**MYSQL**

**Uninstall mysql workbench from ubuntu**

<https://askubuntu.com/questions/640899/how-do-i-uninstall-mysql-completely>

* sudo -i
* service mysql stop
* killall -KILL mysql mysqld\_safe mysqld
* apt-get --yes purge mysql-server mysql-client
* apt-get --yes autoremove --purge
* apt-get autoclean
* deluser --remove-home mysql
* delgroup mysql
* rm -rf /etc/apparmor.d/abstractions/mysql /etc/apparmor.d/cache/usr.sbin.mysqld /etc/mysql /var/lib/mysql /var/log/mysql\* /var/log/upstart/mysql.log\* /var/run/mysqld
* updatedb
* exit

**Install mysql**

<https://phoenixnap.com/kb/install-mysql-ubuntu-20-04>

* At system sequre time
  + Disallow root login remotely? No
  + Remove test database and access to it? No
* Check status of mysql
  + sudo systemctl status mysql
* sudo mysql -u root
  + mysql> GRANT ALL PRIVILEGES ON \*.\* TO 'root'@'localhost';
* set mysql without sudo
  + sudo mysql -u root -p
    - IF NOT USER THEN CREATE USER 'root' IDENTIFIED BY 'root';
    - Else ALTER USER 'root'@'localhost' IDENTIFIED BY 'root';/ALTER USER 'root'@’%’ IDENTIFIED BY 'root';
  + CHECK BY select user,host from user;
  + flush privileges;
  + \q
  + mysql -u root -p
* For check number of users
  + mysql> use mysql;
  + mysql> select user,host from user;/SELECT user,authentication\_string,plugin,host FROM mysql.user;
* Start mysql server
  + sudo systemctl start mysql

**In case u can’t access the password at root or sudo**

* sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf
* Add line under the mysqld addone<skip-grant-tables>
* sudo service mysql restart
  + flush privileges;
  + create user ‘root’ identified by ‘root’;
  + flush privileges;
  + \q
* sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf (for remove skip-grant-tables )
* Save and exit
* sudo service mysql restart
* You easily access it my mysql -u root -p

**Give permissions to mysql workbench to use**

* sudo snap connect mysql-workbench-community:password-manager-service :password-manager-service

Change character set - CREATE DATABASE <db\_name> CHARACTER SET utf8mb4 DEFAULT COLLATE utf8mb4\_general\_ci;  
  
**Installing mysql server**

<https://www.digitalocean.com/community/tutorials/how-to-install-mysql-on-ubuntu-18-04>

U can set length for password - SET GLOBAL validate\_password\_length = 4;

* And now u can update root password

**Installing workbench** (please do not use snap)

sudo apt-get install mysql-workbench

Storing keychain password in workbench

* snap connect mysql-workbench-community:password-manager-service  
  snap connect mysql-workbench-community:ssh-keys

**Unintalling workbench -**

sudo apt-get remove mysql-workbench