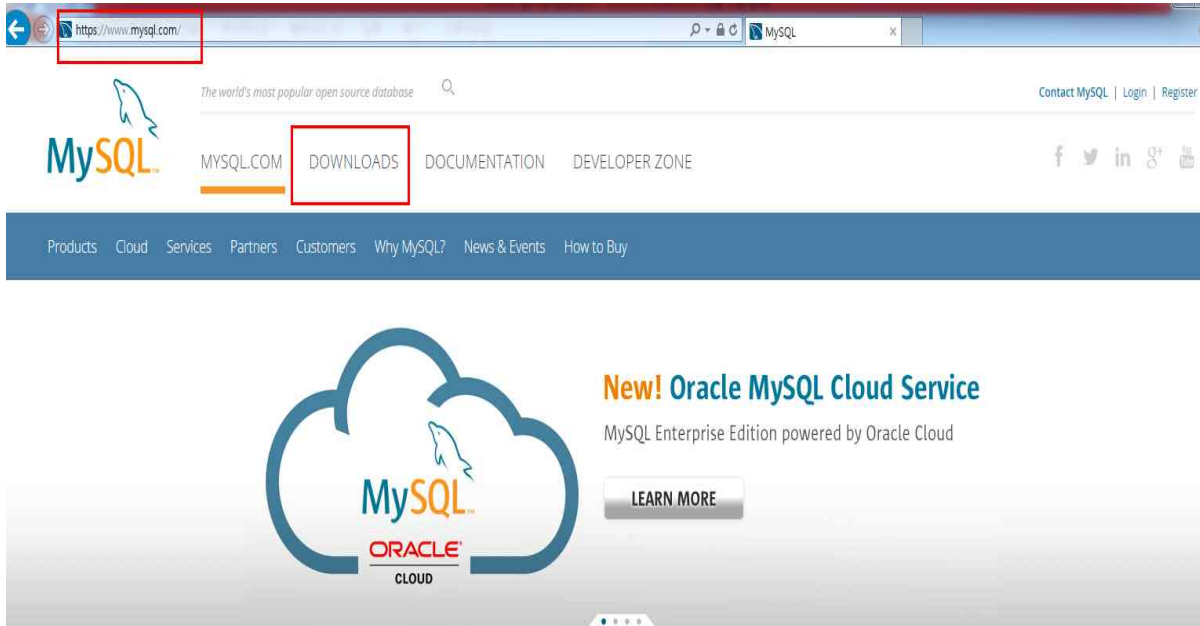
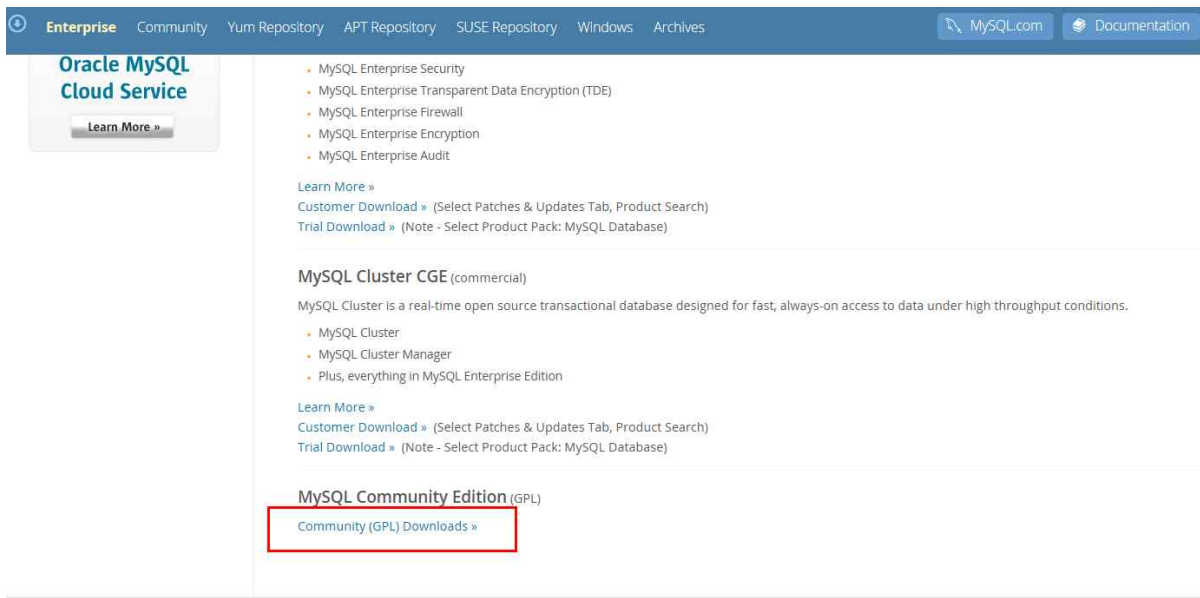


## \* MySQL 설치 진행

## 1. mysql.com에 접속 -&gt; DOWNLOAD 링크 클릭



## 2. MYSQL Community Edition(GPL) 다운로드



### 3. MySQL on Windows Installer 다운로드

#### MySQL Connectors

MySQL offers standard database driver connectivity for using MySQL with applications and tools that are compatible with industry standards ODBC and JDBC.

[DOWNLOAD](#)

#### MySQL on Windows (Installer & Tools)

(Current Generally Available Release: 5.7.21)

MySQL provides you with a suite of tools for developing and managing MySQL-based business critical applications on Windows.

[DOWNLOAD](#)

#### MySQL Yum Repository

MySQL provides a YUM software repository to simplify installing and updating MySQL products on a variety of Linux operating systems.

[DOWNLOAD](#)

### 4. MySQL Installer 클릭

## MySQL on Windows

MySQL provides you with a suite of tools for developing and managing business critical applications on Windows.

#### MySQL Installer

MySQL Installer provides an easy to use, wizard-based installation experience for all MySQL software on Windows.

#### MySQL Connectors

MySQL offers industry standard database driver connectivity for using MySQL with applications and tools.

#### MySQL Workbench

MySQL Workbench provides DBAs and developers an integrated tools environment for database design, administra

## 5. Download 클릭

**MySQL Installer 5.7.21**

Select Operating System:  
 Microsoft Windows ▼

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer	5.7.21	18.6M	Download
(mysql-installer-web-community-5.7.21.0.msi)		MD5: bb2b0571db135bda15f636386c30a422   Signature	
<b>Windows (x86, 32-bit), MSI Installer</b>	5.7.21	370.8M	<b>Download</b>
(mysql-installer-community-5.7.21.0.msi)		MD5: 0ca5dbc3b37c577eba0e42ee99bddfd7   Signature	

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

## 6. No thanks 클릭

## Begin Your Download

mysql-installer-community-5.7.21.0.msi

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
- Comment in the MySQL Documentation

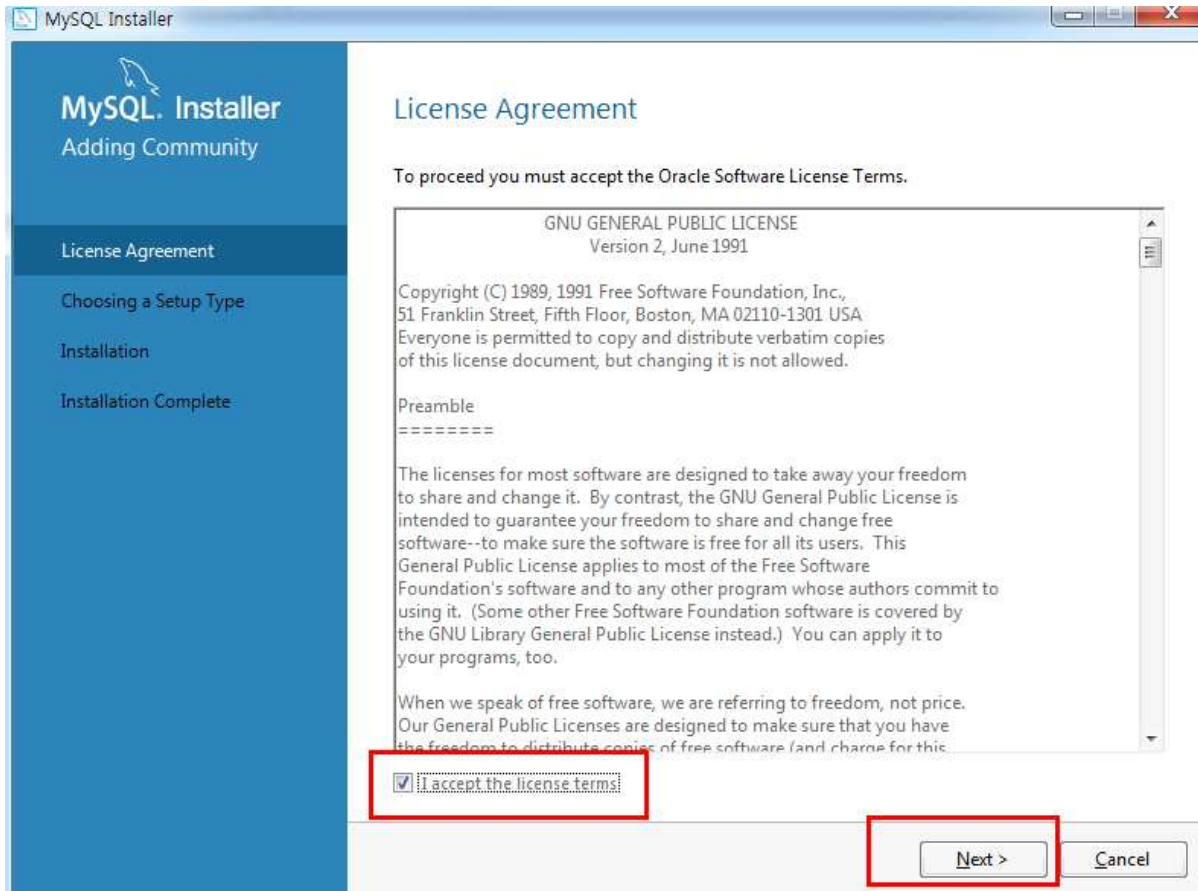
**Login »**  
 using my Oracle Web account

**Sign Up »**  
 for an Oracle Web account

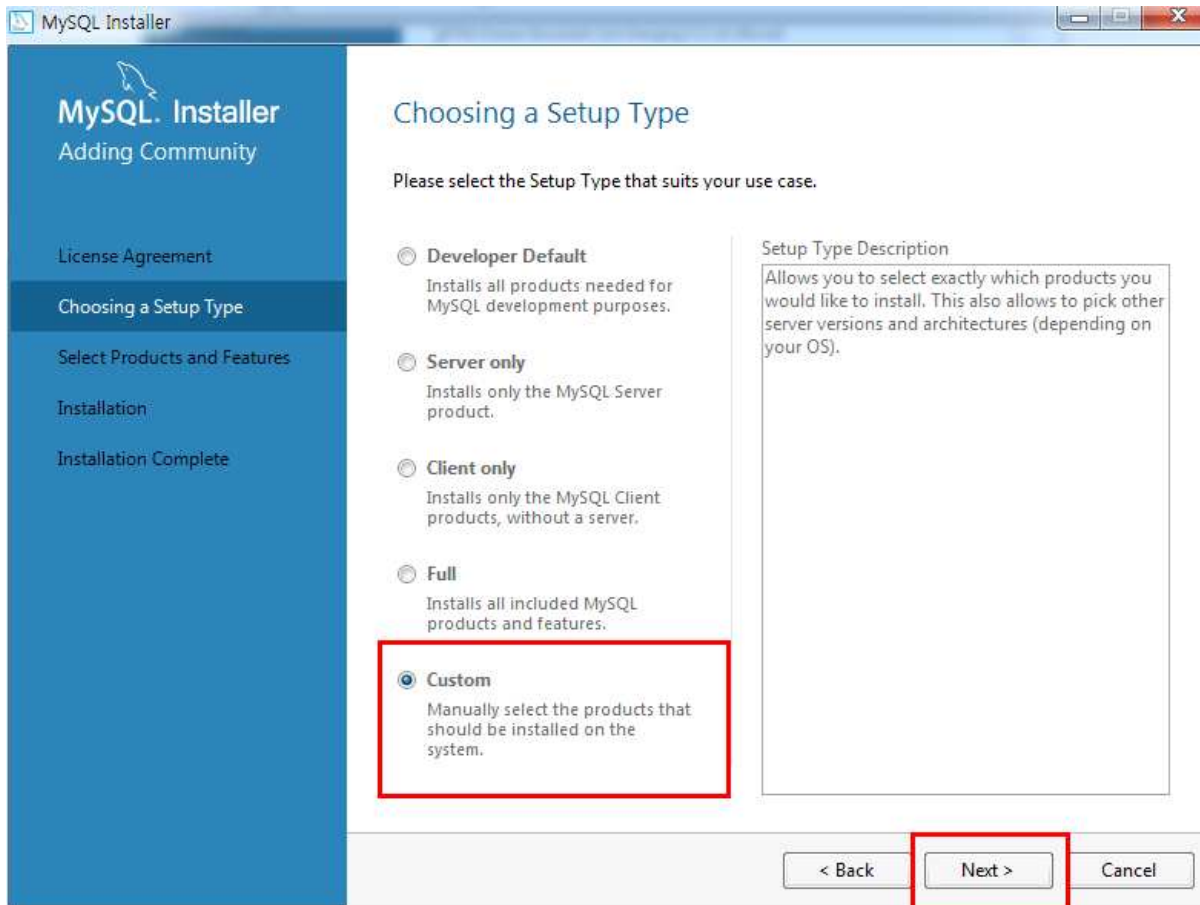
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

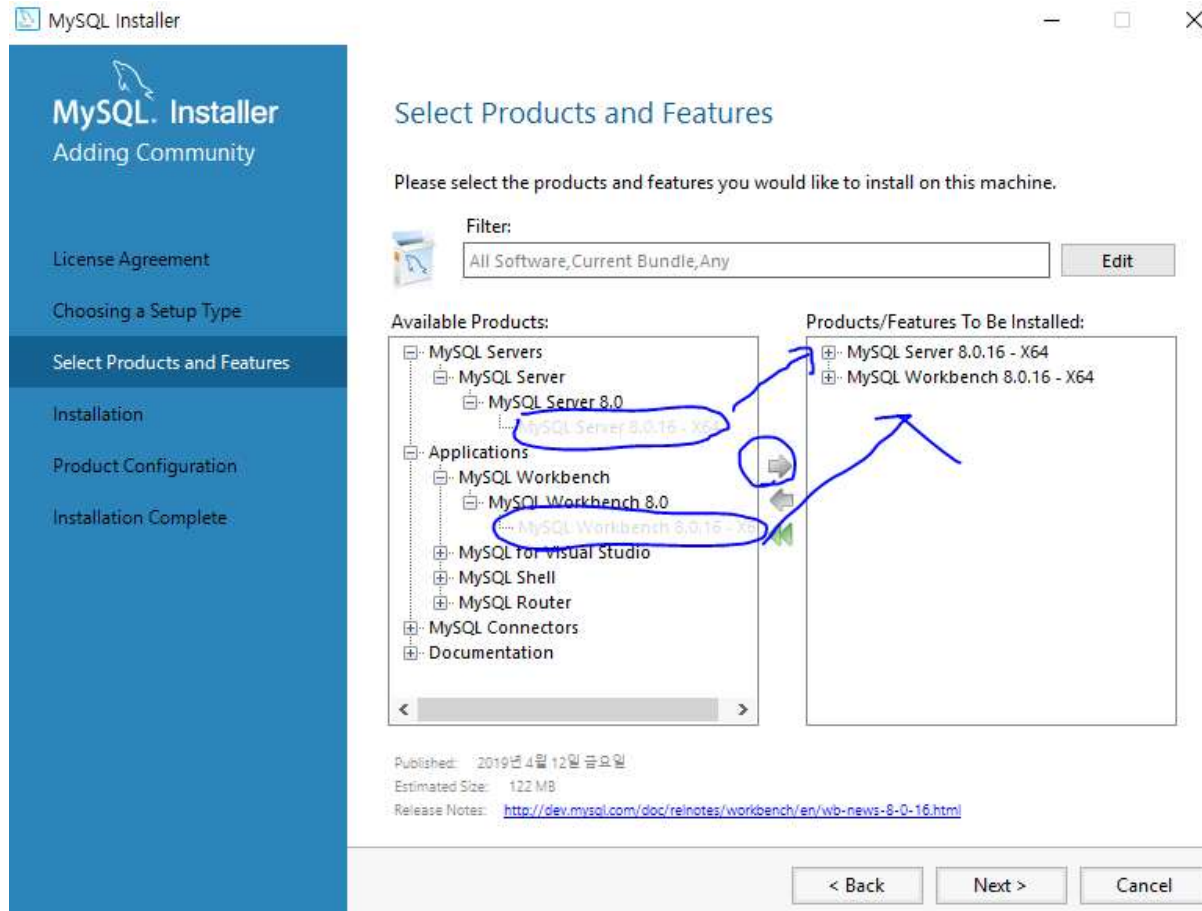
## 7. 설치 파일 실행 -&gt; 라이선스 동의 후 Next 클릭



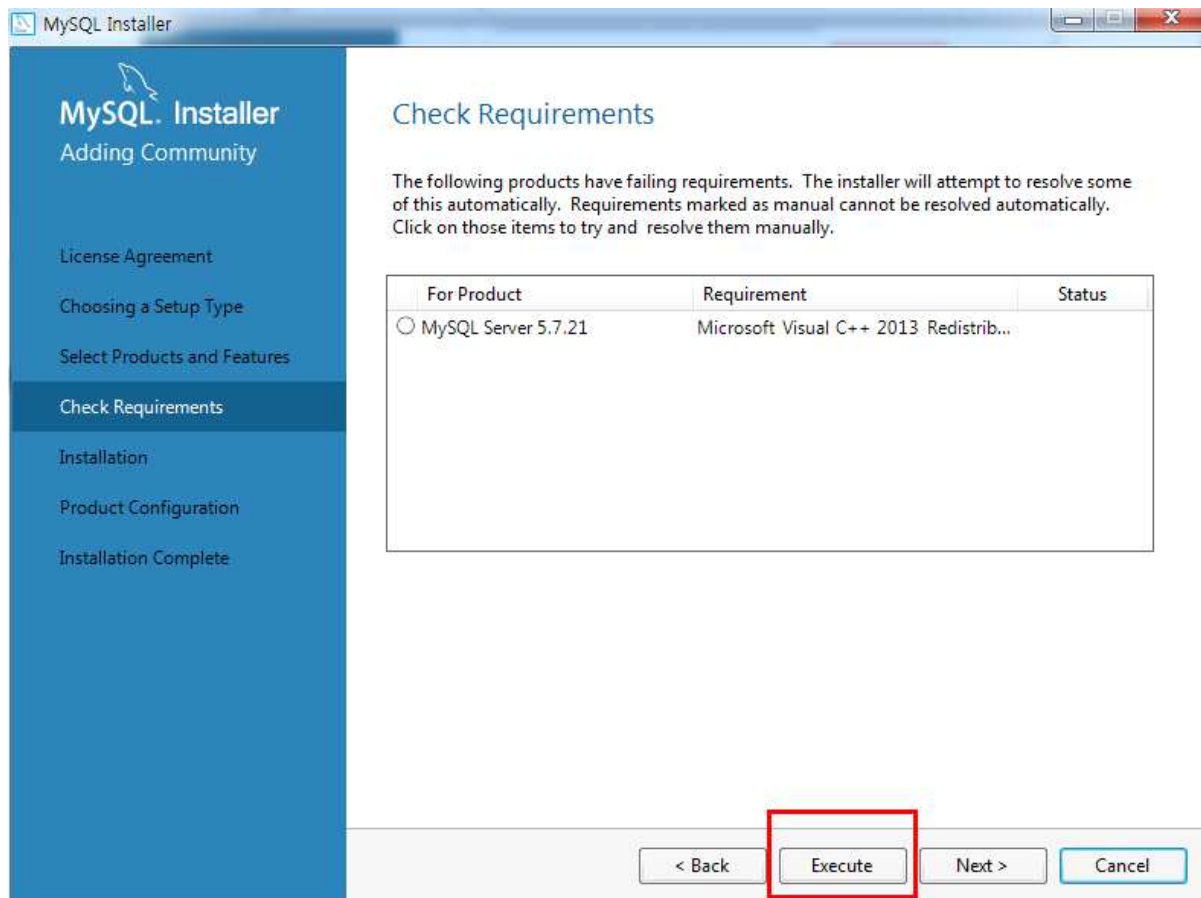
## 8. Custom 클릭 후 Next



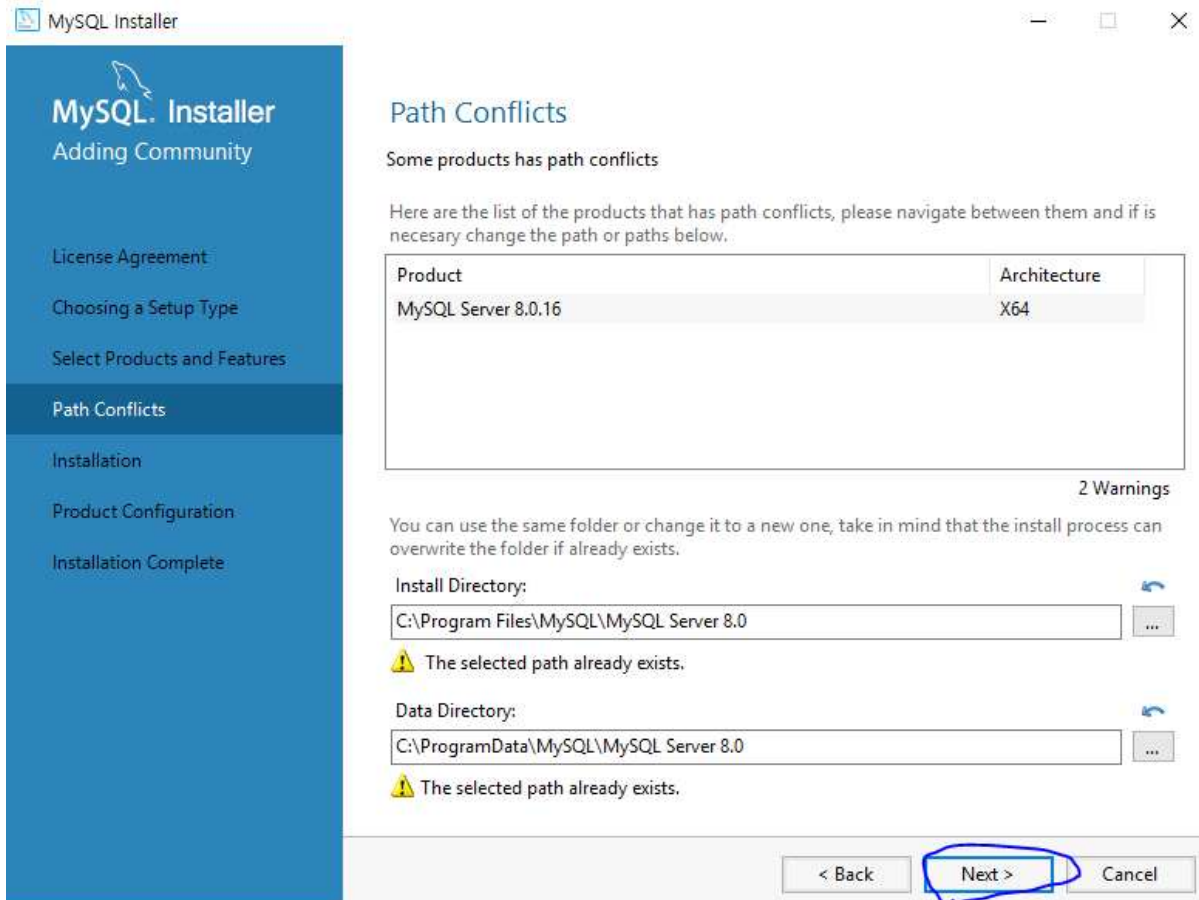
9. MySQL Server 탭 아래에 있는 MySQL Server 8.0.16 x64 파일, Application 탭 아래 MySQL Workbench, 화살표를 이용하여 오른쪽에 담고 Next클릭



## 10. Microsoft Visual C++ 2013 미 설치했을시에만 뜨는 화면, Execute를 눌러 설치하고 진행



## 11. Execute 버튼을 눌러 설치 시작





MySQL Installer

— □ ×

# MySQL. Installer

Adding Community

License Agreement

Choosing a Setup Type

Select Products and Features

Path Conflicts



Installation

Product Configuration

Installation Complete

## Installation

The following products will be installed.

Product	Status	Progress	Notes
 MySQL Server 8.0.16	Ready to Install		
 MySQL Workbench 8.0.16	Ready to Install		

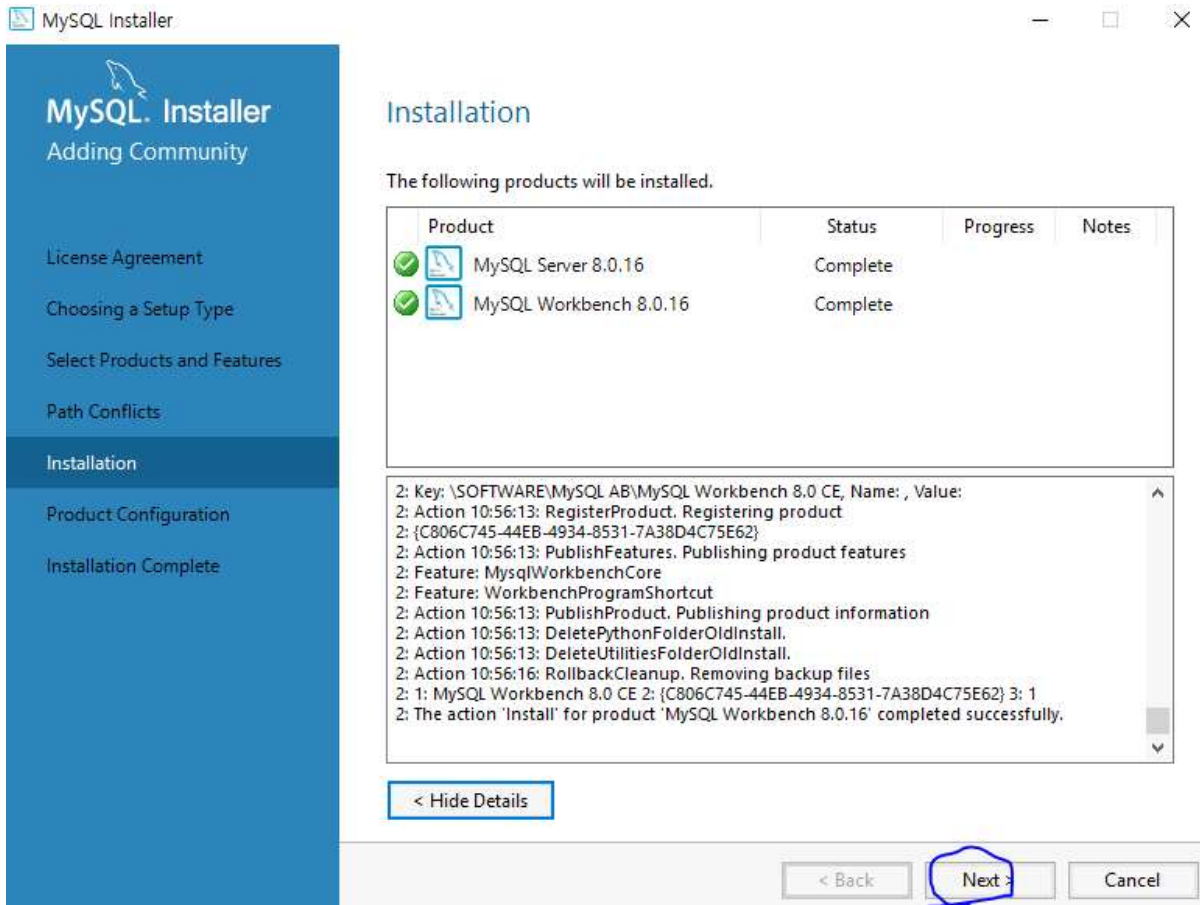
Click [Execute] to install the following packages.

&lt; Back

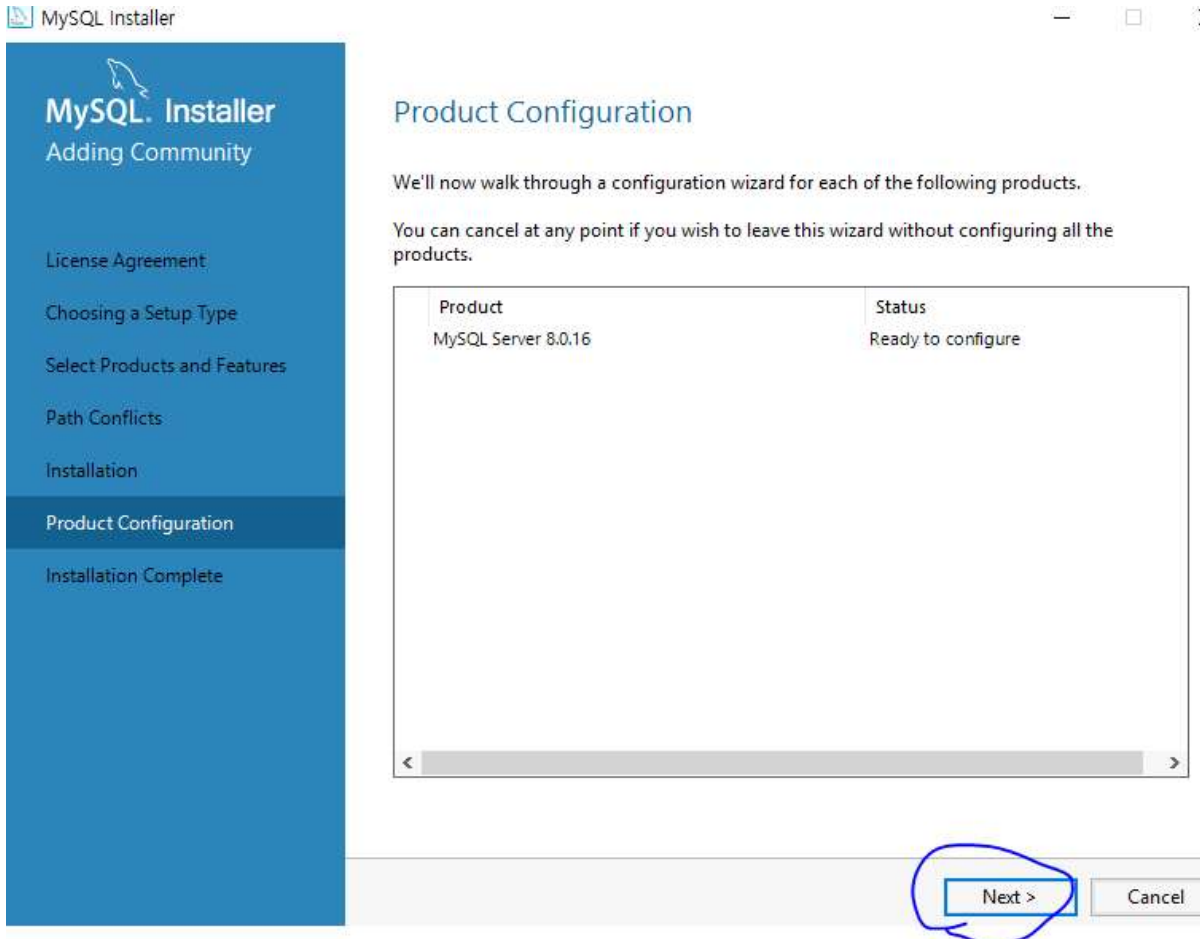
Execute

Cancel

## 12. 설치가 끝났으면 Next 클릭.

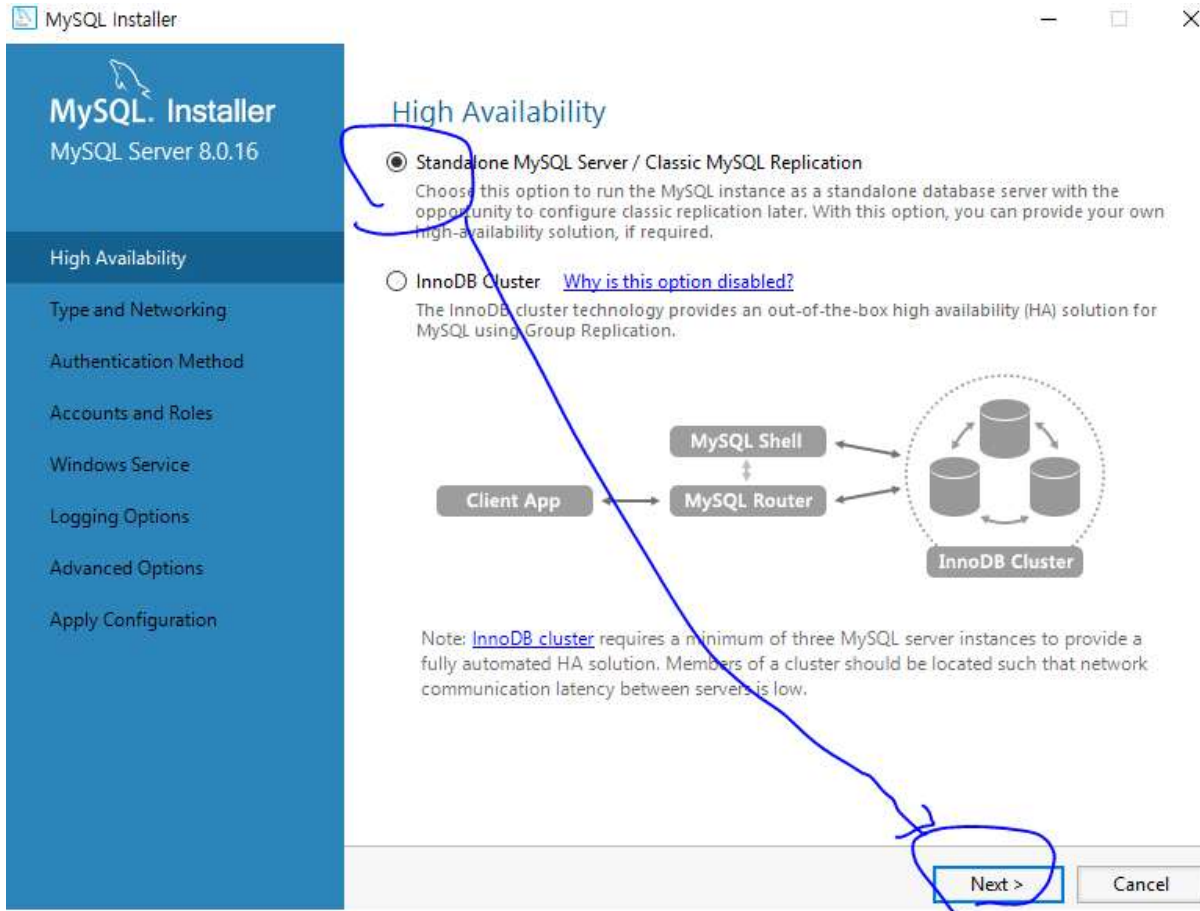


## 13. Next 클릭하여 서버 설정 시작.



## \* MySQL Server 설정

## 1. Standalone MySQL Server/Classic MySQL Replication 선택



## 2. Port번호 확인하고 넘어갈 것. 기본은 3306으로 되어있음.

MySQL Installer

MySQL Server 8.0.16

High Availability

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

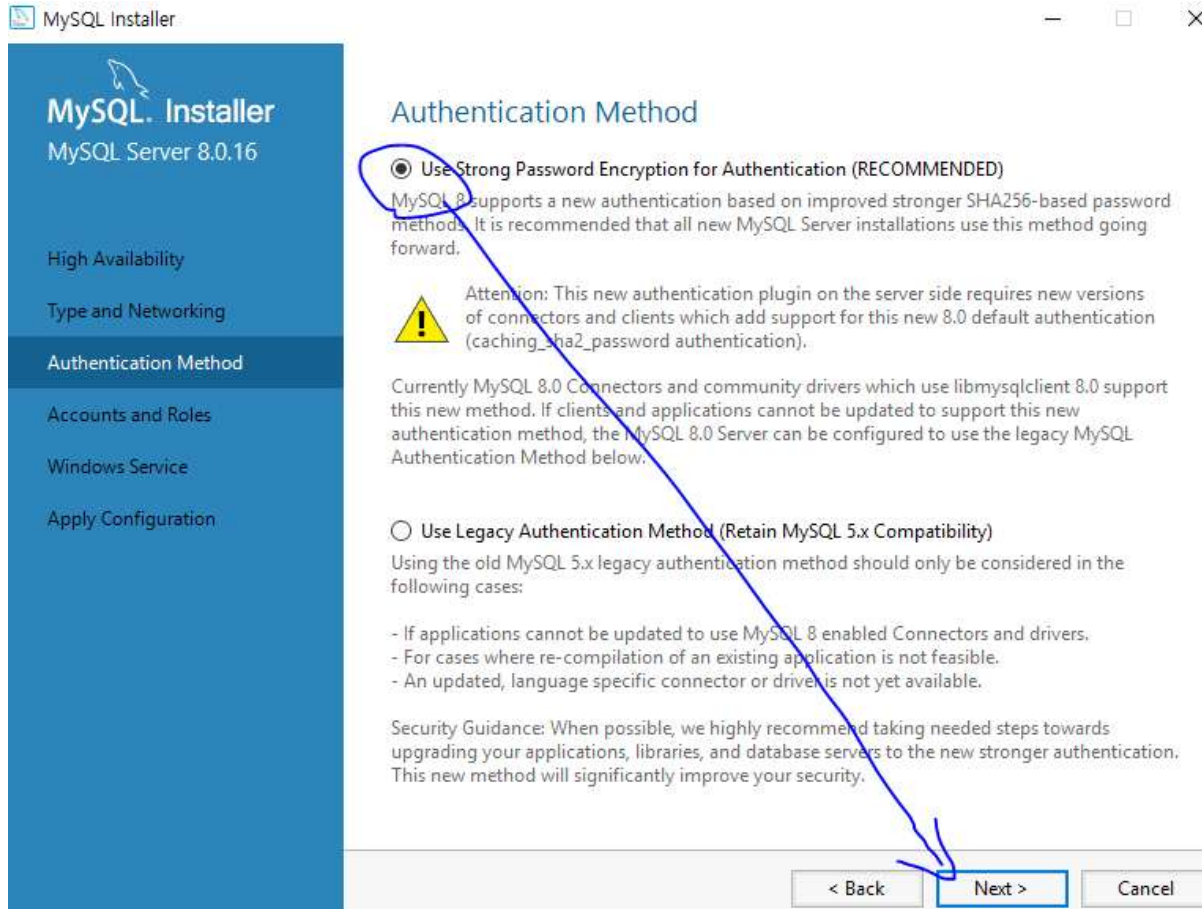
Advanced Configuration

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

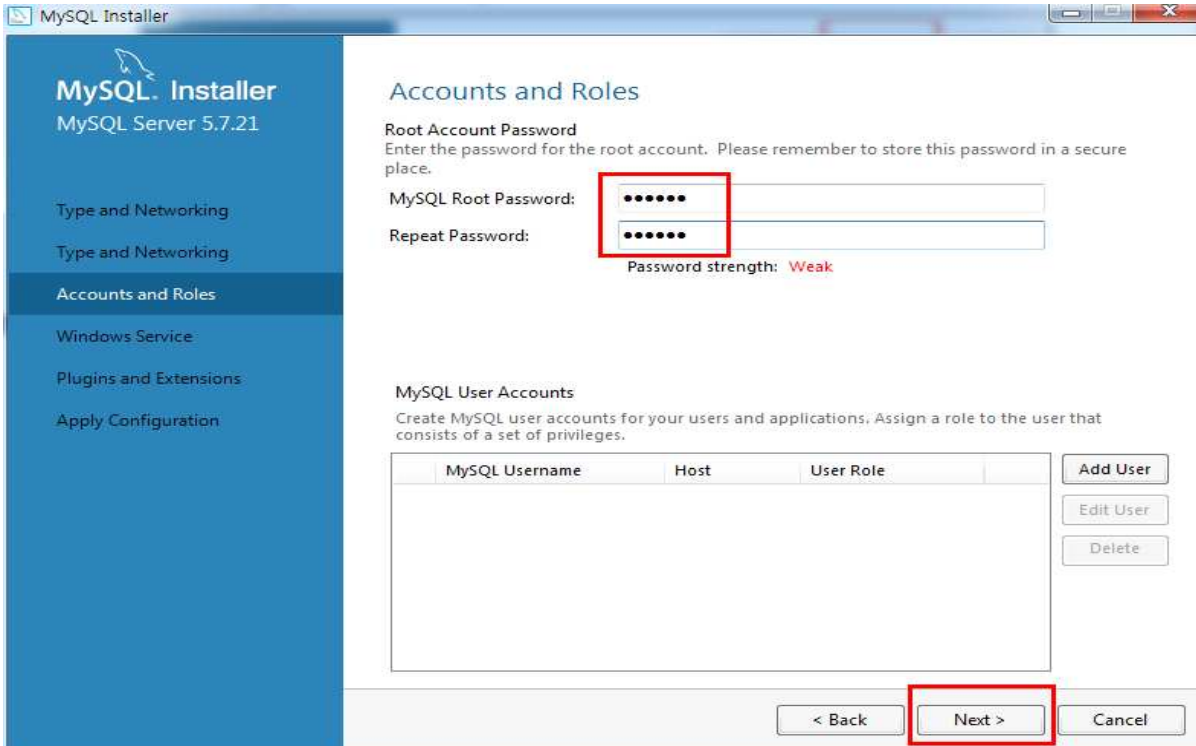
☐ Show Advanced and Logging Options

< Back Next > Cancel

## 3. 비밀번호 체계는 Use String password encryption for Authentication 선택



## 4. 관리자 Root 비밀번호 설정 후 Next (공용환경에서는 mysql로 지정)



The image shows the MySQL Installer window for MySQL Server 5.7.21. The left sidebar contains the following options: Type and Networking, Type and Networking, Accounts and Roles (selected), Windows Service, Plugins and Extensions, and Apply Configuration. The main area is titled "Accounts and Roles" and contains the following sections:

**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**

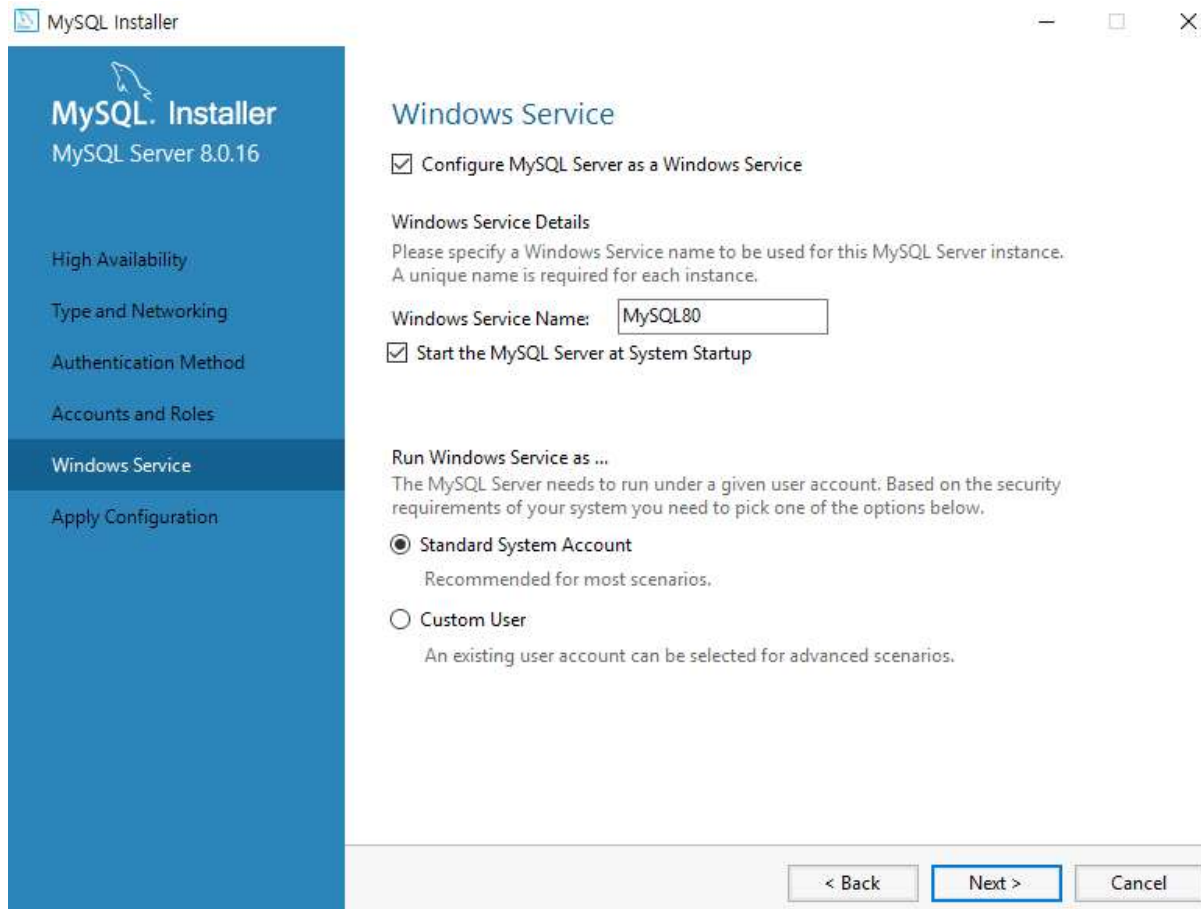
**MySQL User Accounts**  
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL Username	Host	User Role
----------------	------	-----------

Buttons: Add User, Edit User, Delete

Navigation buttons: < Back, **Next >**, Cancel

## 5. Service Name 지정 후 Next 클릭(디폴트로 뒤도 된다)



MySQL Installer  
MySQL Server 8.0.16

High Availability  
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:

☒ 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.

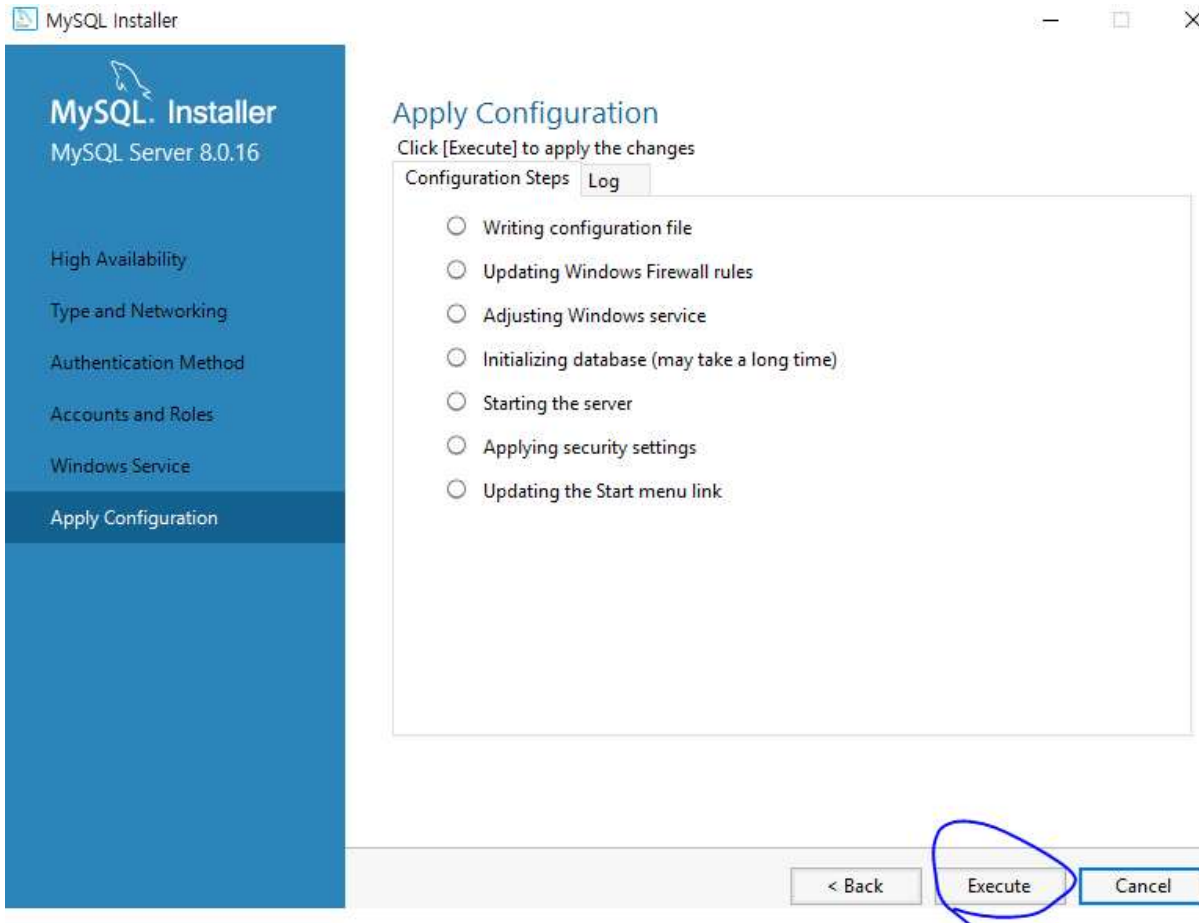
☒ **Standard System Account**  
Recommended for most scenarios.

☐ Custom User  
An existing user account can be selected for advanced scenarios.

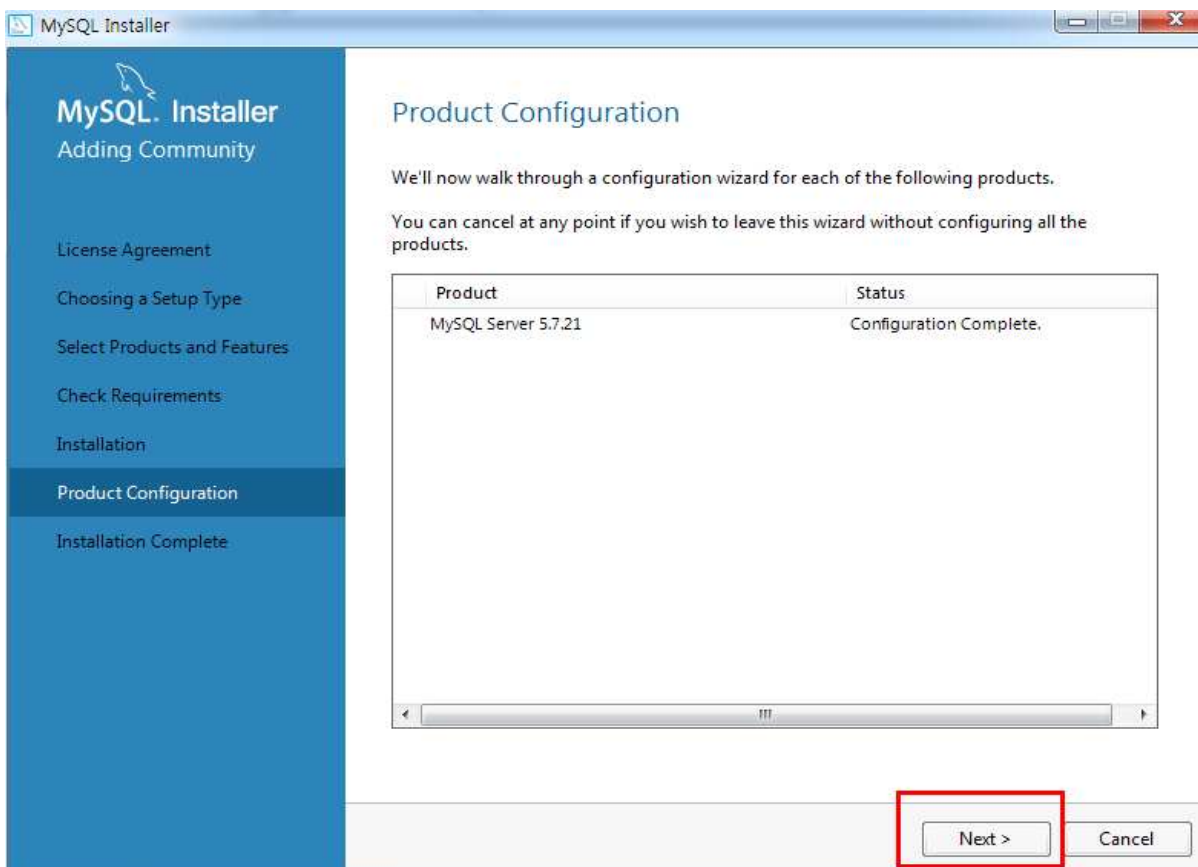
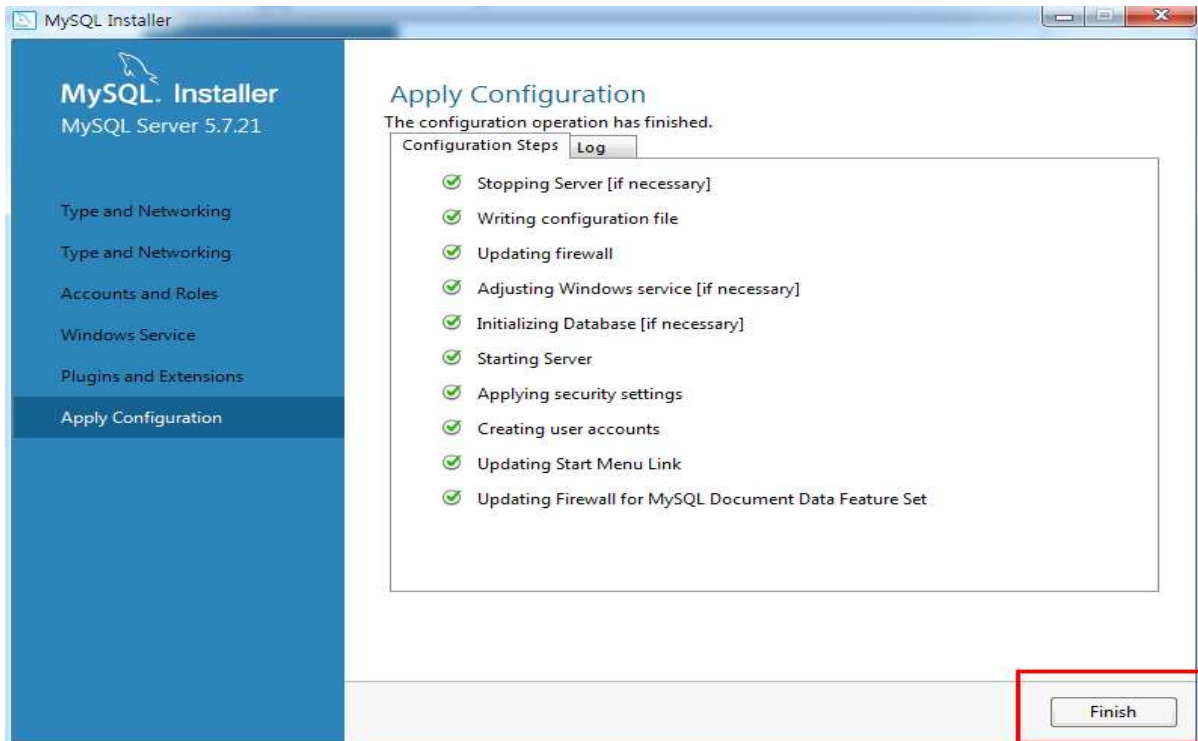
< Back   **Next >**   Cancel



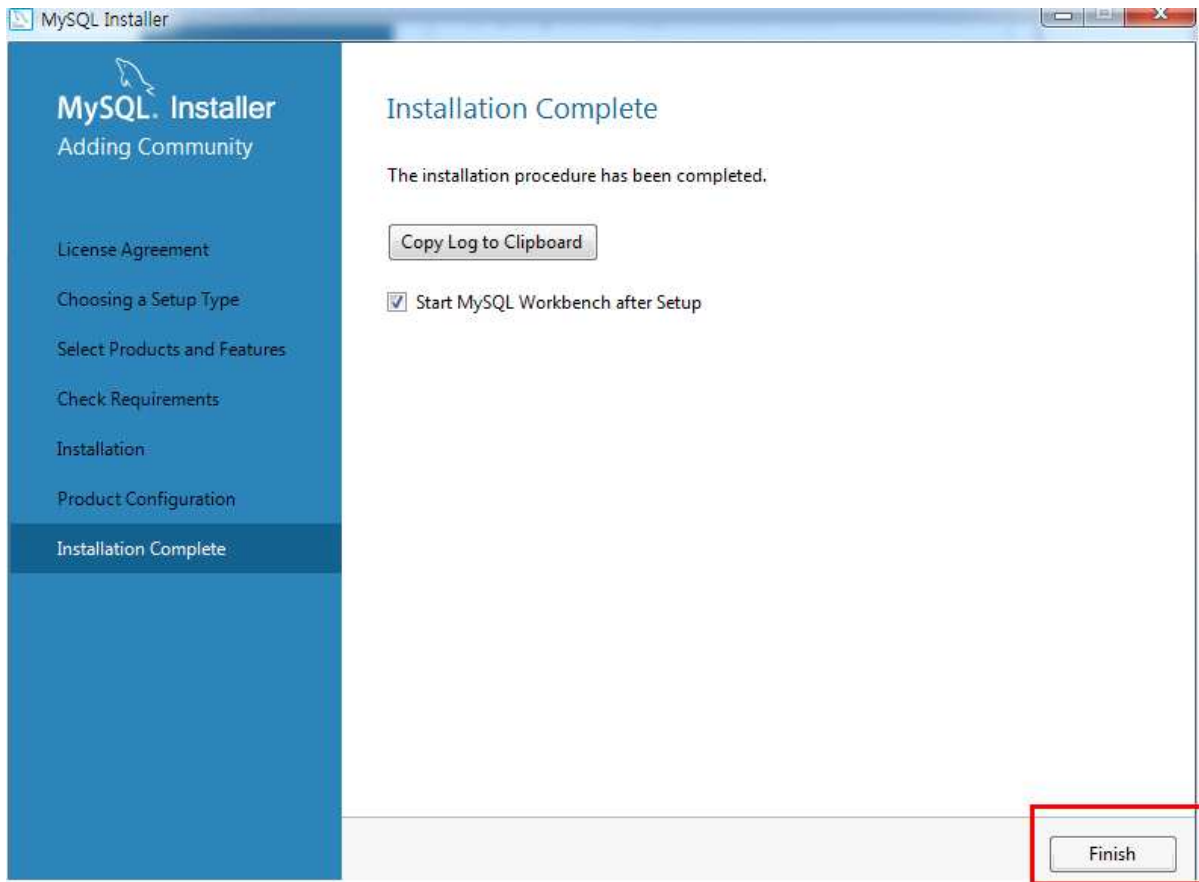
## 6. Next, Execute 클릭



## 7. Finish, Next 클릭

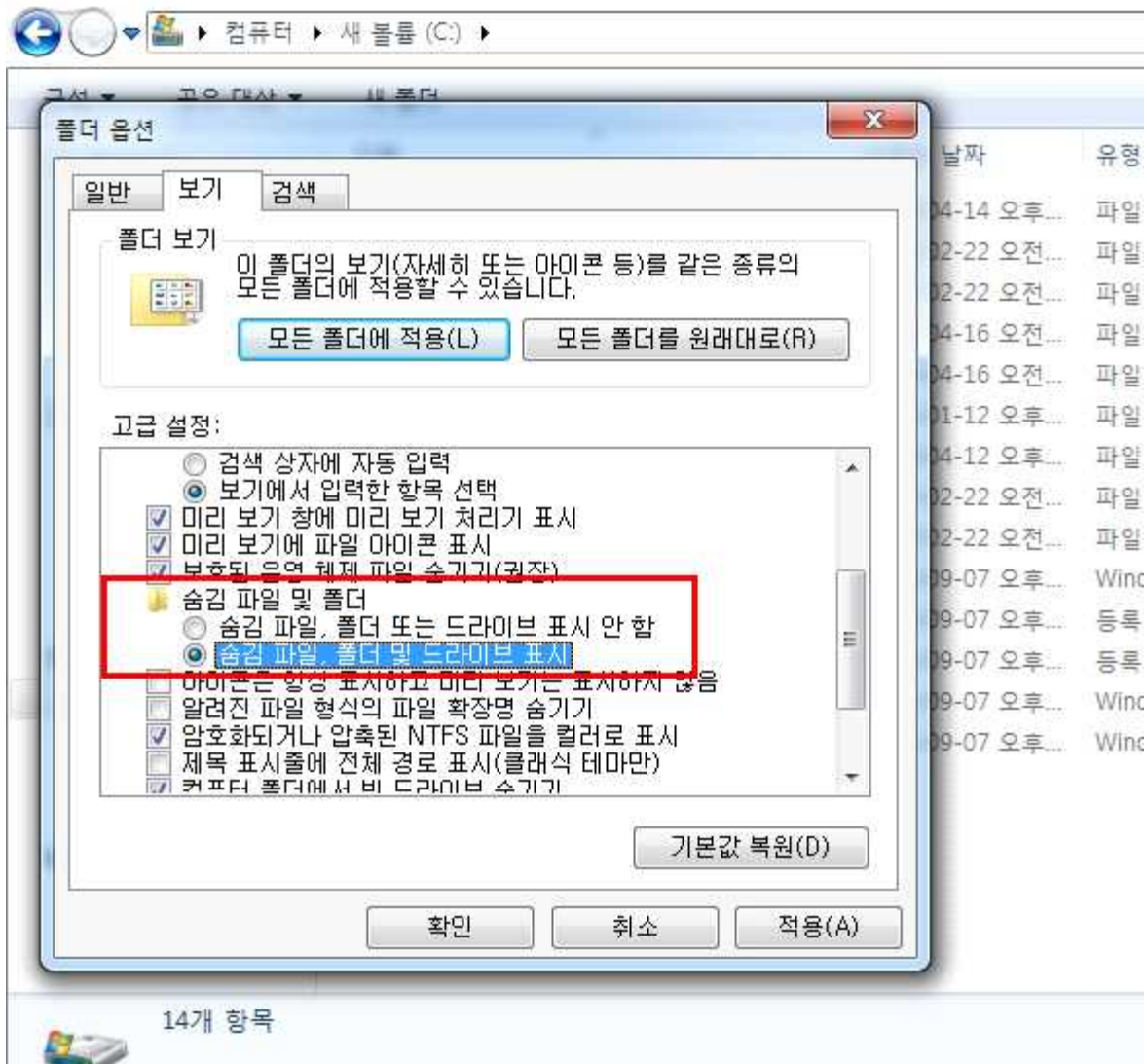


## 8. 설정 완료.

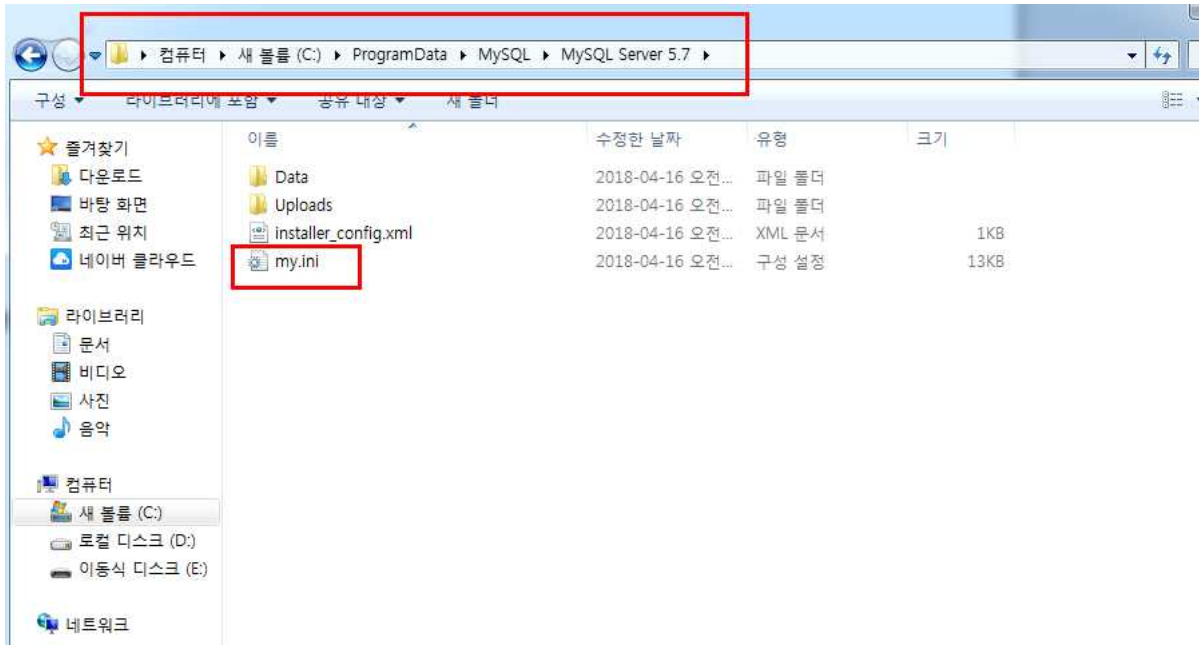


\* MySQL 한글 인코딩 설정(8버전에선 생략해도 됩니다)

1. 내 컴퓨터 -> C드라이브 클릭 -> 폴더옵션에서 숨김 폴더 표시 체크



## 2. 숨겨진 폴더 ProgramData -> MySQL -> MySQL Server 5.7 폴더 연 뒤 my.ini 파일 수정



## 3. my.ini 파일 안에 다음 문장 추가

[client]

default-character-set=utf8

[mysqld]

character-set-server=utf8

collation-server=utf8\_general\_ci

init\_connect=SET collation\_connection=utf8\_general\_ci

init\_connect=SET NAMES utf8

[mysql]

default-character-set=utf8

## 4. 설정이 완료된 모습

#

[client]  
default-character-set=utf8

# pipe

# socket=0,0

port=3306

[mysql]

no-beep

default-character-set=utf8

# SERVER SECTION

#

#

# The following options will be read by the MySQL Server. Make sure that  
# you have installed the server correctly (see above) so it reads this  
# file,

#

# server\_type=3

[mysqld]

character-set-server=utf8

collation-server=utf8\_general\_ci

init\_connect=SET collation\_connection=utf8\_general\_ci

init\_connect=SET NAMES utf8

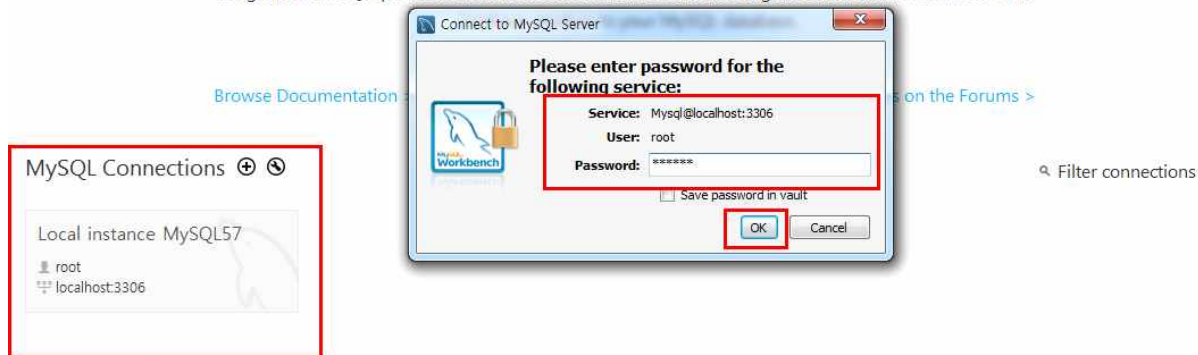
# The next three options are mutually exclusive to SERVER\_PORT below,

# skip-networking

## 5. MySQL Workbench 실행 후 한글 인코딩 확인, 이미 워크벤치가 실행중이라면 재실행한다.

## 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



## 6. System Variable 탭 아래 'char' 입력 후 한글 인코딩 확인.

