

MySQL and MySQL Workbench Installation for Windows

(BYU Idaho Version)

Mat Miles, September 2018

Installing MySQL Workbench

Go to <https://www.mysql.com/products/workbench/> and download XAMPP for Windows. Scroll down then click on the “Go to Download Paged” button.

Generally Available (GA) Releases

MySQL Workbench 8.0.12

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 >](#)

Other Downloads:

Windows (x86, 64-bit), MSI Installer (mysql-workbench-community-8.0.12-winx64.msi)	8.0.12	32.4M	Download
MD5: 6403b30aa3d2142216880495b60dfa16 Signature			

Scroll down and click on the “Download” button for the web community edition.

Generally Available (GA) Releases

MySQL Installer 8.0.12

Select Operating System:
Microsoft Windows

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.12.0.msi)	8.0.12	15.9M	Download
MD5: 387bd57f0fb07e3880d10f0c21b81686 Signature			
Windows (x86, 64-bit), MSI Installer (mysql-installer-community-8.0.12.0.msi)	8.0.12	273.4M	Download
MD5: 53b3a9bb89db061862969b67c68b6f67 Signature			

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

You are not required to create an Oracle account in order to proceed with the download. Simply click on “No thanks, just start my download.”

Begin Your Download

mysql-installer-web-community-8.0.12.0.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

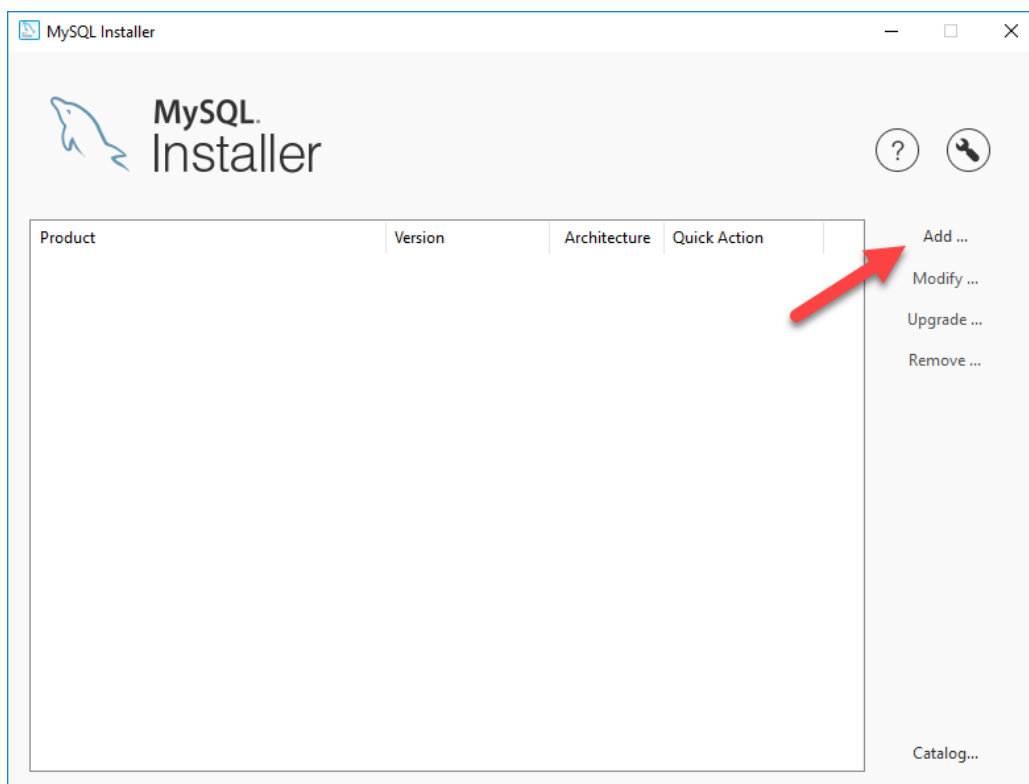
Login »
using my Oracle Web account

Sign Up »
for an Oracle Web account

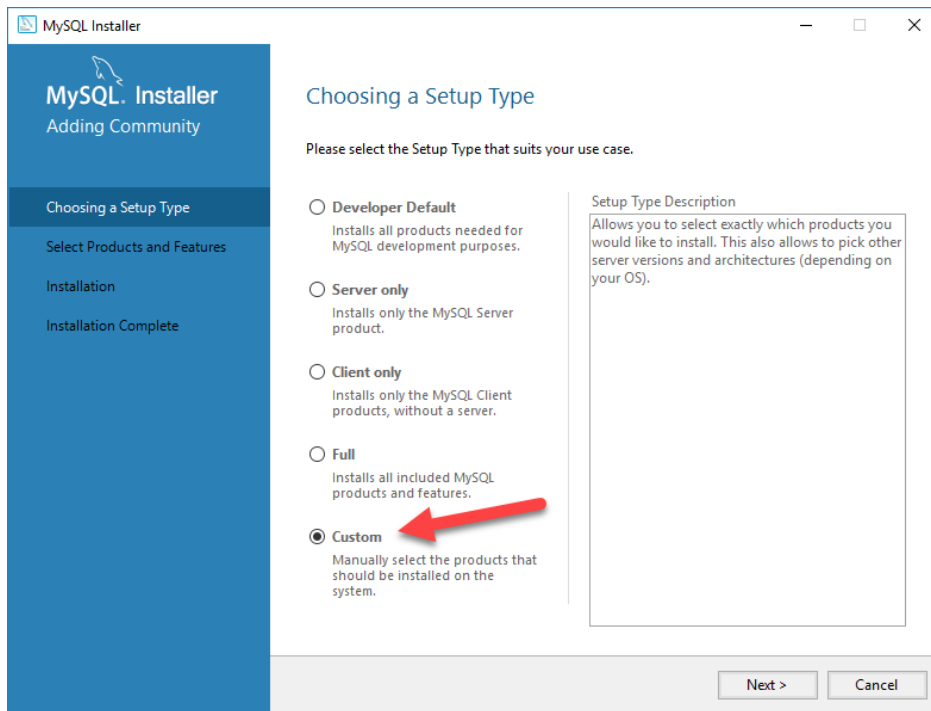
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can sign up for a free account by clicking the Sign Up link and following the instructions.

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

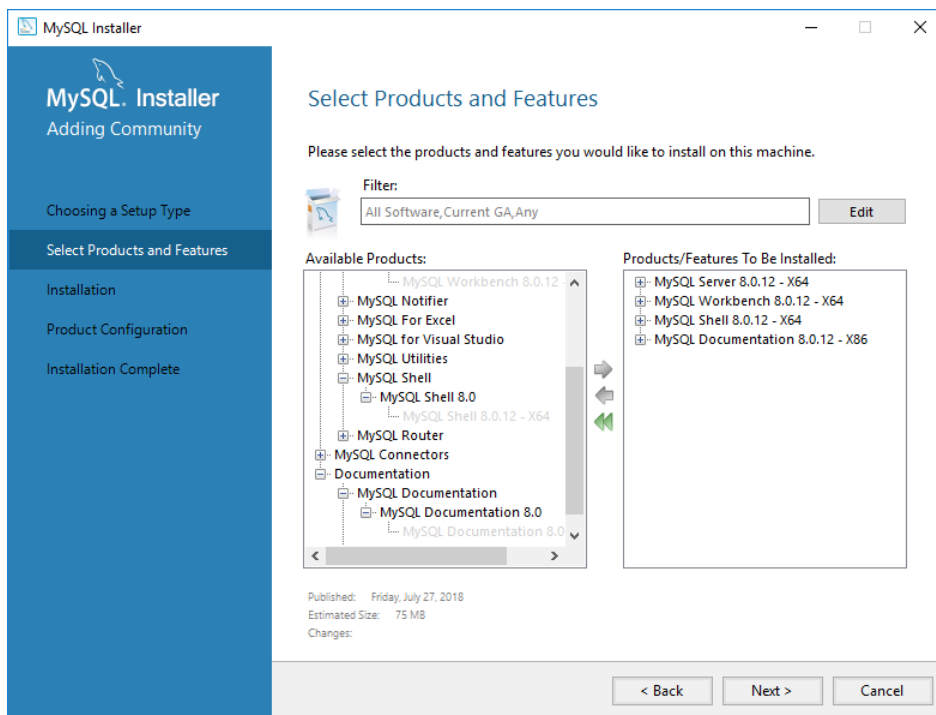
After you have saved the installation file to your local machine, double click on the MSI package. If you have never installed MySQL Workbench before, click the “Add” button.



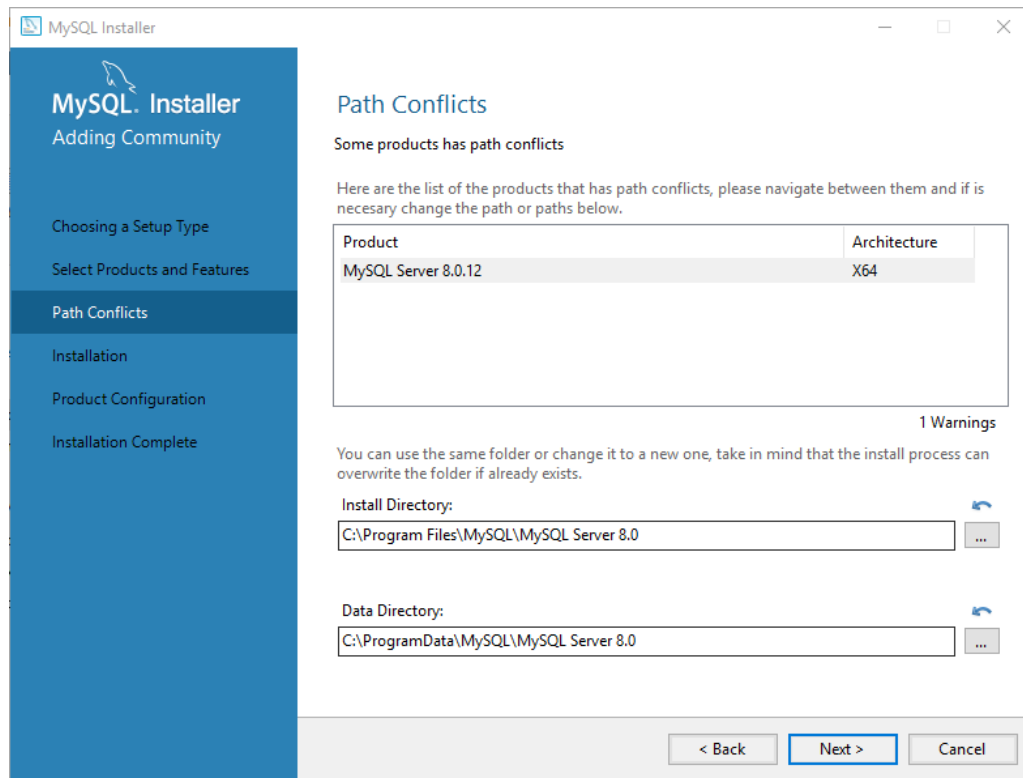
Now select the “Custom” radio button and click next.



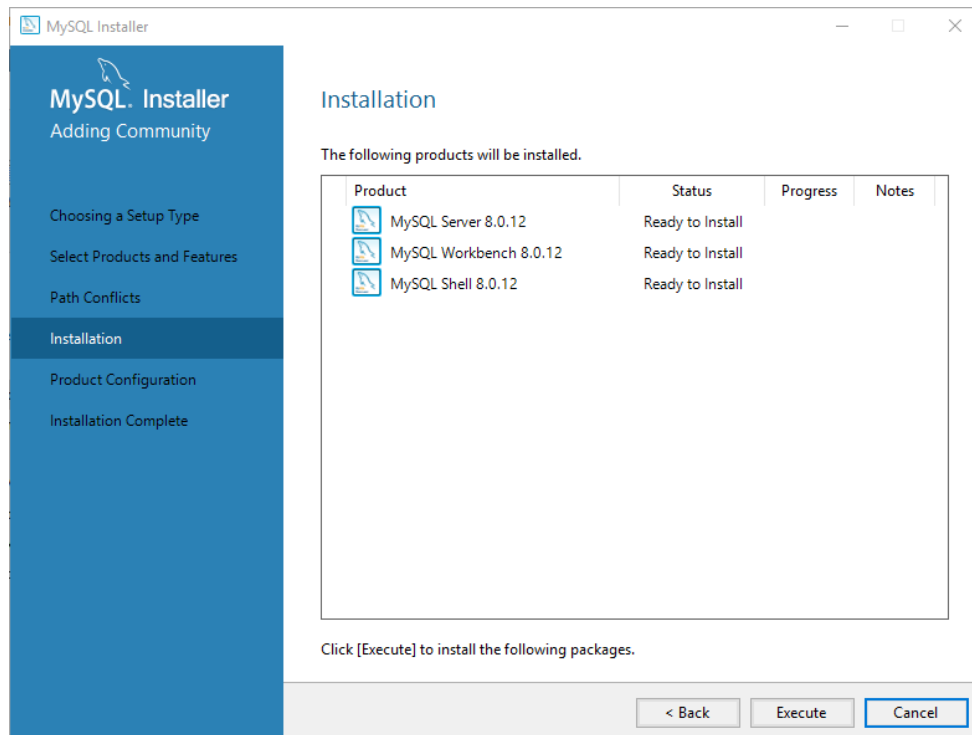
Select MySQL, MySQL Workbench, MySQL Documentation and MySQL Shell for installation and click next.



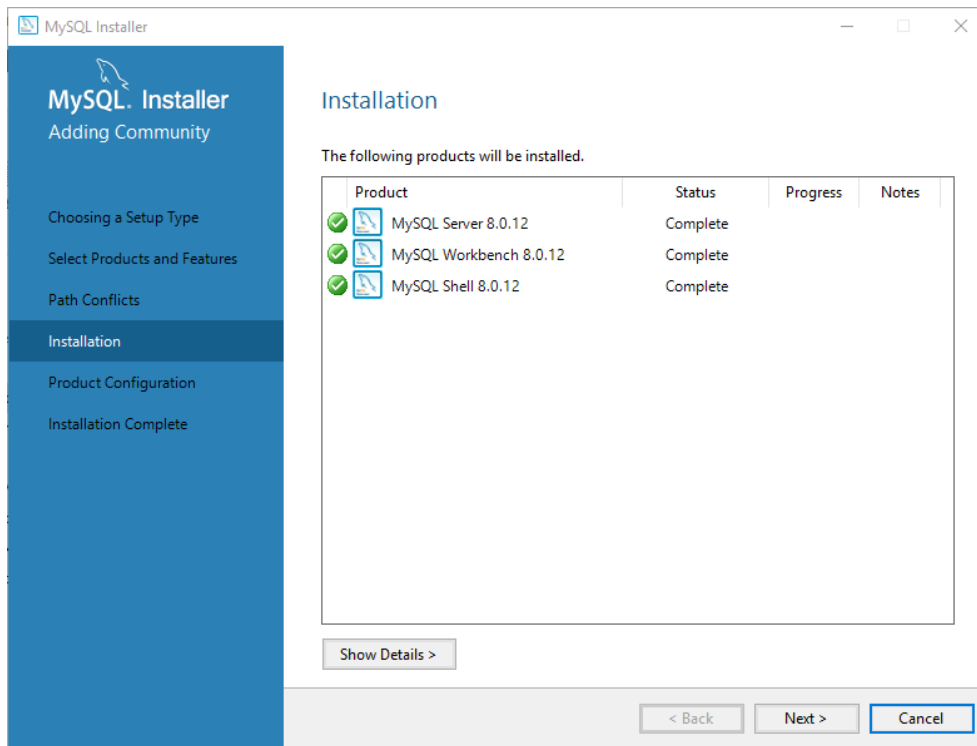
Now click “Next”



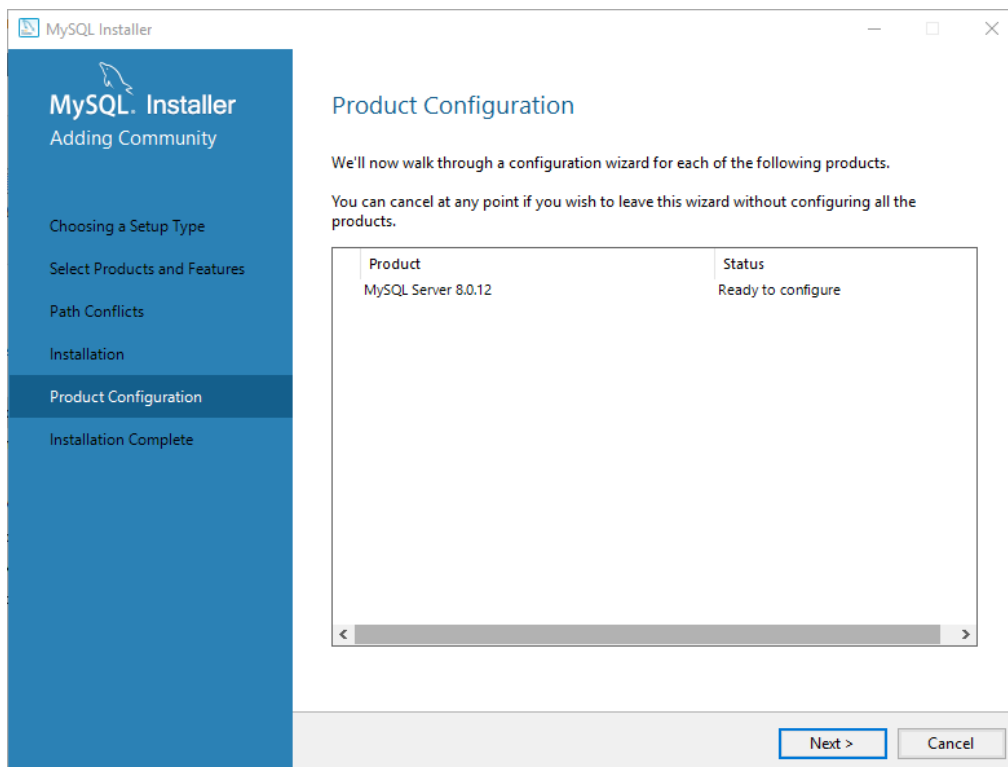
Click “Execute”



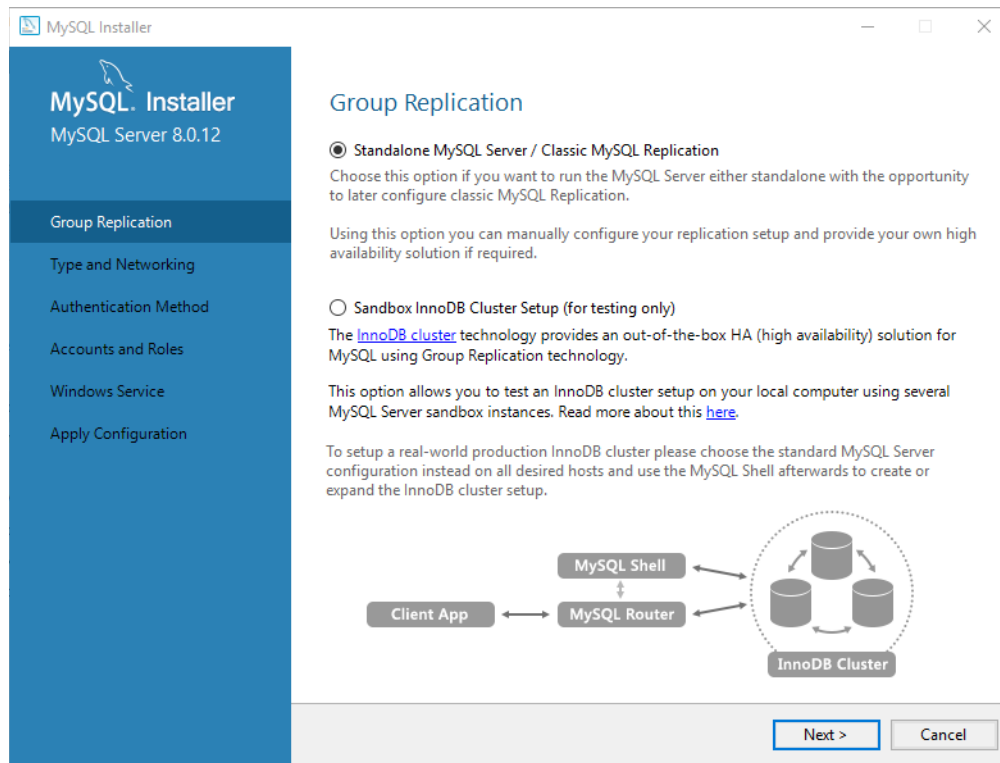
Click “Next”



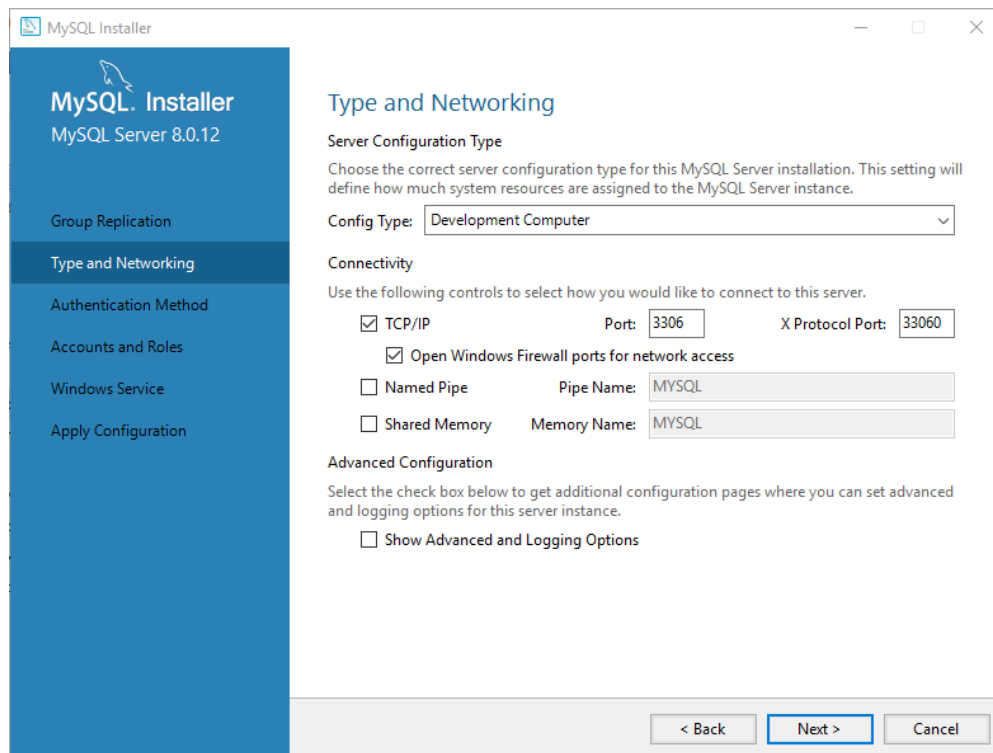
Click “Next” to configure MySQL server.



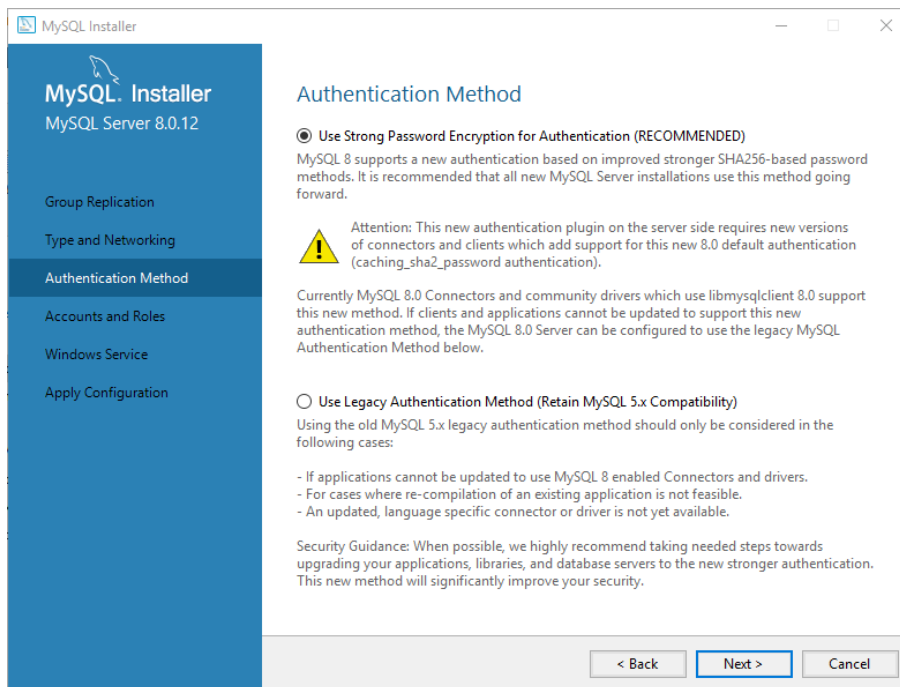
Accept the default “Standalone MySQL Server / Classic MySQL Replication” and click “Next.”



Accept the defaults and click “Next.”



Accept the default “Strong Password Encryption” and click “Next.”




The screenshot shows the 'Authentication Method' screen of the MySQL Installer. The left sidebar has 'Authentication Method' selected. The main area shows two options: 'Use Strong Password Encryption for Authentication (RECOMMENDED)' which is selected with a radio button, and 'Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)' which is unselected. The recommended option includes a warning icon and text explaining that MySQL 8 supports a new authentication method based on improved stronger SHA256-based password methods. It also mentions that this method requires new versions of connectors and clients. The legacy option includes a list of cases where it might be used: if applications cannot be updated, for re-compilation of existing applications, or if an updated connector is not available. At the bottom, there are buttons for '< Back', 'Next >', and 'Cancel'.

MySQL Installer
MySQL Server 8.0.12

Group Replication
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration

Authentication Method

☒ **Use Strong Password Encryption for Authentication (RECOMMENDED)**
MySQL 8 supports a new authentication based on improved stronger SHA256-based password methods. It is recommended that all new MySQL Server installations use this method going forward.

 Attention: This new authentication plugin on the server side requires new versions of connectors and clients which add support for this new 8.0 default authentication (caching_sha2_password authentication).

Currently MySQL 8.0 Connectors and community drivers which use libmysqlclient 8.0 support this new method. If clients and applications cannot be updated to support this new authentication method, the MySQL 8.0 Server can be configured to use the legacy MySQL Authentication Method below.

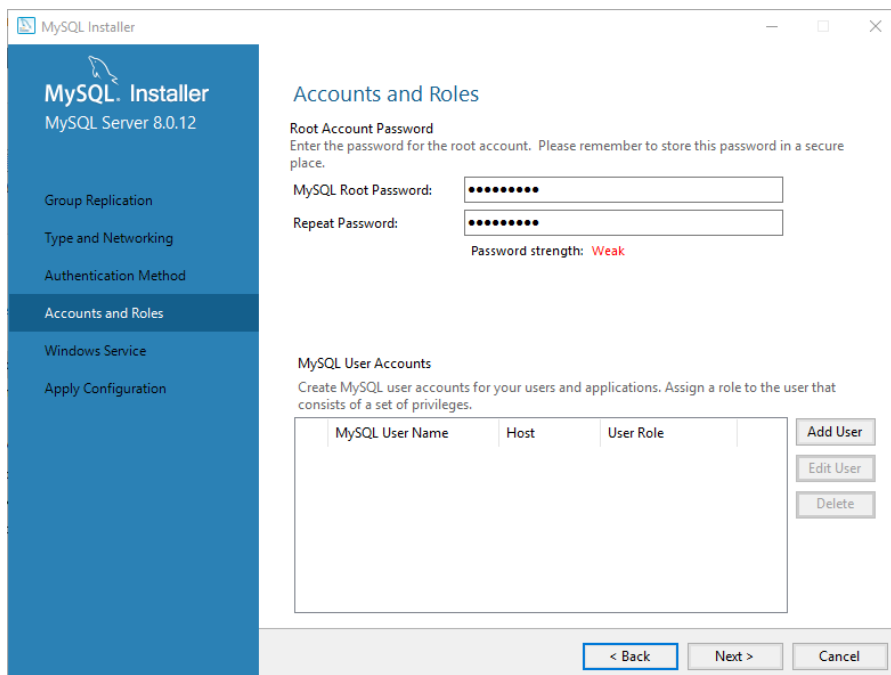
☐ **Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)**
Using the old MySQL 5.x legacy authentication method should only be considered in the following cases:

- If applications cannot be updated to use MySQL 8 enabled Connectors and drivers.
- For cases where re-compilation of an existing application is not feasible.
- An updated, language specific connector or driver is not yet available.

Security Guidance: When possible, we highly recommend taking needed steps towards upgrading your applications, libraries, and database servers to the new stronger authentication. This new method will significantly improve your security.

< Back **Next >** Cancel

Create a password that is at least 8 characters long and click “Next.”



The screenshot shows the 'Accounts and Roles' screen of the MySQL Installer. The left sidebar has 'Accounts and Roles' selected. The main area is titled 'Accounts and Roles' and contains two sections. The first section, 'Root Account Password', asks the user to enter a password for the root account and provides two input fields: 'MySQL Root Password:' and 'Repeat Password:'. Below these fields, it shows 'Password strength: Weak' in red text. The second section, 'MySQL User Accounts', instructs the user to create MySQL user accounts and assign roles. It features a table with columns 'MySQL User Name', 'Host', and 'User Role'. To the right of the table are buttons for 'Add User', 'Edit User', and 'Delete'. At the bottom, there are buttons for '< Back', 'Next >', and 'Cancel'.

MySQL Installer
MySQL Server 8.0.12

Group Replication
Type and Networking
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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**

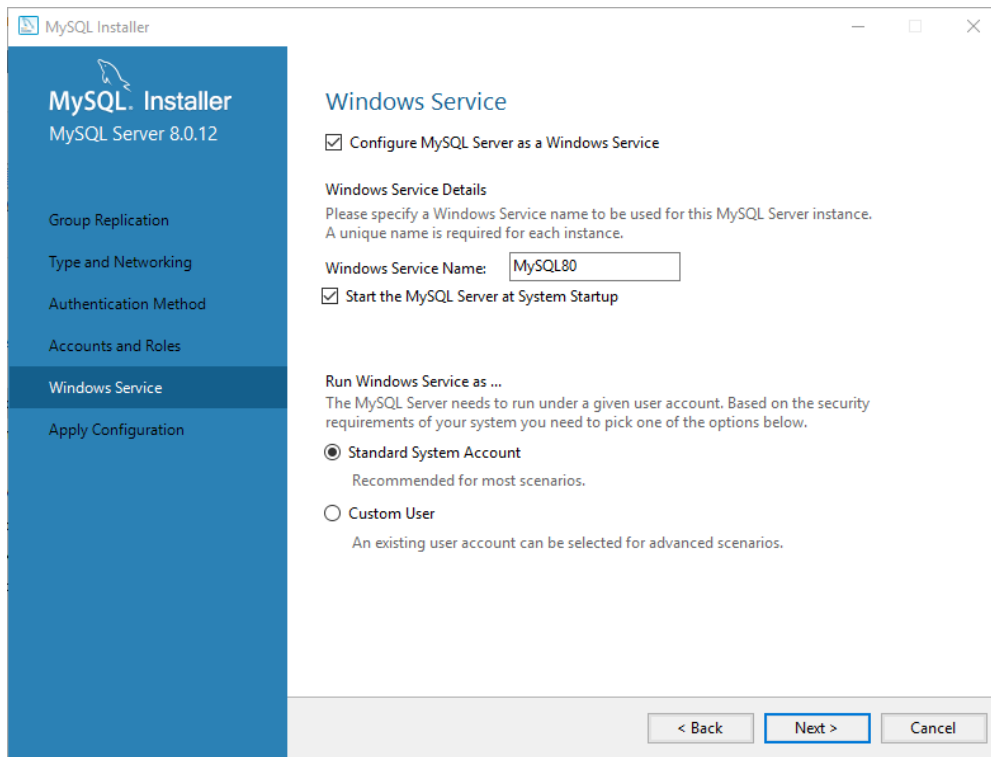
MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL User Name	Host	User Role
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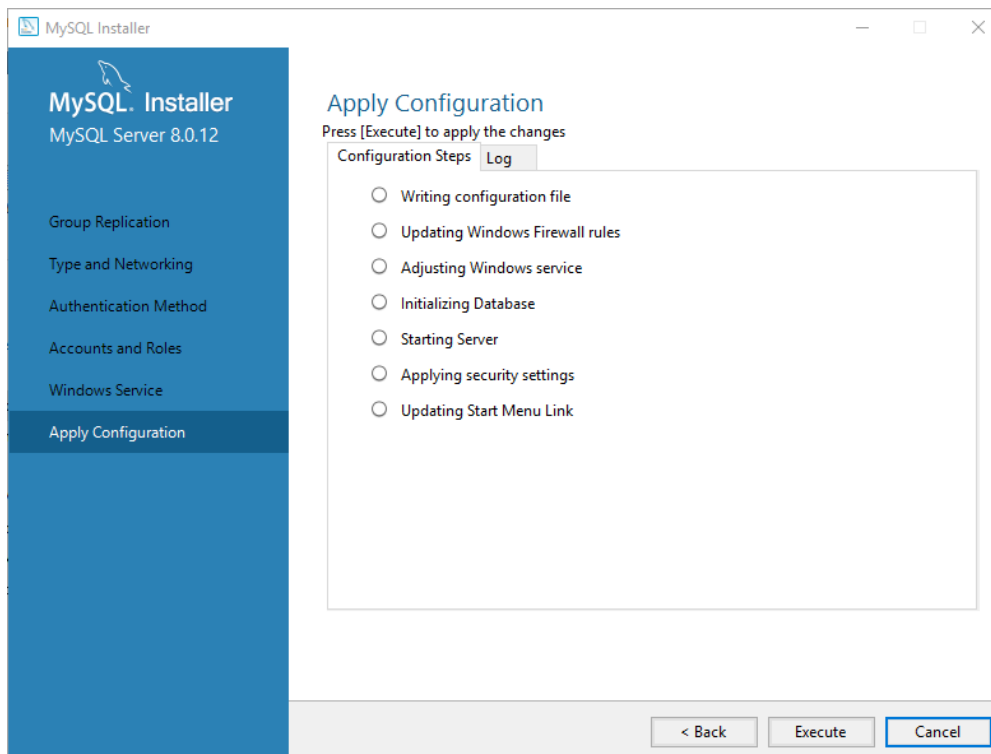
Add User
Edit User
Delete

< Back **Next >** Cancel

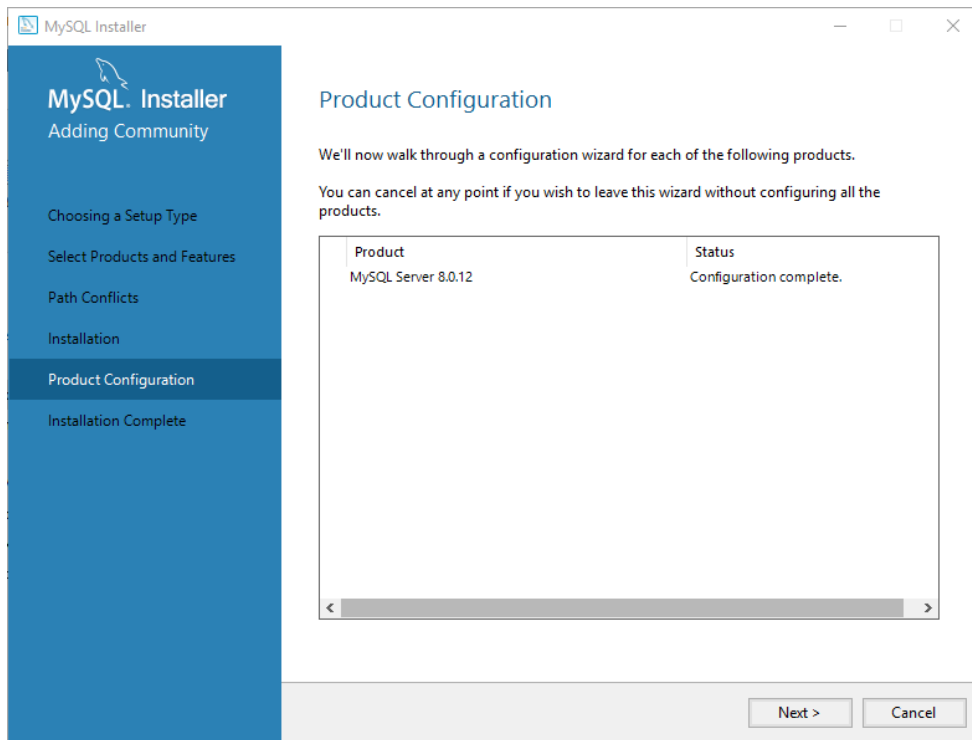
Accept all the defaults as shown below and click “Next.”



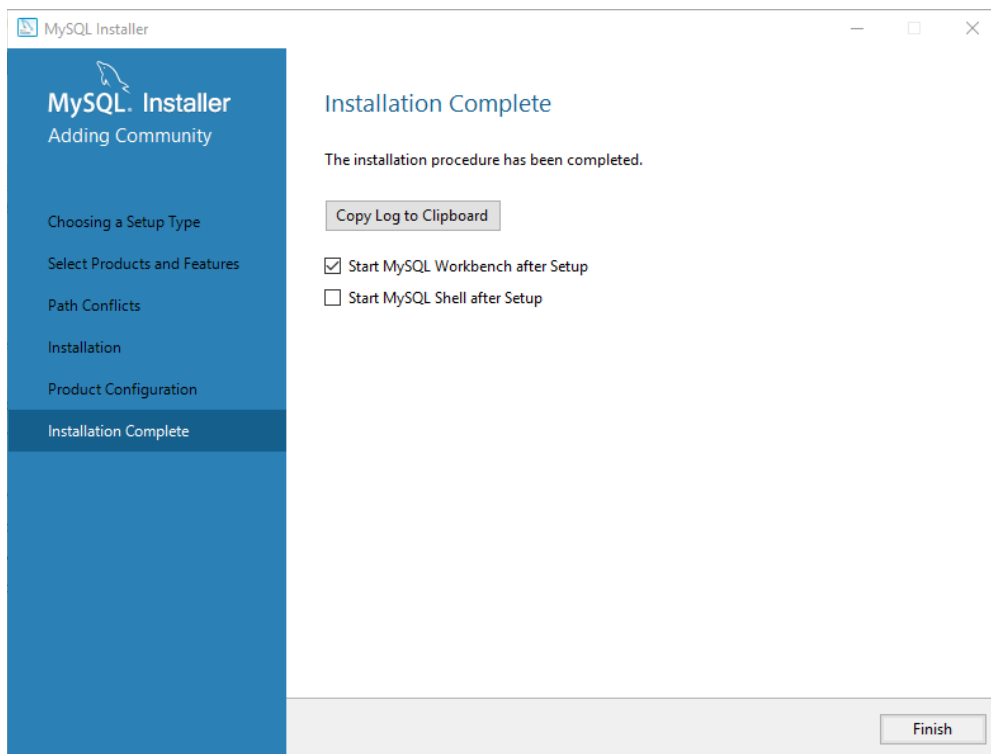
Click “Execute.”



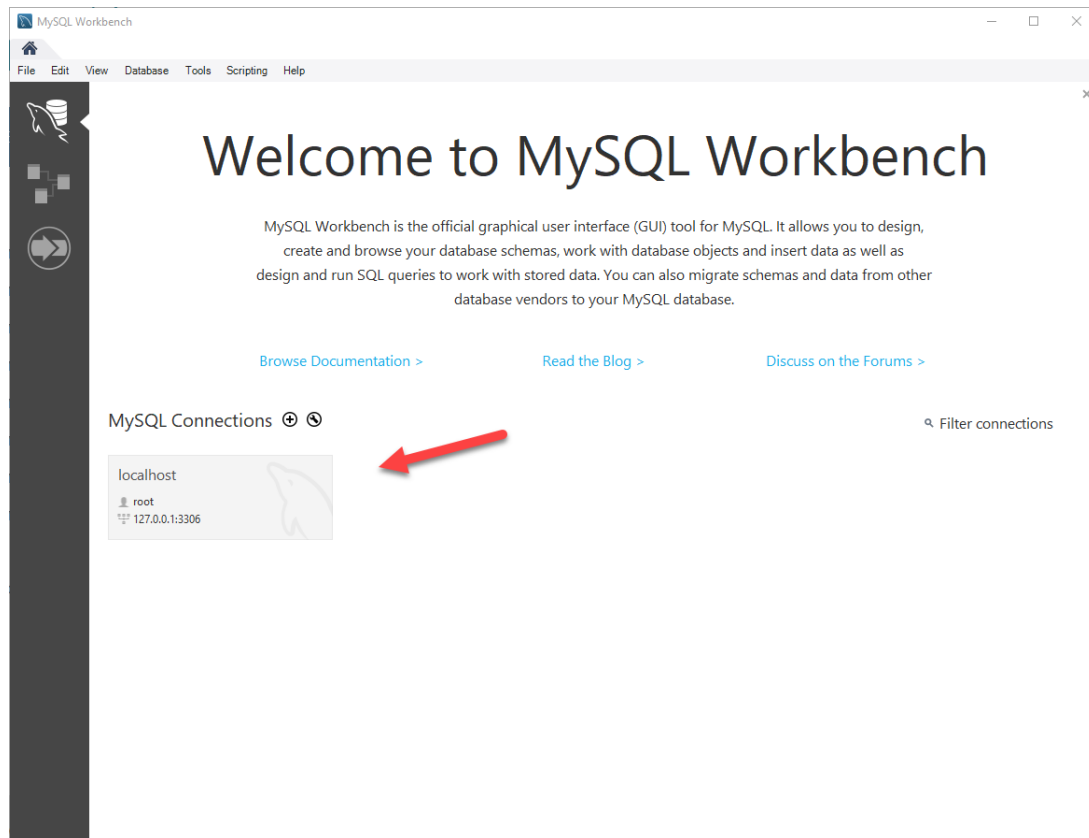
Click “Next.”



Click “Start MySQL Workbench after Setep” and click “Finish.”



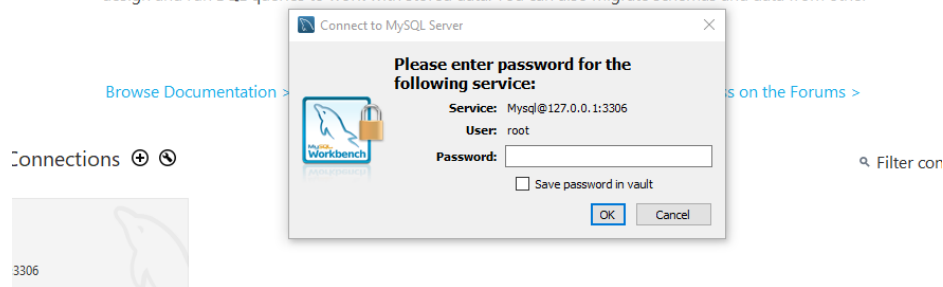
MySQL Workbench Welcome screen appears. Click on “localhost” button.



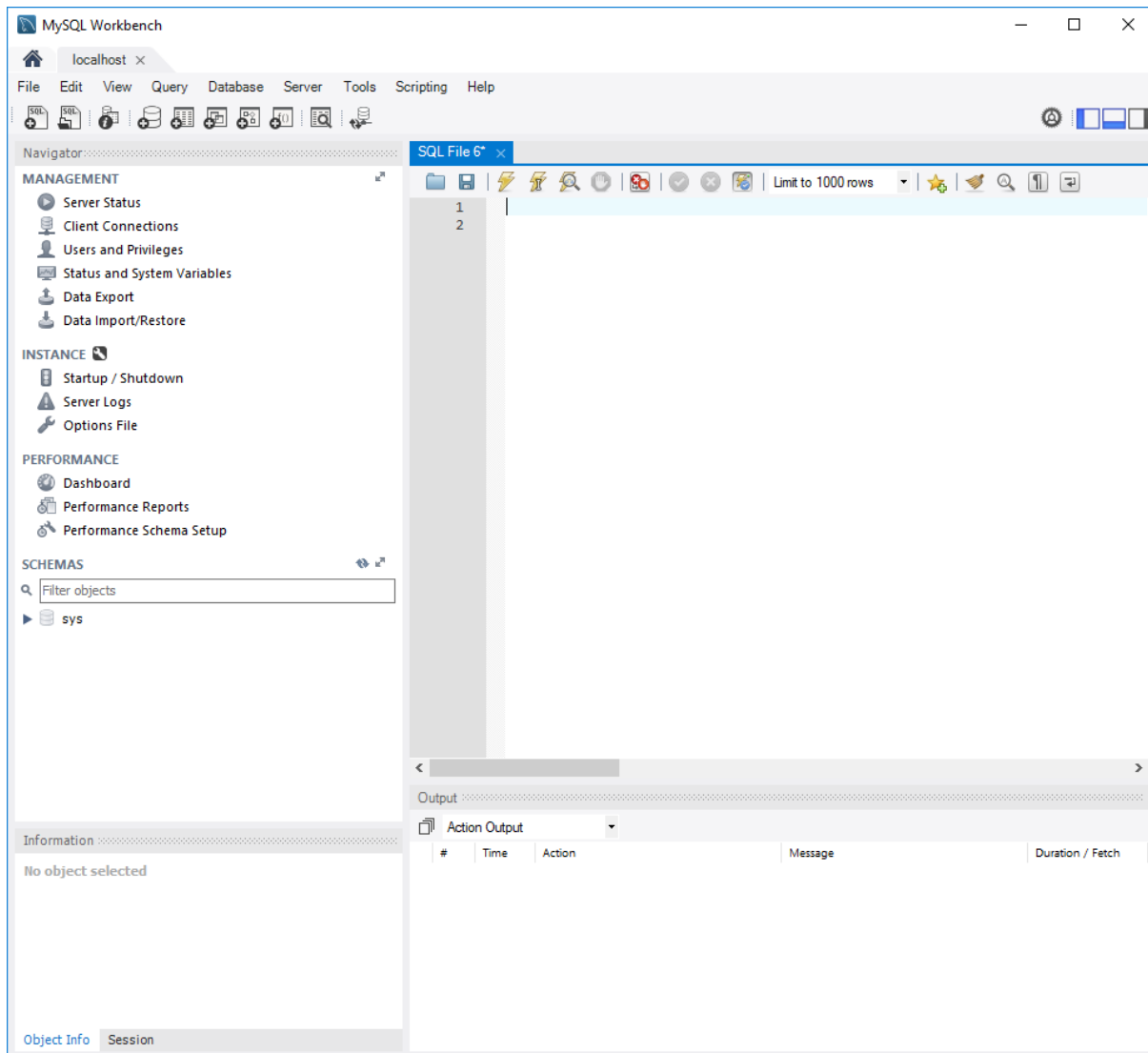
Enter the MySQL Server password you created earlier and click “OK.”

Welcome to MySQL Workbench

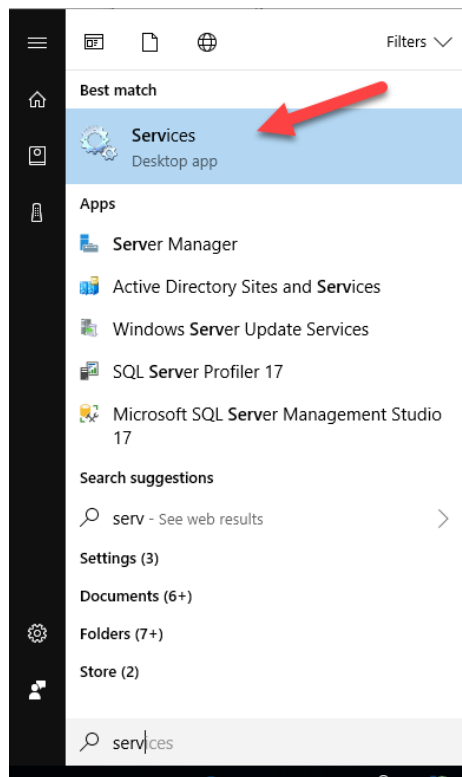
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other



The MySQL Workbench main screen will appear.



If you need to stop or start MySQL Server, you can access by type “Services” at the start menu to access the Services panel.



Then scroll down to find MySQL80. You can start or stop the service. Or change it to start automatically or manually.

