

Databases

Reset password

Start database without permission checking:

```
service mysql stop
mysqld_safe --skip-grant-tables &
```

Set new password

```
mysql --user=root mysql
update user set Password=PASSWORD('new-password-here') WHERE User='root';
...
killall mysqld
```

Executing SQL as root without password

Create file mysql-init with commands to execute at start.

```
service mysql stop
mysqld_safe --init-file=./mysql-init.sql &
```

```
GRANT LOCK TABLES ON *.* TO 'debian-sys-maint'@'localhost';

GRANT ALL PRIVILEGES ON *.* TO 'debian-sys-maint'@'localhost';
GRANT RELOAD, SHUTDOWN, PROCESS, SHOW DATABASES, SUPER, LOCK TABLES ON *.*
TO 'debian-sys-maint'@'localhost' IDENTIFIED BY PASSWORD
'xxxxxxxxxxxxxxxxxxxxxxx'
GRANT ALL ON testDB.* TO 'demo-user'@'localhost';
```

MySQL

```
SHOW DATABASES;
SHOW TABLES;
```

Permissions

```
SHOW GRANTS;
SHOW GRANTS FOR CURRENT_USER;
SHOW GRANTS FOR CURRENT_USER();
SELECT USER,Host,Password FROM mysql.USER;
```

FLUSH privileges;

Optimize databases

```
#!/bin/bash
mysqlcheck --all-databases
mysqlcheck --all-databases -o
mysqlcheck --all-databases --auto-repair
mysqlcheck --all-databases --analyze
```

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