

Installation : mysql server and client on ubuntu 20.04

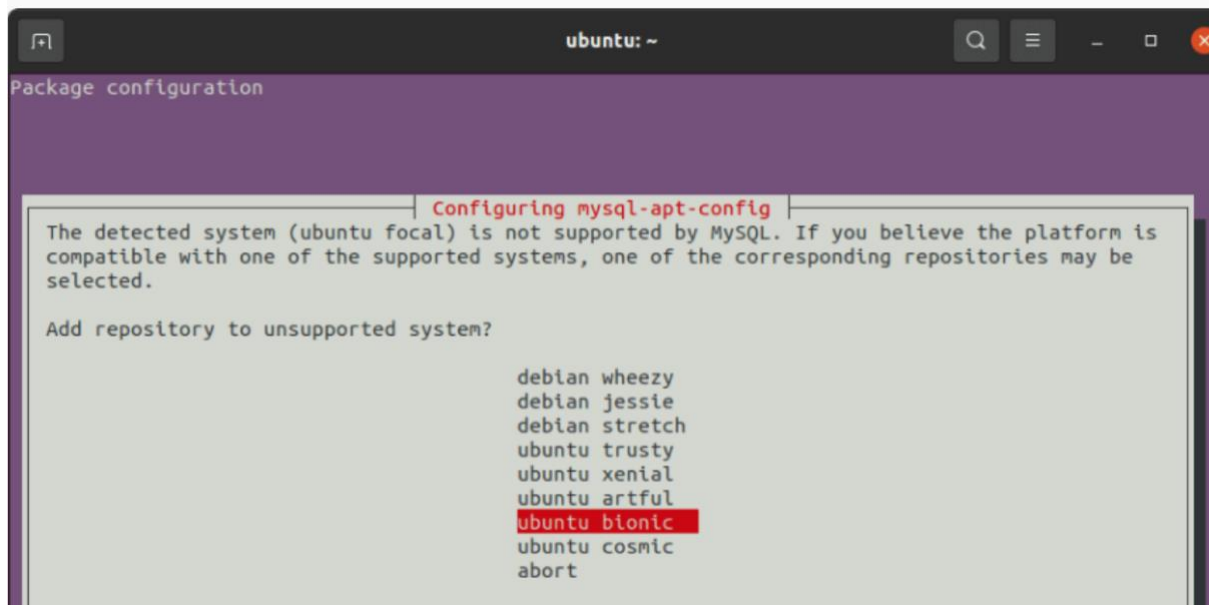
Step 1: Download the MySQL repository by executing the following command:

```
wget https://dev.mysql.com/get/mysql-apt-config_0.8.12-1_all.deb
```

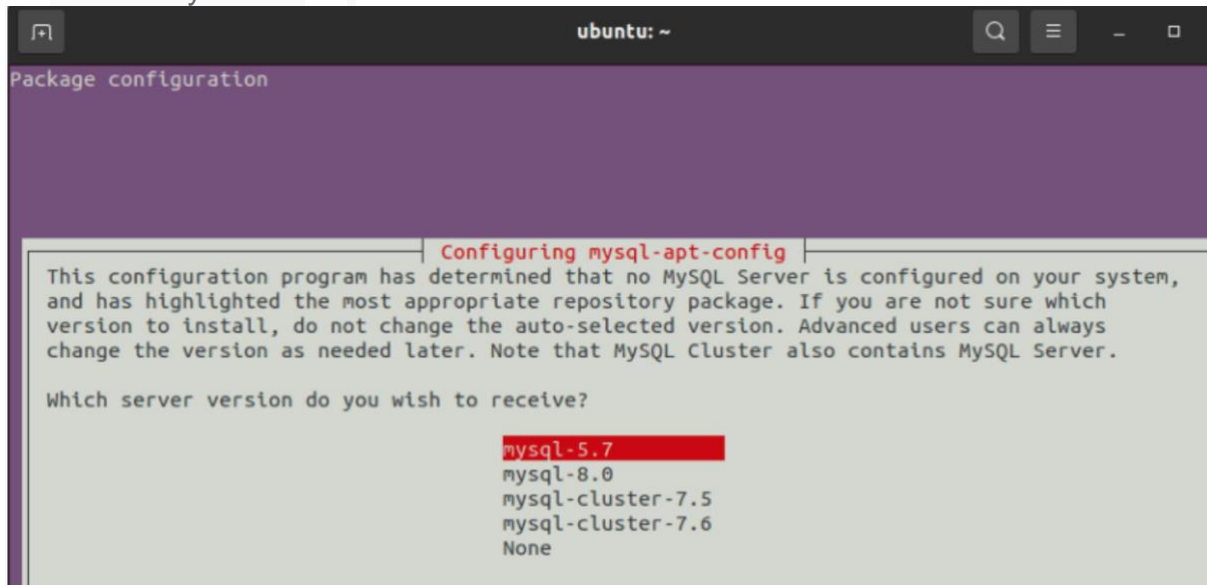
Step 2: After the MySQL package has been successfully downloaded, install it:

```
sudo dpkg -i mysql-apt-config_0.8.12-1_all.deb
```

Step 3: Select Ubuntu bionic



Step 4: After that, select the **MySQL Server & Cluster** option. Then, select **mysql-5.7** and finally select **Ok**.



Step 5: Next, update the APT repository:

```
sudo apt update
```

Note

If you encounter the **"signature couldn't be verified"** error like this one: **NO_PUBKEY 467B942D3A79BD29**, you will need to import the missing gpg key by running the following command:

Step 6:

```
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys  
467B942D3A79BD29
```

Step 7: Then execute the apt update again:

```
sudo apt update
```

Step 8: Now that you have a MySQL 5.7 repository in your system, you can proceed to install it. For this, run the following command:

```
sudo apt install -f mysql-client=5.7* mysql-community-server=5.7* mysql-ser  
ver=5.7*
```

Enter password or just hit enter to keep the password empty

Step 9: you need to log in to MySQL using the root password you have set earlier.

```
mysql -u root
```

Create a user and password

```
mysql> create database employee;  
mysql>CREATE USER 'training'@'%' IDENTIFIED BY 'training';  
  
mysql >GRANT all privileges on *.* to 'training'@'%' ;  
  
mysql>flush privileges;  
mysql>exit;
```

Step 10: Install the mysql module for python

```
pip3 install mysql-connector
```