

Install MySQL on Windows 10

1. Go to <https://dev.mysql.com/downloads/installer/>
Select a suitable one. The arrow shows which I selected.

MySQL Product Archives

MySQL Installer (Archived Versions)

Please note that these are old versions. New releases will have recent bug fixes and features!
To download the latest release of MySQL Installer, please visit [MySQL Downloads](#).

Product Version: 8.0.27
Operating System: Microsoft Windows

Windows (x86, 32-bit), MSI Installer	Nov 5, 2021	2.3M	Download
(mysql-installer-web-community-8.0.27.1.msi)		MD5: 44b7f3e4c1bdcc641621cfaa31ea18f4 Signature	

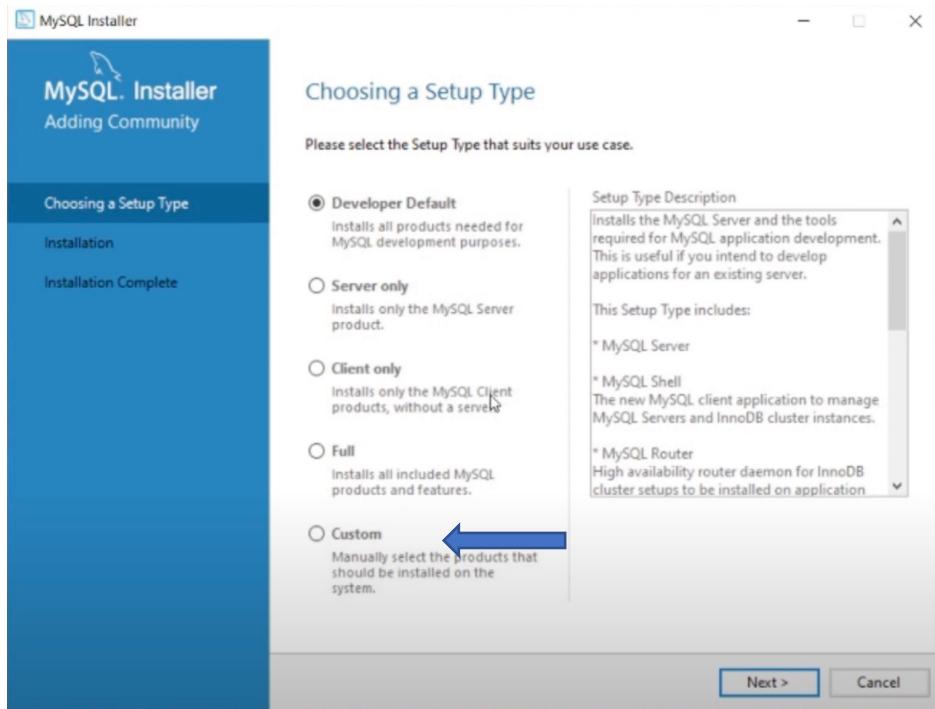
Windows (x86, 32-bit), MSI Installer	Nov 5, 2021	470.2M	Download
(mysql-installer-community-8.0.27.1.msi)		MD5: 9b7af5c91139659b10b84b1ca357d08f Signature	

! We suggest that you use the [MD5 checksums and GnuPG signatures](#) to verify the integrity of the packages you download.

MySQL open source software is provided under the [GPL License](#).

Click on “No thanks, just start my download”

2. Installer setup



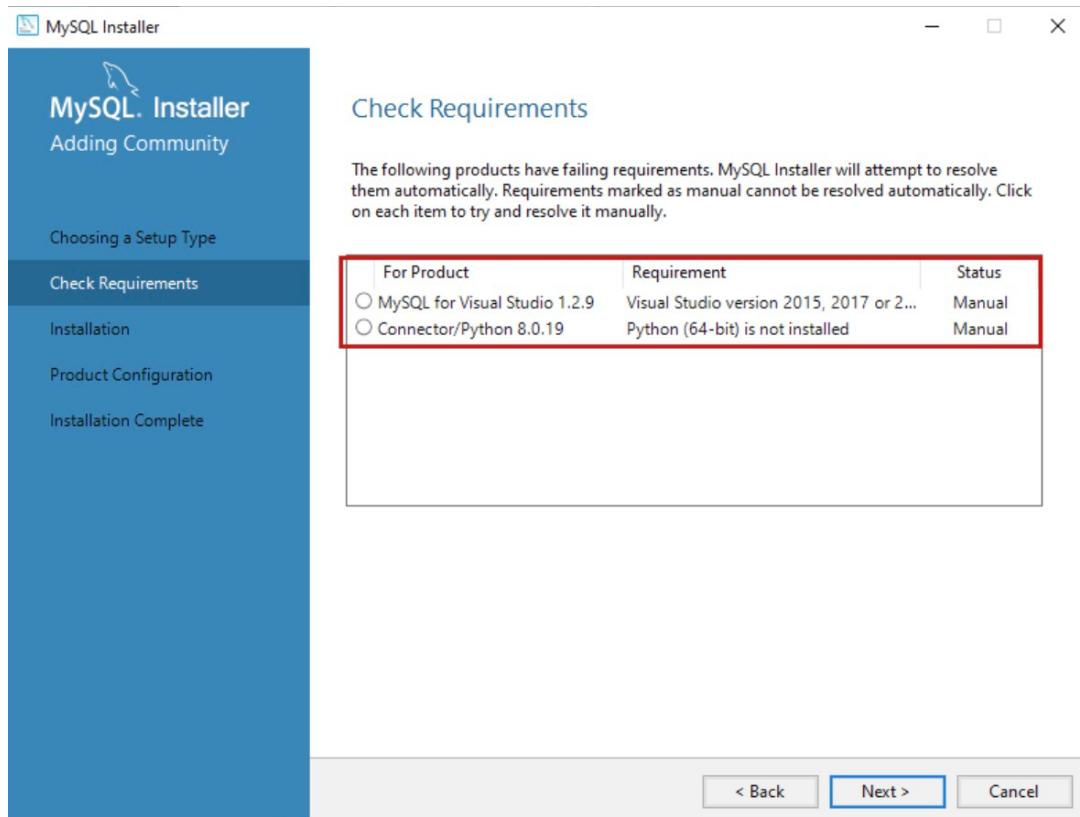
- a. **Developer default:** If you want to create a development machine, you can use this option. It installs the components which are required for application development, e.g., MySQL Server, MySQL Shell, MySQL connectors, MySQL.
- b. **Server Only:** If you want to create a standalone database server with specific components, you can use this option
- c. **Full:** If you want to install MySQL Server with its all components, then you can use this option
- d. **Custom:** If your requirements are limited to the few components, you can use this option

Full will install all.

Or

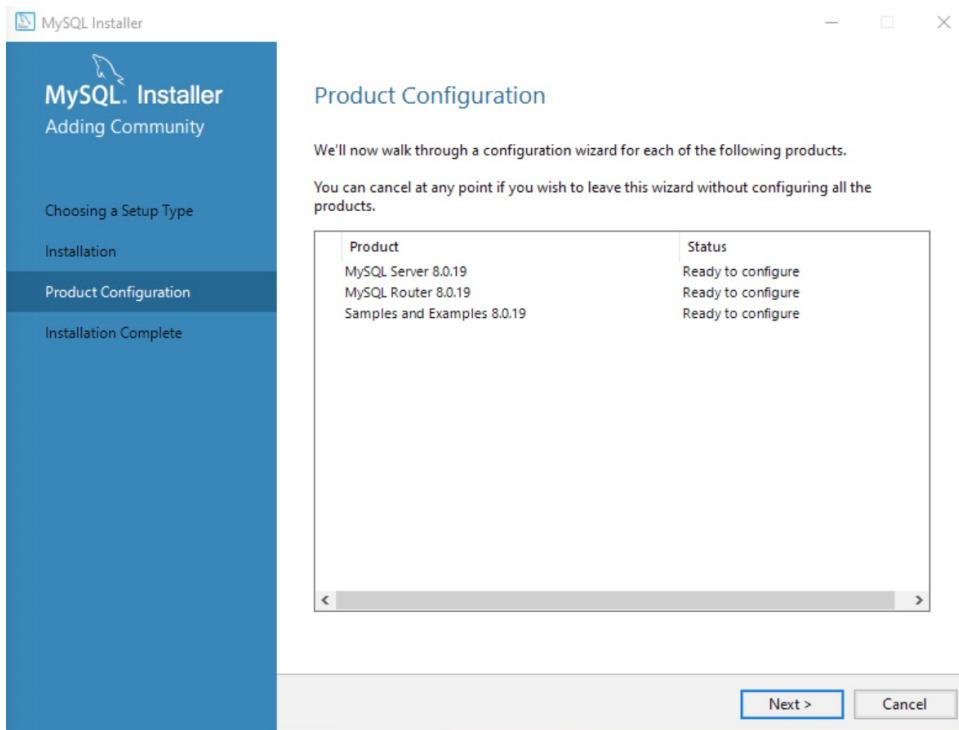
Custom and then add Server, Shell, Workbench (at least install these three, Saving memory, enough for this class)

3. Check Requirements (may or may not)

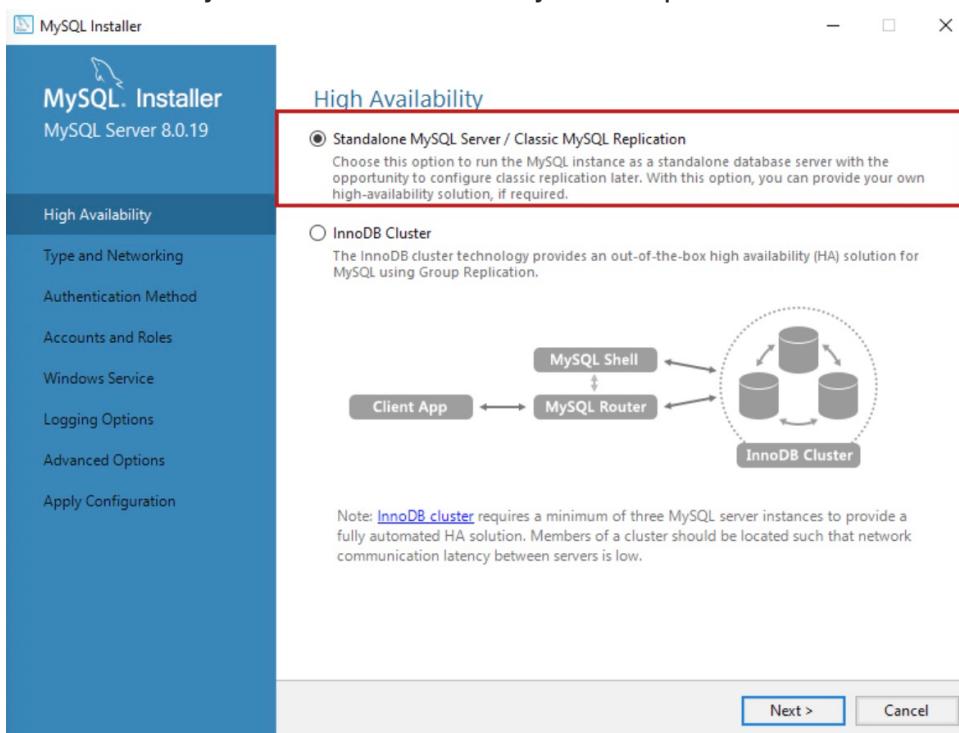


Ignore the warning, Just Next > Yes > Execute

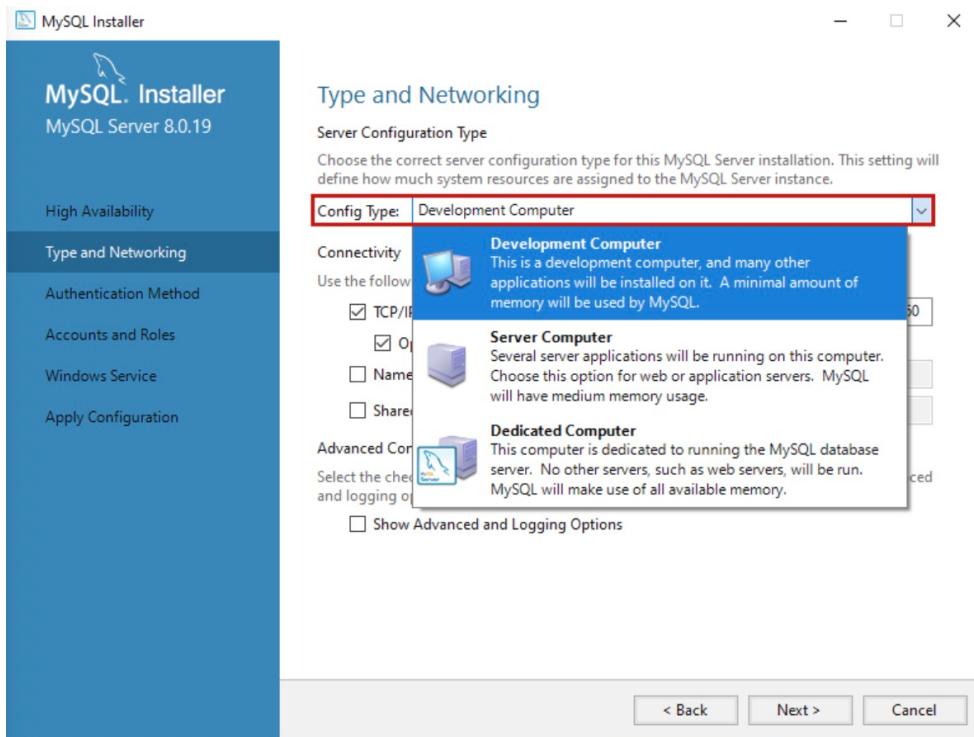
4. Product Configuration (Next>)



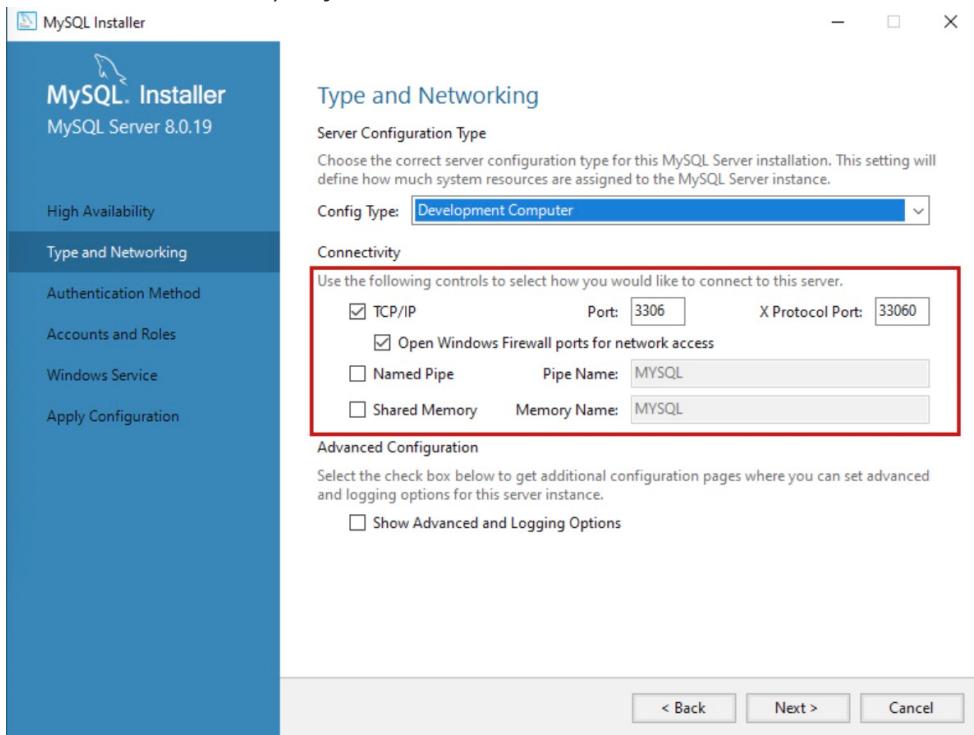
a. Standalone MySQL Server/Classic MySQL Replication



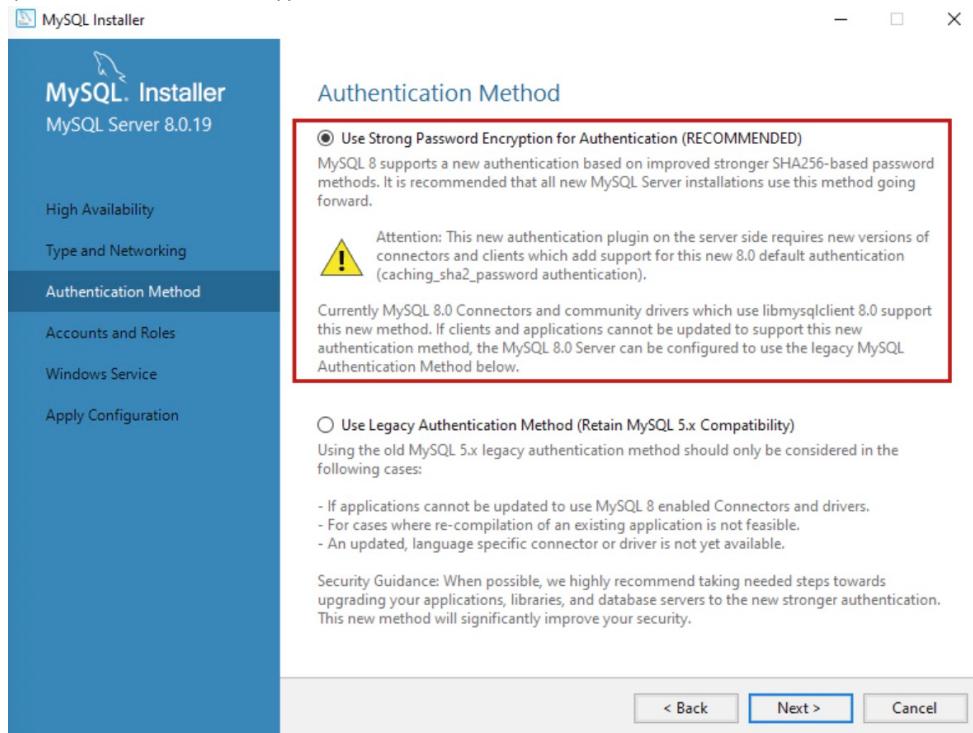
b. Development Computer



c. Network(TCP/IP, port 3306, X Protocol Port 33060, open Windows Firewall ports for network access) By Default



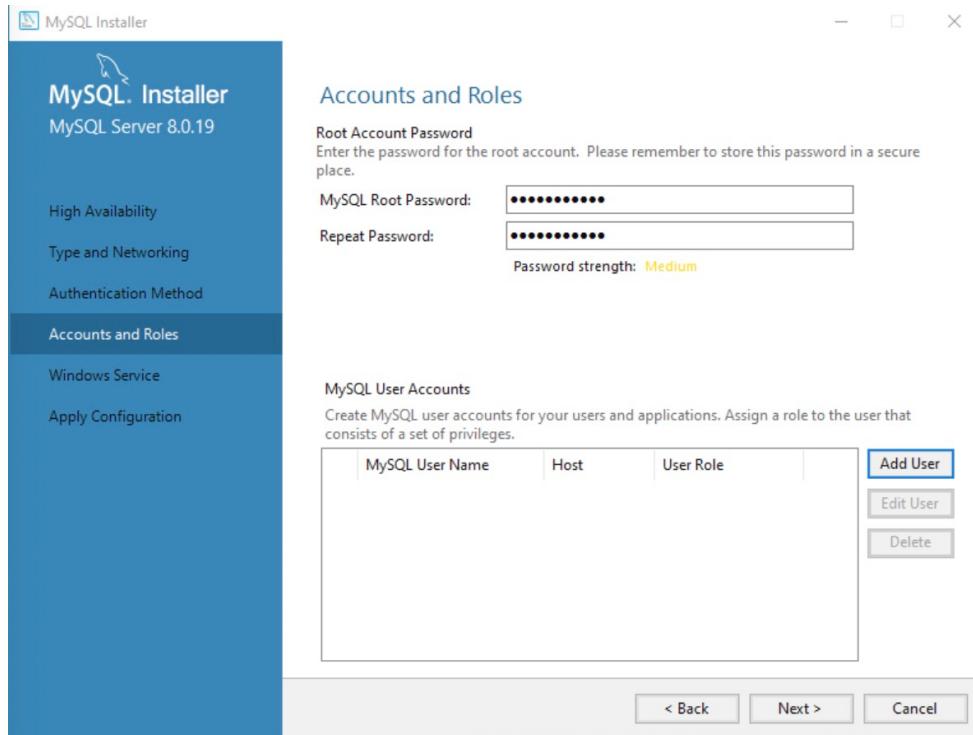
d. Authentication (Use Strong Password Encryption for Authentication (RECOMMENDED))



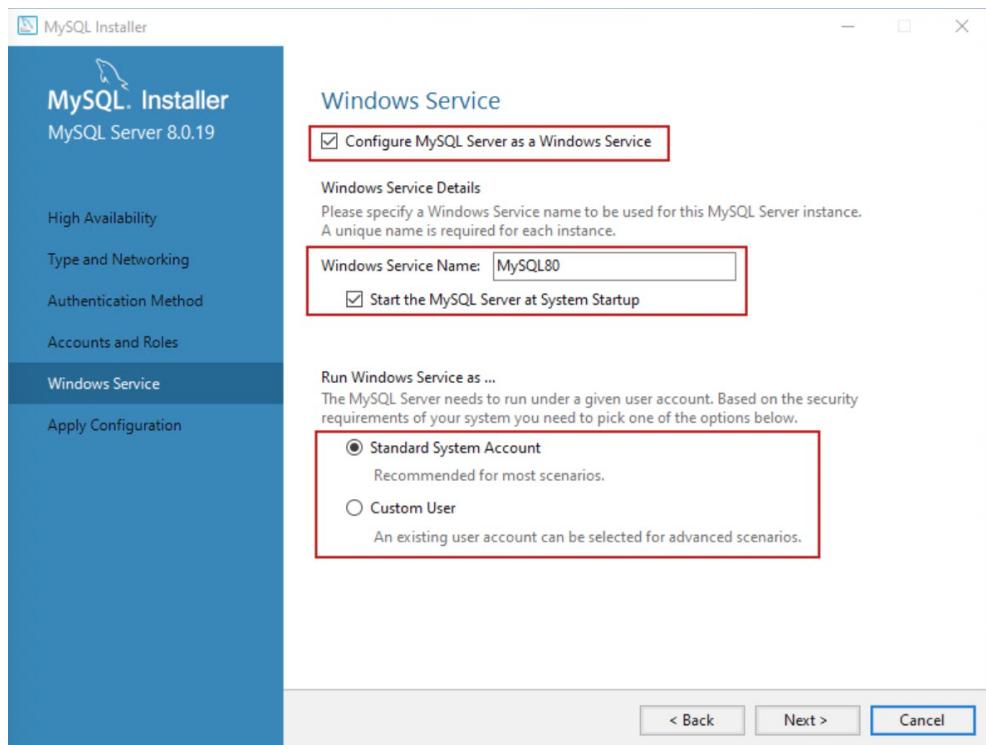
e. Accounts and Roles

Specify the MySQL root account Password

!!!Remember it, you will always use it to open MySQL server

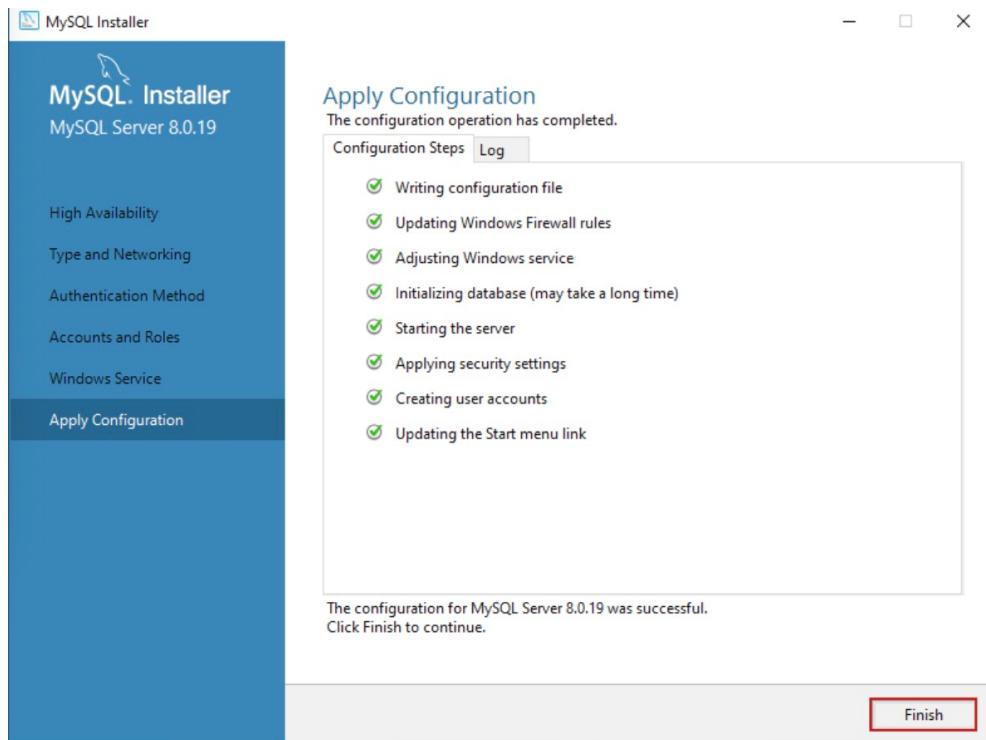


f. Windows Service



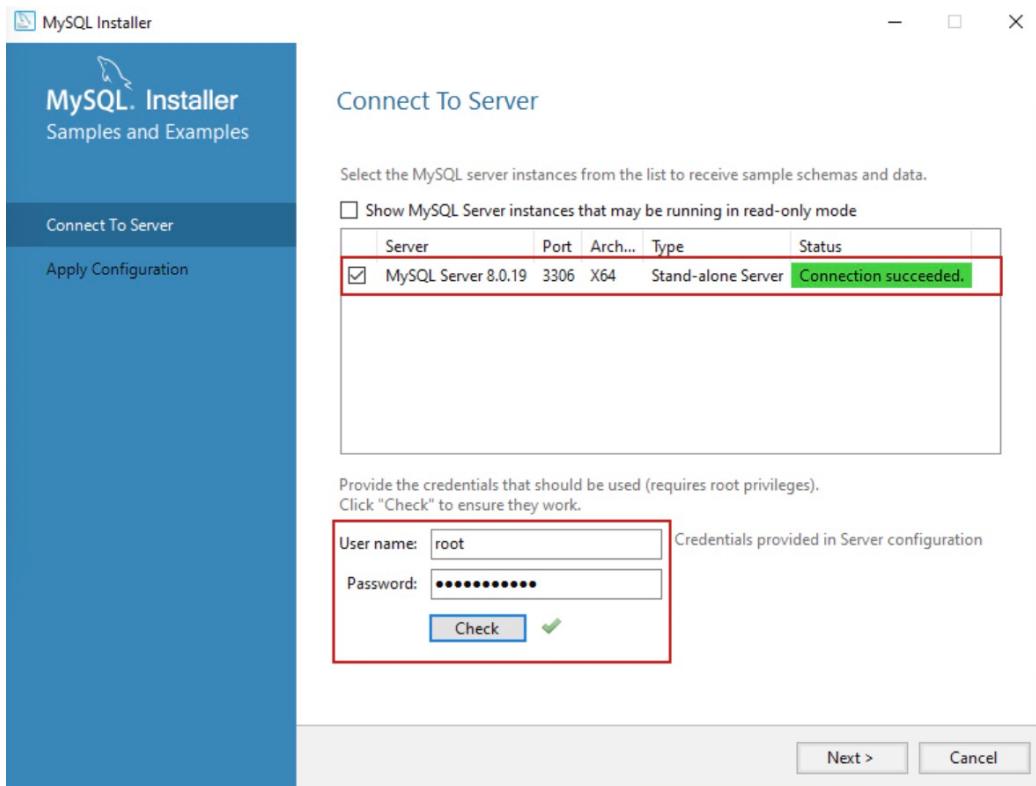
You can close the “Start the MySQL Server at System Startup” if you want
But you need to open it every time you want to use MySQL

g. Execute for all

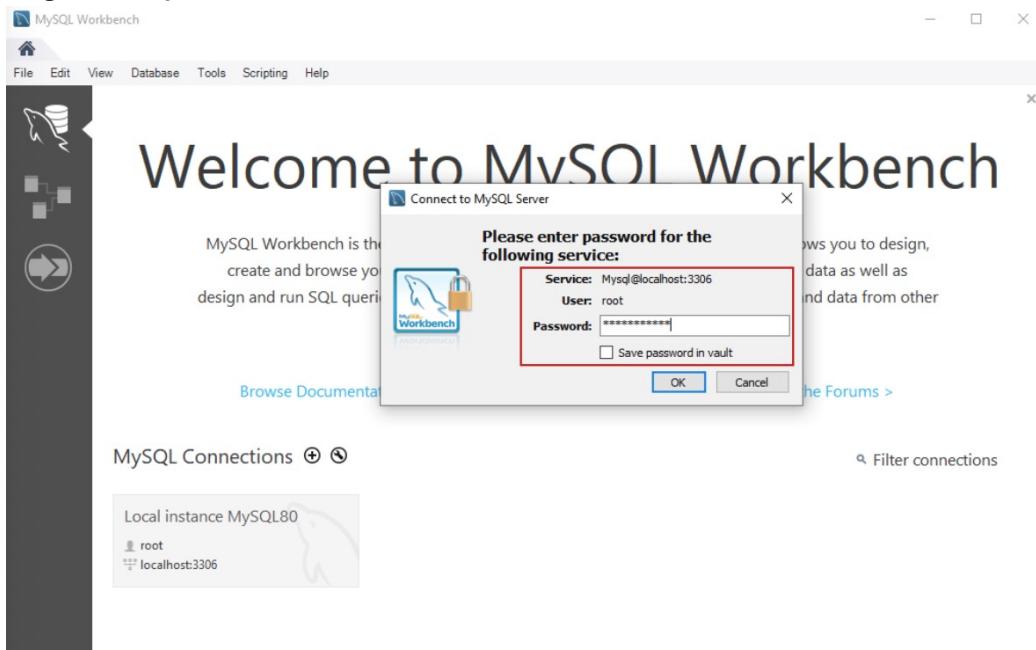


h. (Optional) Install sample database

Under the Full Setup Type, you will also install the sample database. Provide username and password of the user that has root/sysadmin privileges and click on Check.

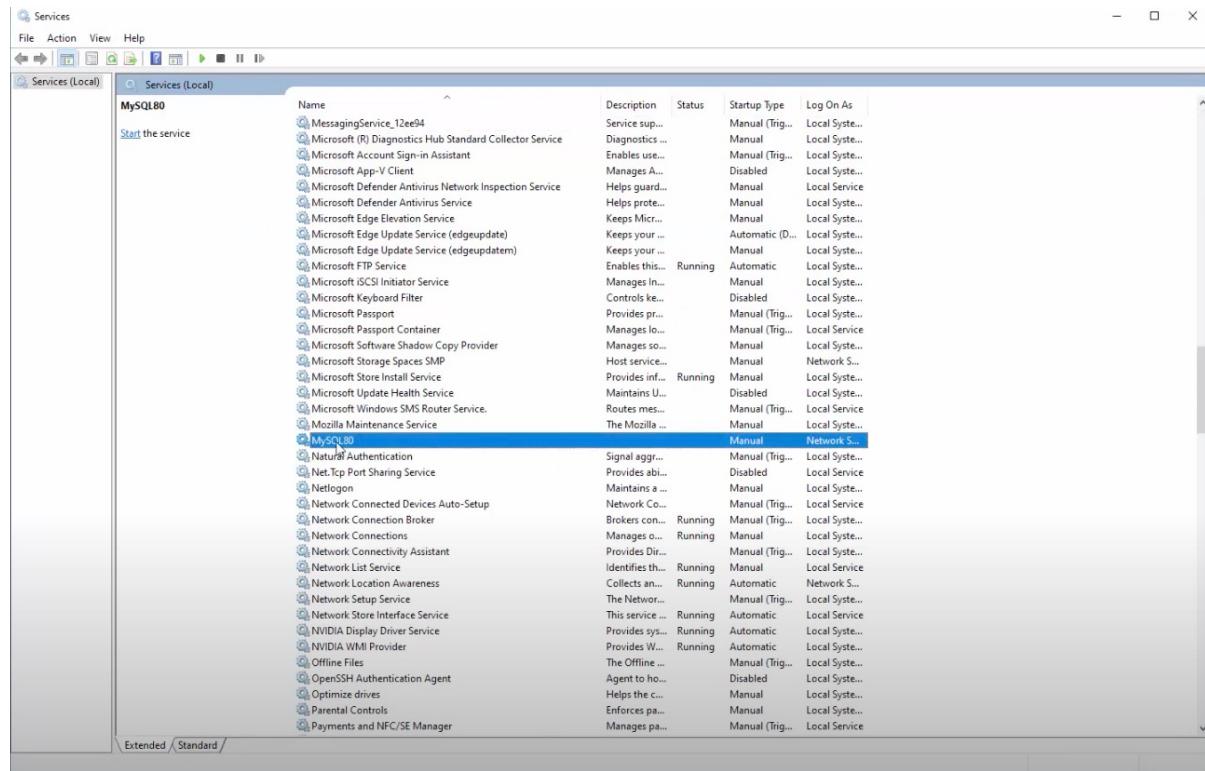


- i. “Start MySQL workbench after Setup” and “Start MySQL Shell after Setup” and click on Finish.
- j. Log in to MySQL Workbench



3. Start/Shutdown MySQL Server

a. Search “Services” in Windows search bar, and Press ‘m’.



Double click -> Start/Stop

You could change the Startup type after double click: Automatic(Delayed Start) means when you startup the computer, after the whole system is ready, this server will be startup automatically. Or Manual, you can start it up when you need to use this one.

b. Command Prompt

Went to This PC> Local C> Program files> MySQL > MySQL Server > bin (maybe slightly different, but the main idea is to find the bin file of MySQL Server)

Copy this distination

Open Command Prompt (by searching in the windows searching bar)>

Write down:

C:\Users\ a name> cd C:\Program files\MySQL\MySQL Server 8.0\bin
(the distination you copy above)

C:\Program files\MySQL\MySQL Server 8.0\bin > mysql -u root -p

it will ask you to enter the password.

For shutdown.

In the same command write down

mysql>Shutdown;

Credits given to Professor Jason Williamson. If you would like to use this installation guide, email him at jpw4ma@virginia.edu to request permission