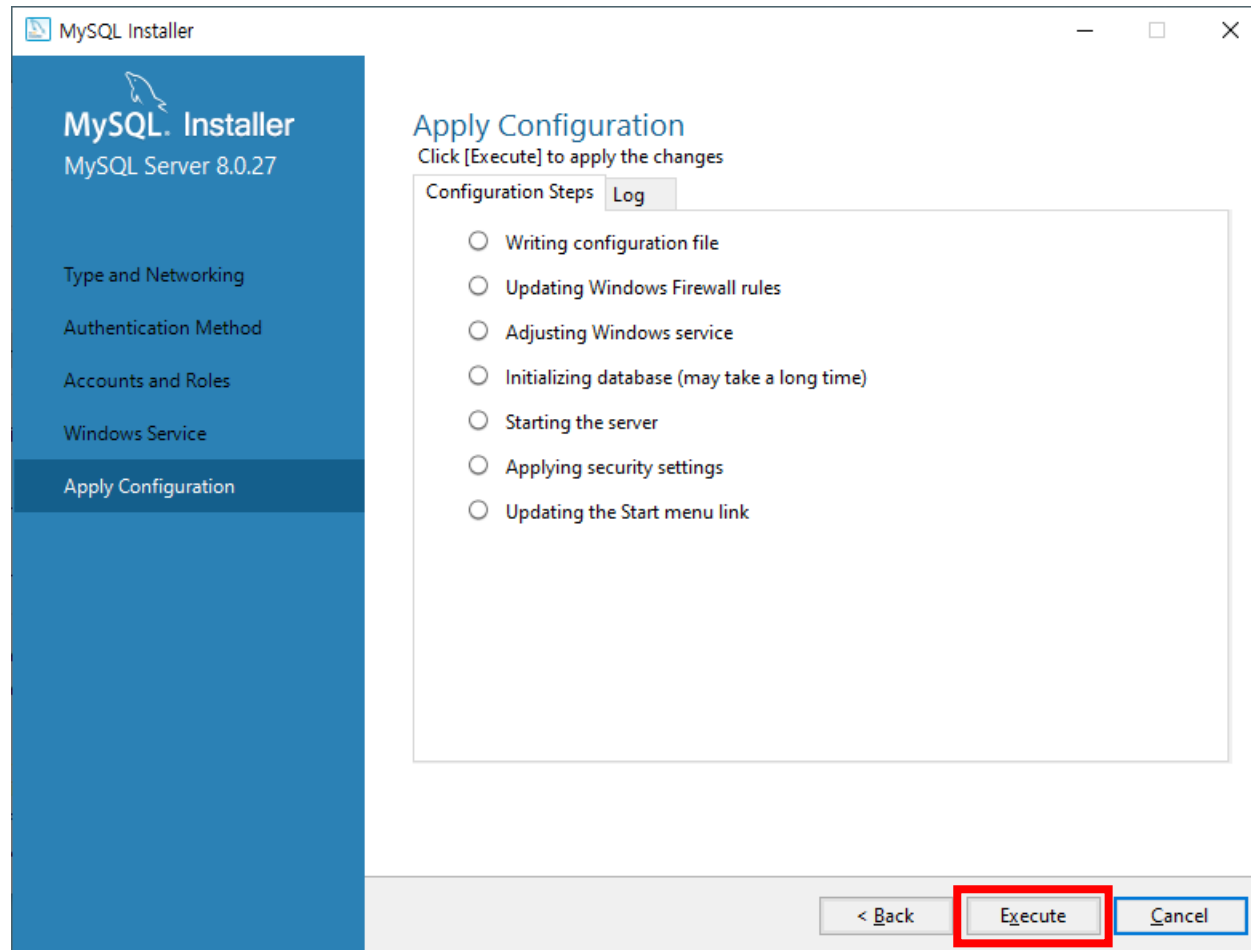
The image shows the MySQL Installer window for Windows Service configuration. The left sidebar contains the following steps: Type and Networking, Authentication Method, Accounts and Roles, Windows Service (highlighted), and Apply Configuration. The main content area is titled 'Windows Service' and includes the following elements:

- ☒ Configure MySQL Server as a Windows Service
- Windows Service Details** (highlighted with a red box):
 - 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 box), and 'Cancel'.

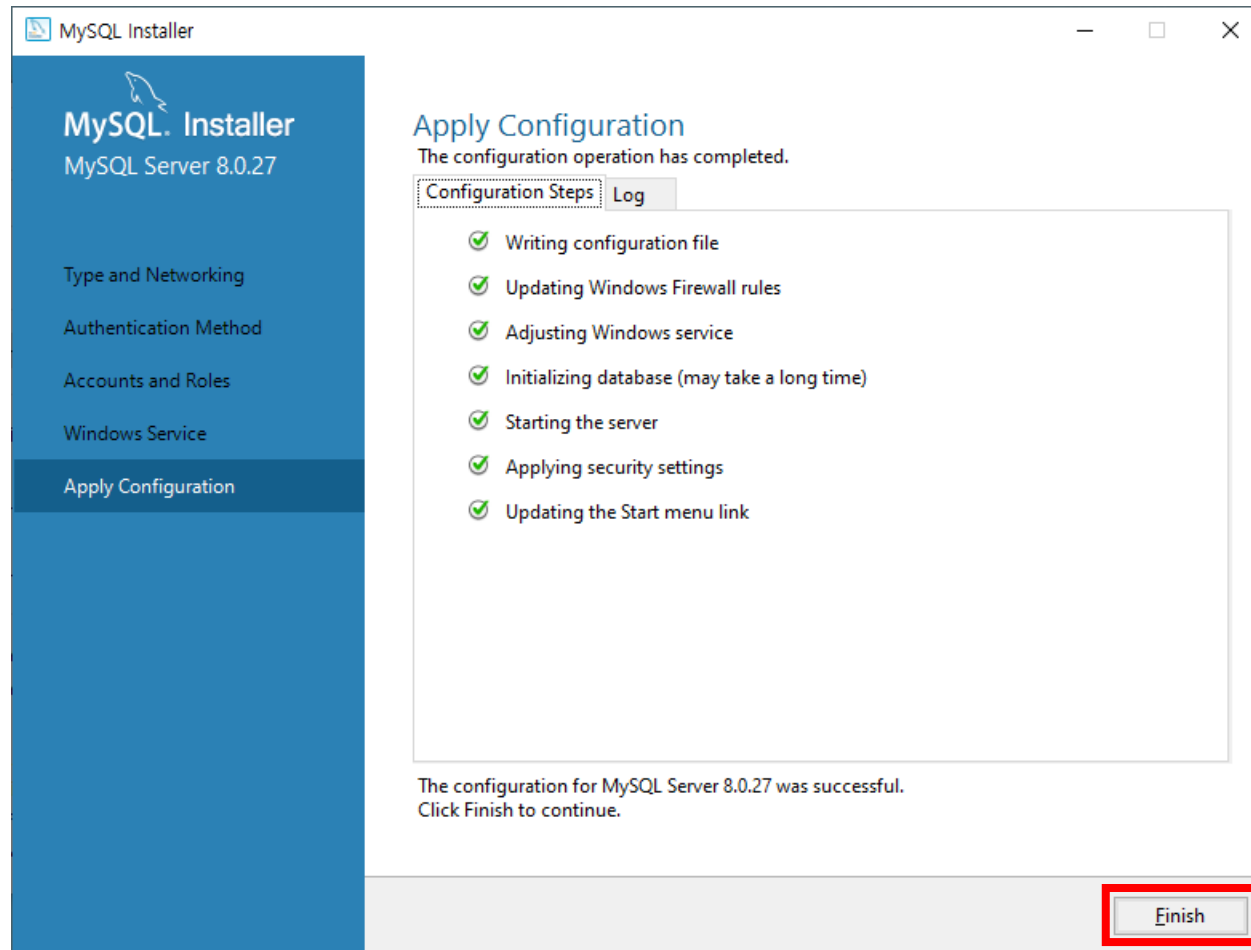
MySQL 설치 #16

MySQL Server
환경 설정
적용될 내용 확인



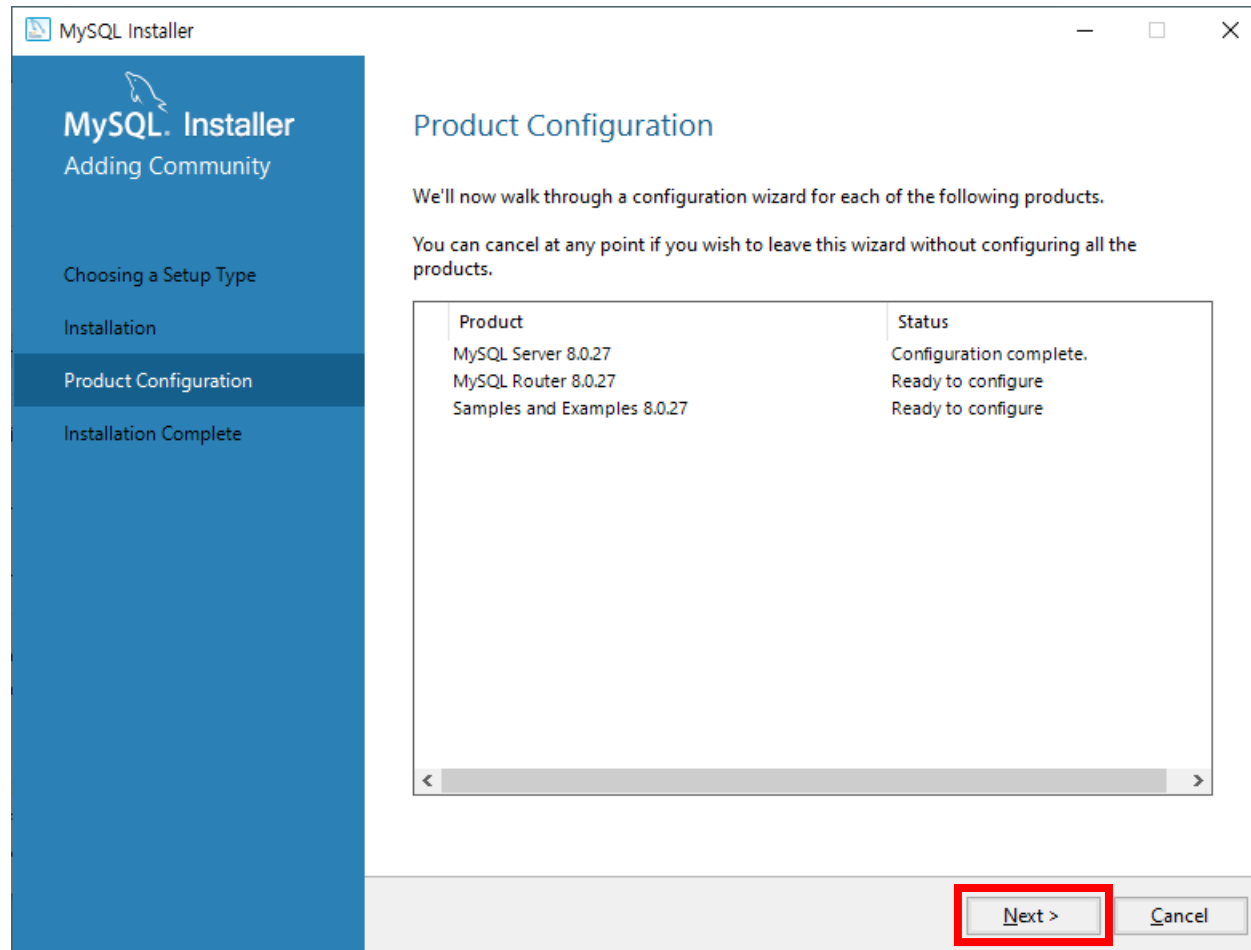
MySQL 설치 #17

MySQL Server
환경 설정
적용 완료



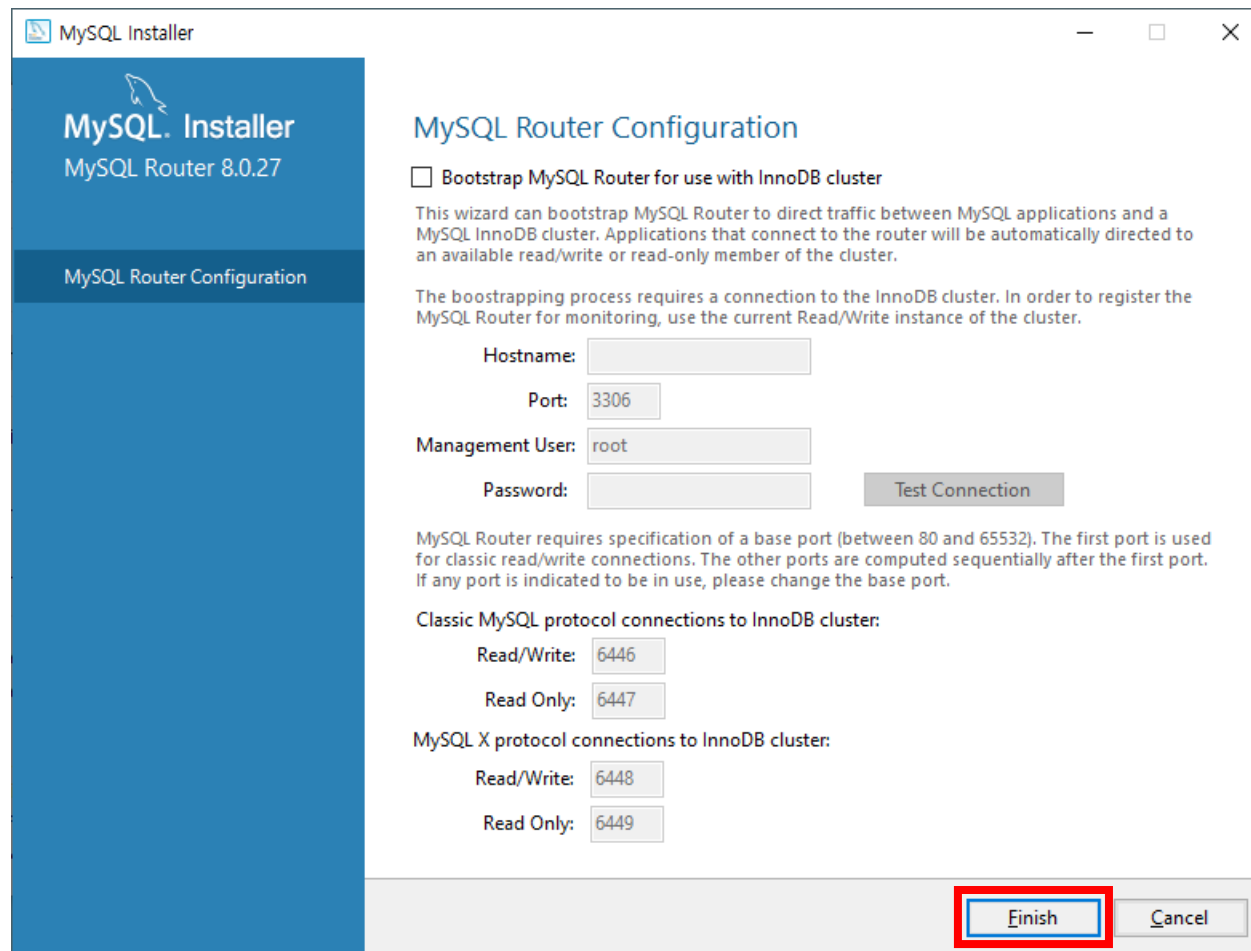
MySQL 설치 #18

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 sidebar on the left with the MySQL logo and the text 'MySQL Router 8.0.27'. The main area is white and contains the following content:

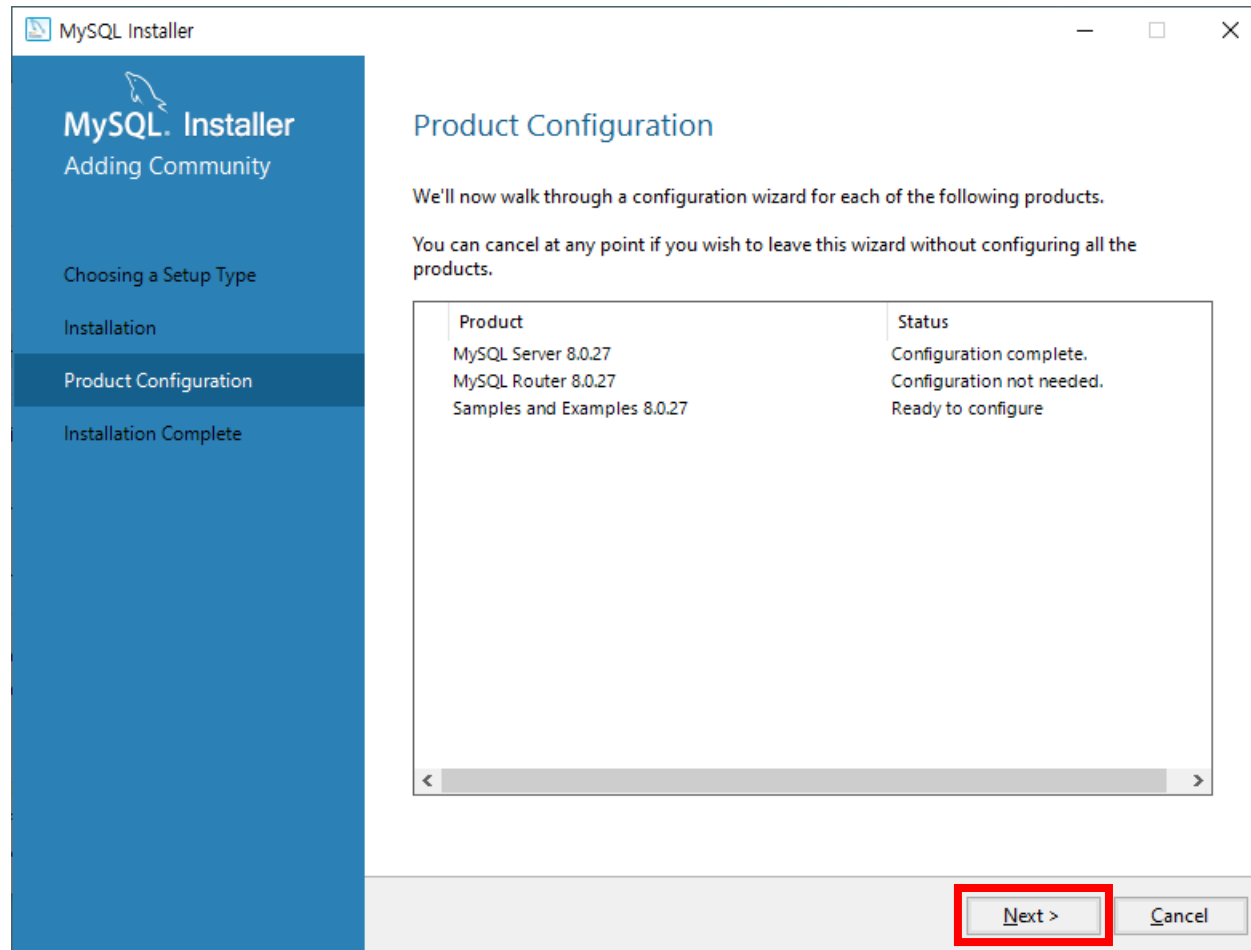
- MySQL Router Configuration**
- ☐ Bootstrap MySQL Router for use with InnoDB cluster
- This wizard can bootstrap MySQL Router to direct traffic between MySQL applications and a MySQL InnoDB cluster. Applications that connect to the router will be automatically directed to an available read/write or 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:
- 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:
-

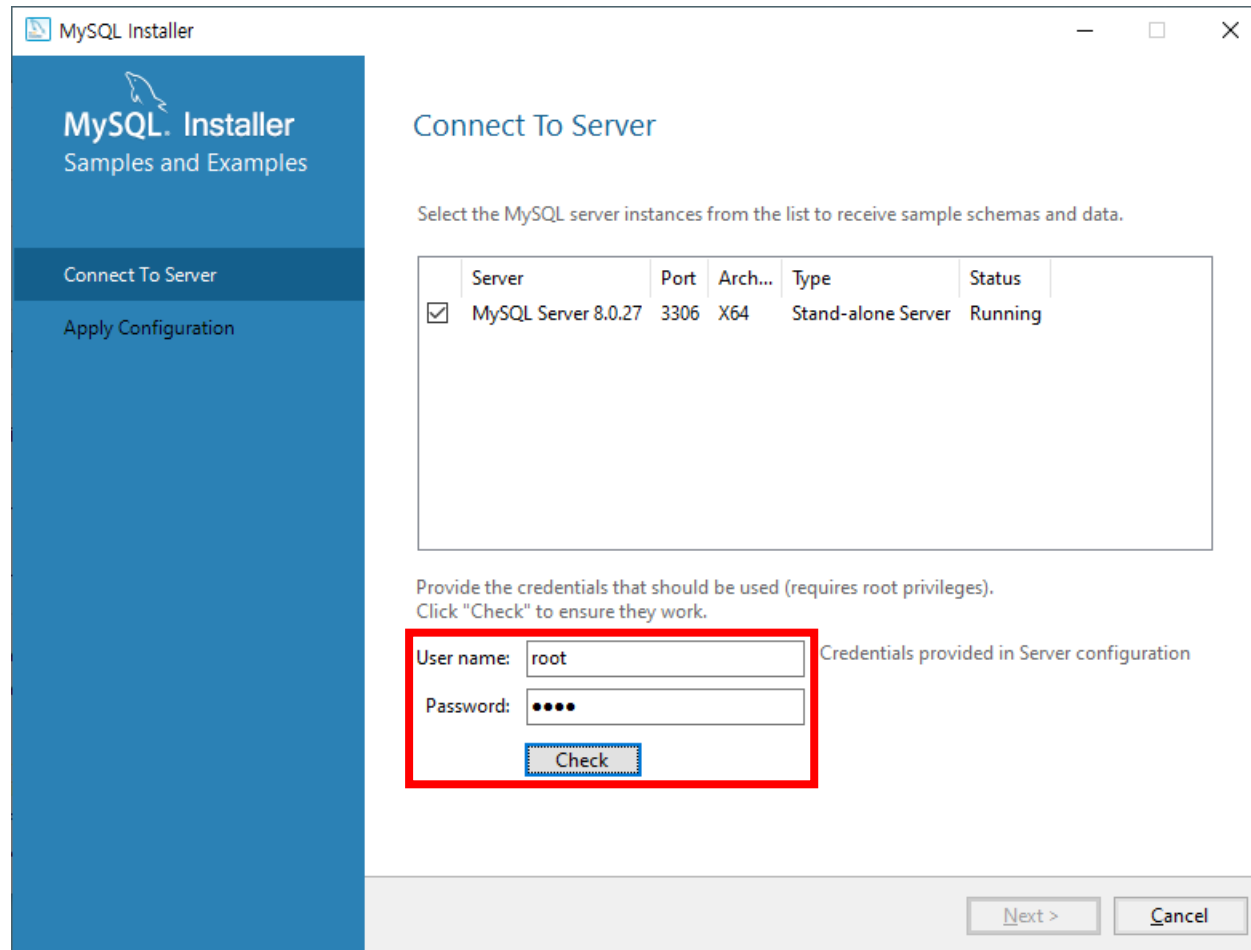
MySQL 설치 #20

Samples and
Examples
환경 설정



MySQL 설치 #21

root 계정
접속 테스트



The screenshot shows the 'MySQL Installer' window with the 'Connect To Server' tab selected. The left sidebar contains 'MySQL Installer Samples and Examples', 'Connect To Server', and 'Apply Configuration'. The main area is titled 'Connect To Server' and includes instructions to select server instances. A table lists one instance: 'MySQL Server 8.0.27' on port '3306', architecture 'X64', type 'Stand-alone Server', and status 'Running'. Below the table, there is a section for providing credentials, with a red box highlighting the 'User name' field (containing 'root'), the 'Password' field (containing four dots), and the 'Check' button. The text 'Credentials provided in Server configuration' is to the right of these fields. At the bottom right are 'Next >' and 'Cancel' buttons.

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:

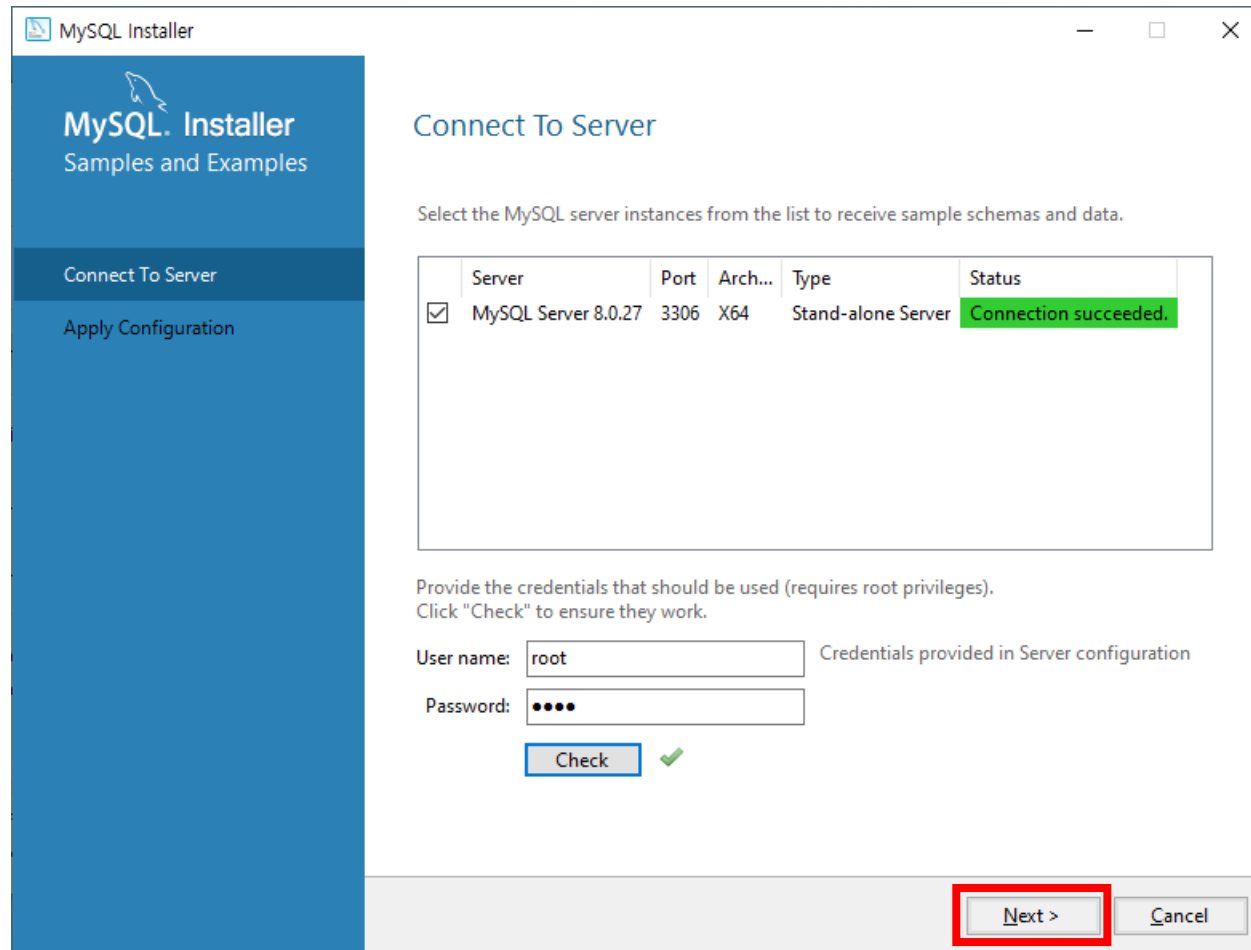
Check

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' step. The left sidebar has 'Connect To Server' selected. The main area shows a table of server instances. One instance, 'MySQL Server 8.0.27', is selected with a checkmark. Its status is 'Connection succeeded.' in a green box. Below the table, there are fields for 'User name' (root) and 'Password' (masked with dots). A 'Check' button with a green checkmark is visible. At the bottom right, the 'Next >' button is highlighted with a red rectangle.

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.

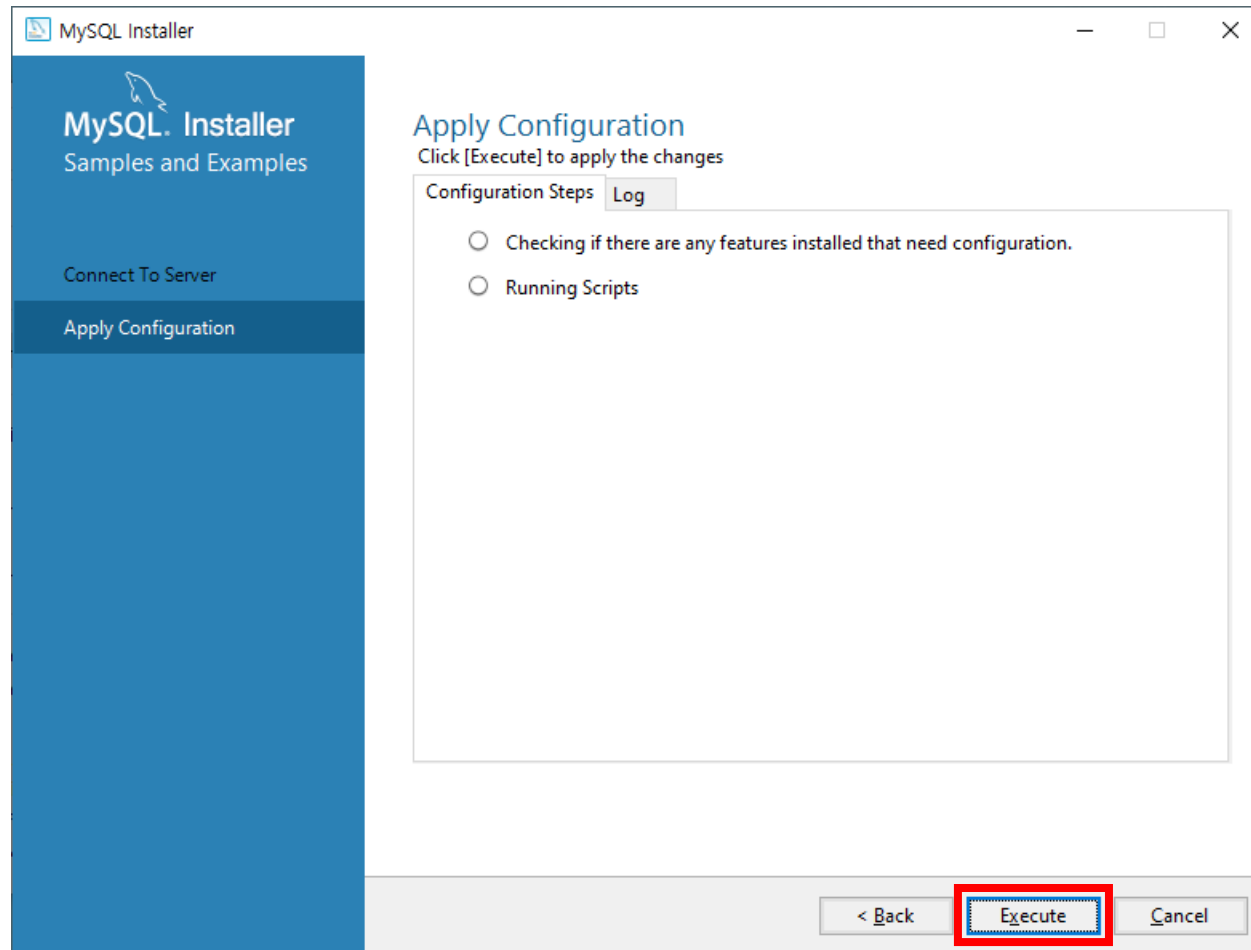
User name: Credentials provided in Server configuration

Password:



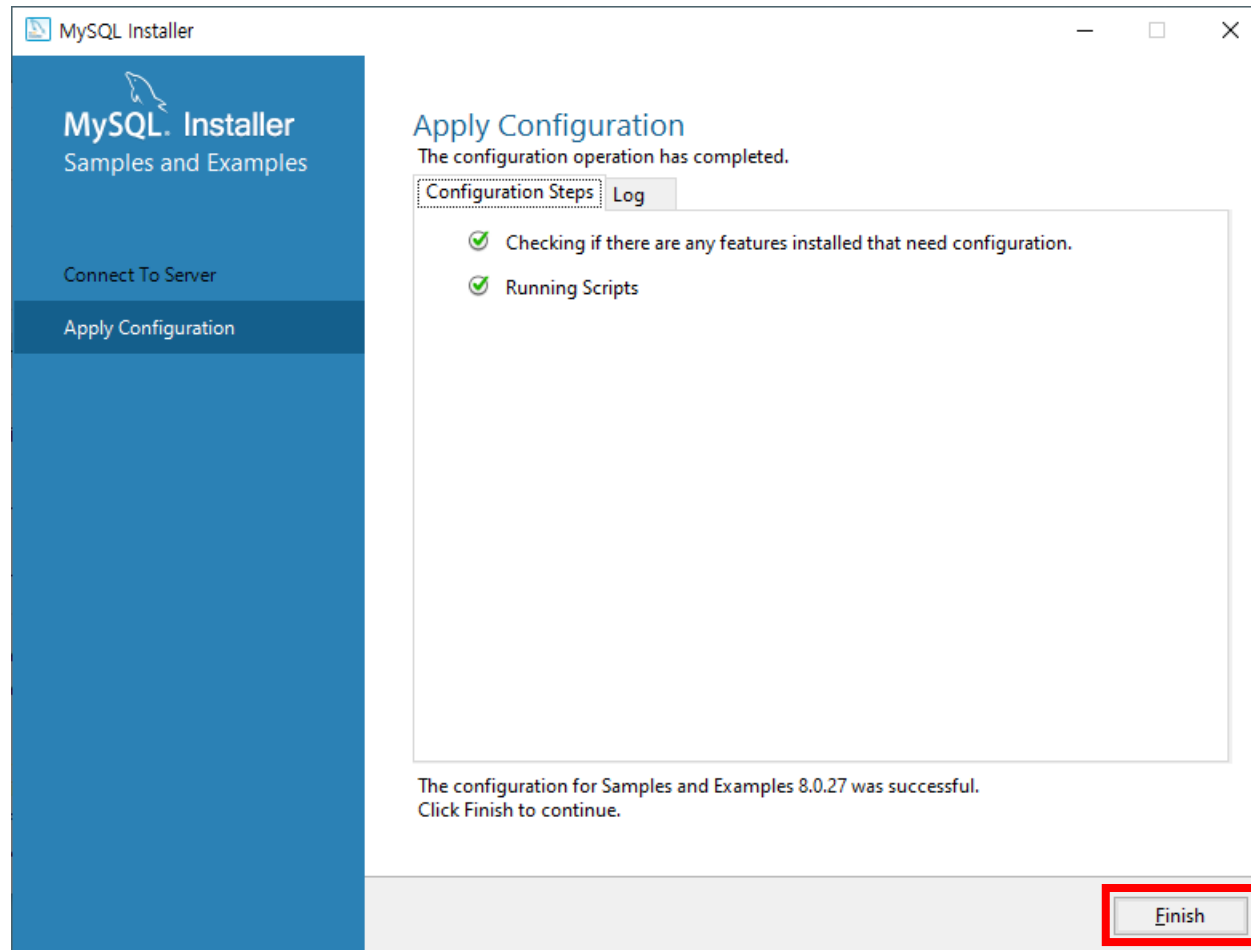
MySQL 설치 #23

Samples and
Examples
환경 설정
적용될 내용 확인



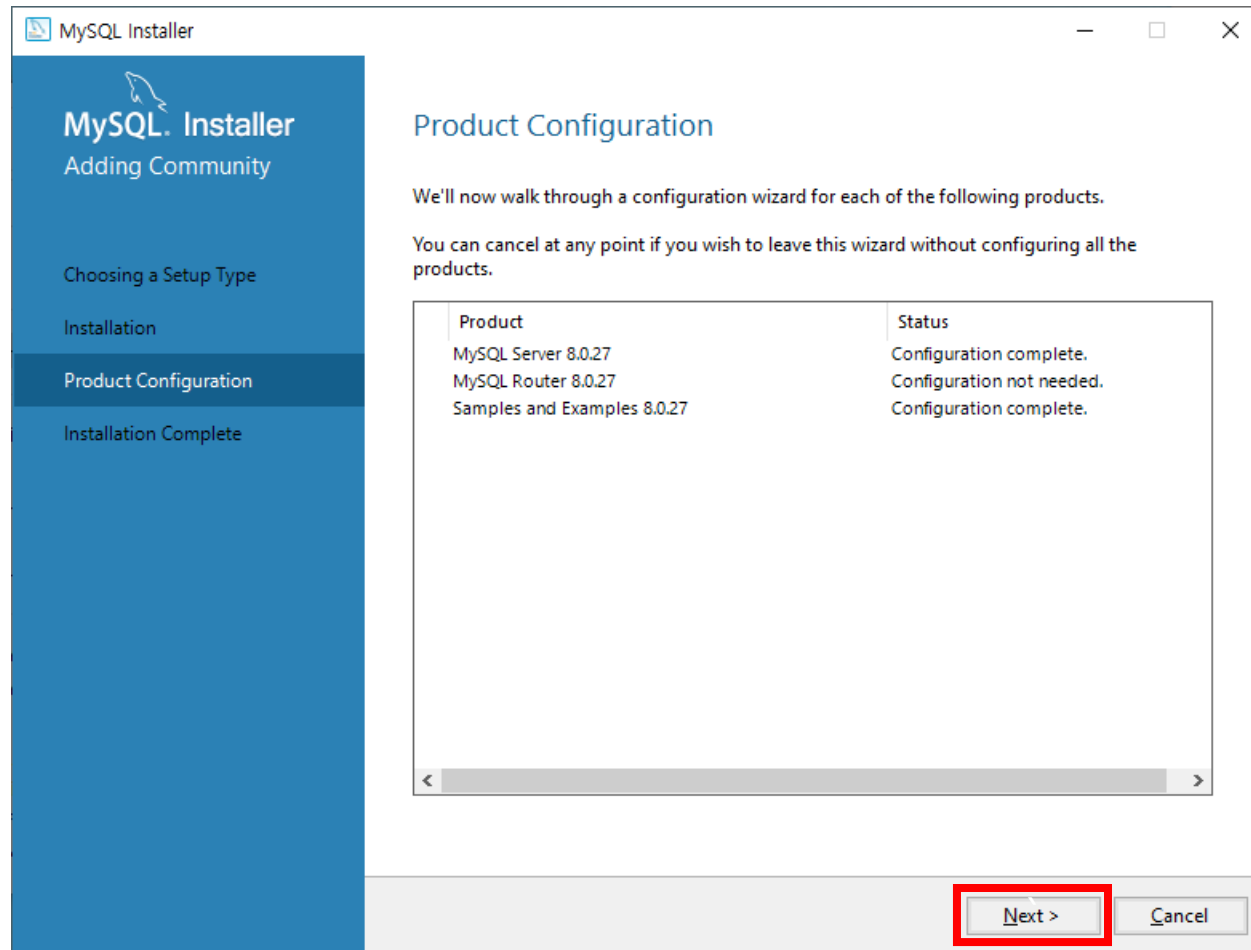
MySQL 설치 #24

Samples and
Examples
환경 설정
적용 완료



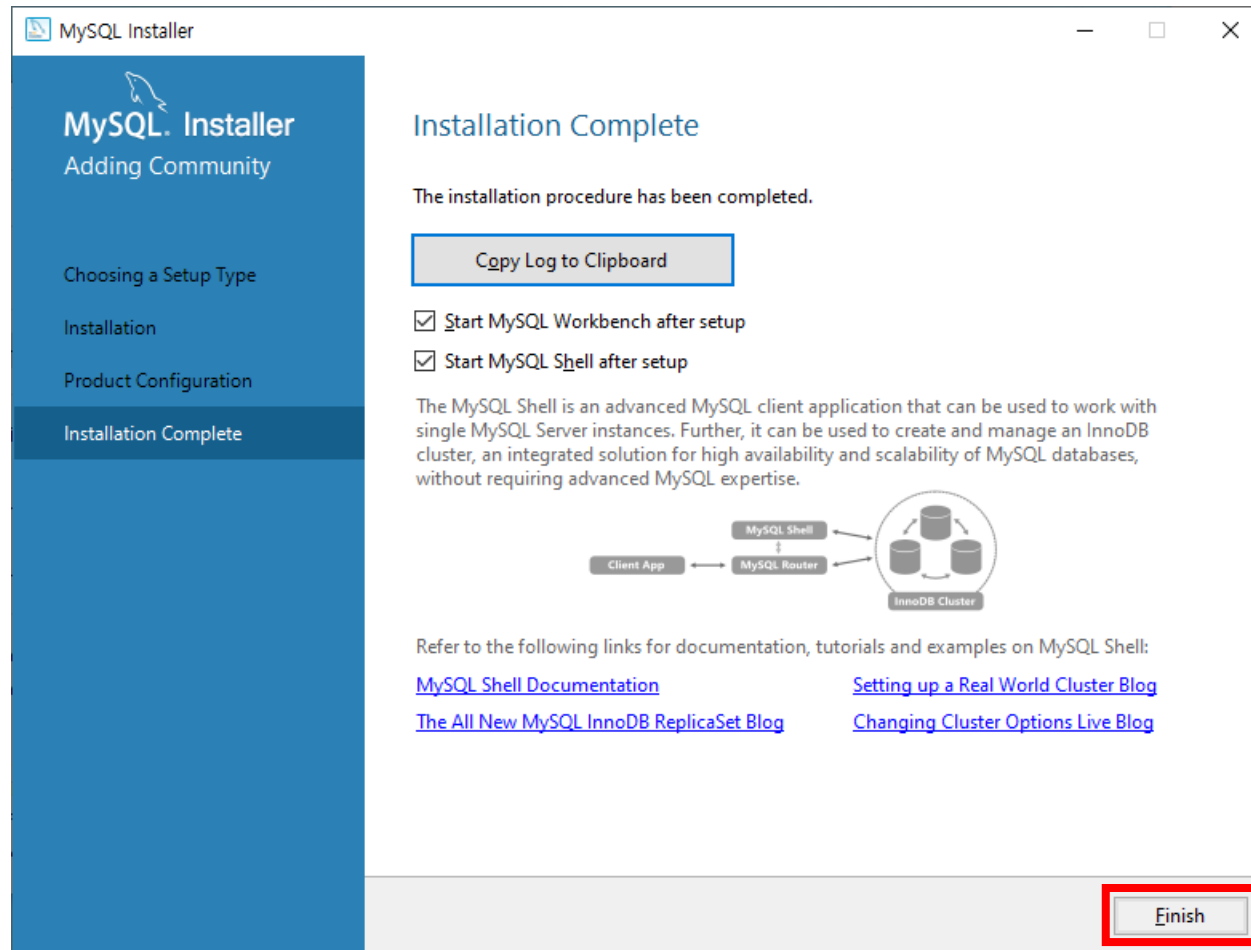
MySQL 설치 #25

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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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

