

# How To Import and Export Databases and Reset a Root Password in MySQL

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## How to Import and Export Databases

### Export

To Export a database, open up terminal, making sure that you are not logged into MySQL and type,

```
mysqldump -u [username] -p [database name] > [database name].sql
```

The database that you selected in the command will now be exported to your server instance.

### Import

To import a database, first create a new blank database in the MySQL shell to serve as a destination for your data.

```
CREATE DATABASE newdatabase;
```

Then log out of the MySQL shell and type the following on the command line:

```
mysql -u [username] -p newdatabase < [database name].sql
```

With that, your chosen database has been imported into your destination database in MySQL.

## How to Reset a Root Password

When you first install MySQL, you have to set up your root password. However, should you forget it at any point, you can still recover it.

### Step One—Shut Down MySQL

In terminal, stop the MySQL process

```
/etc/init.d/mysql stop
```

### Step Two—Access MySQL Safe Mode

In safe mode, you will be able to make changes within the MySQL system with a root password alone, without the need for MySQL root password.

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

Once safe mode has started up, log into MySQL and when prompted, use your standard root password.

```
mysql -u root mysql
```

### **Step Three—Set Up a New Password**

Finally, set up the new MySQL root password by typing the command below. Replace "newpassword" with the password of your choice.

```
update user set password=PASSWORD("newpassword") where User='root';
```

Be sure to reload everything:

```
FLUSH PRIVILEGES;
```

and you now have a new root password.