

MySQL Workbench Installation

What is MySQL?

MySQL is currently the most popular database management software used to manage relational databases. It is open-source database software, which is supported by Oracle Company. It is a fast, scalable, and easy-to-use database management system in comparison with Microsoft SQL Server and Oracle Database. It is commonly used for creating powerful and dynamic server-side or web-based enterprise applications.

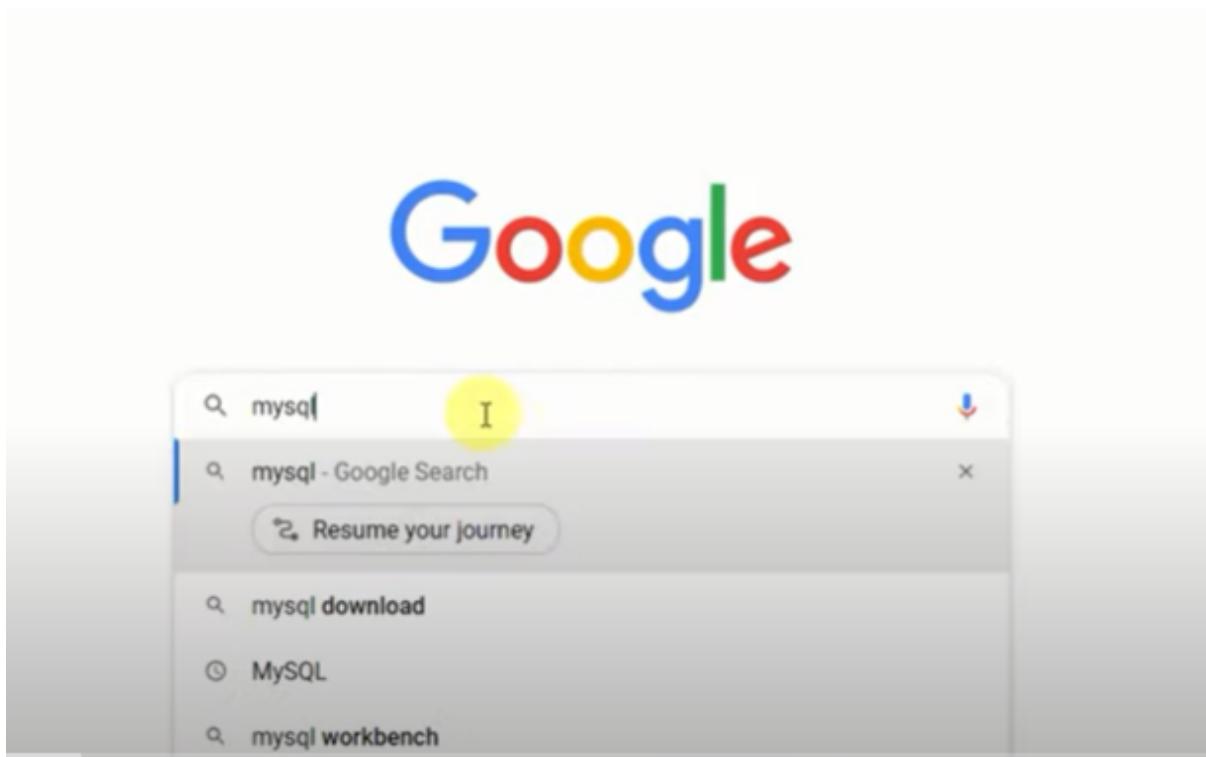
Reasons for popularity

MySQL is becoming so popular because of the following reasons:

- MySQL is an open-source database, so you don't have to pay a single penny to use it.
- MySQL is a powerful program that can handle many functionality of the most expensive and powerful database packages.
- MySQL is customizable because it is an open-source database, and the open-source GPL license facilitates programmers to modify the SQL software according to their specific environment.
- MySQL is quicker than other databases so it can work well even with a large data set.
- MySQL supports operating systems with many languages like PHP, PERL, C, C++, JAVA, etc.
- MySQL uses a standard form of the well-known SQL data language.
- MySQL supports large databases, up to 50 million rows or more in a table. The default file size limit for a table is 4GB, but you can increase this (if your operating system can handle it) to a theoretical limit of 8 million terabytes (TB).

Windows

Step 1: Open chrome and search for Mysql



Step 2: Browse the official MySQL website.

A screenshot of a Google search results page for "mysql". The search bar at the top contains "mysql". The results show the official MySQL website at the top. A yellow circle highlights the search bar. Below the search bar is a dropdown menu showing search history: "mysql - Google Search" (selected), "Resume your journey", "mysql download", "MySQL", and "mysql workbench".

Google mysql

All Images Videos News Books More Tools

About 24,80,00,000 results (0.39 seconds)

<https://www.mysql.com>

MySQL

MySQL Cluster enables users to meet the database challenges of next generation web, cloud, and communications services with uncompromising scalability, uptime ...

Results from mysql.com

Downloads

Database - MySQL Installer 8.0.32 - MySQL Community Server - 中文

MySQL Community Server

Linux - Generic (glibc 2.12) (x86, 32-bit), Compressed TAR ...

1.2.1 What is MySQL?

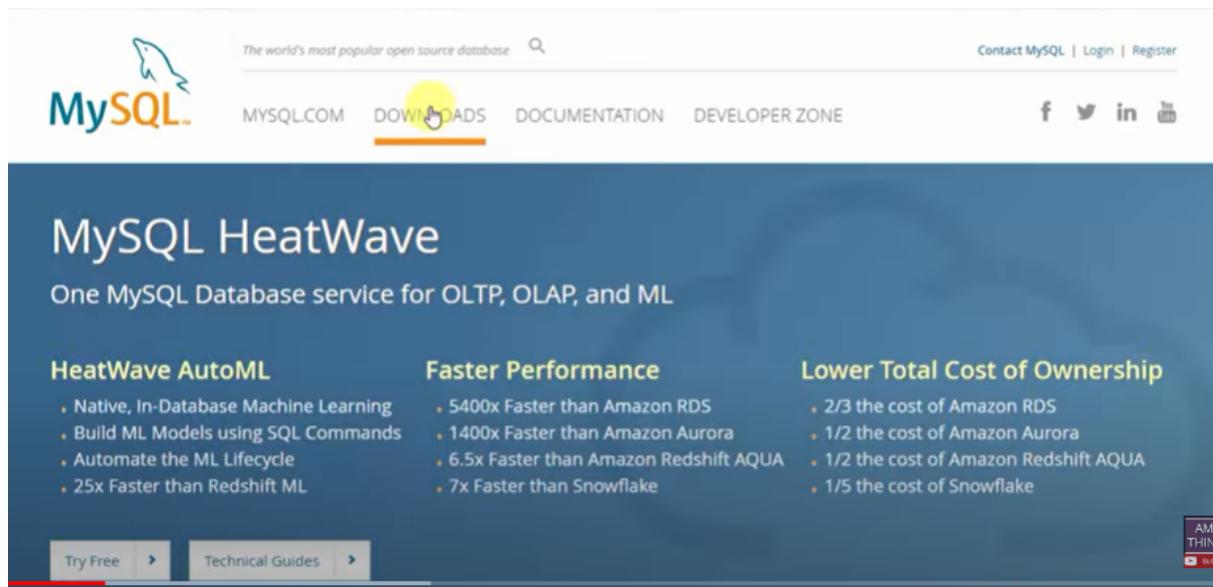
MySQL is a database management system. - MySQL ...

MySQL Installer 8.0.32

MySQL System software

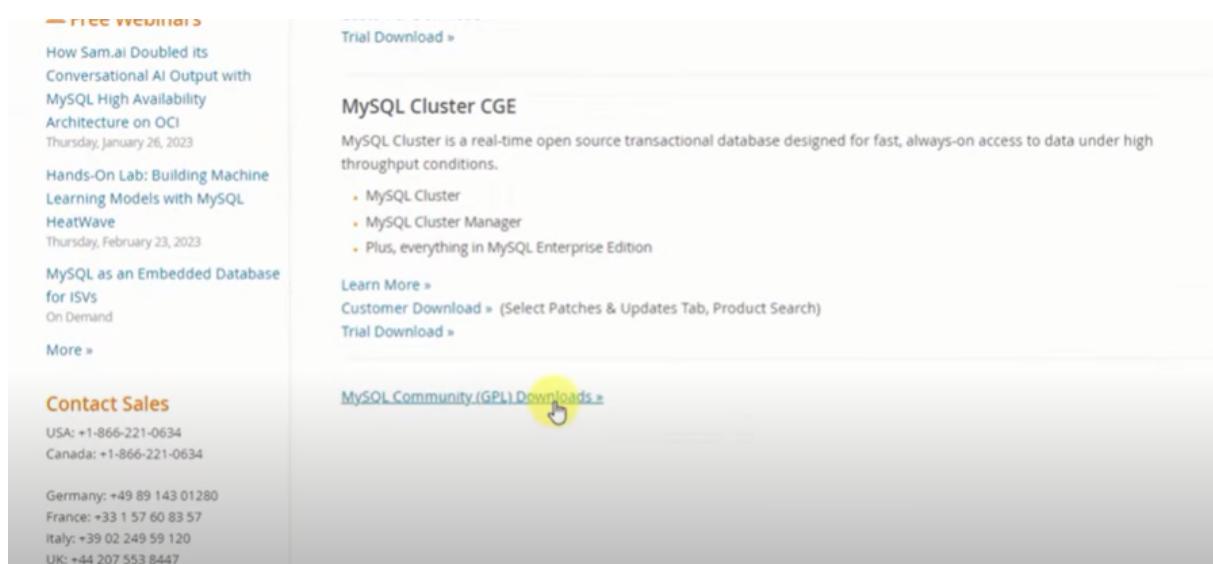
MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and SQL, the acronym for Structured

Step 3: There you will find the **Download** option



The screenshot shows the MySQL HeatWave landing page. At the top, there's a navigation bar with the MySQL logo, a search bar, and links for 'Contact MySQL', 'Login', and 'Register'. Below the navigation is a main header with 'MySQL HeatWave' and a sub-header 'One MySQL Database service for OLTP, OLAP, and ML'. There are three main sections: 'HeatWave AutoML', 'Faster Performance', and 'Lower Total Cost of Ownership', each with a bulleted list of benefits. At the bottom of the main content area are 'Try Free' and 'Technical Guides' buttons.

Step 4: Click on MySQL Community (GPL) Downloads.



The screenshot shows the MySQL Downloads page. On the left, there's a sidebar with links to 'How Sam.ai Doubled its Conversational AI Output with MySQL High Availability Architecture on OCI', 'Hands-On Lab: Building Machine Learning Models with MySQL HeatWave', 'MySQL as an Embedded Database for ISVs', and a 'Contact Sales' section with international phone numbers. The main content area features a 'Trial Download' button for 'MySQL Cluster CGE'. Below it is a list of MySQL Cluster components: MySQL Cluster, MySQL Cluster Manager, and Plus, everything in MySQL Enterprise Edition. A 'MySQL Community (GPL) Downloads' link is highlighted with a yellow circle and a cursor icon.

Step 5: Click on MySQL Installer For Windows



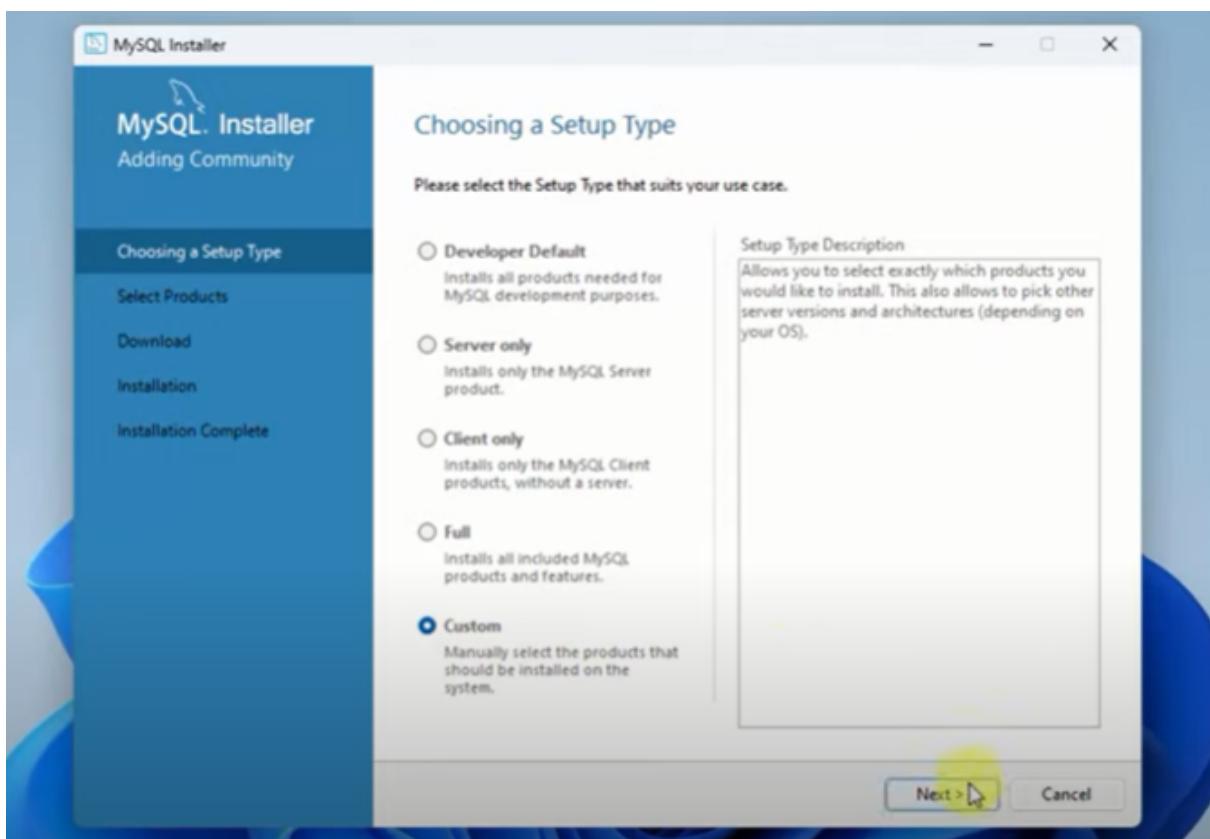
Step 6: Click on the second download link.

The screenshot shows the MySQL Installer 8.0.32 download page. It has a header with 'General Availability (GA) Releases' and 'Archives'. Below the header, it says 'Select Operating System: Microsoft Windows'. To the right, there's a link 'Looking for previous GA versions?'. The main content area lists two download options for Windows (x86, 32-bit) MSI installers. The first option is '(mysql-installer-web-community-8.0.32.0.msi)' with version 8.0.32, 2.4M file size, and a 'Download' button. The second option is '(mysql-installer-community-8.0.32.0.msi)' with version 8.0.32, 437.3M file size, and a 'Download' button. Both rows show MD5 checksums and signatures. At the bottom, there's a note: 'We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of' followed by an exclamation mark icon.

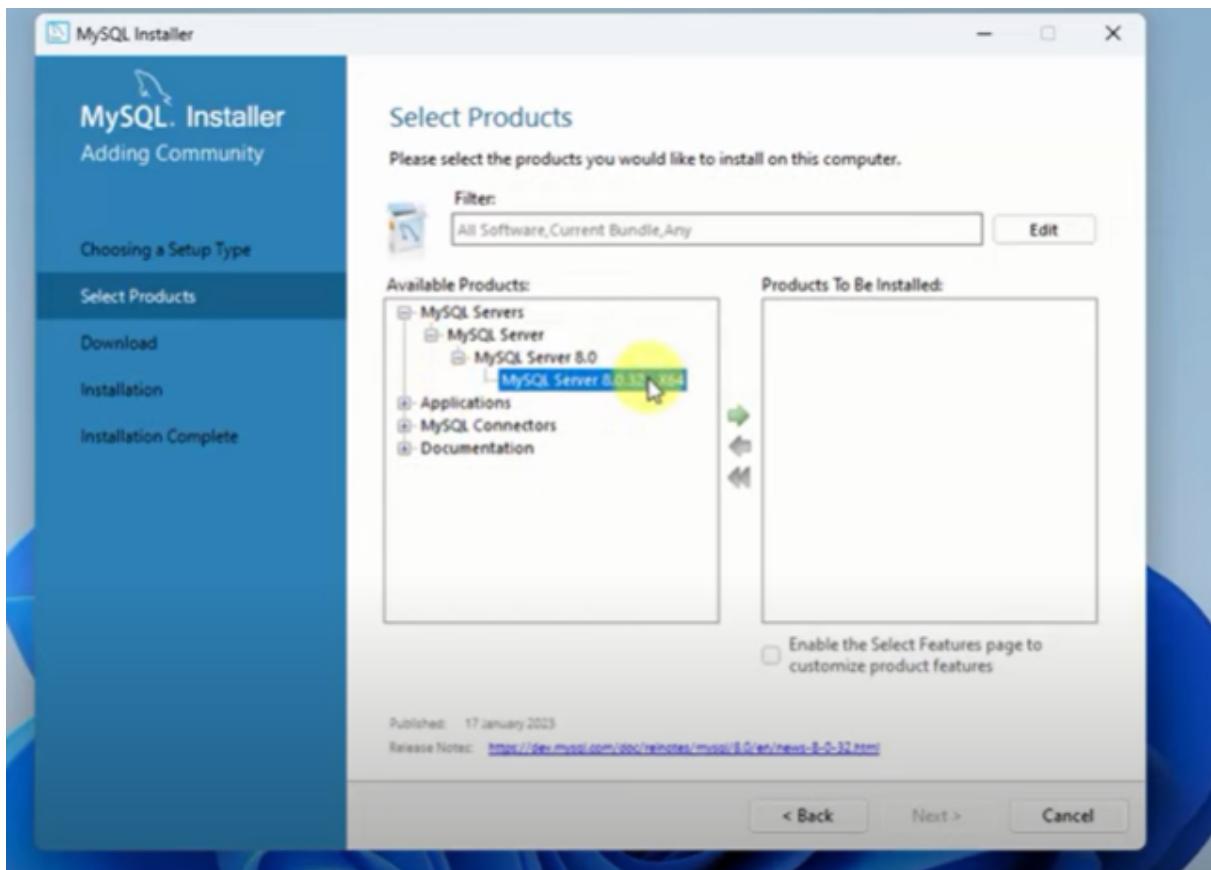
Step 7: After the download, open the installer.



Step 8: Now, choose the setup type. Here, select "Custom."

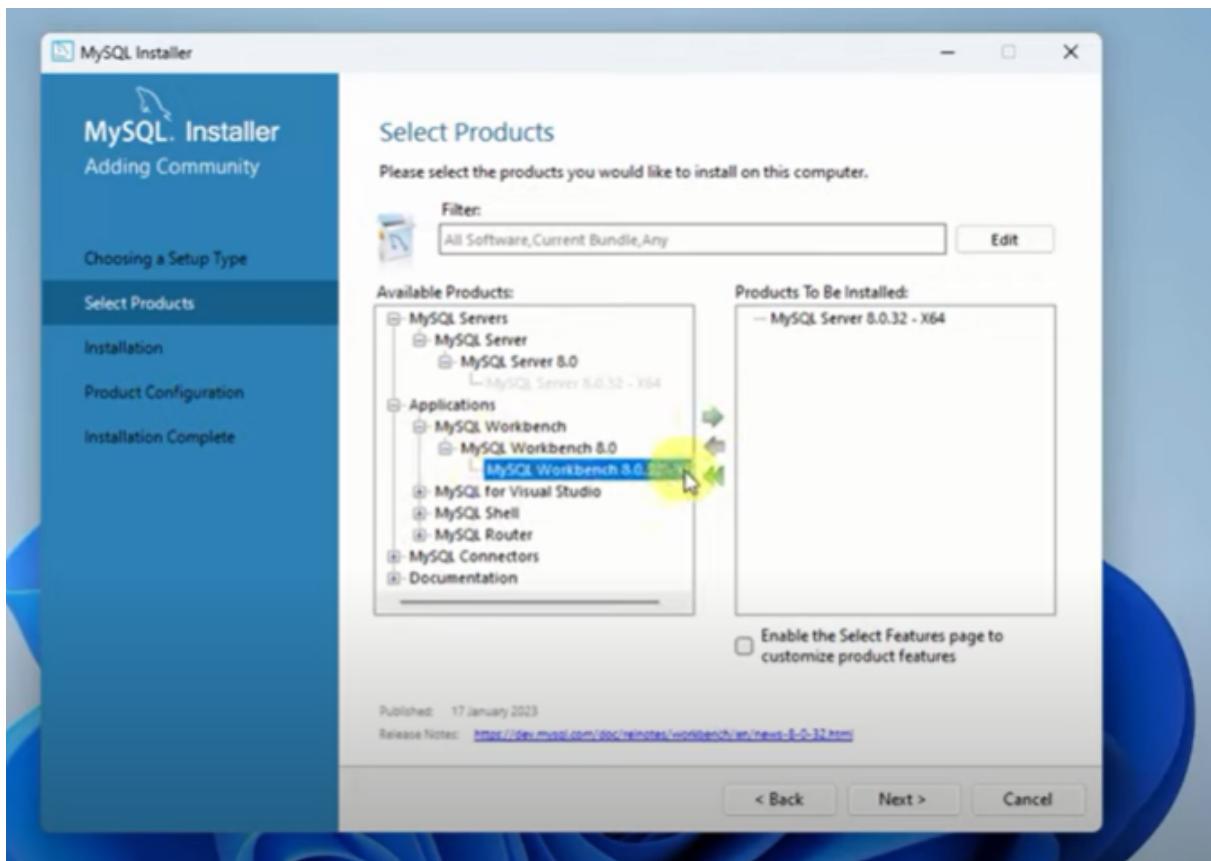


Step 9: Expand MySQL Server and then expand MySQL Server 8.0.

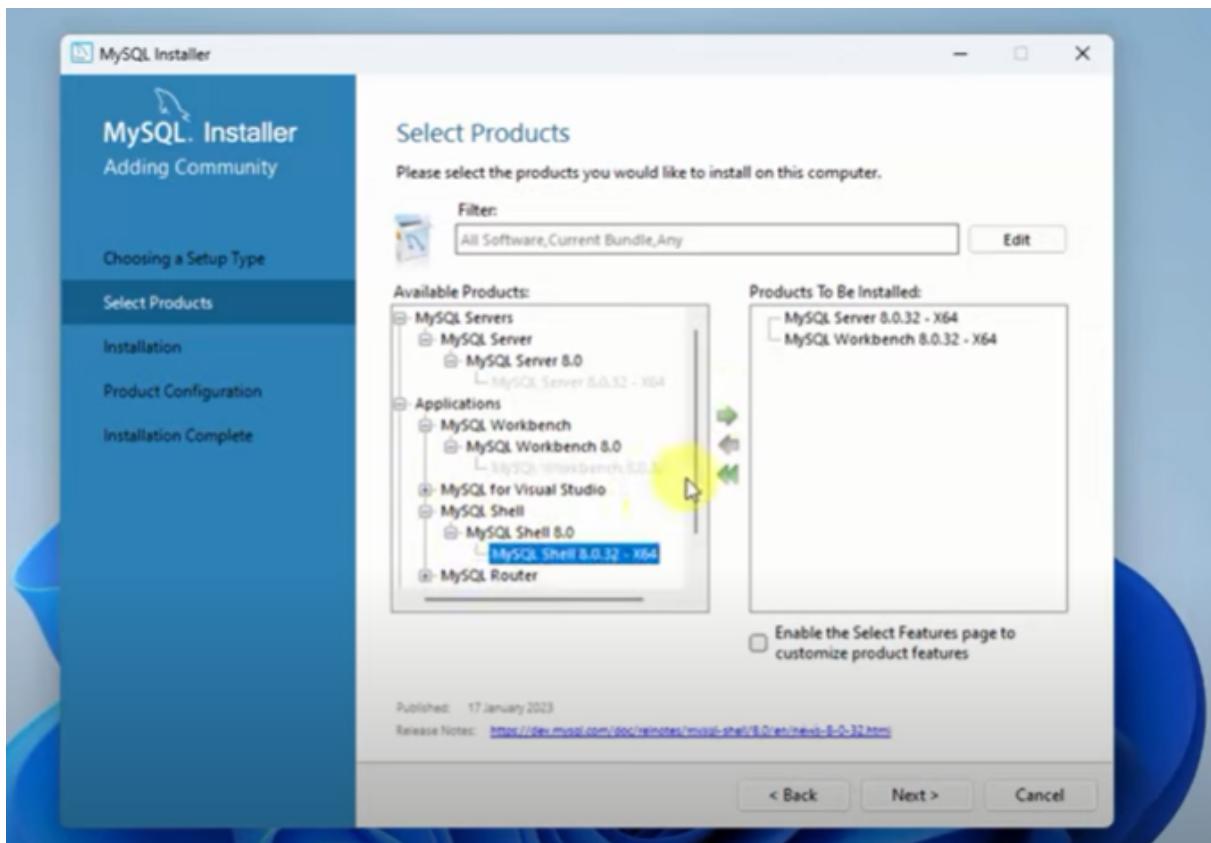


Step 10: Open MySQL Servers, choose the server you wish to install, and then drag it to the window section for Products/Features to be installed. Select MySQL Workbench, MySQL Server, and MySQL Shell after expanding applications. Put them in the same "Products to be Installed" section.

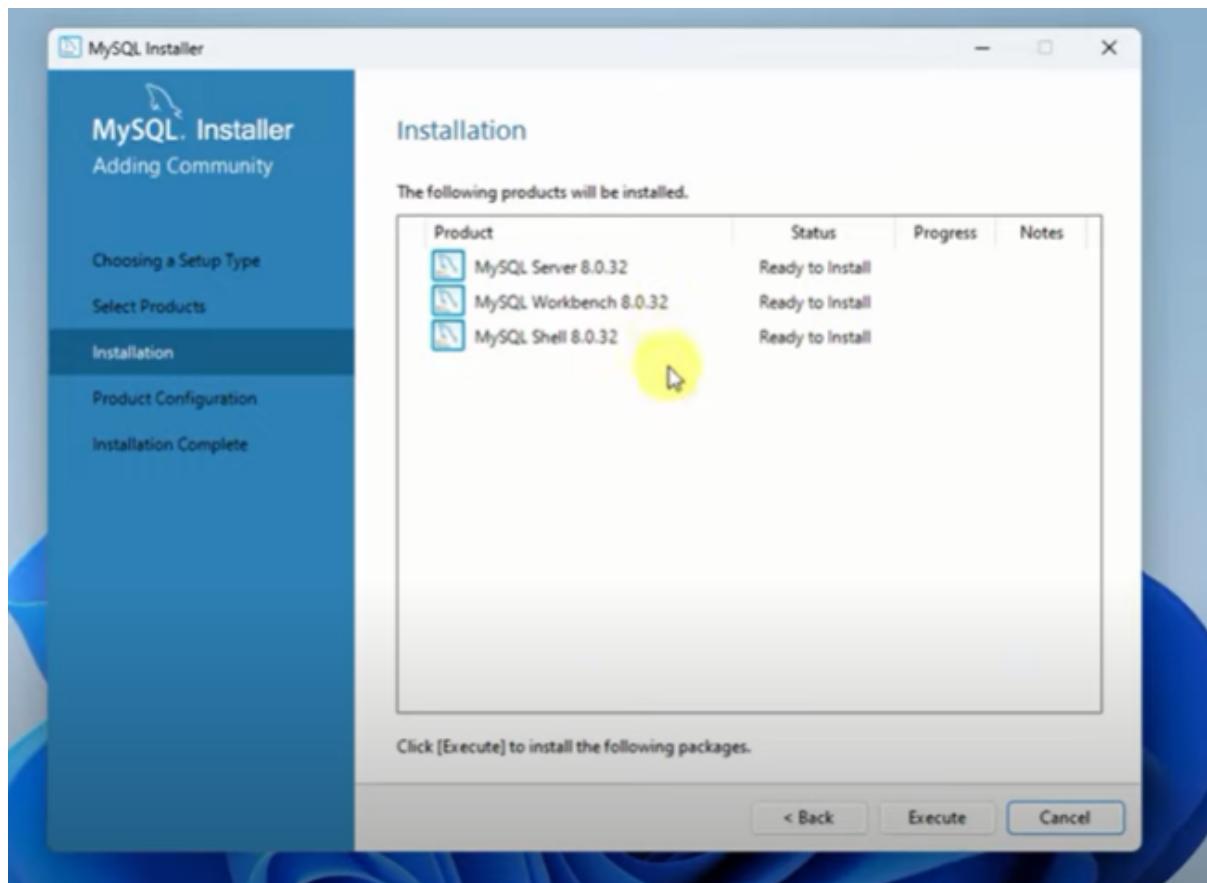
Step 11: Expand MySQL Workbench 8.0



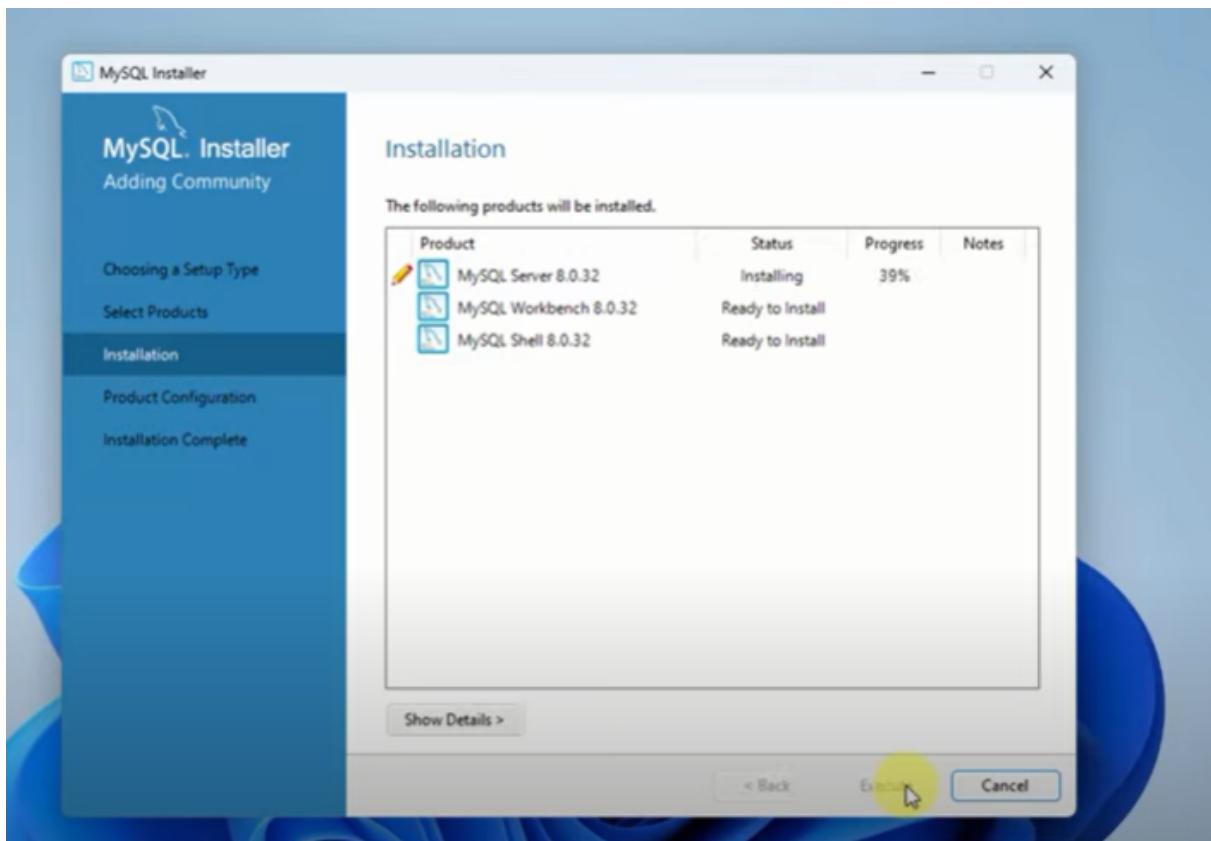
Step 12: Expand MySQL Shell 8.



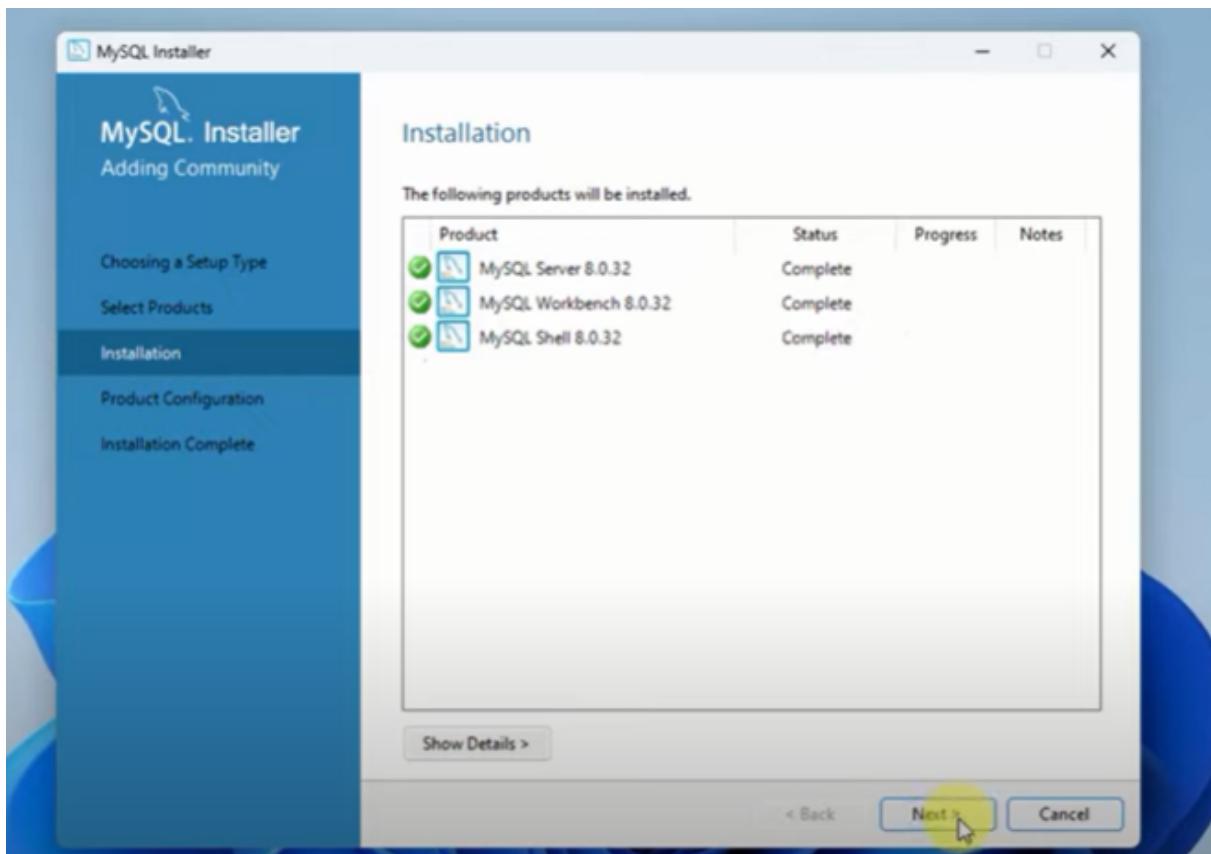
Step 13: The MySQL server, MySQL Workbench, and MySQL shell are ready to install.



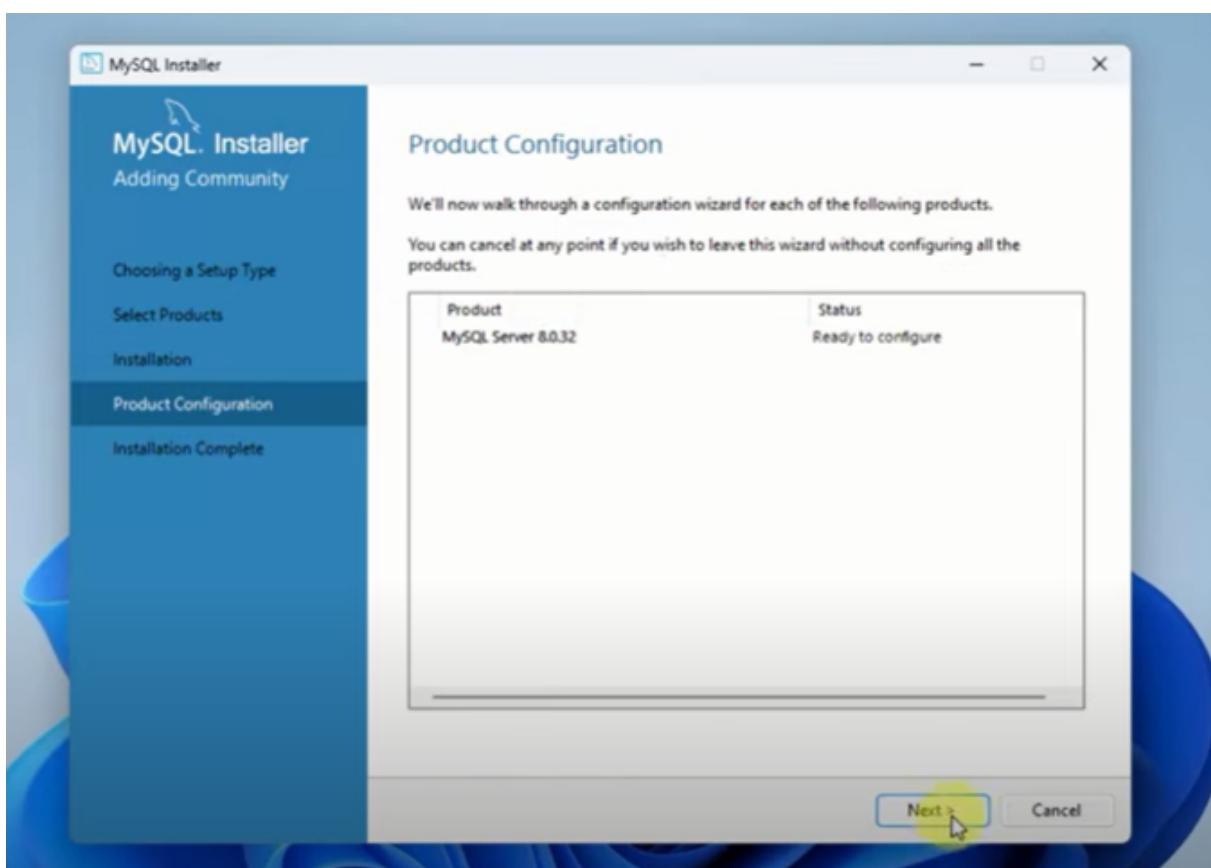
Step 14: To download and install the MySQL server, MySQL Workbench, and MySQL shell, click the **Execute** button.



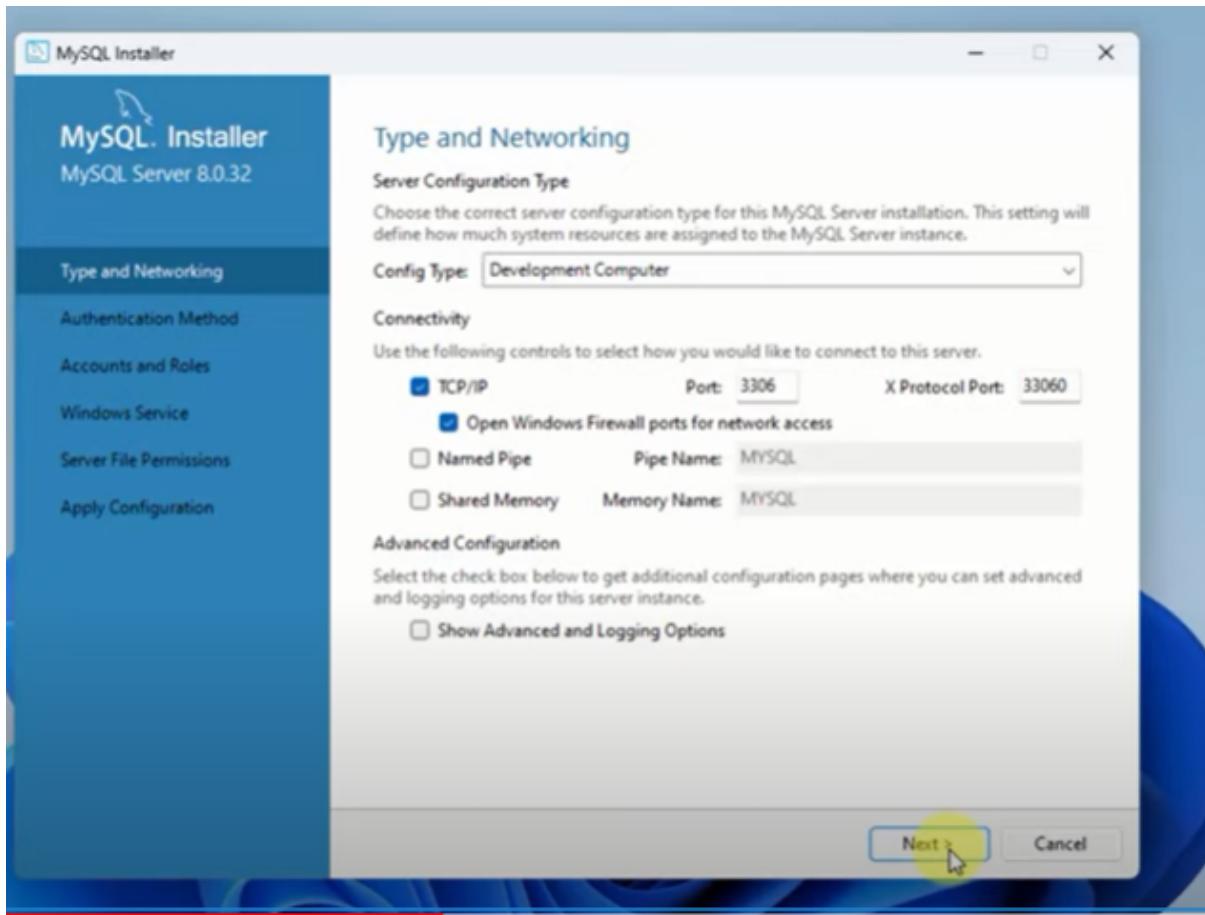
Step 15: MySQL server, MySQL Workbench, and the MySQL shell have been installed, click on Next.



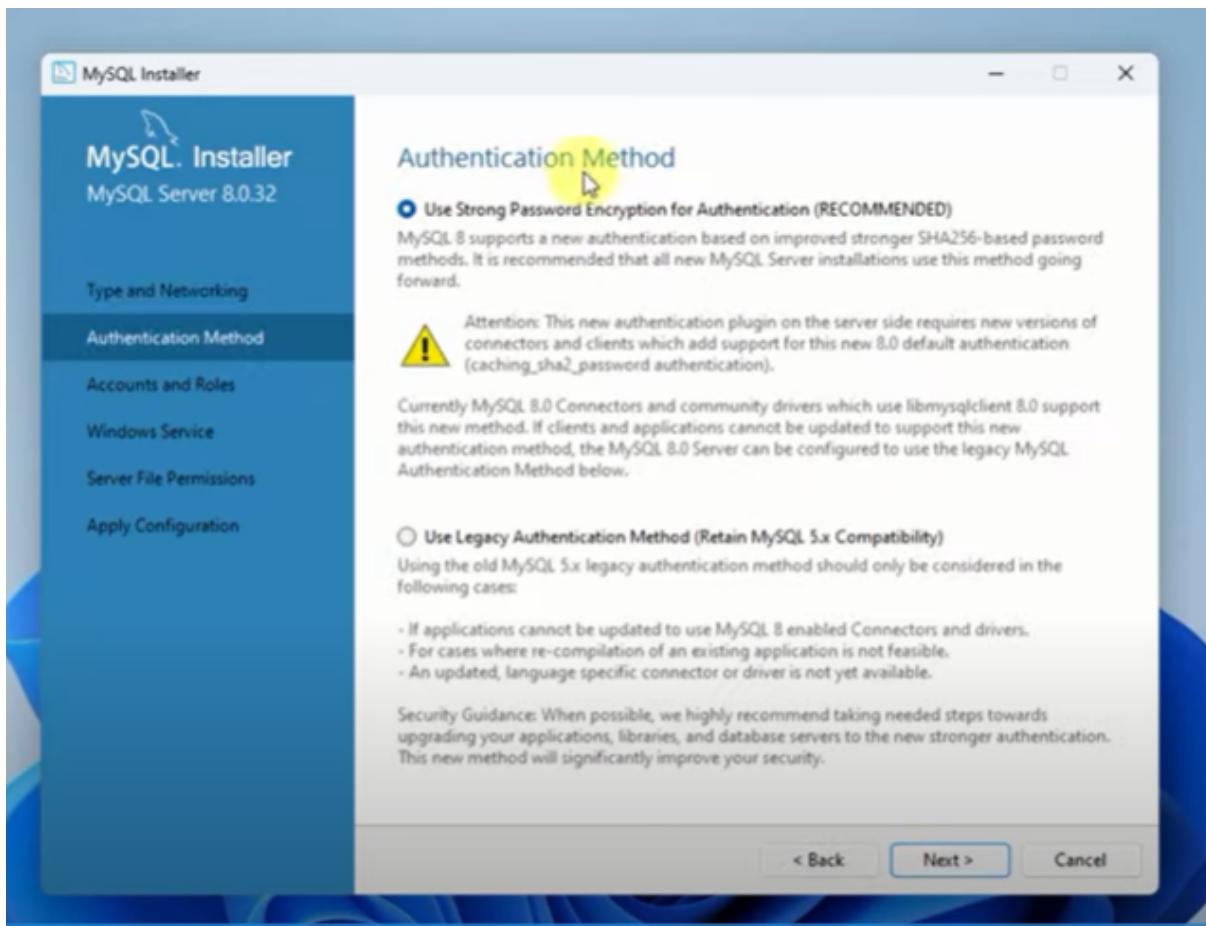
Step 16: Click Next once the product is ready for configuration.



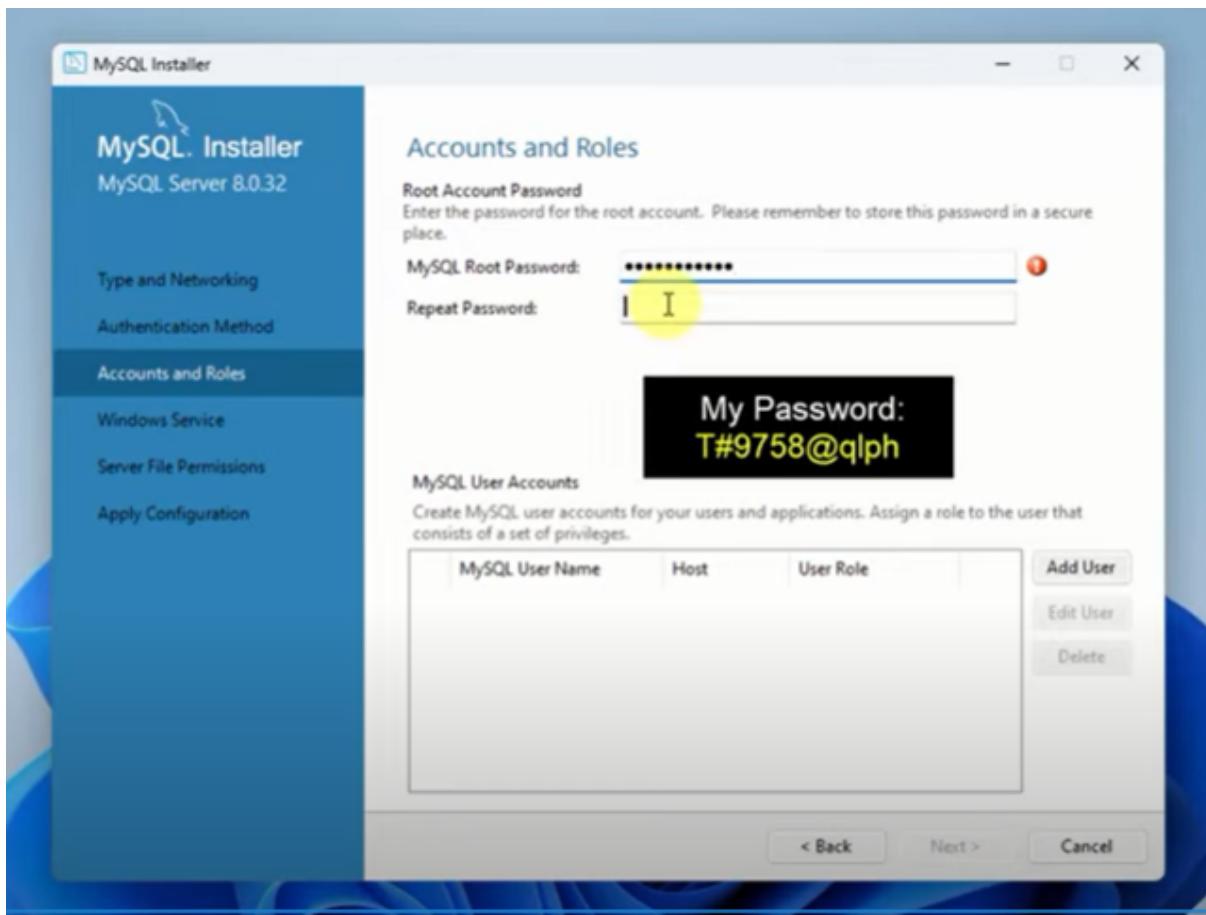
Step 17: Select type and networking, go with the default settings, and click on Next.



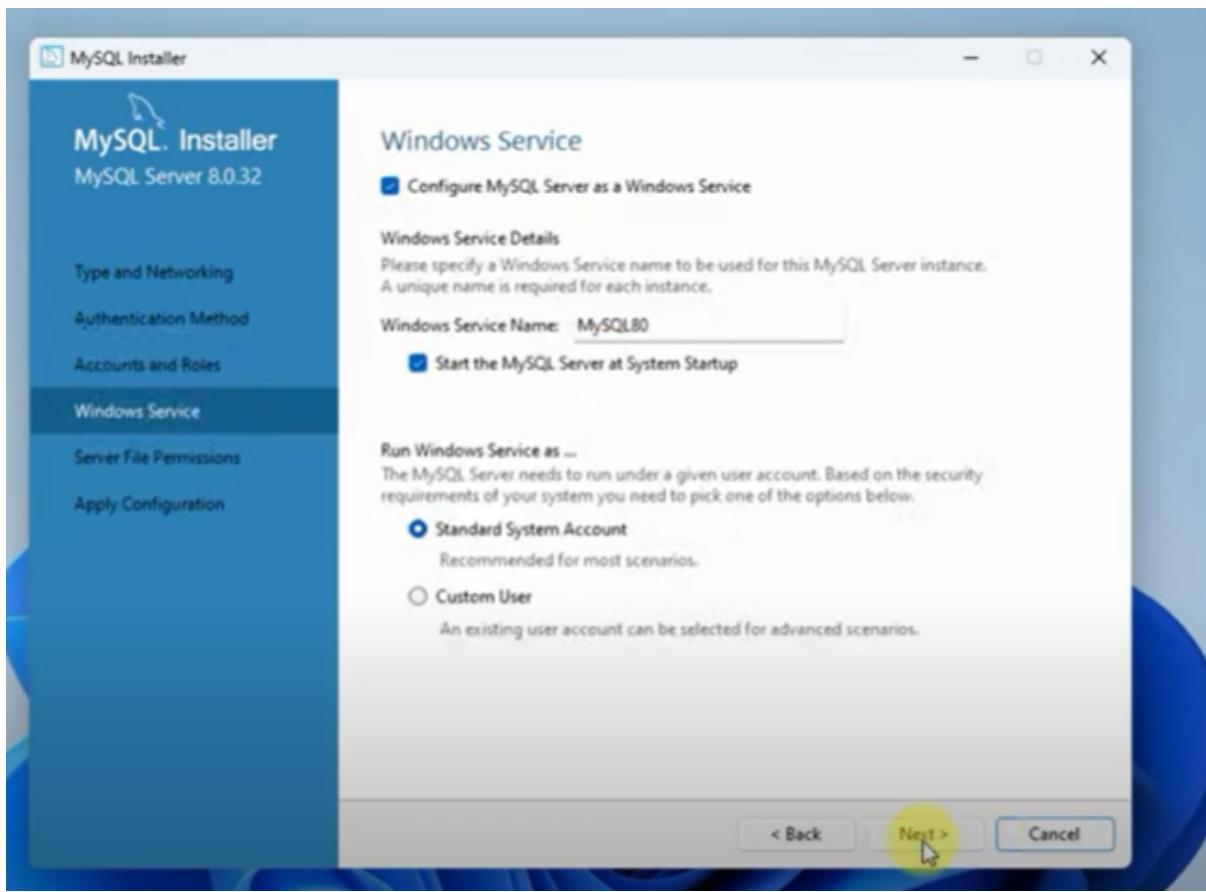
Step 18: Use a strong password for authentication



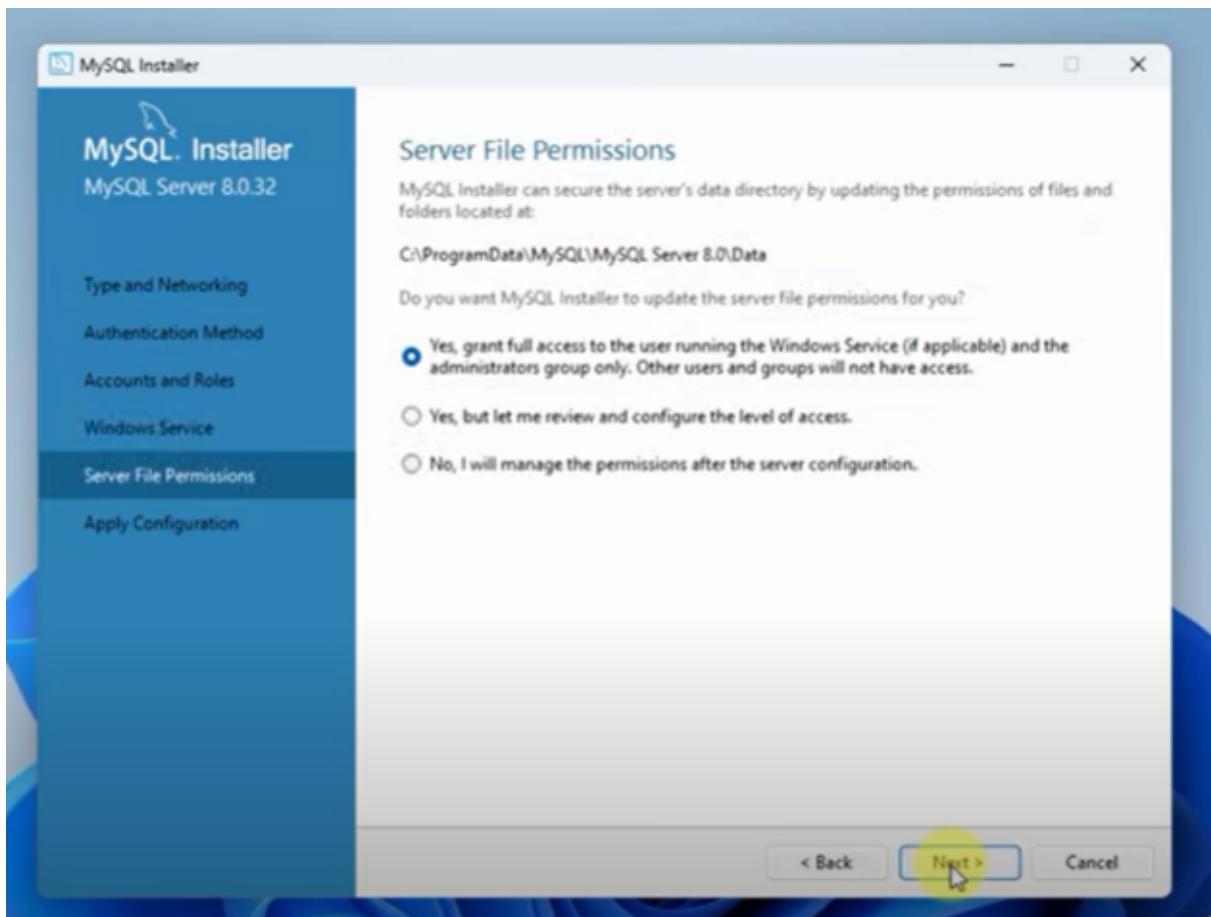
Step 19: Set your password and click Next.



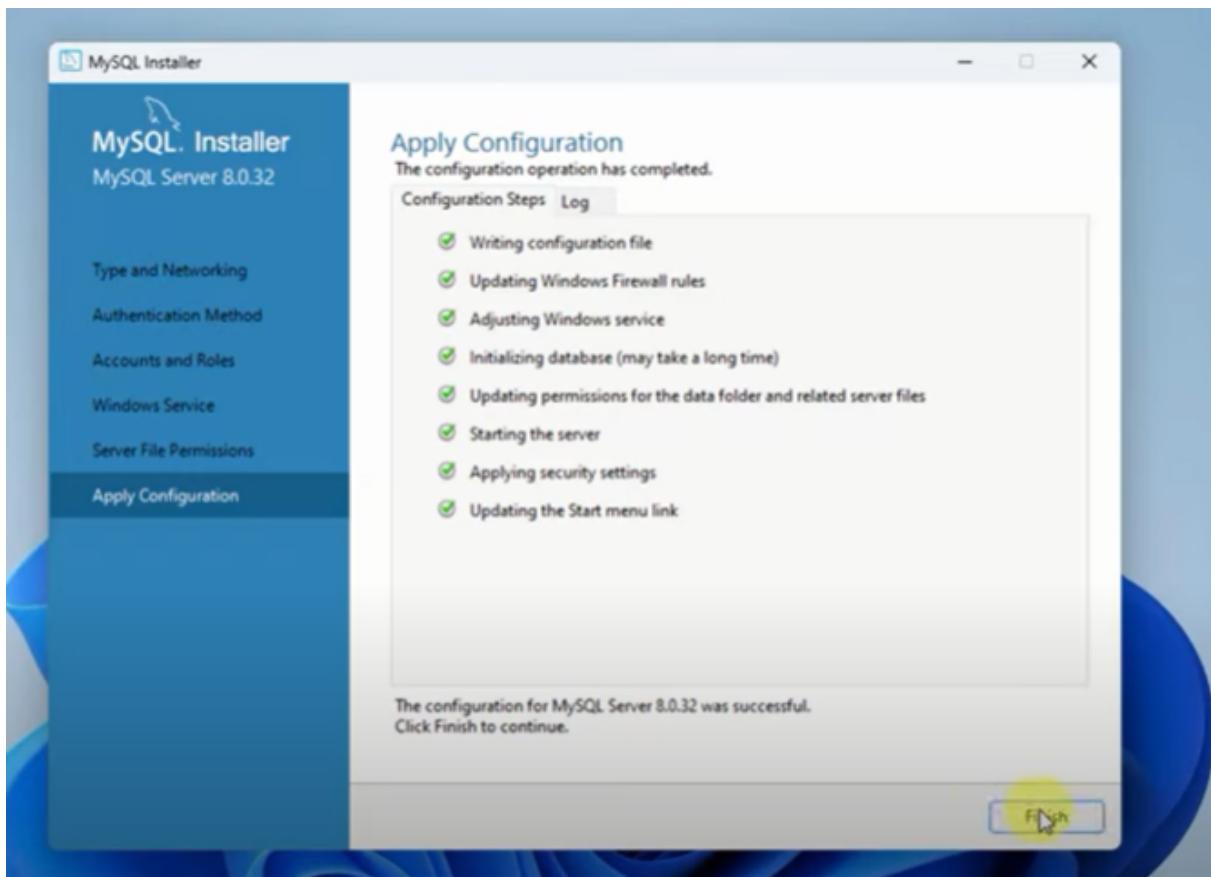
Step 20: Open the Windows service settings and click on Next.



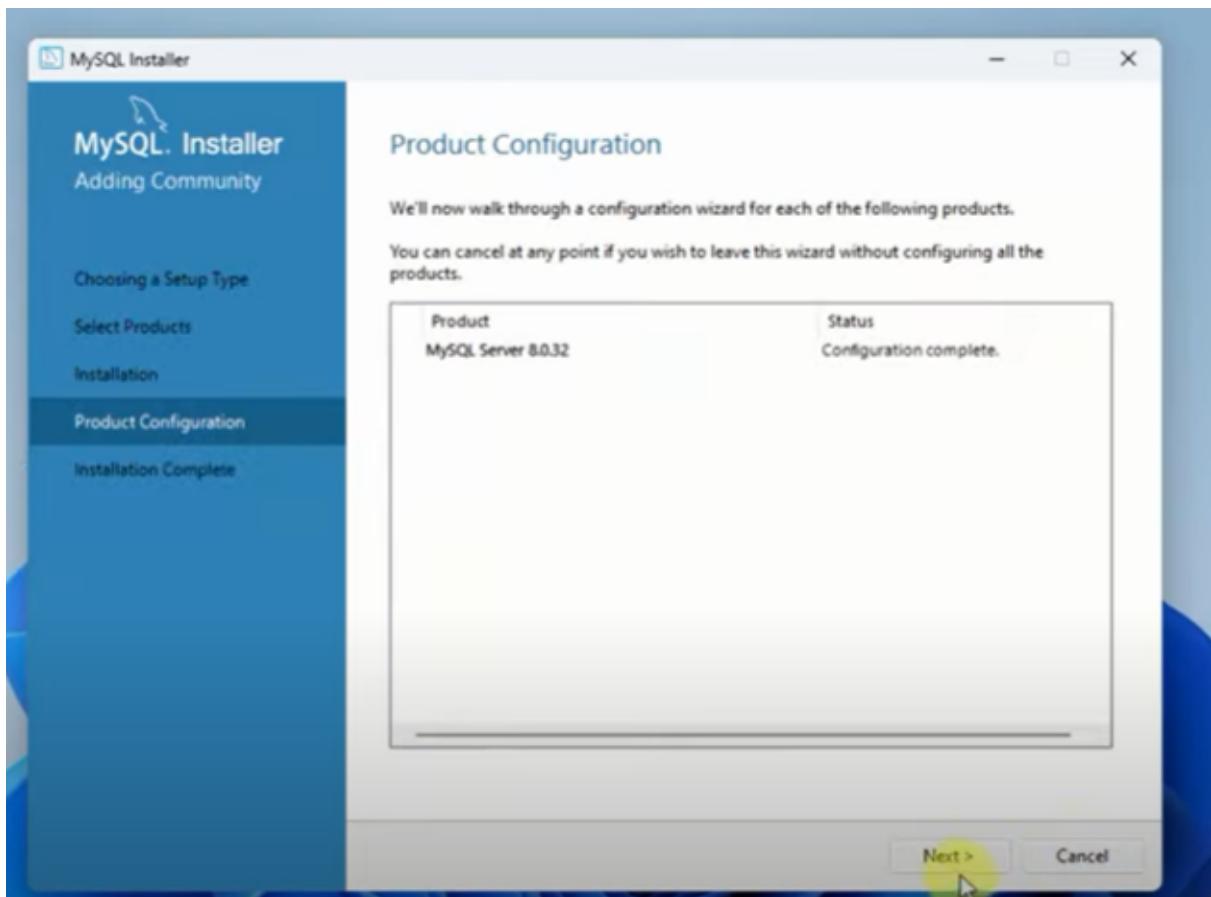
Step 21: Open the server file permissions, select the first option, and click Next.



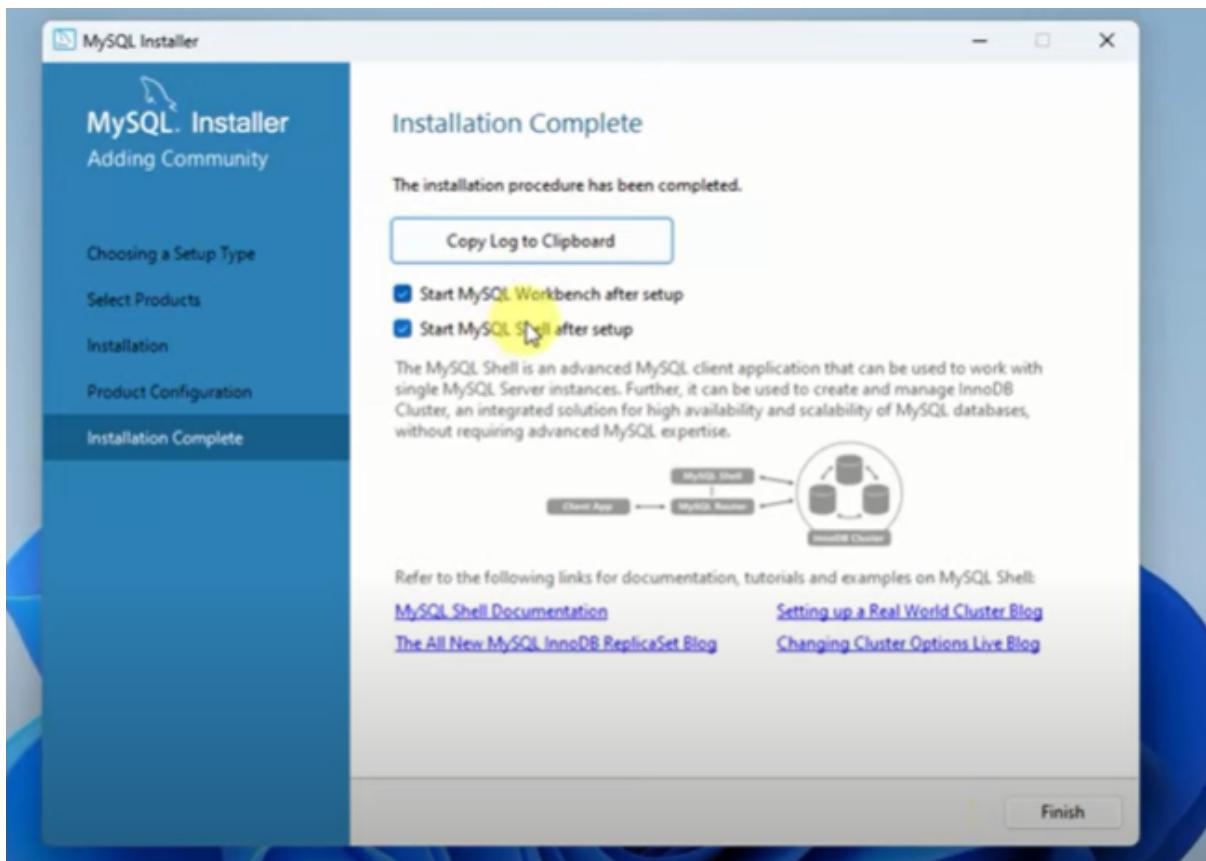
Step 22: Apply the configuration and click Execute.



Step 23: Once the configuration is complete, click on Next.



Step 24: Once the installation is complete, this will now launch the MySQL Workbench and the MySQL Shell.



Step 25: Then the MySQL Workbench window will open. The list of MySQL connections can be seen on the MySQL workbench's welcome screen. Since we haven't set up several connections to the database, we just see "Local instance MySQL80."

A screenshot of the MySQL Workbench welcome screen. The title 'Welcome to MySQL Workbench' is at the top. Below it is a brief description of what MySQL Workbench is. At the bottom, there are links to 'Browse Documentation >', 'Read the Blog >', and 'Discuss on the Forums >'. The main area shows 'MySQL Connections' with a '+' icon. A single connection entry is listed: 'Local instance MySQL80' with a 'root' user and 'localhost:3306' port. A yellow circle highlights the connection entry.

That's it! Congratulations, you've successfully installed MySQL Workbench. Now you can start managing, designing, or engaging in any work that requires the best interaction with MySQL databases.

Mac

Step1: In the header of the MySQL website, go to the **Downloads** tab.



Step2: Scroll down and select **MySQL Community (GPL) Downloads**.

The screenshot shows the MySQL.com homepage. On the left sidebar, there are links for the MySQL Newsletter, Free Webinars, and Contact Sales. The main content area features sections for MySQL Enterprise Edition, MySQL Cluster CGE, and MySQL Community Downloads. The MySQL Cluster CGE section is highlighted with a blue box around its title and description. A blue box also surrounds the 'MySQL Community (GPL Downloads >)' link at the bottom of the page.

MySQL Newsletter
Subscribe to the MySQL Newsletter »
Learn more »

Free Webinars
Hands on Lab: Turbocharge Business Insights with Oracle MySQL HeatWave — In-Memory Query Accelerator with Built-in Machine Learning Capabilities Thursday, October 06, 2022
Connecting MySQL HeatWave with External Data Sources with Oracle Data Integration Tuesday, October 11, 2022
Oracle MySQL Performance Tuning Thursday, October 13, 2022
More »

Contact Sales

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 \(GPL Downloads >\)](#)

Step3: Select MySQL Community Server.

The screenshot shows the MySQL Community Downloads page. It lists various MySQL products and services, with the 'MySQL Community Server' option highlighted by a blue box. Other options like MySQL Yum Repository, MySQL APT Repository, MySQL SUSE Repository, MySQL Cluster, MySQL Router, MySQL Shell, MySQL Operator, MySQL Workbench, MySQL Installer for Windows, MySQL for Visual Studio, and C API (libmysqlclient) are also listed.

MySQL Community Downloads

- MySQL Yum Repository
- MySQL APT Repository
- MySQL SUSE Repository
- MySQL Community Server**
- MySQL Cluster
- MySQL Router
- MySQL Shell
- MySQL Operator
- MySQL Workbench
- MySQL Installer for Windows
- MySQL for Visual Studio
- C API (libmysqlclient)

Step4: In the **Select Operating System** dropdown menu, select **macOS**.

The screenshot shows the MySQL Community Downloads page for MySQL Community Server 8.0.30. The operating system selected is macOS, and the OS version is set to All. A note indicates compatibility between Monterey (12) and Big Sur (11). Two download options are listed: a 448.8M DMG Archive and a 455.4M DMG file. The 'Download' button for the first item is highlighted.

MySQL Community Downloads

MySQL Community Server 8.0.30

Select Operating System: macOS

Select OS Version: All

Packages for Monterey (12) are compatible with Big Sur (11)

macOS 12 (ARM, 64-bit), DMG
Archive (mysql-8.0.30-macos12-arm64.dmg)

macOS 12 (x86, 64-bit), DMG
8.0.30 455.4M

Step5: Find the required processor version and select **Download**.

The screenshot shows the MySQL Community Downloads page for MySQL Community Server 8.0.30. The operating system selected is macOS, and the OS version is set to All. A note indicates compatibility between Monterey (12) and Big Sur (11). Two download options are listed: a 448.8M DMG Archive and a 455.4M DMG file. Both download buttons are highlighted.

MySQL Community Downloads

MySQL Community Server 8.0.30

Select Operating System: macOS

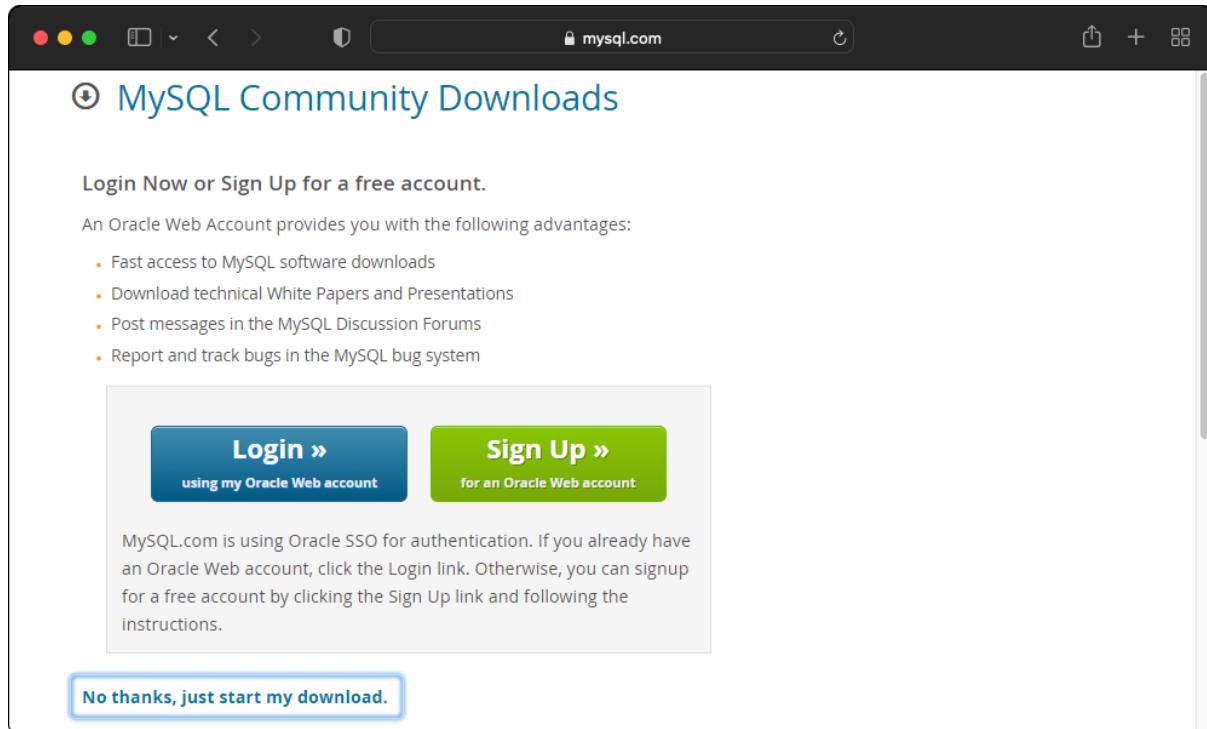
Select OS Version: All

Packages for Monterey (12) are compatible with Big Sur (11)

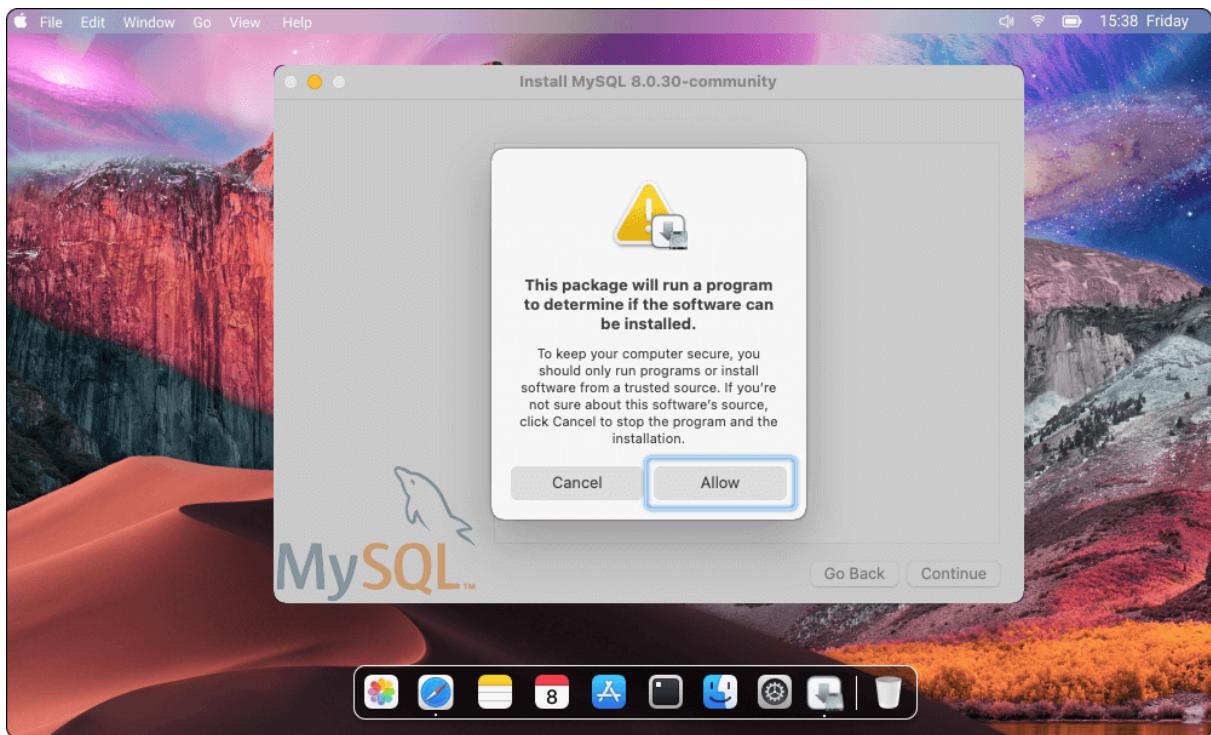
macOS 12 (ARM, 64-bit), DMG
Archive (mysql-8.0.30-macos12-arm64.dmg)

macOS 12 (x86, 64-bit), DMG
8.0.30 455.4M

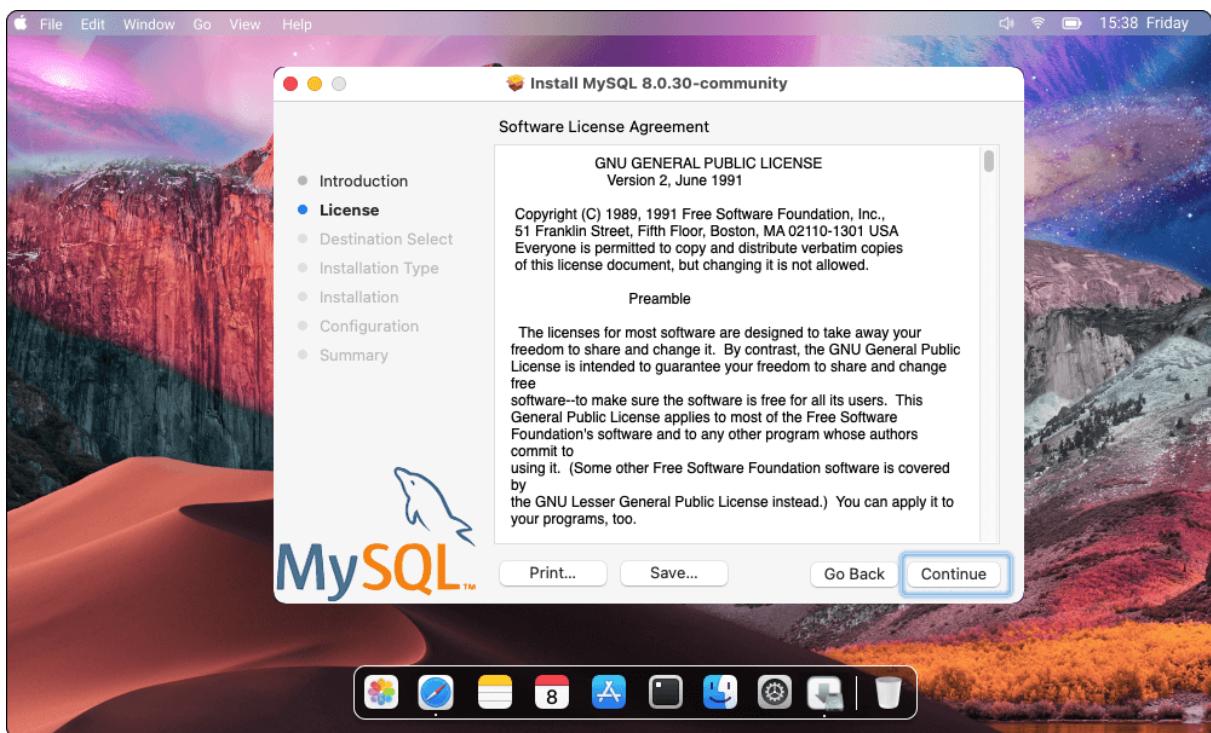
Step6: Then you will be prompted to either sign up or log in to your Oracle Web account. Just below the buttons, select **No thanks, just start my download**. The download will commence.



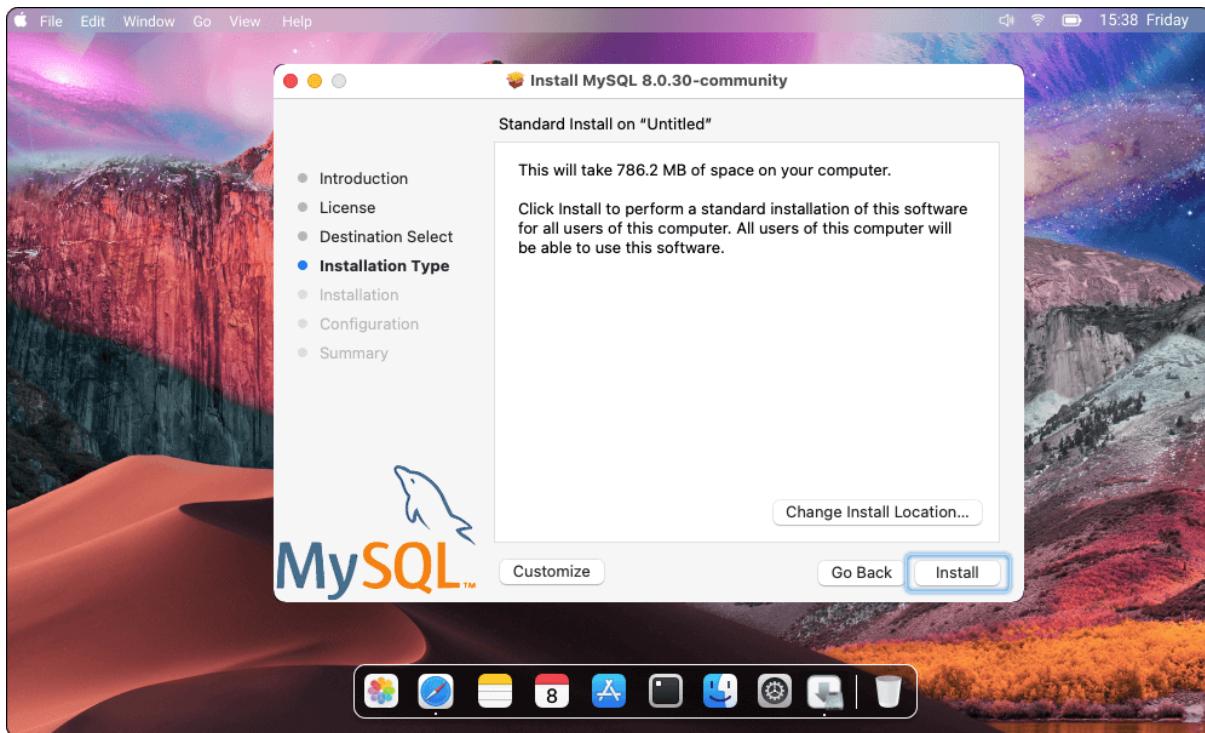
Step7: Double-click the downloaded DMG file to open a wizard-like installer. It will tell you it has to determine if the software it contains can be installed. Click **Allow**. Then you will see links to MySQL-related resources, including the documentation. Click **Continue**.



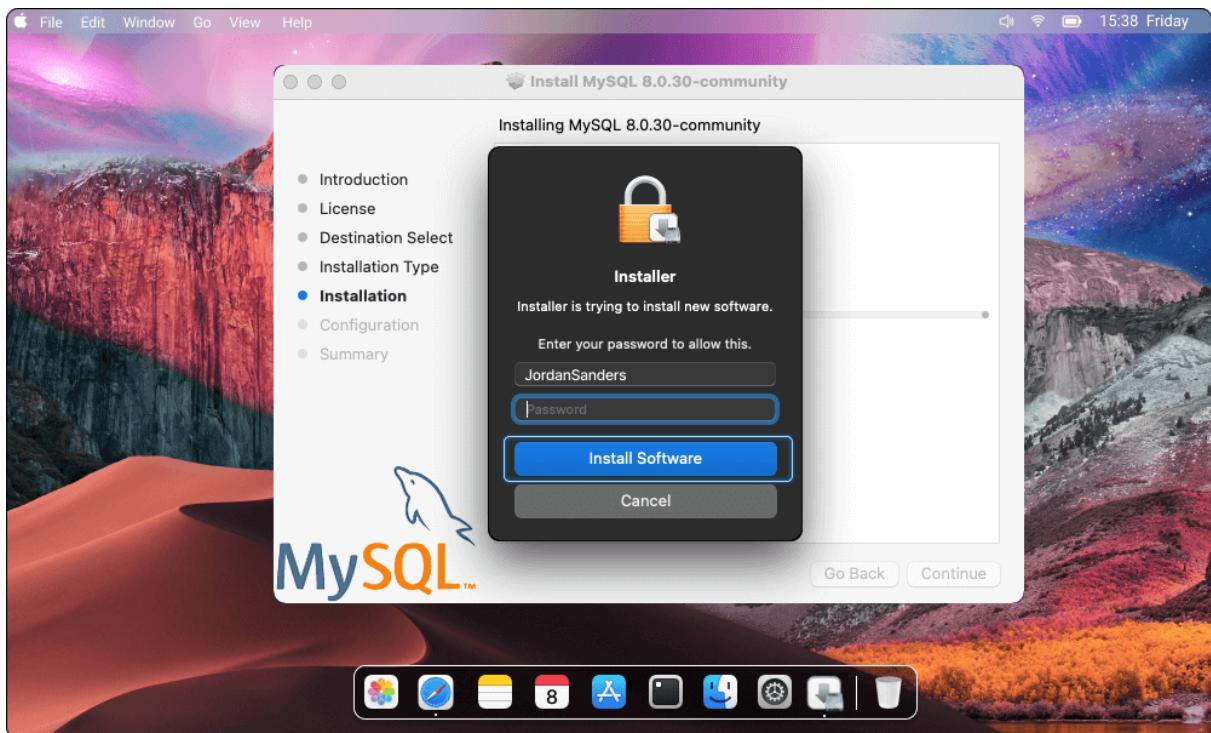
Step8: On the **License** page, accept the Software License Agreement by clicking **Continue**.



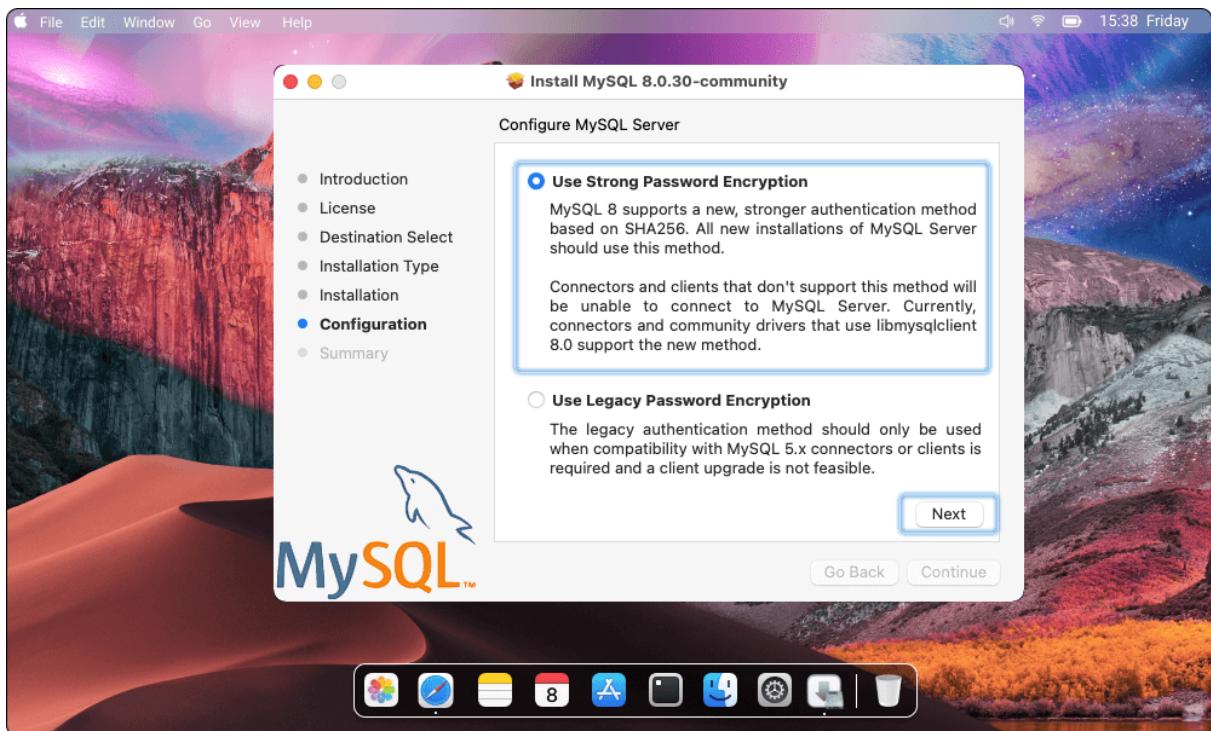
Step9: Next, you need to choose the download destination. By default, it's your main hard drive. If you want to change it, click **Change Install Location**. If you don't, click **Install**.



Step10: Enter your password, click **Install Software**, and wait while the files get installed on your Mac.



Step11: On the **Configuration** page, select **Use Strong Password Encryption**. Click **Next**. Enter your MySQL root password, click **Finish**, and the installation will be complete.



That's it! Congratulations, you've successfully installed MySQL Workbench. Now you can start managing, designing, or engaging in any work that requires the best interaction with MySQL databases.

Ubuntu

Here's a step-by-step guide to installing MySQL Workbench on Ubuntu.

Step1: Open a Terminal Window. You can do this by pressing Ctrl + Alt + T or by searching for "Terminal" in your applications menu.

Step2: Update the Package Database. Run the following command to make sure you have the latest information about available packages.

```
sudo apt update
```

Step3: Install MySQL Workbench. Run the following command to install MySQL Workbench.

```
sudo apt install mysql-workbench
```

Step4: Launch MySQL Workbench. After the installation is complete, you can find MySQL Workbench in your applications menu or run it from the terminal by entering.

```
mysql-workbench
```

Step5: Configure MySQL Workbench. When you first run MySQL Workbench, you may need to set up a connection to your MySQL server. You'll need the hostname, username, and password for your MySQL server.

Using MySQL APT Repository

If you want to have more control over the version you're installing or ensure you're getting the latest version, you may want to use the MySQL APT repository.

Step1: Download MySQL APT Repository. Go to the [MySQL Downloads page](#) and download the APT repository package. Click the "No thanks, just start my download" to get started.

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.

[No thanks, just start my download.](#)

Step2: Install the Repository Package. Open a terminal and navigate to the folder where you downloaded the package. Then run.

```
sudo dpkg -i /path/to/the/downloaded/package.deb
```

Step3: Update Package Information. Run the following command.

```
sudo apt update
```

Step4: Install MySQL Workbench. Install MySQL Workbench by using this command.

```
sudo apt install mysql-workbench
```

That's it! Congratulations, you've successfully installed MySQL Workbench. Now you can start managing, designing, or engaging in any work that requires the best interaction with MySQL databases.