



```
New password:
Re-enter new password:
Password updated successfully!
Reloading privilege tables..
... Success!
```

```
##### anonymous users ##### Y ##
```

By default, a MariaDB installation has an anonymous user, allowing anyone to log into MariaDB without having to have a user account created for them. This is intended only for testing, and to make the installation go a bit smoother. You should remove them before moving into a production environment.

```
Remove anonymous users? [Y/n] Y
... Success!
```

```
##### root ##### Y ##
```

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] Y
... Success!
```

```
##### Y ##
```

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!
```

```
## Reload ##### Y ##
```

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

```
Reload privilege tables now? [Y/n] Y
... Success!
```

```
Cleaning up...
```

```
All done! If you've completed all of the above steps, your MariaDB
installation should now be secure.
```

```
Thanks for using MariaDB!
```

```
❏ MariaDB ██████████          exit ████    root ████
```

```
# exit
```

### 3 ???? MariaDB ??

```
$ sudo systemctl restart mariadb
```

### 4 ?? MariaDB ????

```
❏ netstat ██████████          (███ 3306 port ███ )
```

```
$ sudo netstat -tlnp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program
name
tcp        0      0 127.0.0.1:3306          0.0.0.0:*               LISTEN      22965/mysqld
tcp        0      0 127.0.0.53:53          0.0.0.0:*               LISTEN      603/systemd-
resolve
tcp        0      0 0.0.0.0:22             0.0.0.0:*               LISTEN      690/sshd:
/usr/sbin
tcp        0      0 127.0.0.1:6010         0.0.0.0:*               LISTEN      22203/sshd:
ossii@p
tcp6       0      0 :::80                  :::*                    LISTEN      21359/apache2
tcp6       0      0 :::22                  :::*                    LISTEN      690/sshd:
/usr/sbin
tcp6       0      0 :::1:6010              :::*                    LISTEN      22203/sshd:
ossii@p
tcp6       0      0 :::443                 :::*                    LISTEN      21359/apache2
```

```
❏ systemctl ██████████████████
```

```
$ sudo systemctl status mariadb
● mariadb.service - MariaDB 10.3.34 database server
   Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2022-07-27 19:53:43 CST; 41s ago
     Docs: man:mysql(8)
           https://mariadb.com/kb/en/library/systemd/
   Process: 24511 ExecStartPre=/usr/bin/install -m 755 -o mysql -g root -d /var/run/mysql
 (code=exited, status=0/SUCCESS)
   Process: 24521 ExecStartPre=/bin/sh -c systemctl unset-environment _WSREP_START_POSITION
 (code=exited, status=0/SUCCESS)
   Process: 24528 ExecStartPre=/bin/sh -c [ ! -e /usr/bin/galera_recovery ] && VAR= ||
VAR=`cd /usr/bin/..; /usr/bin/galera_recovery`; [ $? -eq 0 ] && systemctl set-environment
_WSREP_START_POSITION=$VA>
   Process: 24609 ExecStartPost=/bin/sh -c systemctl unset-environment _WSREP_START_POSITION
 (code=exited, status=0/SUCCESS)
   Process: 24611 ExecStartPost=/etc/mysql/debian-start (code=exited, status=0/SUCCESS)
 Main PID: 24578 (mysqld)
    Status: "Taking your SQL requests now..."
     Tasks: 31 (limit: 2273)
    Memory: 63.6M
    CGroup: /system.slice/mariadb.service
           └─24578 /usr/sbin/mysqld

Jul 27 19:53:43 ubuntu-test-server2 mysqld[24578]: 2022-07-27 19:53:43 0 [Note]
/usr/sbin/mysqld (mysqld 10.3.34-MariaDB-0ubuntu0.20.04.1) starting as process 24578 ...
Jul 27 19:53:43 ubuntu-test-server2 systemd[1]: Started MariaDB 10.3.34 database server.
Jul 27 19:53:43 ubuntu-test-server2 /etc/mysql/debian-start[24613]: Upgrading MySQL tables if
necessary.
Jul 27 19:53:43 ubuntu-test-server2 /etc/mysql/debian-start[24616]: Looking for 'mysql' as:
/usr/bin/mysql
Jul 27 19:53:43 ubuntu-test-server2 /etc/mysql/debian-start[24616]: Looking for 'mysqlcheck'
as: /usr/bin/mysqlcheck
Jul 27 19:53:43 ubuntu-test-server2 /etc/mysql/debian-start[24616]: This installation of
MariaDB is already upgraded to 10.3.34-MariaDB.
Jul 27 19:53:43 ubuntu-test-server2 /etc/mysql/debian-start[24616]: There is no need to run
mysql_upgrade again for 10.3.34-MariaDB.
Jul 27 19:53:43 ubuntu-test-server2 /etc/mysql/debian-start[24616]: You can use --force if you
still want to run mysql_upgrade
Jul 27 19:53:43 ubuntu-test-server2 /etc/mysql/debian-start[24625]: Checking for insecure root
accounts.
```

```
Jul 27 19:53:43 ubuntu-test-server2 /etc/mysql/debian-start[24629]: Triggering myisam-recover
for all MyISAM tables and aria-recover for all Aria tables
```



MariaDB 

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