

## MYSQL Password Recovery Manager

### ✅ Step 1: Start MySQL in Safe Mode

`sudo mysqld_safe --skip-grant-tables --skip-networking &`

if we got error then follow below steps .

mysqld\_safe Directory '/var/run/mysqld' for UNIX socket file don't exists.

### ✅ Step 2: Create Socket Directory (Fix This First)

`sudo mkdir -p /var/run/mysqld`

`sudo chown mysql:mysql /var/run/mysqld`

`sudo chmod 755 /var/run/mysqld`

```
root@slave2:/# sudo mkdir -p /var/run/mysqld
sudo chown mysql:mysql /var/run/mysqld
sudo chmod 755 /var/run/mysqld
root@slave2:/# ls -ld /var/run/mysqld/
```

### ✅ Step 3: Start MySQL in Safe Mode Again

Now try again :

`sudo mysqld_safe --skip-grant-tables --skip-networking &`

```
root@slave2:/# sudo mysqld_safe --skip-grant-tables --skip-networking &
[1] 8446
root@slave2:/# 2026-02-22T10:47:03.383819Z mysqld_safe Logging to '/var/log/mysql/error.log'.
2026-02-22T10:47:03.507124Z mysqld_safe Starting mysqld daemon with databases from /var/lib/mysql
```

Wait 10 seconds.

After that open a new terminal window

`mysql -u root`

### ✅ Step 4: Reset Root Password

`ALTER USER 'root'@'localhost'`  
`IDENTIFIED BY 'NewStrong@123';`

### ✅ Step 5: Restart MySQL Normally

Exit mysql ;

Stop safe mode :


`Sudo pkill mysqld`

And go to the original session and start the mysql server

`Sudo systemctl start mysql`

### ✅ Step 6: Test Login


mysql -u root -p

Enter new password → Login successful 

### Why This Happened?

On Linux servers, /var/run is temporary (cleared after reboot).

After restart, MySQL socket folder was deleted → MySQL couldn't start.

This is very common on servers 

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