

< Maria DB 설치(Server)>

터미널에서 mariadb-server 설치

```
chh@chh-VirtualBox:~$ sudo apt install mariadb-server
```

```
패키지 목록을 읽는 중입니다... 완료
의존성 트리를 만드는 중입니다
상태 정보를 읽는 중입니다... 완료
다음의 추가 패키지가 설치될 것입니다 :
galera-3 gawk libaio1 libcgi-fast-perl libcgi-pm-perl
libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl libfcgi-perl
libhtml-template-perl libreadline5 libsigsegv2 libsnappy1v5
libterm-readkey-perl mariadb-client-10.3 mariadb-client-core-10.3
mariadb-common mariadb-server-10.3 mariadb-server-core-10.3 socat
제안하는 패키지:
gawk-doc libclone-perl libmldbm-perl libnet-daemon-perl
libsasl2-modules-gssapi-mit libipc-sharedcache-perl mailx mariadb-test tinyca
다음 새 패키지를 설치할 것입니다:
galera-3 gawk libaio1 libcgi-fast-perl libcgi-pm-perl
libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl libfcgi-perl
libhtml-template-perl libreadline5 libsigsegv2 libsnappy1v5
libterm-readkey-perl mariadb-client-10.3 mariadb-client-core-10.3
mariadb-common mariadb-server mariadb-server-10.3 mariadb-server-core-10.3
socat
0개 업그레이드, 21개 새로 설치, 0개 제거 및 0개 업그레이드 안 함.
20.1 M바이트 아카이브를 받아야 합니다.
이 작업 후 167 M바이트의 디스크 공간을 더 사용하게 됩니다.
계속 하시겠습니까? [Y/n]
```

```
chh@chh-VirtualBox:~$ sudo service mariadb status
```

```
mariadb.service - MariaDB 10.3.31 database server
Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor prese
Active: active (running) since Fri 2021-10-01 16:03:56 KST; 16s ago
Docs: man:mysqld(8)
      https://mariadb.com/kb/en/library/systemd/
Main PID: 4189 (mysqld)
Status: "Taking your SQL requests now..."
Tasks: 31 (limit: 2312)
Memory: 65.8M
CGroup: /system.slice/mariadb.service
└─4189 /usr/sbin/mysqld

10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4227]: mysql
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4227]: performance_sche
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4227]: Phase 6/7: Check>
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4227]: Processing datab>
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4227]: information_sche>
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4227]: performance_sche>
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4227]: Phase 7/7: Runni>
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4227]: OK
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4285]: Checking for ins>
10월 01 16:03:56 chh-VirtualBox /etc/mysql/debian-start[4289]: Triggering myisa>
lines 1-22/22 (END)
```

< Maria DB 설치 >

터미널에서 mariadb-server 설치 & 설정

```
chh@chh-VirtualBox:~$ sudo mysql_secure_installation
[sudo] chh의 암호.

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
you haven't set the root password yet, the password will be blank,
so you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB
root user without the proper authorisation.

You already have a root password set, so you can safely answer 'n'.

Change the root password? [Y/n] n
... skipping.

By default, a MariaDB installation has an anonymous user, allowing anyone
to log into MariaDB without having to have a user account created for
```

```
Remove anonymous users? [Y/n] n
... skipping.

Normally, root should only be allowed to connect from 'localhost'. This
ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] n
... skipping.

By default, MariaDB comes with a database named 'test' that anyone can
access. This is also intended only for testing, and should be removed
before moving into a production environment.

Remove test database and access to it? [Y/n] y
- Dropping test database...
... Success!
- Removing privileges on test database...
... Success!

Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.

Reload privilege tables now? [Y/n] y
... skipping.

Press Ctrl-C to abort.
[1] 11:22:22 (FND)
```

< Maria DB 설치 >

터미널에서 mariadb 접속 후 기본 설정

```
Thanks for using MariaDB!  
chh@chh-VirtualBox:~$ sudo mysql -u root -p  
Enter password:  
Welcome to the MariaDB monitor.  Commands end with ; or \g.  
Your MariaDB connection id is 53  
Server version: 10.3.31-MariaDB-0ubuntu0.20.04.1 Ubuntu 20.04  
  
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
MariaDB [(none)]> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| mysql |  
| performance_schema |  
+-----+  
3 rows in set (0.000 sec)  
  
MariaDB [(none)]> use mysql;  
Reading table information for completion of table and column names
```

```
MariaDB [mysql]> select host, user, password from user;  
+-----+-----+-----+  
| host      | user | password |  
+-----+-----+-----+  
| localhost | root |          |  
+-----+-----+-----+  
1 row in set (0.000 sec)
```

```
privileges on *.* to 'root'@'192.168.0.38' identified by '1234' at line 1  
MariaDB [mysql]> grant all privileges on *.* to 'root'@'192.168.0.38' identified  
by '1234';  
Query OK, 0 rows affected (0.000 sec)  
  
MariaDB [mysql]> grant all privileges on *.* to 'root'@'192.168.0.107' identifie  
d by '1234';  
Query OK, 0 rows affected (0.000 sec)
```

```
Database changed  
MariaDB [mysql]> show tables;  
+-----+  
| Tables_in_mysql |  
+-----+  
| column_stats |  
| columns_priv |  
| db |  
| event |  
| func |  
| general_log |  
| gtid_slave_pos |  
| help_category |  
| help_keyword |  
| help_relation |  
| help_topic |  
+-----+
```

-> 클라이언트 & 서버 IP 계정 밀어넣기

< Maria DB 설치 >

설정 변경

```
chh@chh-VirtualBox: /etc/mysql/mariadb.conf.d
chh@chh-VirtualBox:~$ cd /etc/mysql/mariadb.conf.d
chh@chh-VirtualBox:/etc/mysql/mariadb.conf.d$ ls -al
ls: cannot access 'ls': No such file or directory
chh@chh-VirtualBox:/etc/mysql/mariadb.conf.d$ sudo gedit 50-server.cnf
[sudo] 암호:
(gedit:2036): Tepl-WARNING **: 16:44:58.484: GVfs metadata is not supported. Fall back to TeplMetadataManager. Either GVfs is not correctly installed or GVfs metadata are not supported on this platform. In the latter case, you should configure Tepl with --disable-gvfs-metadata.
chh@chh-VirtualBox:/etc/mysql/mariadb.conf.d$
```

50-server.cnf 파일

-> 28 라인 (bind-address = 0.0.0.0으로 수정)

```
22 tmpdir = /tmp
23 lc-messages-dir = /usr/share/mysql
24 #skip-external-locking
25
26 # Instead of skip-networking the default is now to listen
27 # on all interfaces by default, which is more compatible and is not less secure
28 bind-address = 127.0.0.1
29
30 #
```