Basics

```
nano /etc/apt/sources.list
```

sources.list

```
deb http://ftp.de.debian.org/debian/ jessie main
deb-src http://ftp.de.debian.org/debian/ jessie main

deb http://security.debian.org/ jessie/updates main
deb-src http://security.debian.org/ jessie/updates main

# jessie-updates, previously known as 'volatile'
deb http://ftp.de.debian.org/debian/ jessie-updates main
deb-src http://ftp.de.debian.org/debian/ jessie-updates main

# jessie-backports
deb http://ftp.debian.org/debian jessie-backports main
```

```
apt update
apt install open-vm-tools -y
apt install openssh-server -y
mkdir /root/.ssh
nano /root/.ssh/authorized_keys
apt install ntp ntpdate -y
nano /etc/ntp.conf
apt install mc htop tcpdump nmap tree pwgen lvm2 xfsprogs unattended-
upgrades ncdu mailutils -y
```

Program	Function
mc	File Commander
htop	top Alternative
tcpdump	Paketsniffer
nmap	Port- und Netzwerkanalyse
tree	Verzeichnisbaum auflisten
pwgen	Passwortgenerator
lvm2	Logical Volume Manager 2
xfsprogs	Werkzeuge zur Verwaltung des XFS Dateisystems
unattended-upgrades	Sicherheitsupdates automatisch installieren
ncdu	TreeSize auf der Shell
mailutils	Mails auf der Shell senden

```
apt install apache2 php5 -y
a2enmod rewrite ssl proxy fastcgi proxy_http proxy_fastcgi
apt install mysql-server -y
<mysql root@localhost Passwort setzen>
```

```
mysql_secure_installation
```

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

In order to log into MySQL to secure it, we'll need the current
password for the root user.  If you've just installed MySQL, 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):
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using
password: YES)
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 MySQL
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 MySQL installation has an anonymous user, allowing anyone
to log into MySQL 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!

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!

By default, MySQL 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...
ERROR 1008 (HY000) at line 1: Can't drop database 'test'; database doesn't
exist
 ... Failed!  Not critical, keep moving...
 - 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
 ... Success!

Cleaning up...

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

Thanks for using MySQL!
```

From:
https://host.docker.internal:552/ - **Meine kleine Dokumentation**

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Last update: **2016/11/08 22:34**