

2강

MySQL 설치

ver.8.0.44





➤ MySQL 설치 사이트

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

The screenshot shows the MySQL website homepage. At the top, there's a navigation bar with the MySQL logo, the tagline "The world's most popular open source database", and links for "Contact MySQL", "Login", and "Register". Below the navigation bar, there's a main banner for "MySQL HeatWave" with the subtitle "One MySQL Database service for OLTP, OLAP, and ML—without ETL". The banner includes a section for "Unmatched price performance" with bullet points: "6.5X faster than Redshift at half the cost", "7X faster than Snowflake at 20% the cost", and "1,400X faster than Aurora at half the cost". It also mentions "Available on OCI, AWS, and Azure". To the right of the banner, there's a section for "MySQL HeatWave developer resources" with links to "Build applications for popular use cases with step-by-step instructions and code samples" and "Download the new MySQL Shell for VS Code and MySQL Workbench". Below the banner, there are two columns of content. The left column has a "MySQL Newsletter" section with "Subscribe" and "Archive" links, a "Free Webinars" section with a list of webinars, and a "Contact Sales" section with phone numbers for various countries. The right column has a "MySQL Enterprise Edition" section with "Learn More", "Customer Download", and "Trial Download" links, a "MySQL Cluster CGE" section with "Learn More", "Customer Download", and "Trial Download" links, and a "MySQL Community (GPL) Downloads" link which is highlighted with a red box and an arrow pointing to the Korean word "클릭" (Click).

MySQL HeatWave

One MySQL Database service for OLTP, OLAP, and ML—without ETL

Unmatched price performance

- 6.5X faster than Redshift at half the cost
- 7X faster than Snowflake at 20% the cost
- 1,400X faster than Aurora at half the cost

Available on OCI, AWS, and Azure

MySQL HeatWave developer resources

Build applications for popular use cases with step-by-step instructions and code samples.

Download the new MySQL Shell for VS Code and MySQL Workbench.

[Try Free](#) [Technical Guides](#)

MySQL Newsletter

[Subscribe »](#)

[Archive »](#)

Free Webinars

MySQL Innovation and Cloud Day
Tuesday, April 04, 2023

Migrate from On-Premises MySQL
database to MySQL HeatWave on
OCI or AWS
Thursday, April 06, 2023

MySQL HeatWave - Replication: A
Technical 'Run Through' in the
Cloud
Thursday, April 13, 2023

[More »](#)

Contact Sales

USA: +1-866-221-0634
Canada: +1-866-221-0634

Germany: +49 89 143 01280
France: +33 1 57 00 83 57
Italy: +39 02 249 59 120
UK: +44 207 253 8447

Japan: 0120-085556
China: 400 609 0501
India: 000800 1005870

[More Countries »](#)

[Contact Us Online »](#)

MySQL Enterprise Edition

MySQL Enterprise Edition includes the most comprehensive set of advanced features, management tools and technical support for MySQL.

[Learn More »](#)

[Customer Download »](#)

[Trial Download »](#)

MySQL Cluster CGE

MySQL Cluster is a real-time open source transactional database designed for fast, always-on access to data under high throughput conditions.

- MySQL Cluster
- MySQL Cluster Manager
- Plus, everything in MySQL Enterprise Edition

[Learn More »](#)

[Customer Download » \(Select Patches & Updates Tab, Product Search\)](#)

[Trial Download »](#)

[MySQL Community \(GPL\) Downloads »](#) → **클릭**



MySQL Community Downloads

- MySQL Yum Repository
- MySQL APT Repository
- MySQL SUSE Repository
- MySQL Community Server
- MySQL Cluster
- MySQL Router
- MySQL Shell
- MySQL Operator
- MySQL NDB Operator
- MySQL Workbench
- 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 Installer for Windows

→ 클릭



MySQL Community Downloads

MySQL Installer

General Availability (GA) Releases

Archives



MySQL Installer 8.0.32

Select Operating System:

Microsoft Windows

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer

8.0.32

2.4M

Download

(mysql-installer-web-community-8.0.32.0.msi)

MD5: 0f882590f8338adc614e9dc5cb00ca0b | Signature

Windows (x86, 32-bit), MSI Installer

8.0.32

437.3M

Download

(mysql-installer-community-8.0.32.0.msi)

MD5: a29b5817cba2c7bc0e0b97e897c2591f | Signature



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

클릭



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.



클릭하면 다운로드
실행 됨



mysql-installer-co....msi

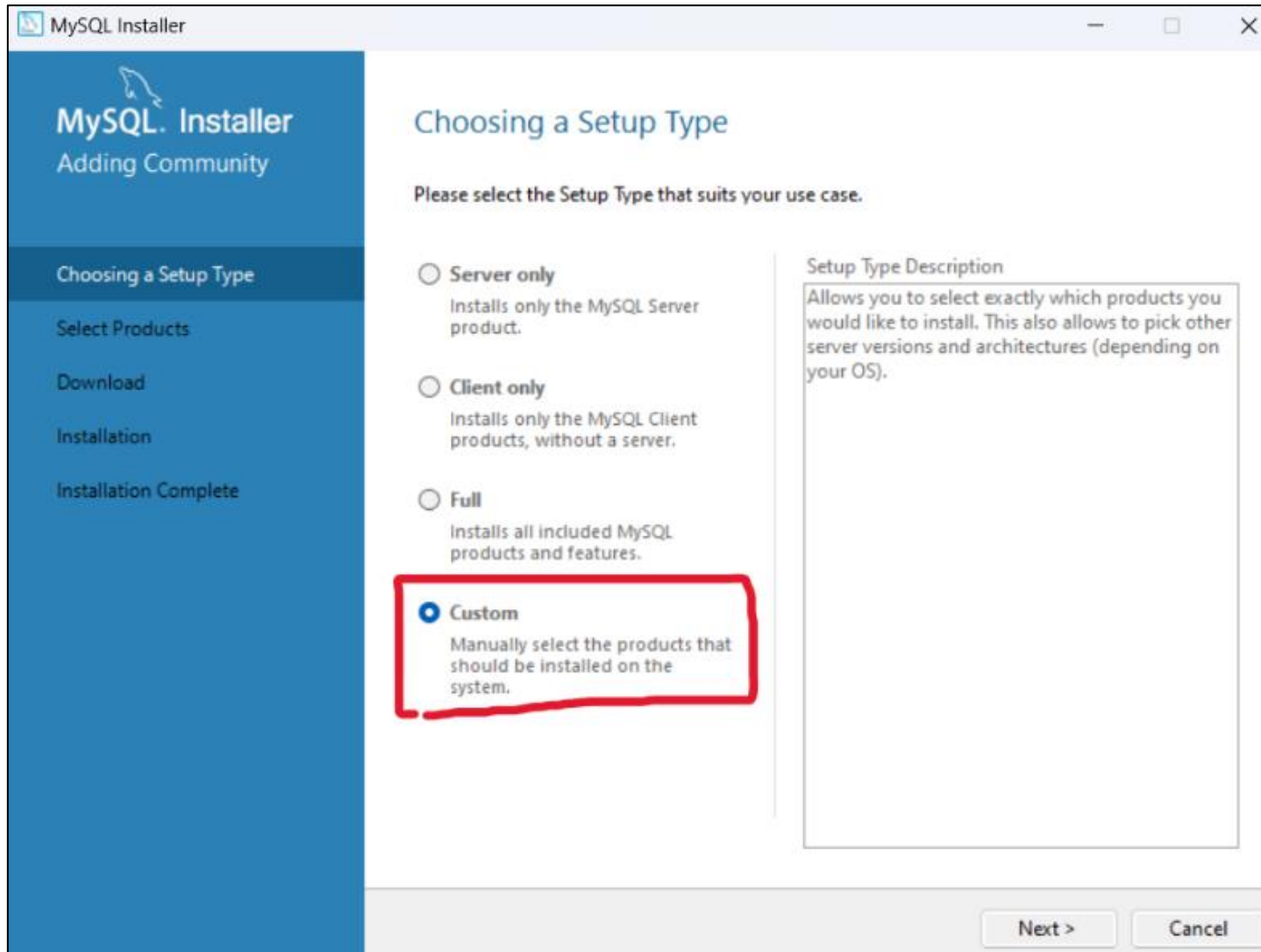
114/437MB, 19초 남음

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Privacy / Do Not Sell My Info | Terms of Use | Trademark Policy | 쿠키 환경설정

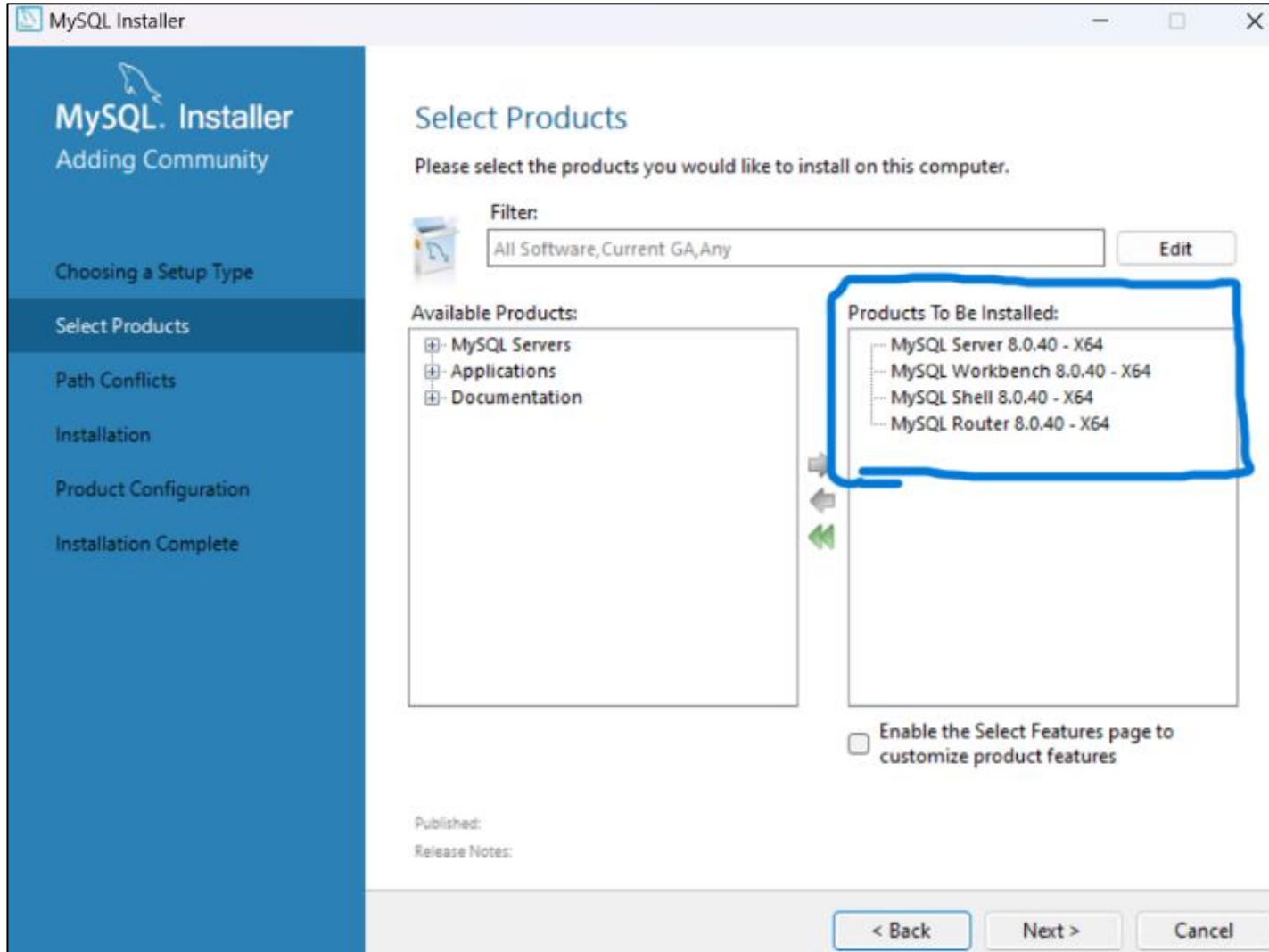


1. MySQL Installer 실행 후 설치 유형 선택 화면에서 Custom 옵션을 선택합니다. 이후 "Next" 버튼을 클릭한다.



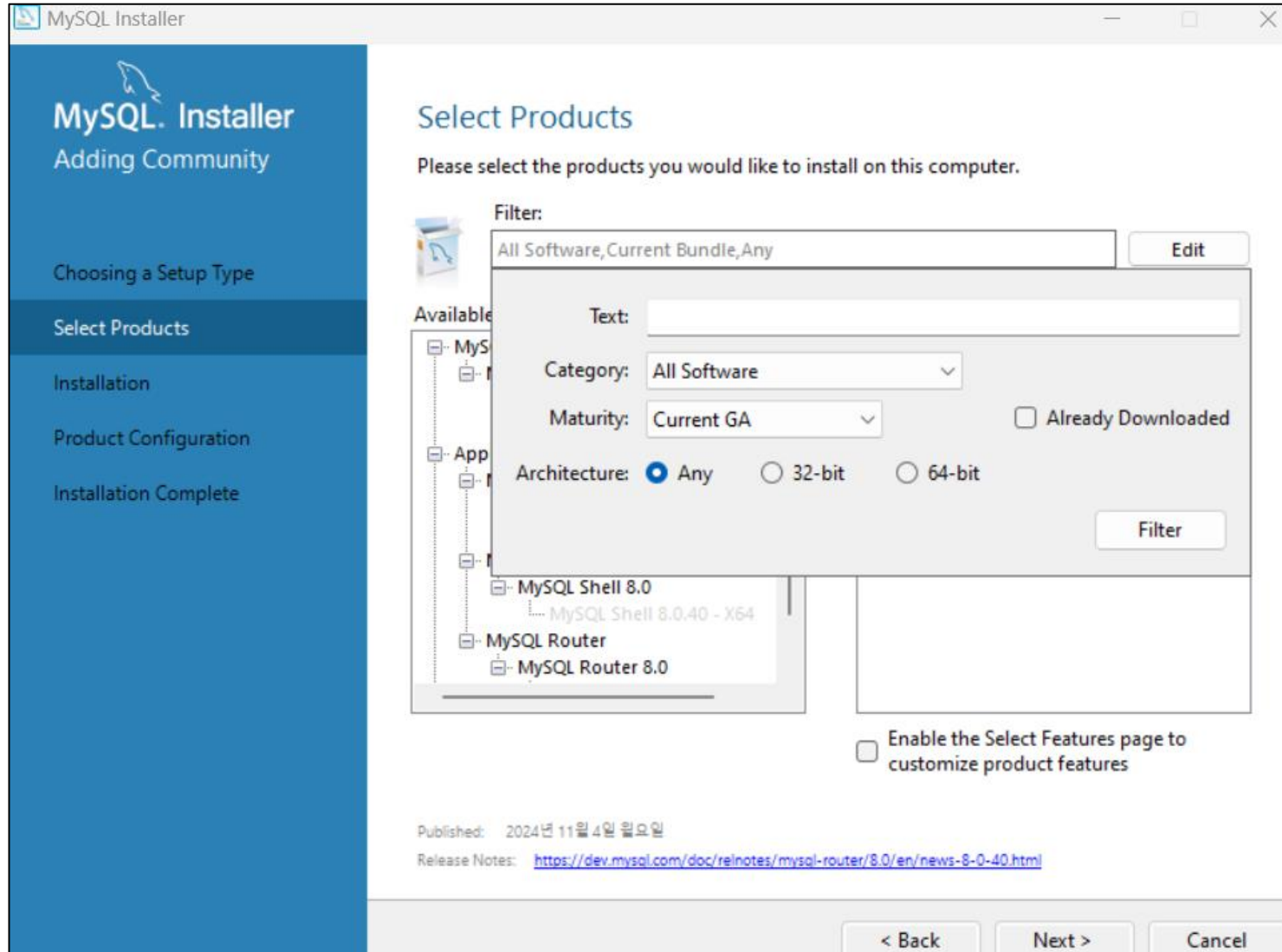


2-1. 이제 설치할 제품 목록이 표시됩니다. 여기서 MySQL Server와 MySQL Workbench, MySQL Shell, MySQL Router와 같은 필요한 구성 요소를 선택한다.



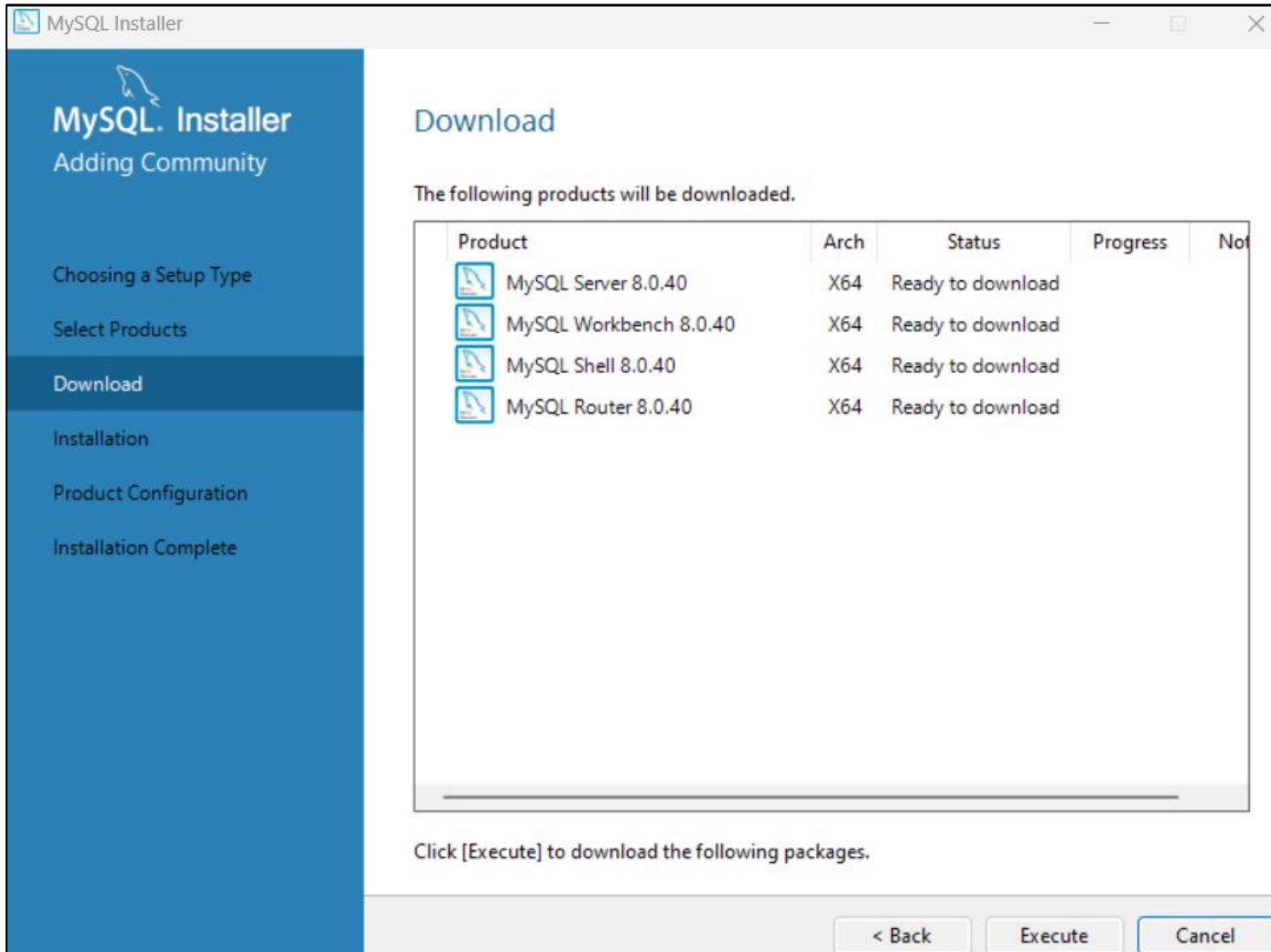


2-2. Filter 을 All Software Curent GA 로 선택한다.



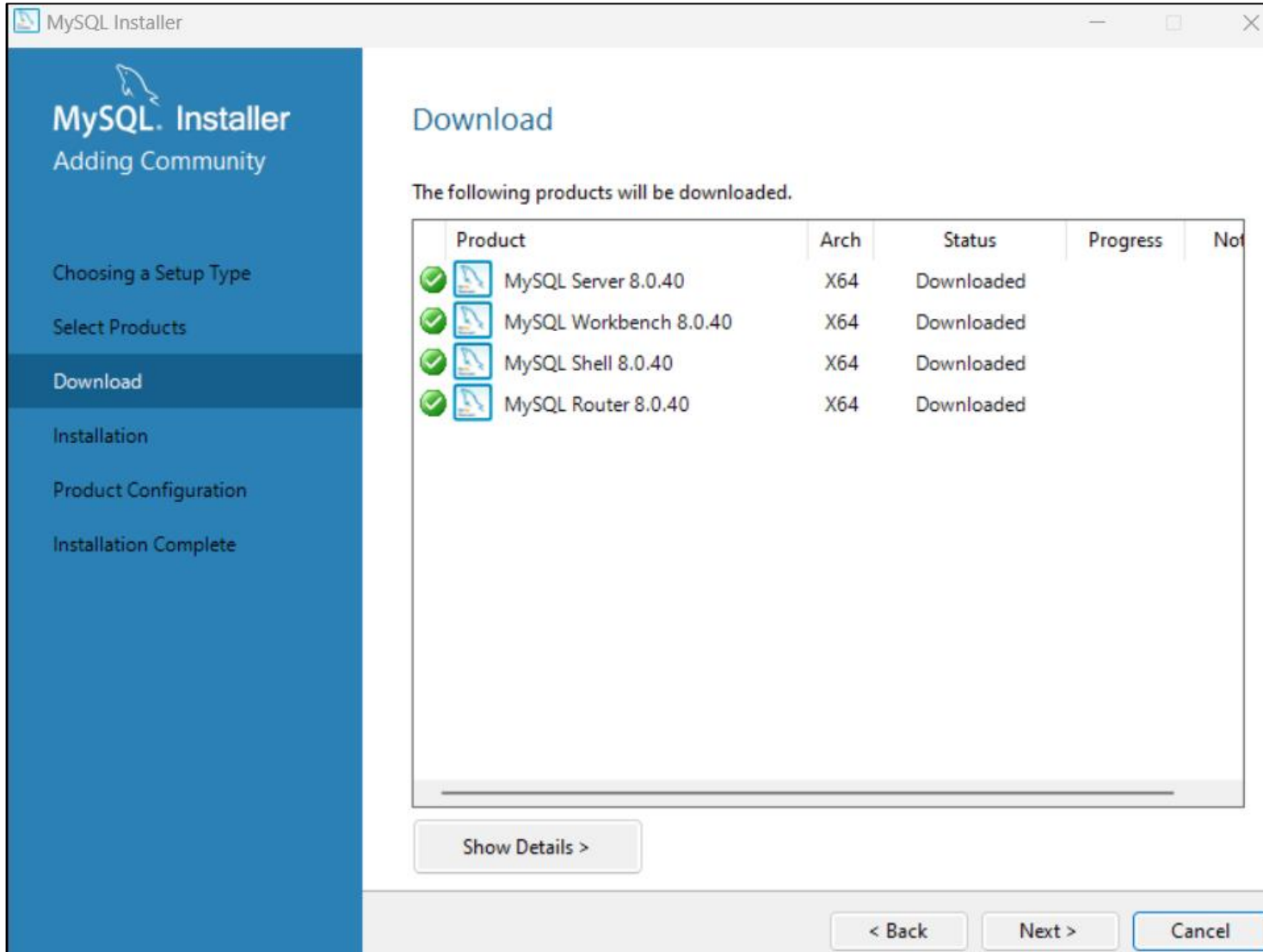


3. 기존의 MySQL 폴더가 존재 하지 않는 경우 아래 화면처럼 출력된다.



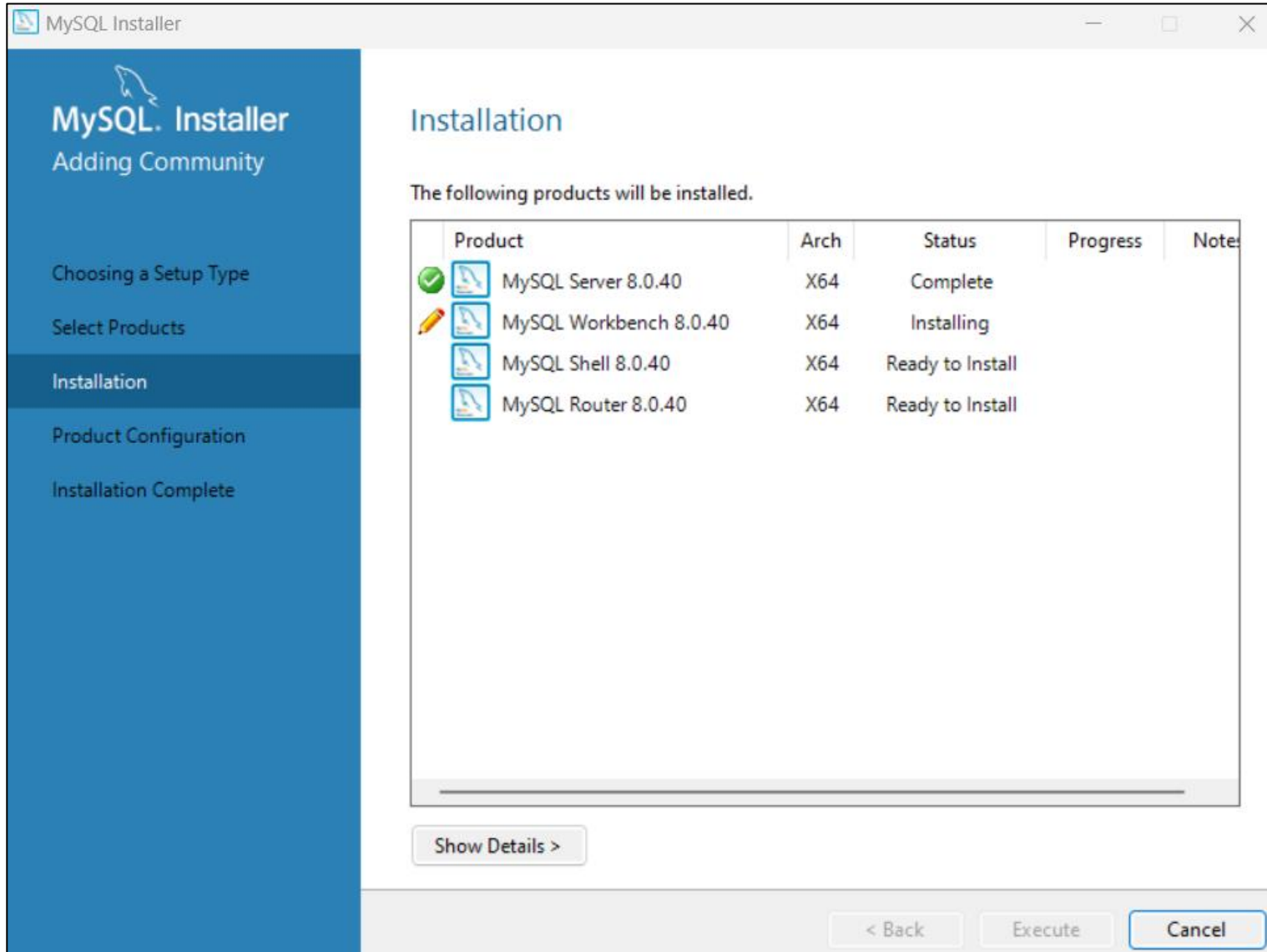


3. 기존의 MySQL 폴더가 존재 하지 않는 경우 아래 화면처럼 출력된다.



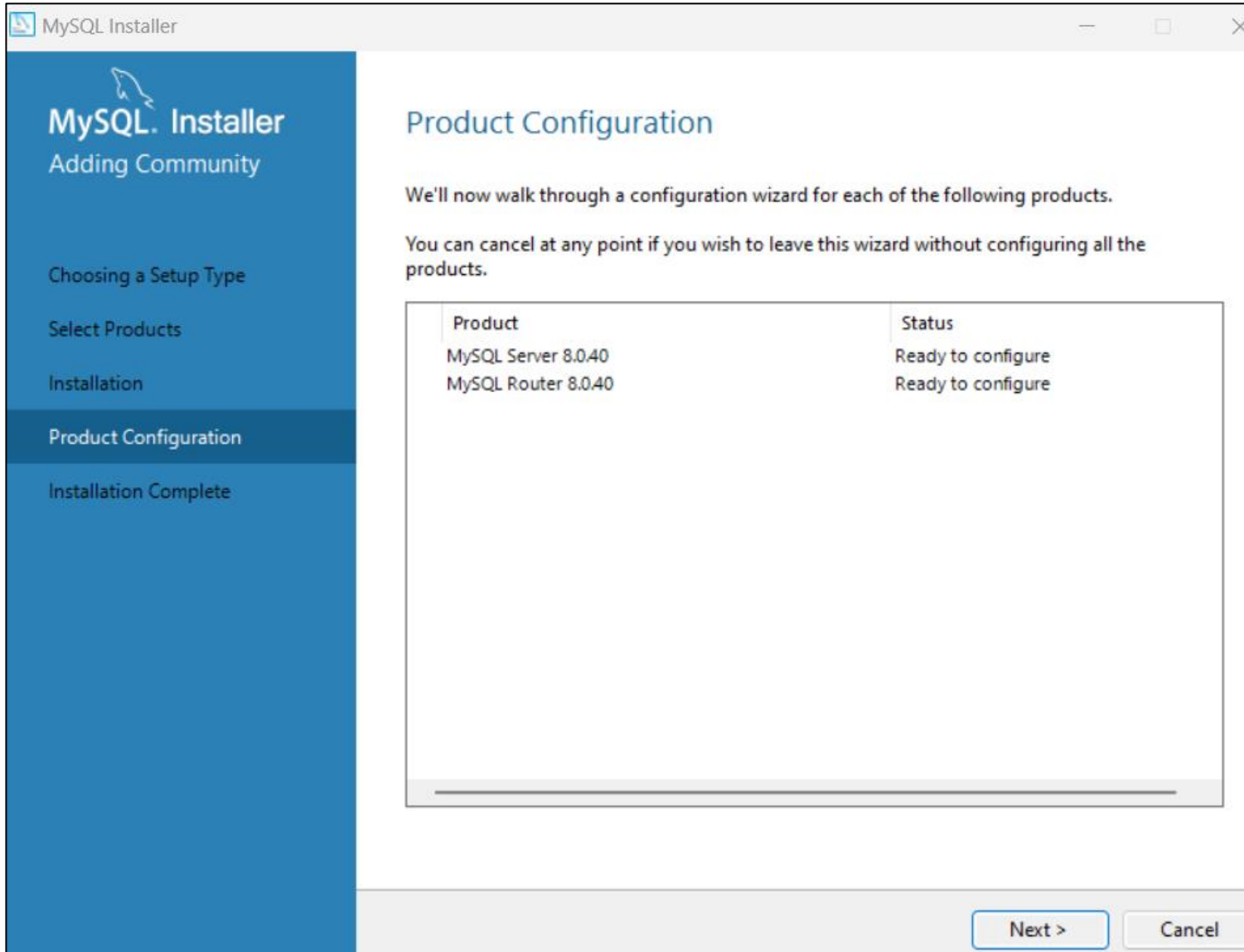


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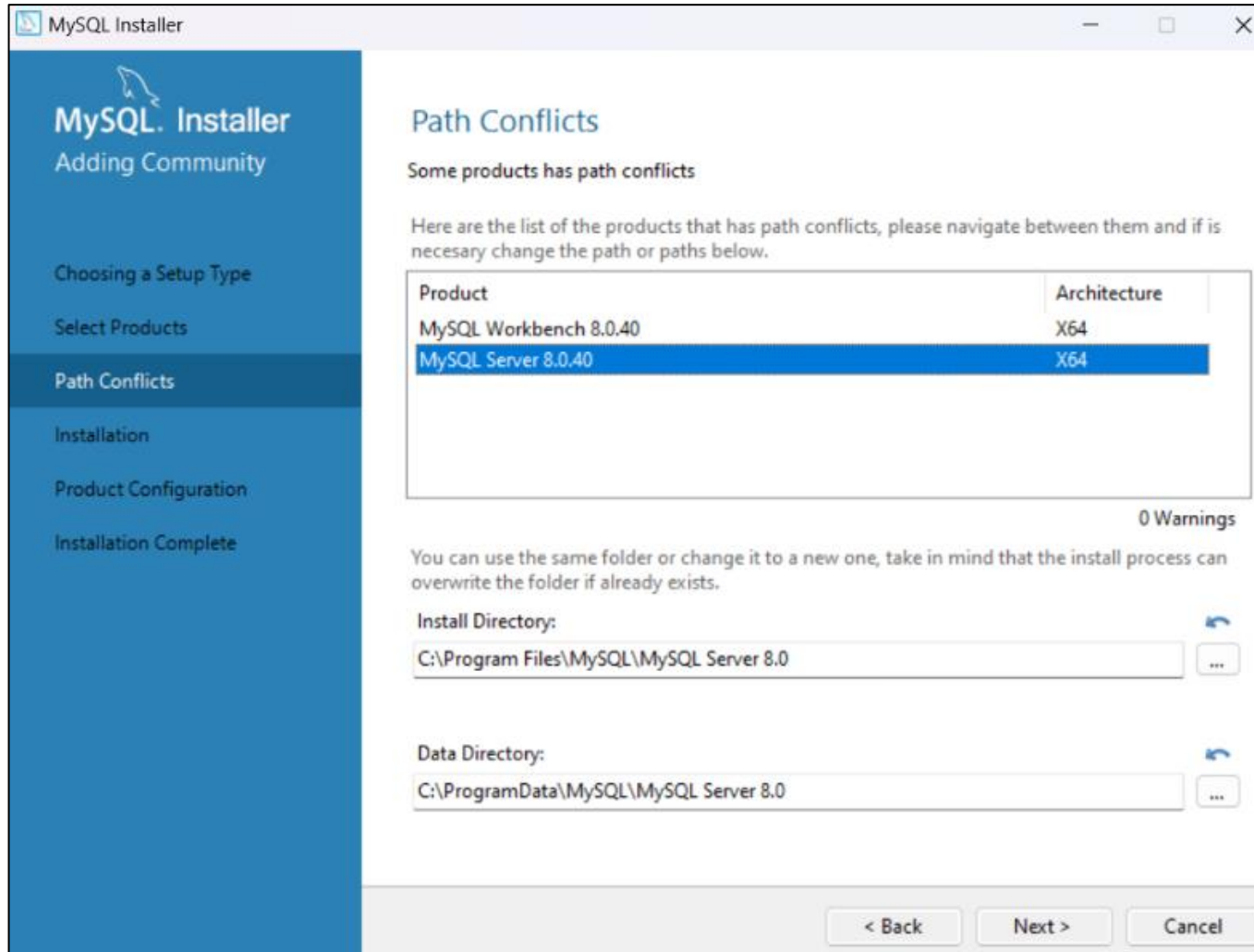


3. 기존의 MySQL 폴더가 존재 하지 않는 경우 아래 화면처럼 출력된다.



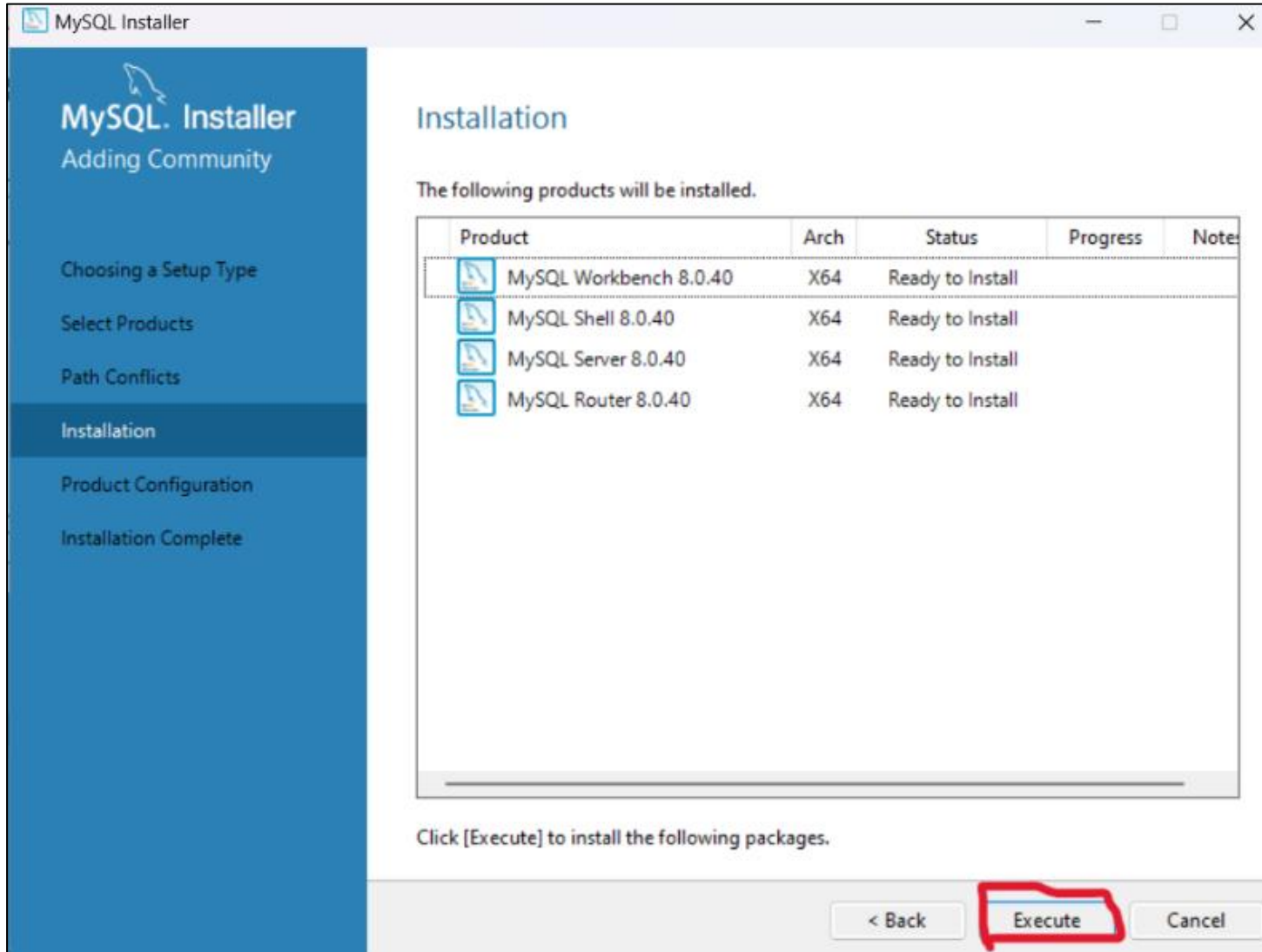


- ※ 기존의 MySQL 폴더가 존재하면 아래처럼 각 항목의 설치 경로와 설정이 화면에 나타난다.
이런 경우 MySQL폴더를 모두 찾아 삭제하고 다시 설치하면 아래 4번과 같은 화면이 출력된다.





4. 모든 제품을 선택하고 설정을 완료했으면, 마지막 단계에서 설치를 진행합니다. Execute 버튼을 클릭하여 선택한 구성 요소를 설치한다.





5. Type and Networking 설정

Config Type : Development Computer

Port : 3306

The image shows the 'MySQL Installer' window for 'MySQL Server 8.0.40'. The left sidebar lists several configuration steps: 'Type and Networking' (selected), 'Authentication Method', 'Accounts and Roles', 'Windows Service', 'Server File Permissions', and 'Apply Configuration'. The main area is titled 'Type and Networking' and contains the following sections:

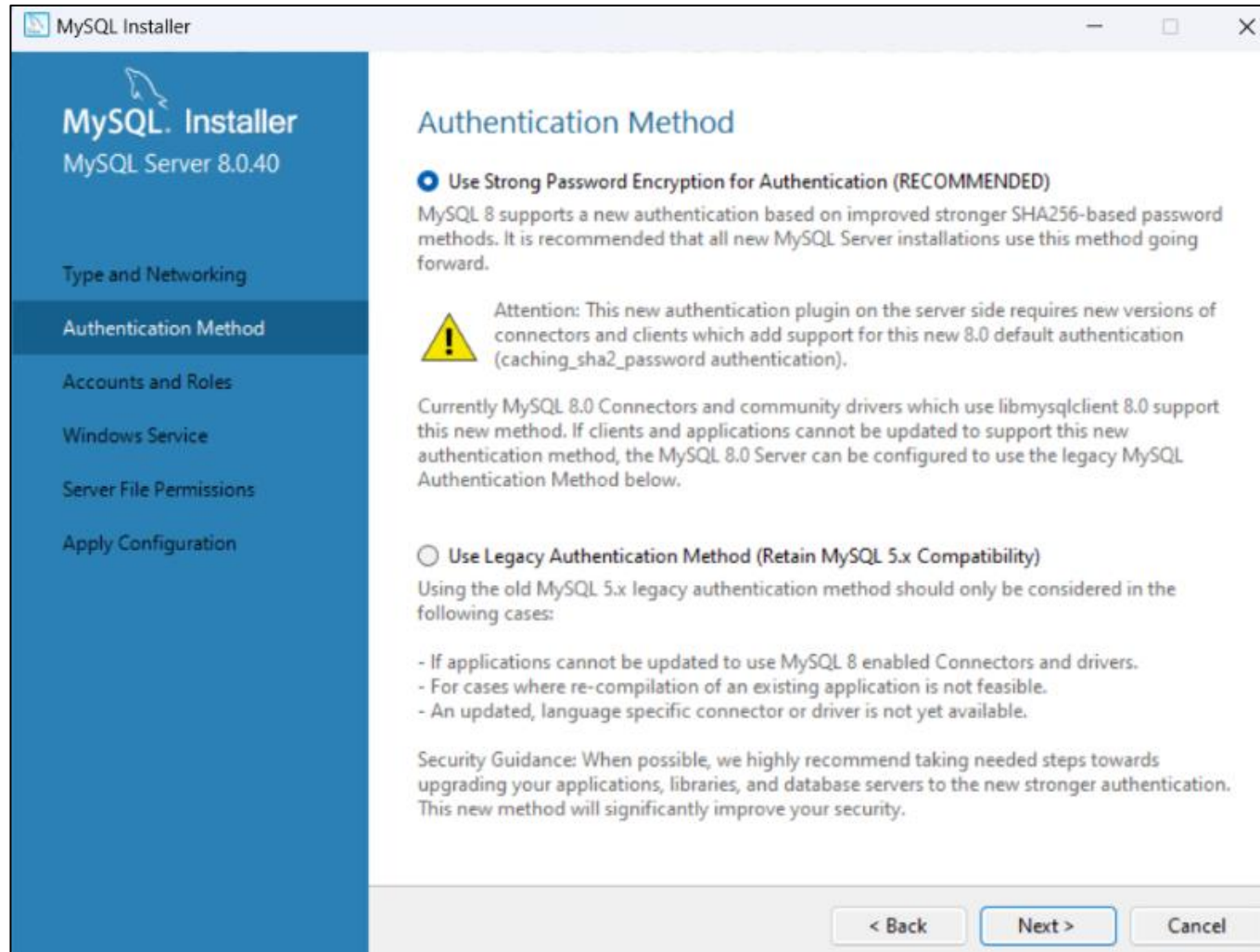
- Server Configuration Type**: A text box labeled 'Config Type:' with a dropdown menu showing 'Development Computer'. A red line is drawn under this dropdown.
- Connectivity**: A text box stating 'Use the following controls to select how you would like to connect to this server.' Below this are three options:
 - ☒ TCP/IP: The 'Port:' field is set to '3306' (underlined in red). The 'X Protocol Port:' field is set to '33060'.
 - ☒ Open Windows Firewall ports for network access
 - ☐ Named Pipe: The 'Pipe Name:' field is set to 'MYSQL'.
 - ☐ Shared Memory: The 'Memory Name:' field is set to 'MYSQL'.
- Advanced Configuration**: A text box stating 'Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.' Below this is a checkbox labeled 'Show Advanced and Logging Options' which is currently unchecked.

At the bottom right of the window, there are two buttons: 'Next >' (which is highlighted with a red rectangle) and 'Cancel'.



6. Authentication Method 설정

Use Strong Password Encryption for Authentication (RECOMMENDED)





7. Accounts and Roles 에서 패스워드 지정!

MySQL Installer

MySQL Server 8.0.32

- Type and Networking
- Authentication Method
- Accounts and Roles**
- Windows Service
- Server File Permissions
- 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.

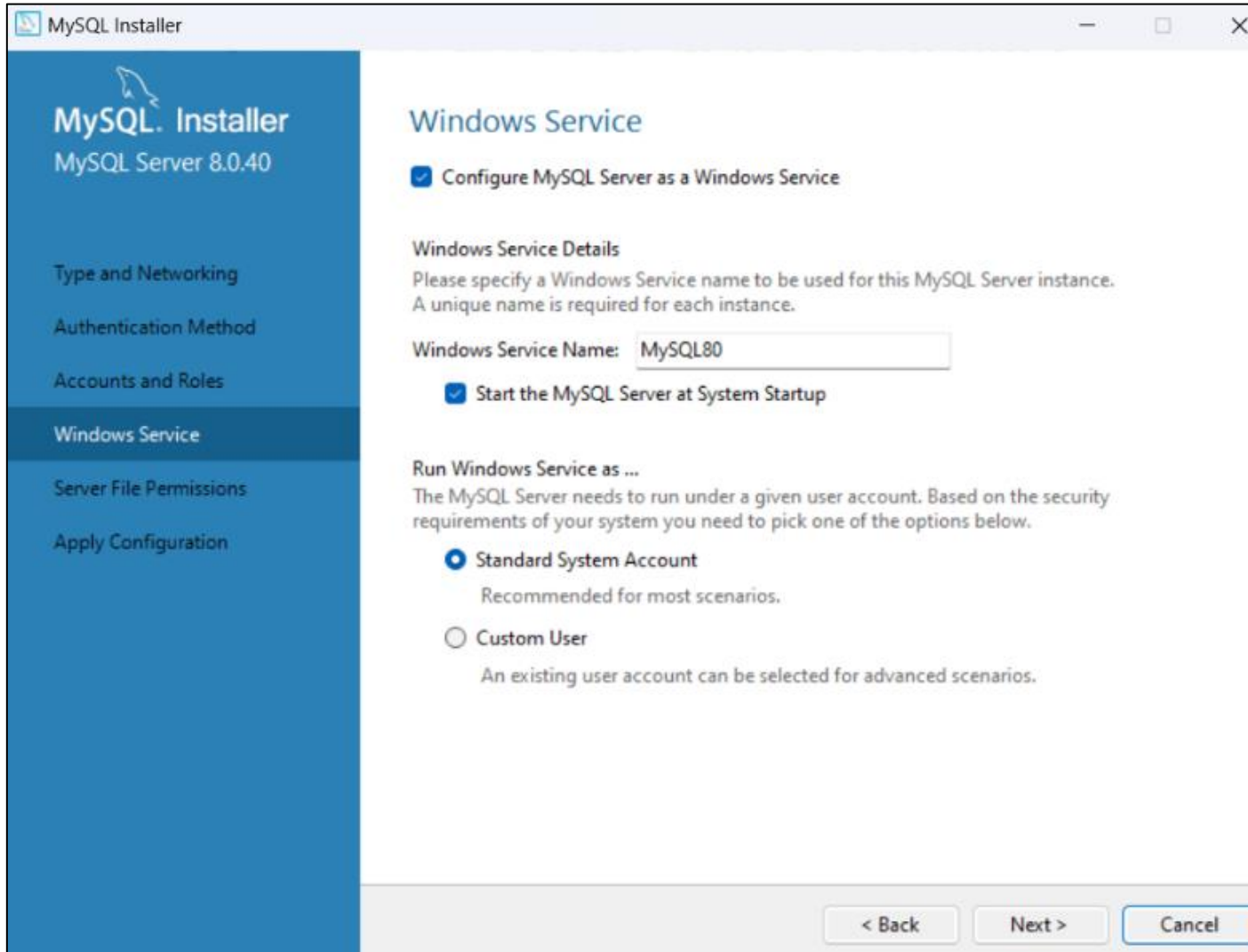
MySQL User Name	Host	User Role
-----------------	------	-----------

< Back Next > Cancel

비밀번호 입력 :
12345678



8. Windows Service 설정



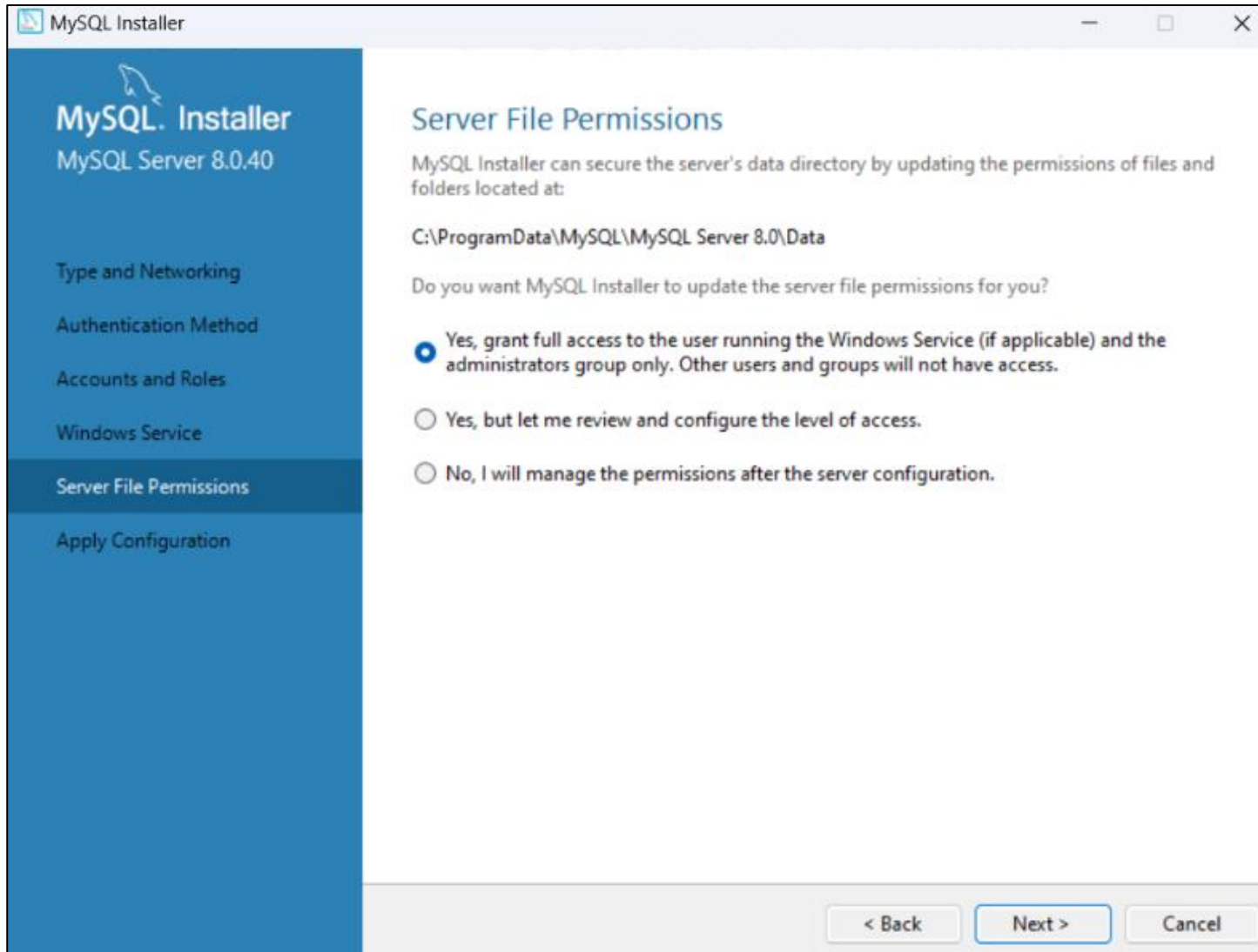
The image shows the 'MySQL Installer' window for 'MySQL Server 8.0.40'. The left sidebar contains a list of configuration steps: 'Type and Networking', 'Authentication Method', 'Accounts and Roles', 'Windows Service' (which is highlighted), 'Server File Permissions', and 'Apply Configuration'. The main 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**
- 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 >', and 'Cancel'.



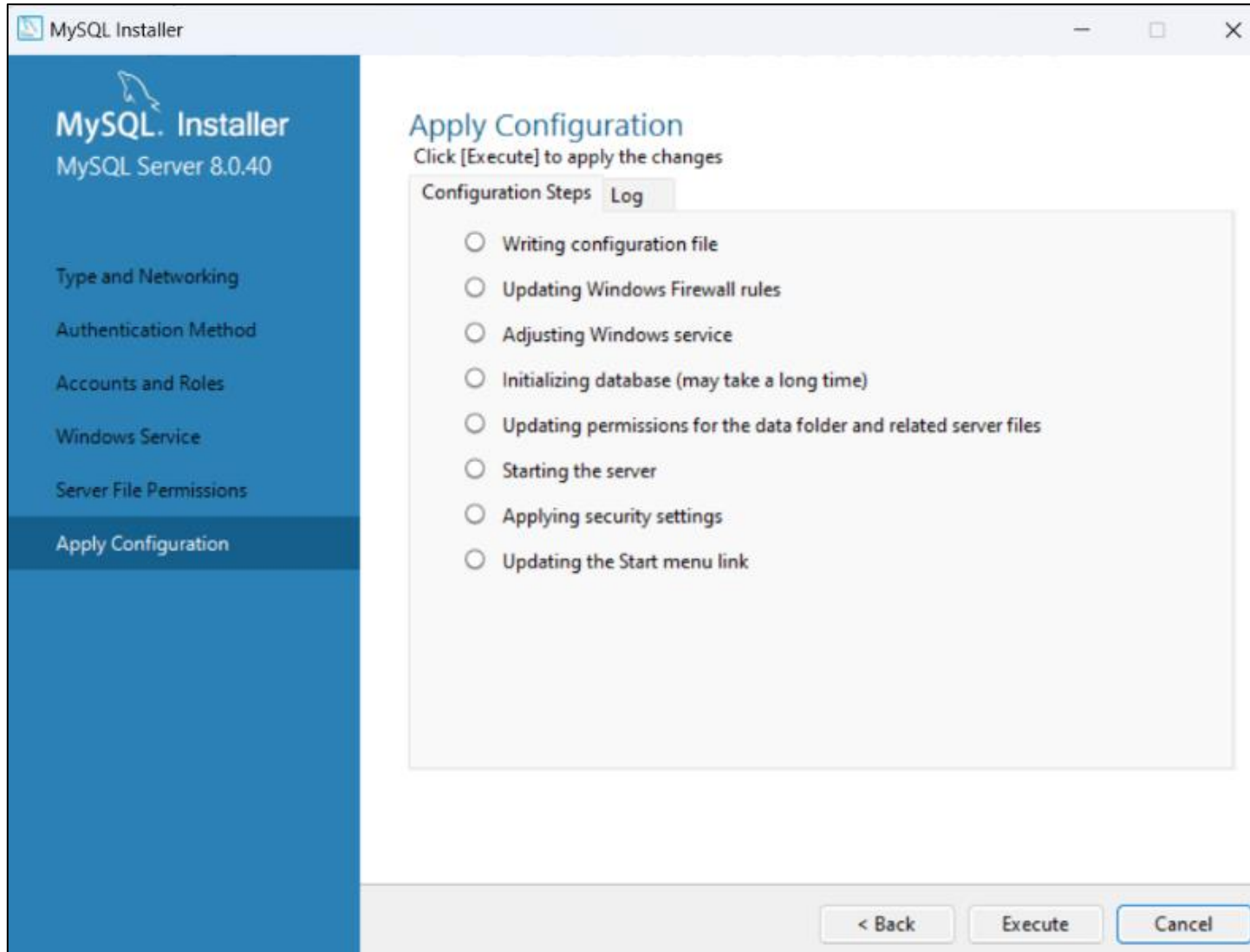
9. Server File Permissions 설정

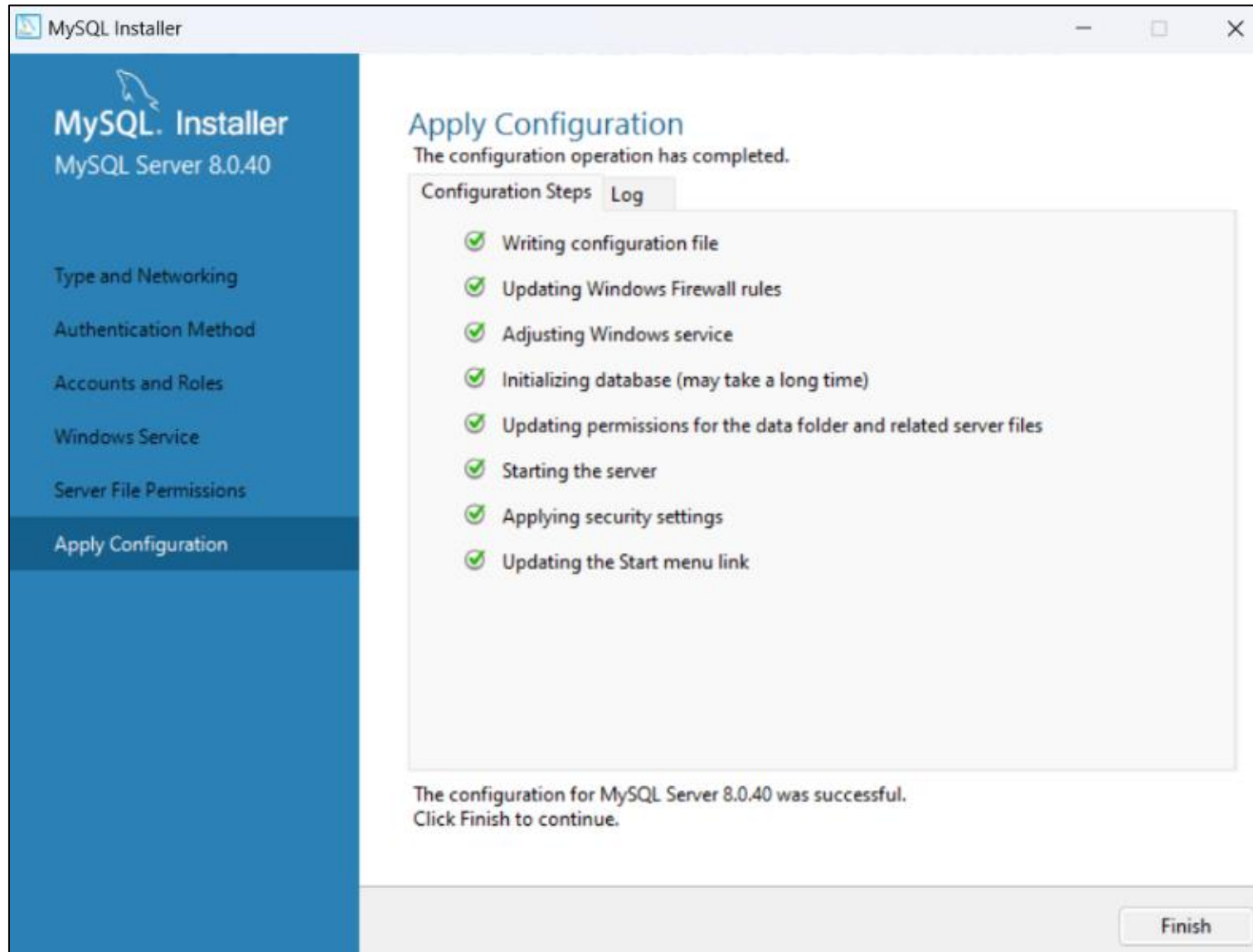




10. Apply Configuration 설정

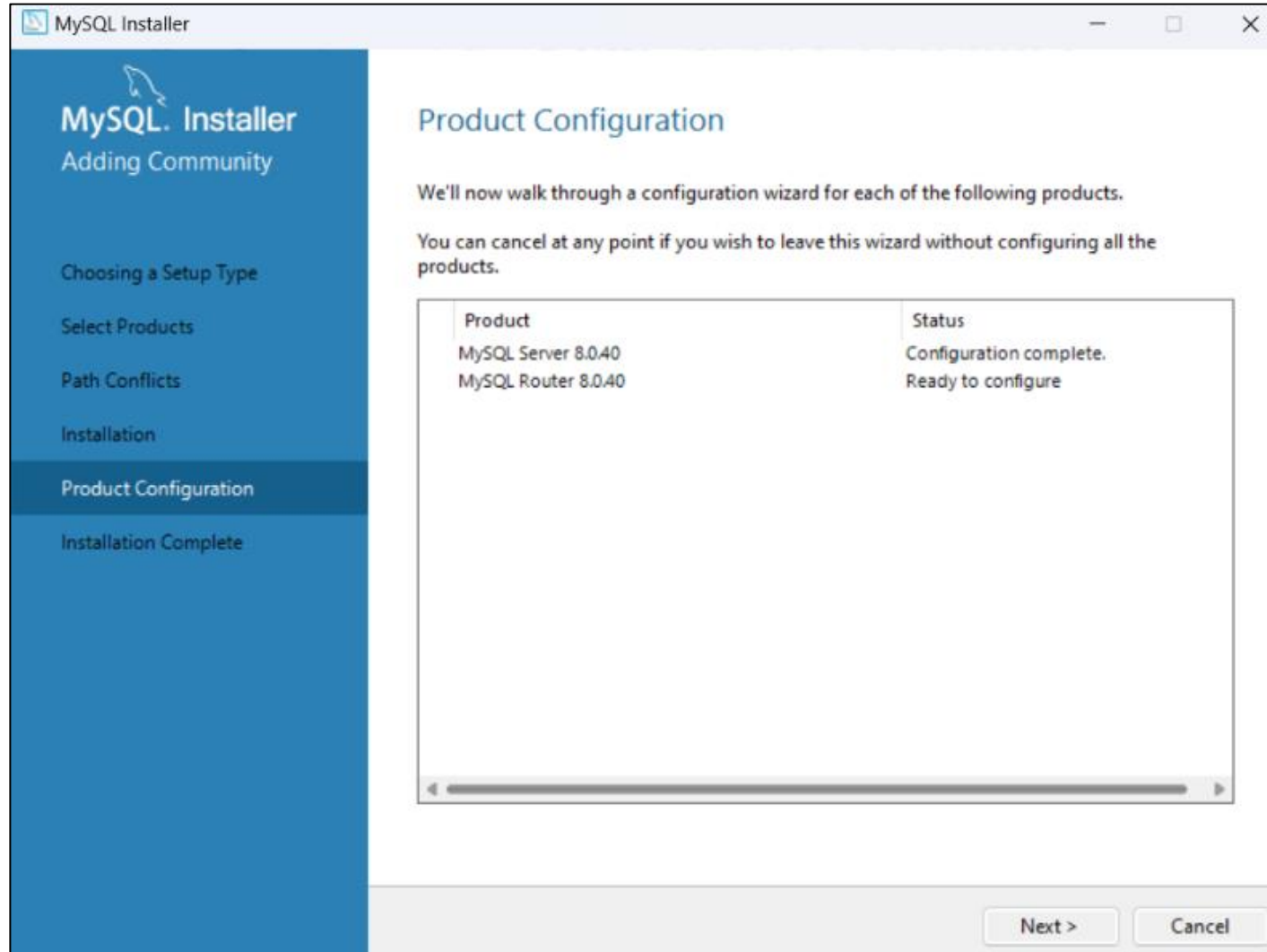
Excute 클릭 -> 모든 설치 완료 후 Finish 클릭







11. Product Configuration Next 클릭





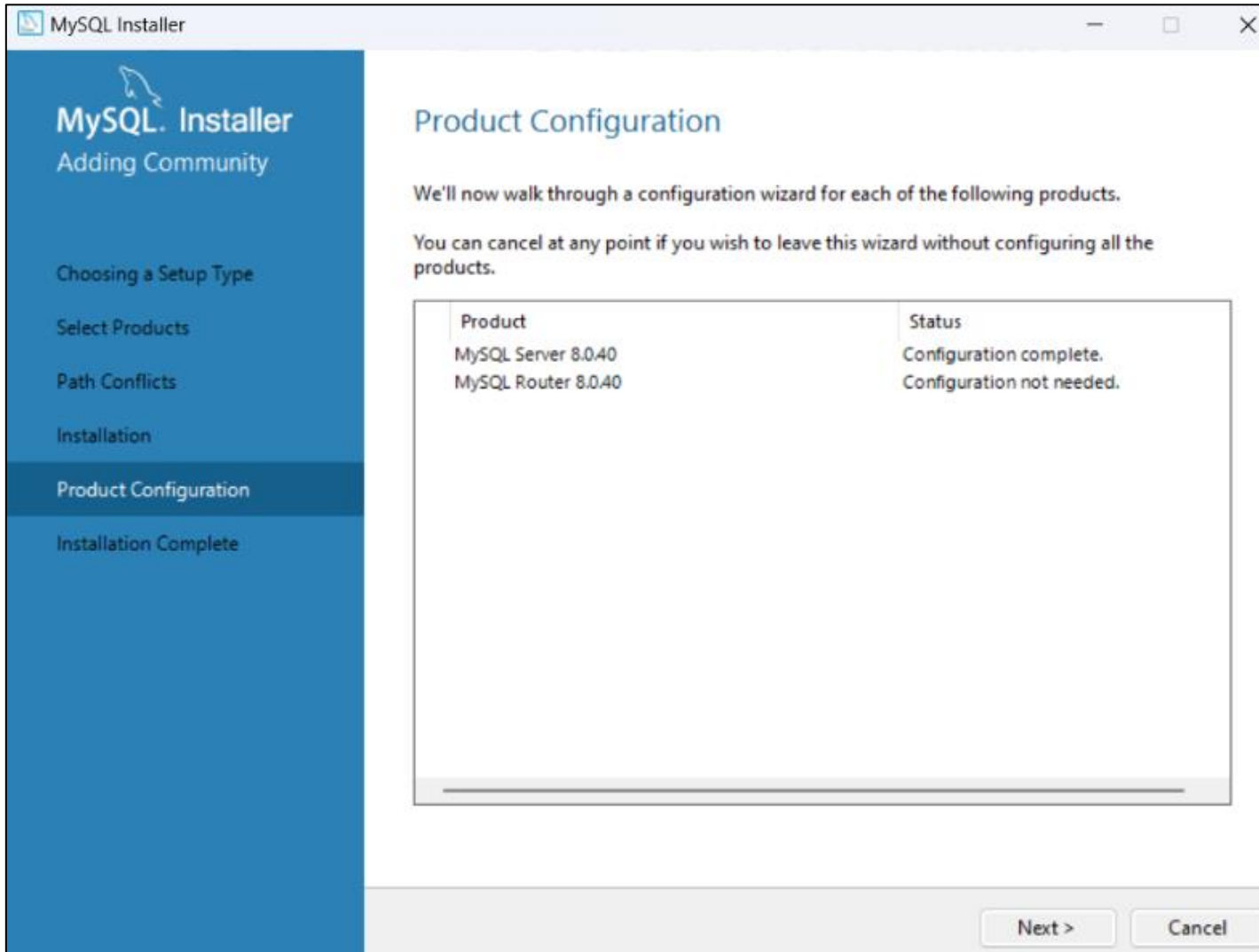
12. MySQL Router Configuration Finish 클릭

The image shows the MySQL Installer window for MySQL Router 8.0.40. The left sidebar has a blue header with the MySQL logo and 'MySQL Router 8.0.40', and a dark blue section labeled 'MySQL Router Configuration'. The main area is titled 'MySQL Router Configuration' and contains the following elements:

- A checkbox labeled 'Bootstrap MySQL Router for use with InnoDB Cluster' which is currently unchecked.
- Text explaining that the wizard can bootstrap MySQL Router to direct traffic between MySQL applications and InnoDB Cluster, and that applications connecting to the router will be automatically directed to an available read/write or read-only member of the cluster.
- Text stating that the bootstrapping process requires a connection to InnoDB Cluster and that the current Read/Write instance of the cluster should be used for monitoring.
- Input fields for 'Hostname:', 'Port: 3306', 'Management User: root', and 'Password:'.
- A 'Test Connection' button.
- Text explaining that MySQL Router requires specification of a base port (between 80 and 65532) and that other ports are computed sequentially after the first port.
- Section 'Classic MySQL protocol connections to InnoDB Cluster:' with input fields for 'Read/Write: 6446' and 'Read Only: 6447'.
- Section 'X Protocol connections to InnoDB Cluster:' with input fields for 'Read/Write: 6448' and 'Read Only: 6449'.
- At the bottom right, 'Finish' and 'Cancel' buttons.

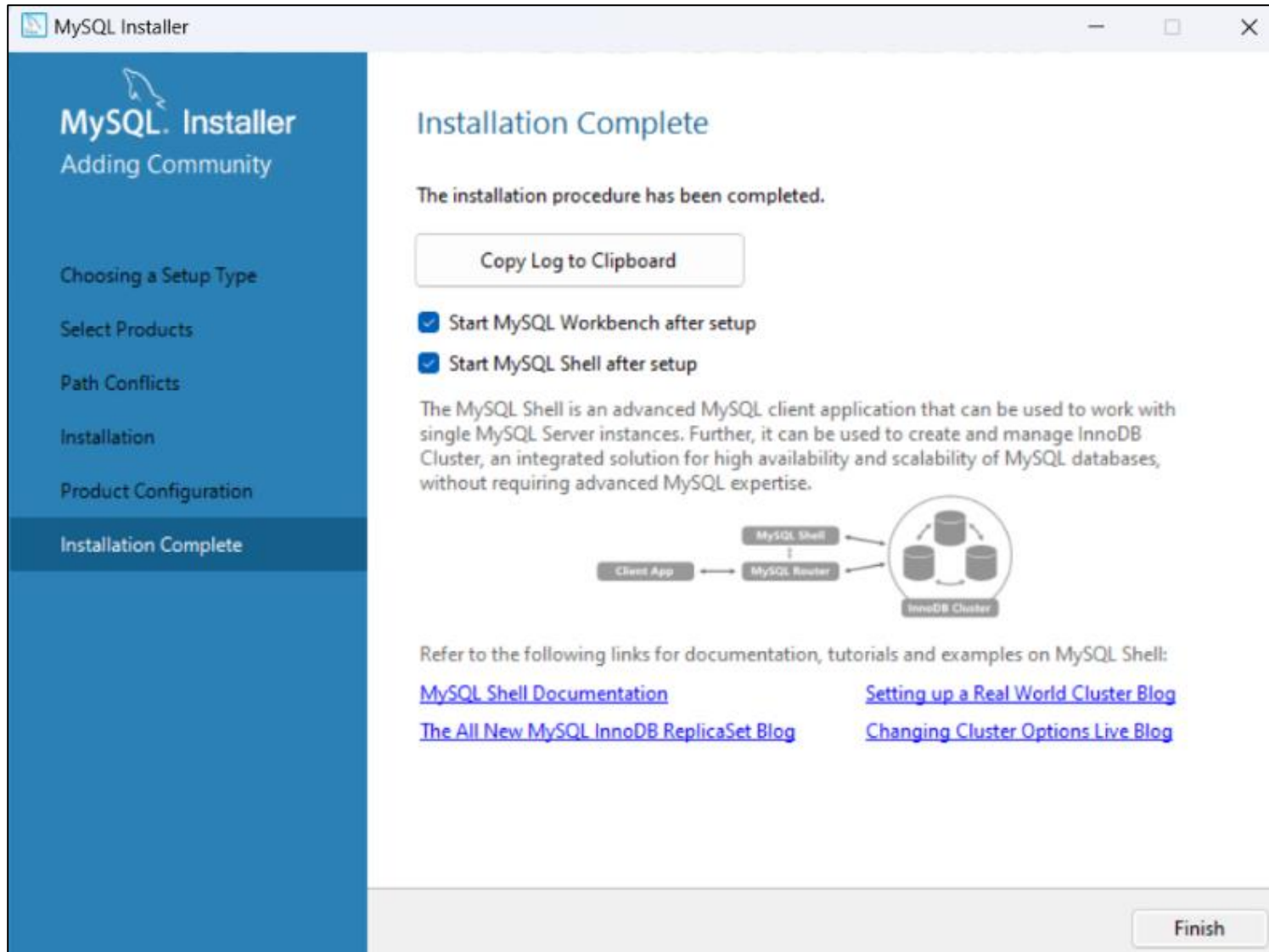


13. Product Configuration Next 클릭





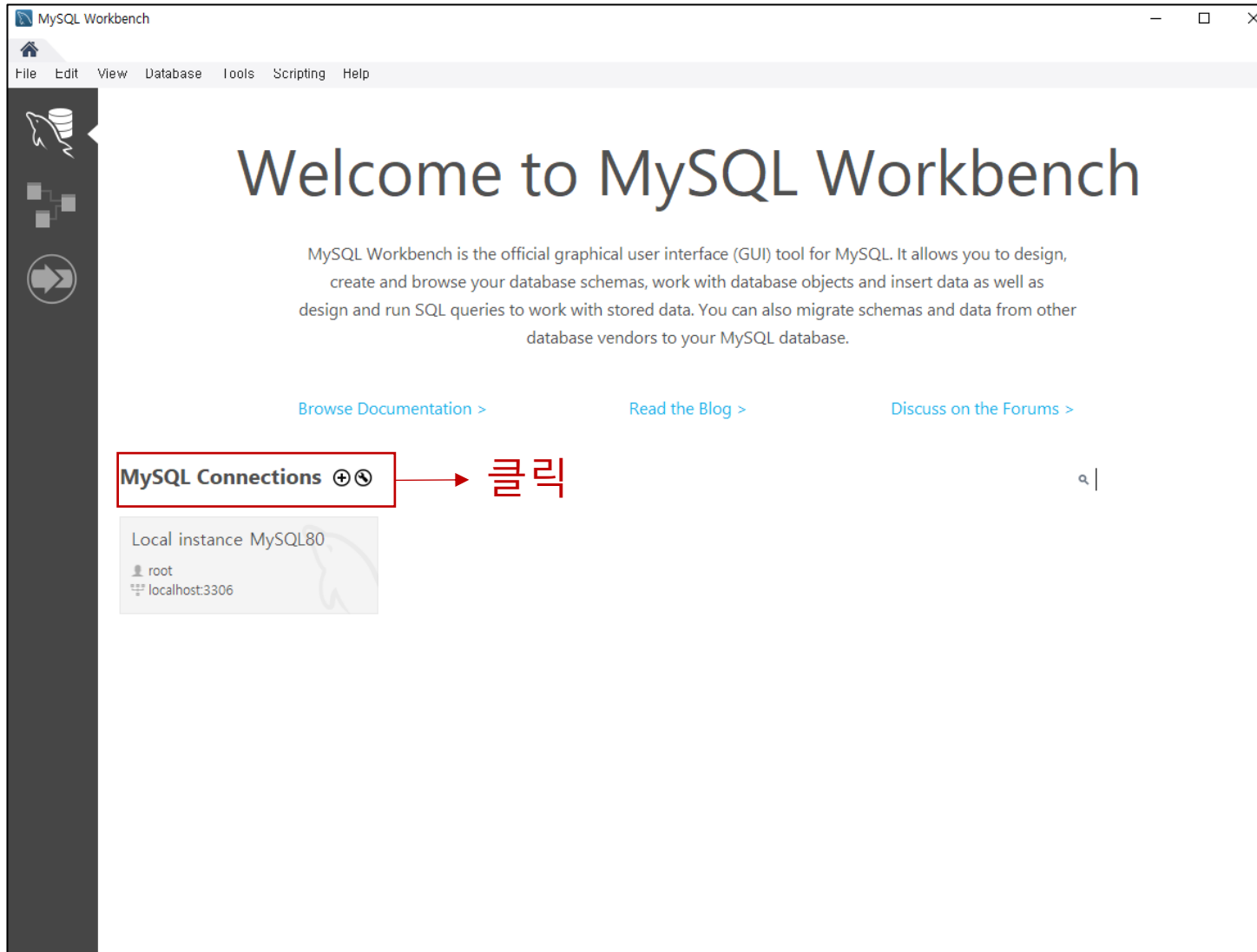
14. Installation Complete Finish 클릭





15. 자동으로 MySQL Shell 실행! -> #quit 입력해서 종료하면 끝!!

```
C:\Program Files\MySQL\MySQL Shell 8.0\bin\mysqlsh.exe
MySQL Shell 8.0.40
Copyright (c) 2016, 2024, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates.
Other names may be trademarks of their respective owners.
Type '#help' or '#?' for help; '#quit' to exit.
MySQL JS > #quit_
```





Setup New Connection

Connection Name: mydb Type a name for the connection

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

Parameters SSL Advanced

Hostname: 127.0.0.1


Username: root

Password: Store in Vault ...

Default Schema:

Store Password For Connection

Please enter password for the following service:

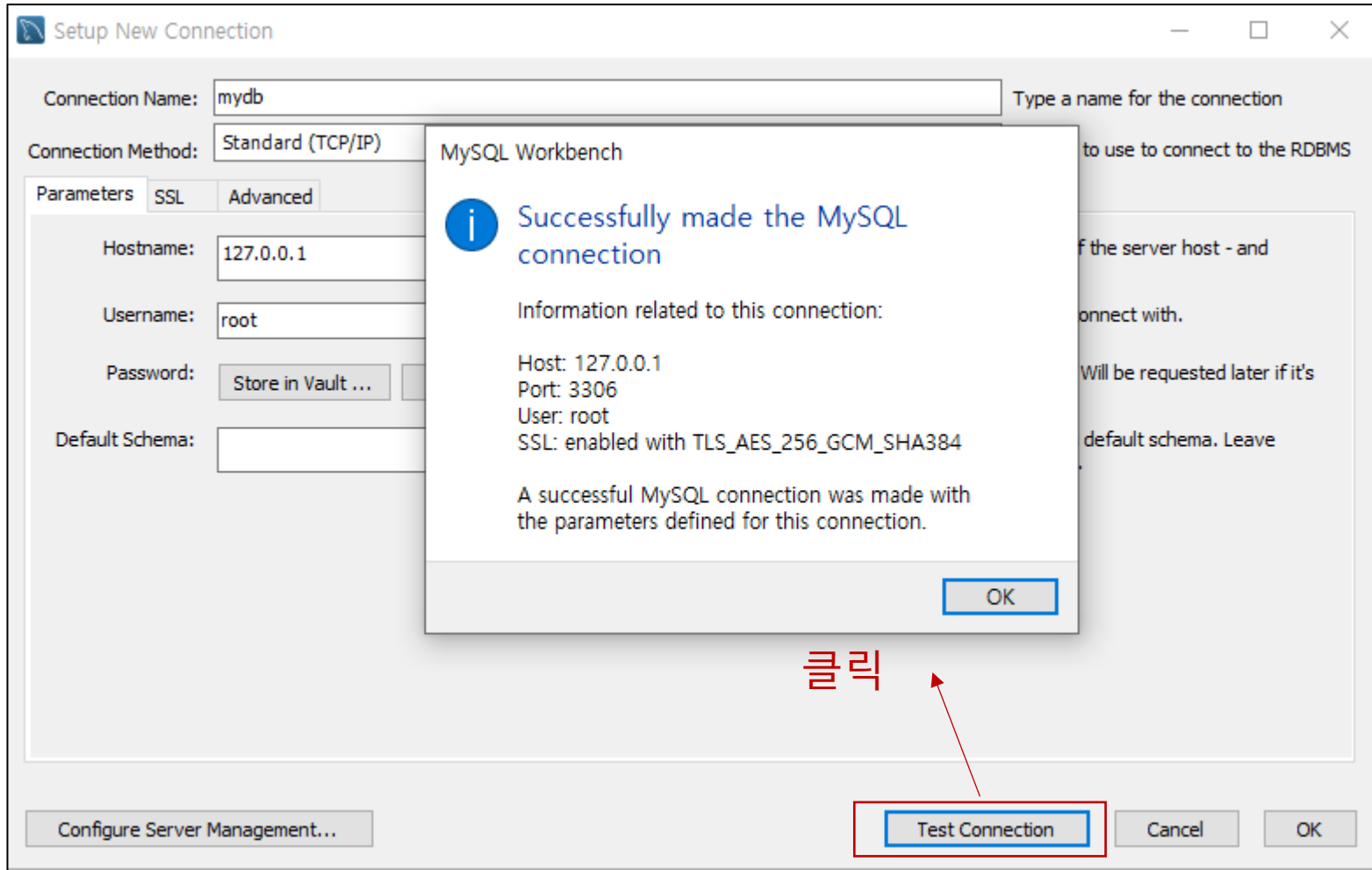
 **Service:** Mysql@127.0.0.1:3306

User: root

Password: *****

OK Cancel

Configure Server Management... Test Connection Cancel OK





- **MySQL 워크벤치**(MySQL Workbench)는 SQL 개발과 관리, [데이터베이스 설계](#), 생성 그리고 유지를 위한 단일 개발 통합 환경을 제공하는 비주얼 [데이터베이스 설계 도구](#)이다. FORCE.NET의 DBDesigner4의 후속 판이며, 이전 소프트웨어 패키지인 MySQL GUI 툴즈 번들을 대체한 것이다.

