

Installing MySQL on Ubuntu

Auto Mobile Robot

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Table of Contents

1	MySQL 설치	3
2	MySQL 서비스 상태 확인	4
3	MySQL 접속해보기.....	5
4	MySQL 접속 종료	6
5	MySQL 접속확인	7
6	MySQL 서비스 중지.....	8
7	MySQL Start	9
8	MySQL Restart	10
9	참고. MySQL 삭제	11
10	MySQL Root 비밀번호 속성 변경	12
11	MySQL Workbench 설치	13
12	MySQL Workbench 실행	14
13	참고. MySQL Workbench 삭제	16

1 MySQL 설치

```
sudo apt update  
sudo apt install mysql-server
```

```
parallels@ubuntu:~$ sudo apt install mysql-server  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  libaio1 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7  
  libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl  
  libhtml-template-perl libmecab2 libprotobuf-lite23 mecab-ipadic  
  mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0  
  mysql-common mysql-server-8.0 mysql-server-core-8.0
```

2 MySQL 서비스 상태 확인

```
systemctl is-active mysql
```

```
parallels@ubuntu:~$ systemctl is-active mysql  
active  
parallels@ubuntu:~$  
parallels@ubuntu:~$  
parallels@ubuntu:~$
```

3 MySQL 접속해보기

```
sudo mysql -u root -p
```

```
parallels@ubuntu:~$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 8.0.34-0ubuntu0.22.04.1 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> █
```

4 MySQL 접속 종료

```
exit
```

```
mysql> exit  
Bye
```

```
parallels@ubuntu:~$
```

```
parallels@ubuntu:~$
```

```
parallels@ubuntu:~$
```

5 MySQL 접속확인

```
mysql -u root -p
```

```
parallels@ubuntu:~$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.33-0ubuntu0.22.04.2 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> exit
Bye
parallels@ubuntu:~$
```

6 MySQL 서비스 중지

```
sudo service mysql stop
```

```
parallels@ubuntu:~$ sudo service mysql stop
parallels@ubuntu:~$ systemctl is-active mysql
inactive
parallels@ubuntu:~$
parallels@ubuntu:~$
```


7 MySQL Start

```
sudo service mysql start
```

```
parallels@ubuntu:~$ sudo service mysql start
parallels@ubuntu:~$ systemctl is-active mysql
active
parallels@ubuntu:~$
parallels@ubuntu:~$
```

8 MySQL Restart

```
sudo service mysql restart
```

```
parallels@ubuntu:~$ sudo service mysql restart
parallels@ubuntu:~$ systemctl is-active mysql
active
parallels@ubuntu:~$
parallels@ubuntu:~$
```

9 참고. MySQL 삭제

```
sudo apt purge mysql-server mysql-client mysql-common mysql-server-core-*  
mysql-client-core-*
```

```
sudo rm -rf /etc/mysql /var/lib/mysql  
sudo apt autoremove  
sudo apt autoclean
```

```
parallels@ubuntu:~$ sudo apt purge mysql-server mysql-client mysql-common mysql-server-core-* mysql-client-core-*  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
Note, selecting 'mysql-server-core-5.5' for glob 'mysql-server-core-*'  
Note, selecting 'mysql-server-core-5.6' for glob 'mysql-server-core-*'  
Note, selecting 'mysql-server-core-5.7' for glob 'mysql-server-core-*'  
Note, selecting 'mysql-server-core-8.0' for glob 'mysql-server-core-*'
```

10 MySQL Root 비밀번호 속성 변경

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password by '****';
```

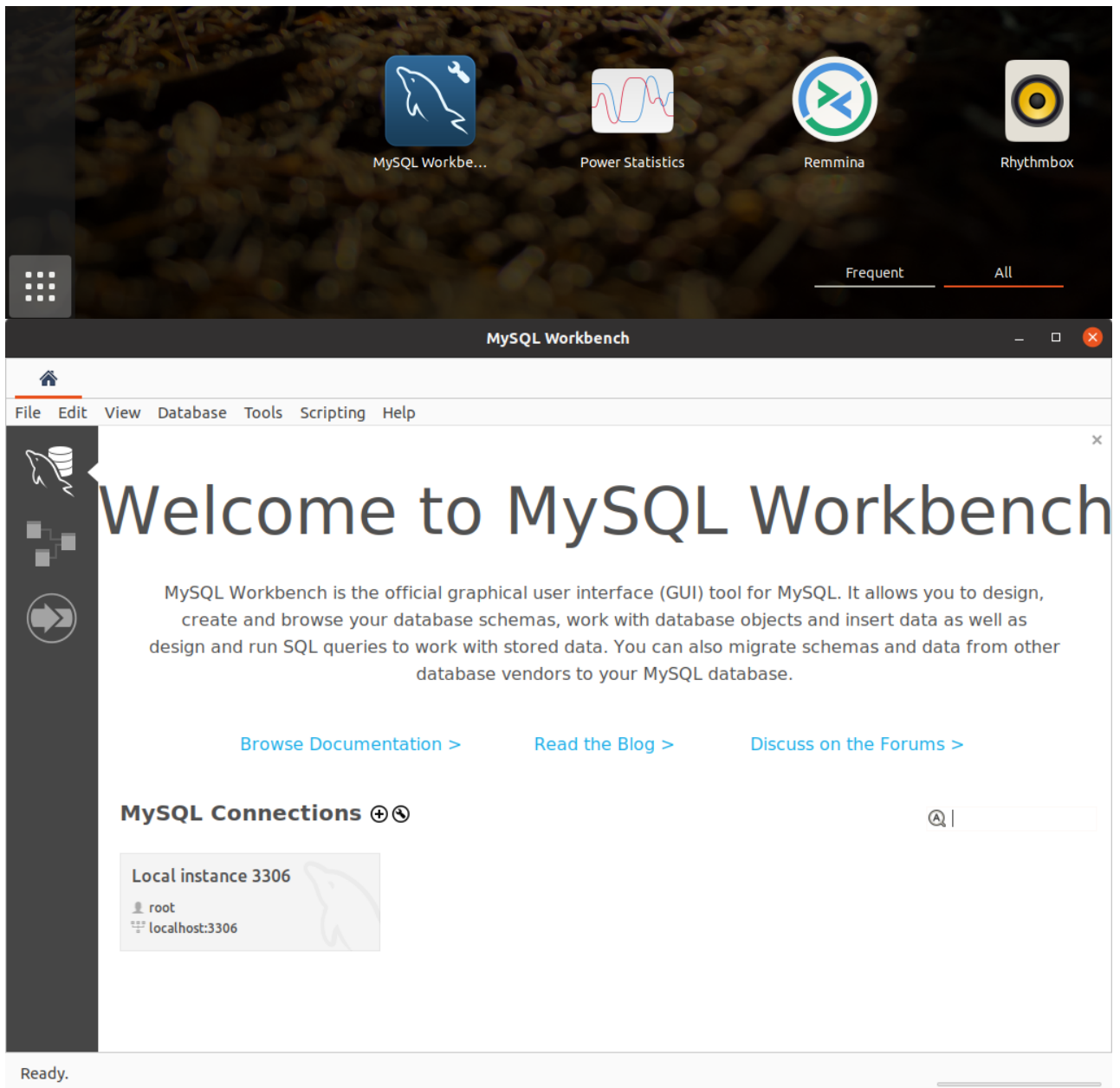
```
mysql> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password by '1234';  
Query OK, 0 rows affected (0.01 sec)  
  
mysql>  
mysql>
```

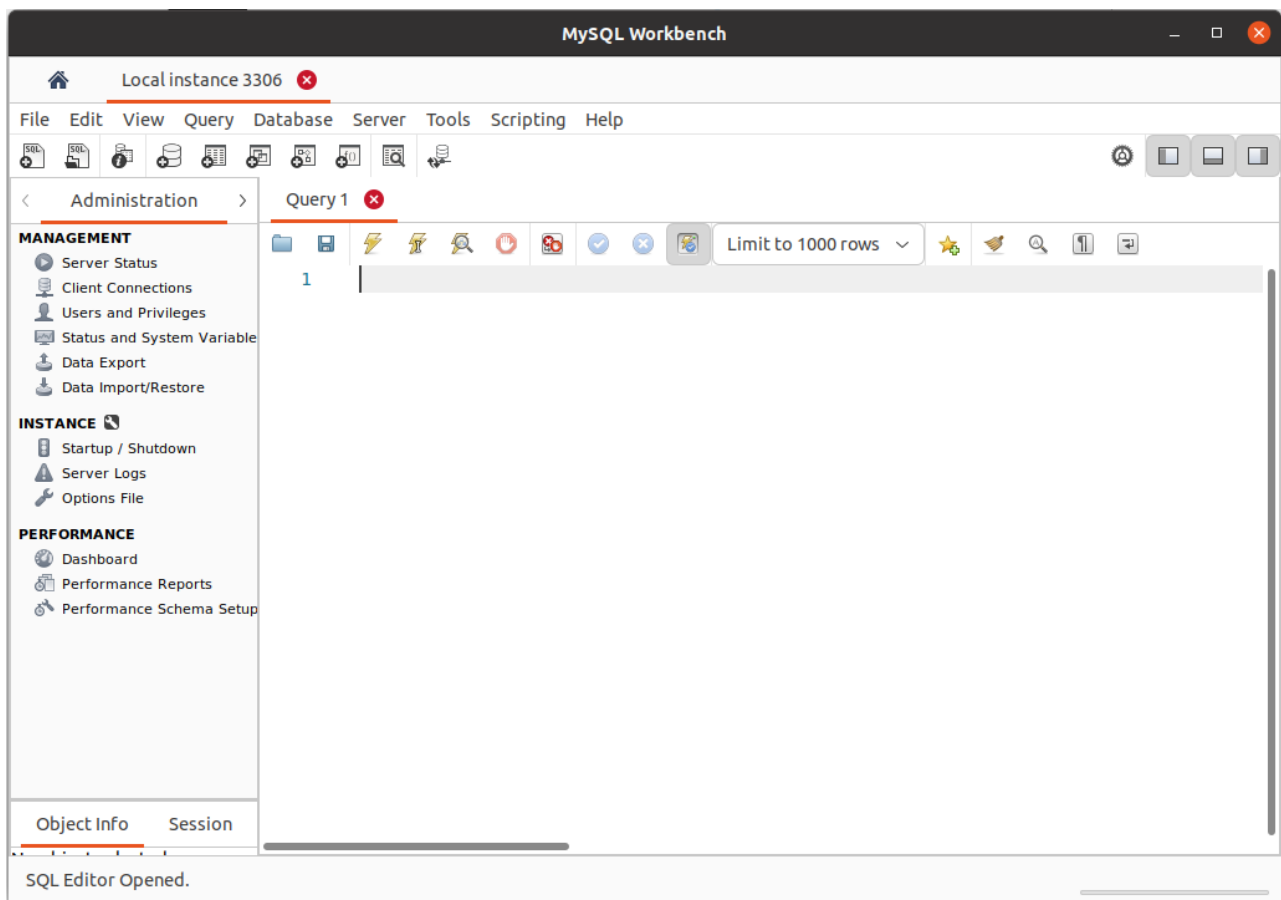
11 MySQL Workbench 설치

```
sudo snap install mysql-workbench-community
```

```
parallels@ubuntu:~$ sudo snap install mysql-workbench-community
```

12 MySQL Workbench 실행





13 참고. MySQL Workbench 삭제

```
sudo snap remove mysql-workbench-community
```