

Raspian Linux

Installation

Install Raspian on a SD card by following the instructions in the Raspberry Pi [documentation](#) pages.

Configuration

Open LXterminal on the desktop and run

```
raspi-config
```

to modify the following settings:

- Expand Filesystem
- Change User Password
- Internationalisation Options → Change Keyboard Layout
- Advanced Options → Hostname, Serial

Default User

The default is user **Pi** with root privileges and without password. First, login as root and assign root a password.

Add a new user, assign this user the same privileges as pi:

```
# adduser <user>
# usermod -G
adm,dialout,cdrom,sudo,audio,video,plugdev,games,users,netdev,input,spi,gpio
<user>
```

Check privileges are assigned correctly:

```
# id <user>
```

Remove super user privileges from **Pi**:

- Go to the end of sudoers file and comment out root elevation for **Pi**:

```
# visudo
#pi ALL=(ALL) NOPASSWD: ALL
```

- Remove user pi from group sudo in /etc/group and /etc/gshadow, so that the new user remains:

```
# vim /etc/group
```

```
sudo:x:27:<user>
# vim /etc/gshadow
sudo:x:27:<user>
```

Change autologon to the new <user>:

```
# vim /etc/lightdm/lightdm.conf
autologin-user=<user>
```

Links

- [Changing the default users password and creating additional accounts](#)

Install Apps

```
# apt-get install vim
```

From:
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Last update: **2014/10/03 15:01**

