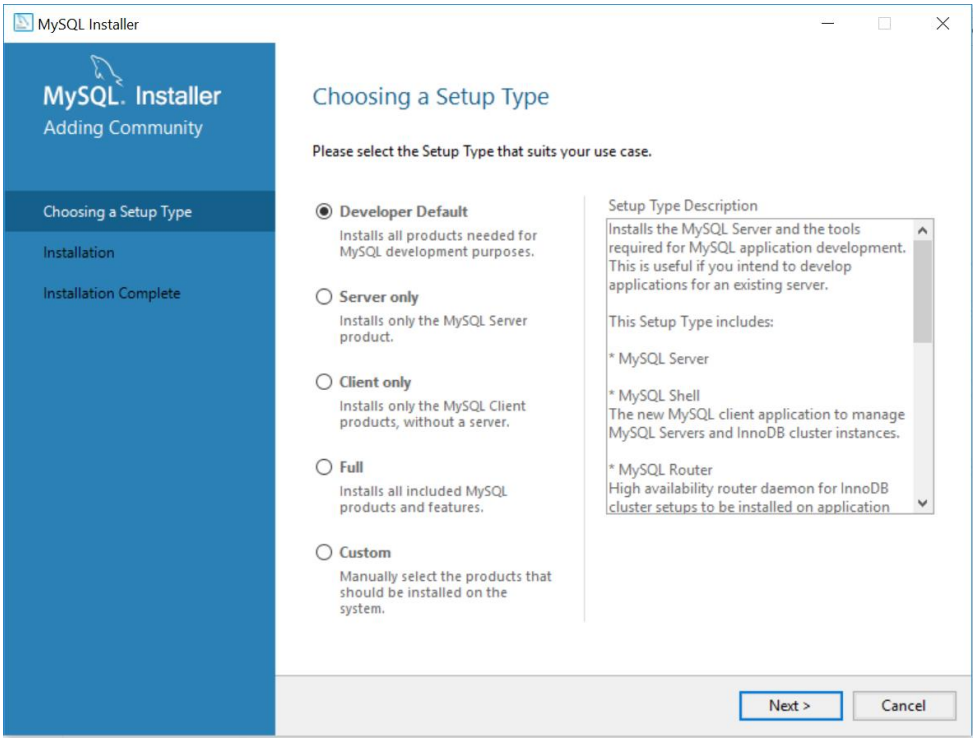
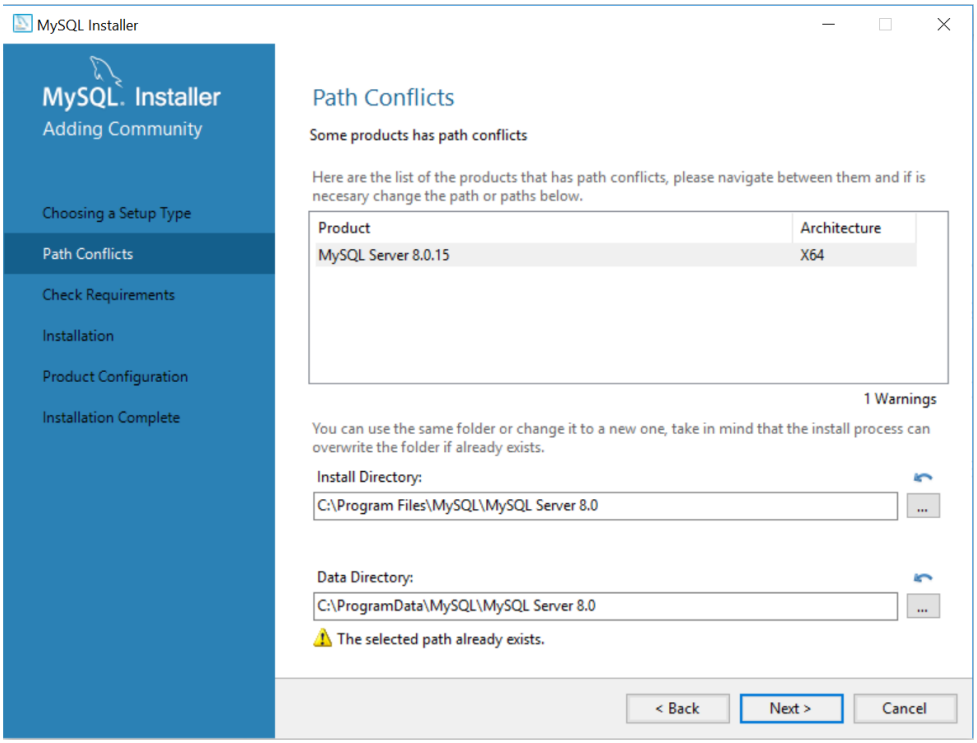
Steps for setting up local database:

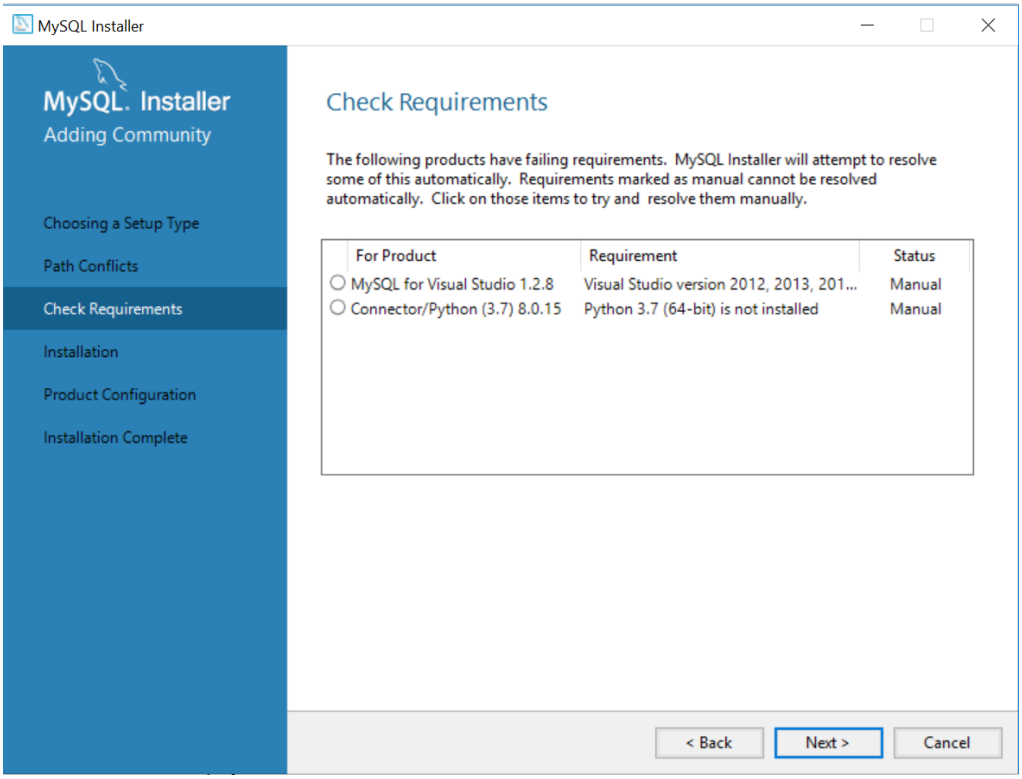
1. For Windows OS:
   Download MySQL Installer from https://dev.mysql.com/downloads/installer/ and execute it.
2. Select Developer Default as Setup Type.



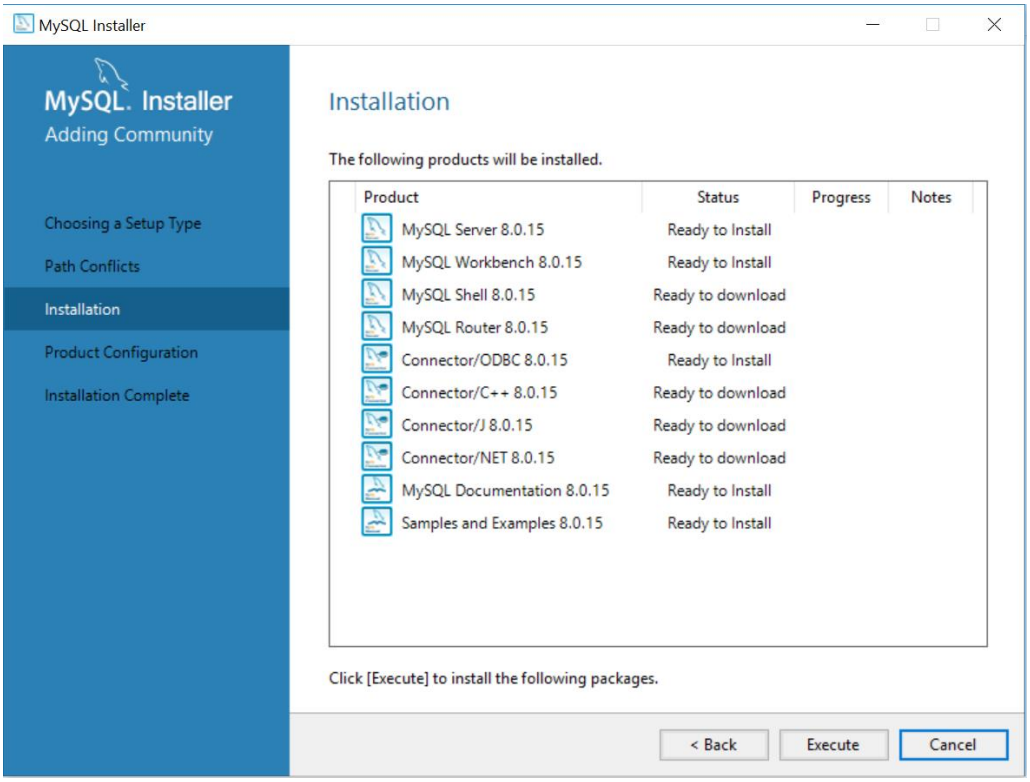
3. Select directory for installing and saving MySQL data files:



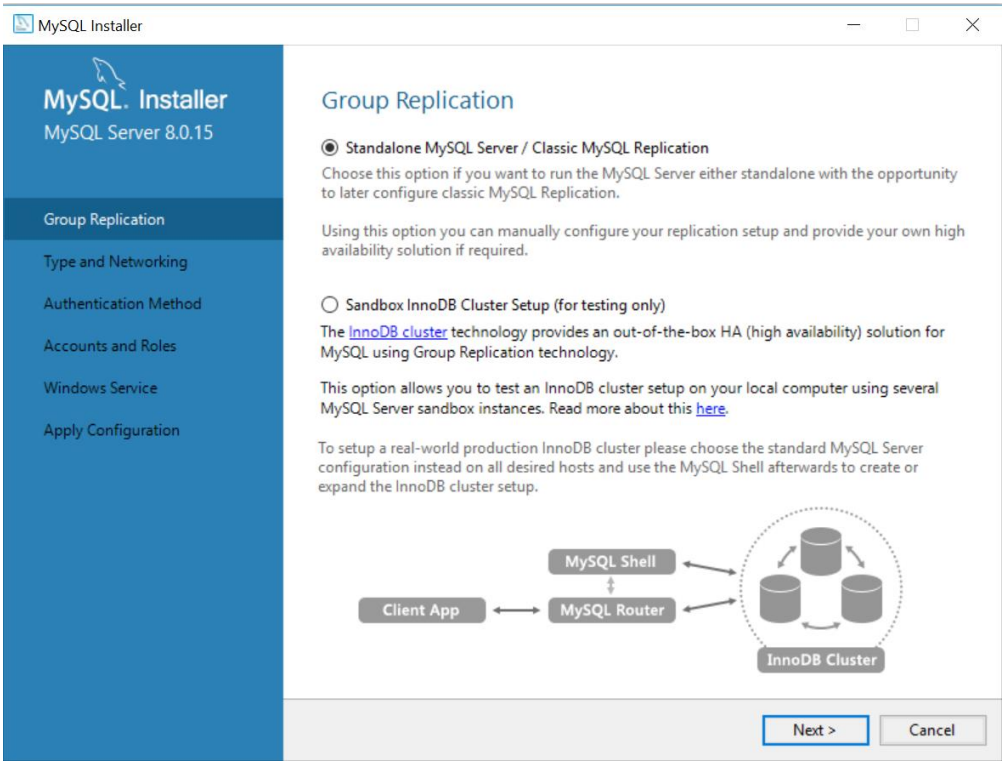
4. There should be no failing requirements except the ones which require manual installation:



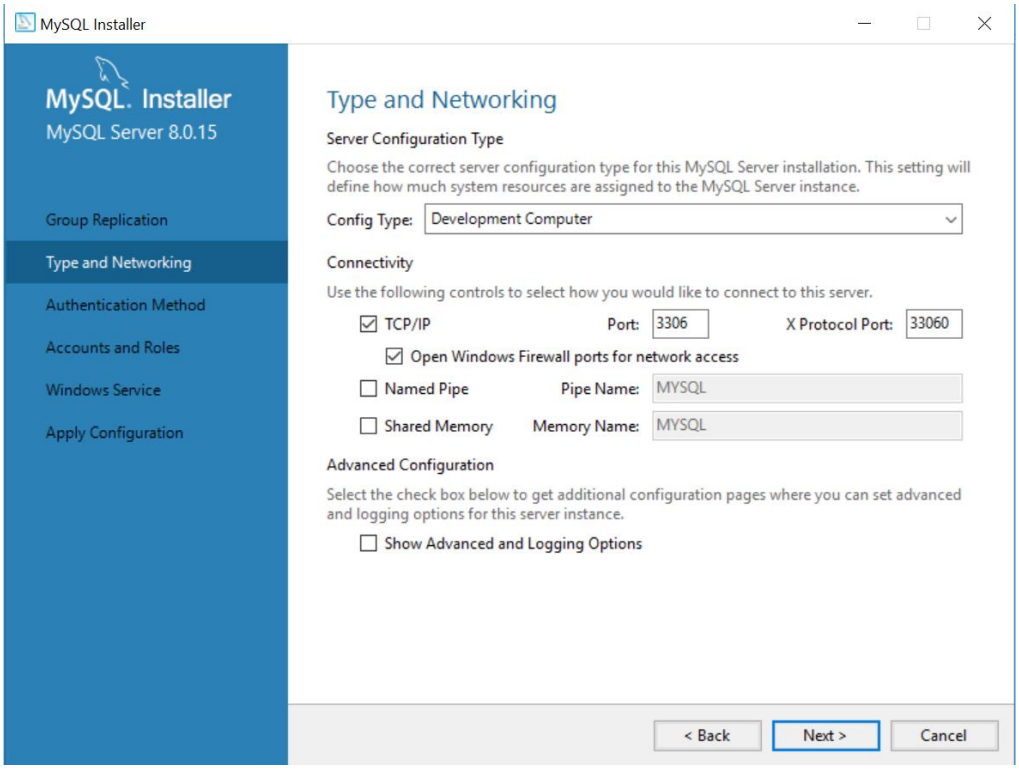
5. Make sure the following components are installed:



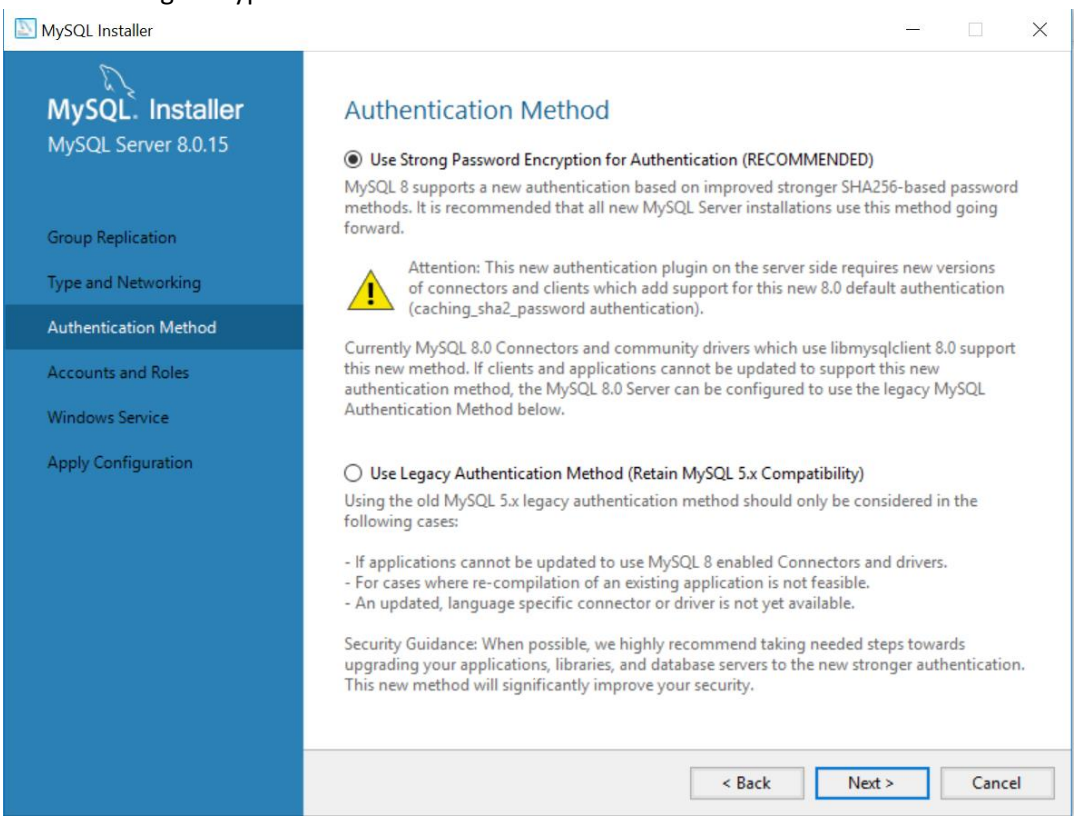
6. Select Standalone MySQLServer



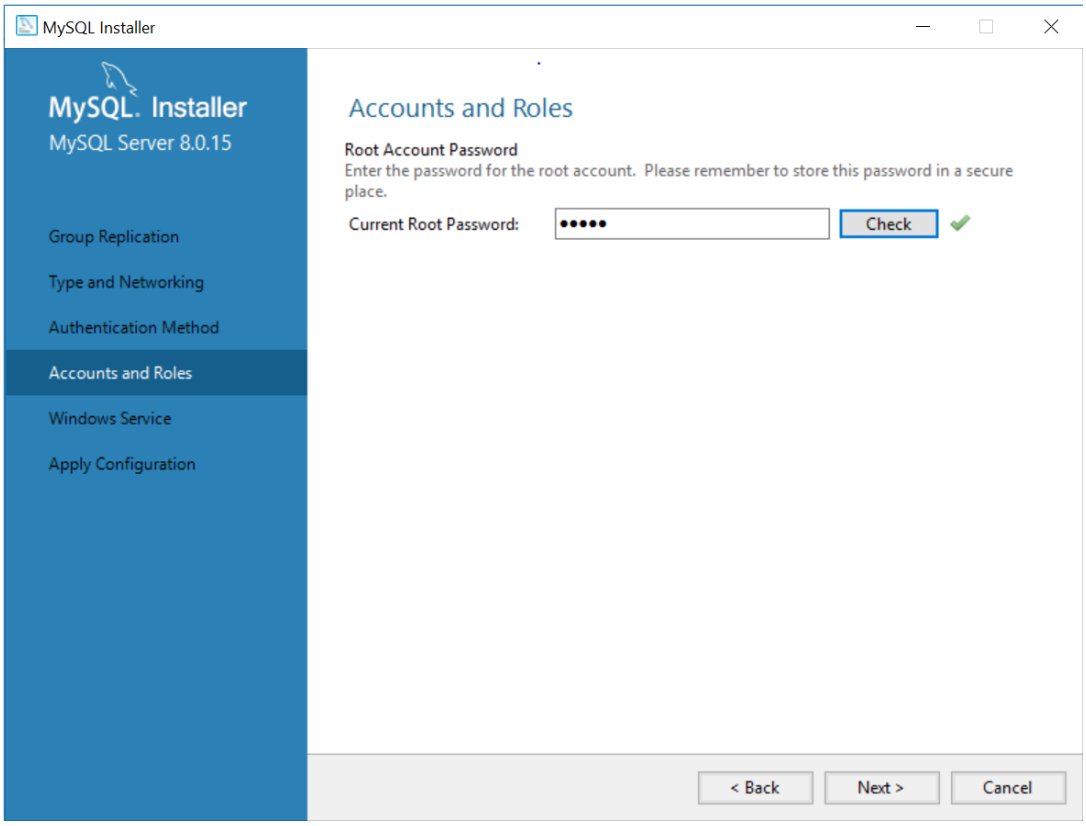
7. Make sure the following settings are followed:



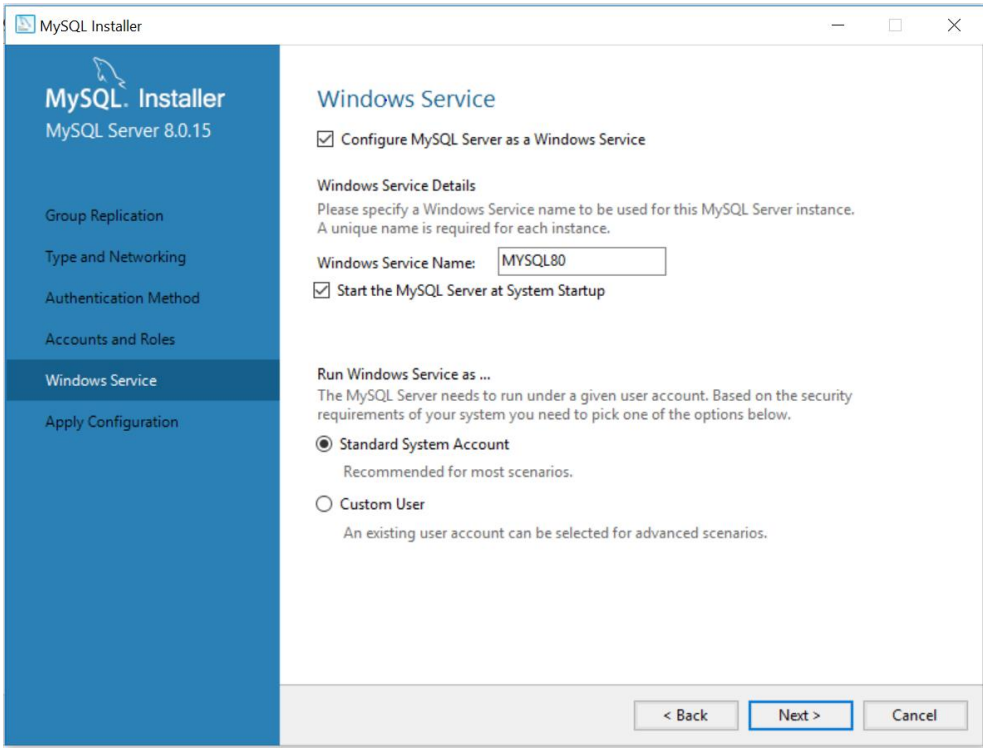
8. Choose strong encryption method:



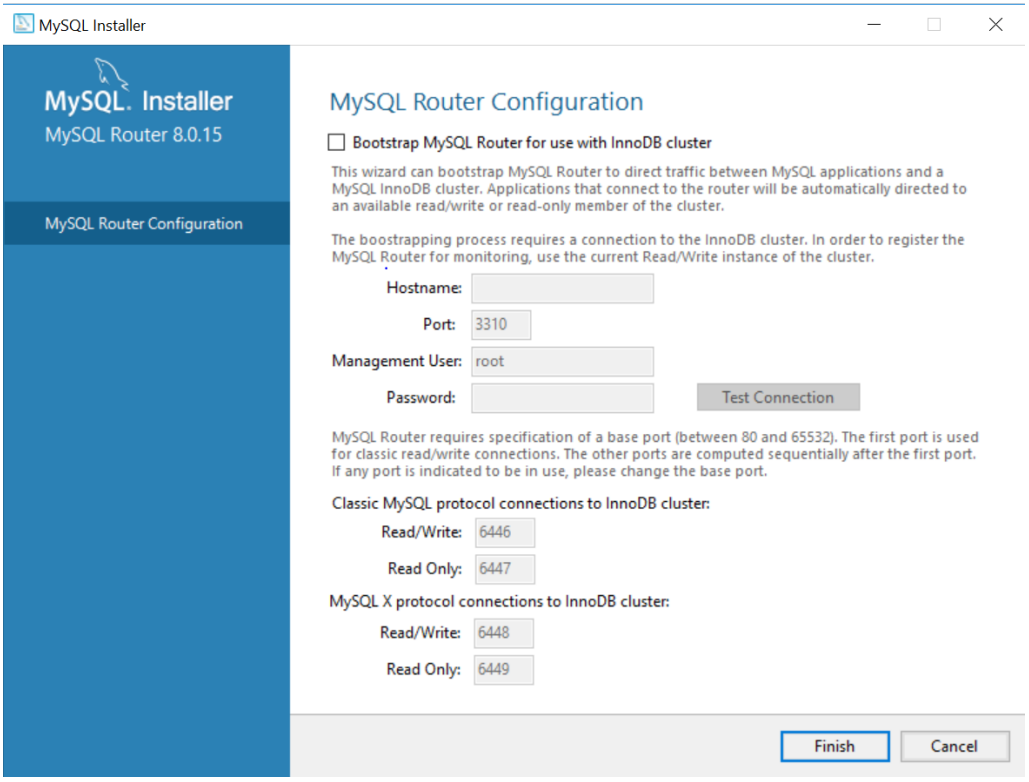
9. Set a password for root user



10. Check the checkboxes as given to start MySQL Server on Windows startup. If you do not select the start on startup option, you will have to manually start the server every time before trying to connect to the local database.



11. Click execute in the apply configuration tab and then click finish as shown below and in the following step and your installation is complete.



12. For any other Operating System follow the link to download installer for MySQL: https://dev.mysql.com/doc/mysql-getting-started/en/#mysql-getting-started-installing
    Select the Developer Default while installing as Setup Type and make sure the following components are installed:
    - MySQL Server 8.0.15
    - MySQL Workbench 8.0.15
    - Connector/ODBC 8.0.15
13. Open MySQL Workbench as root user and open the slack-database.sql file present under Development/ChatServer/src/main/resources in the project repository and execute the queries.
14. Local database setup is done.