

Base Setup

OS installation

Download PI OS image and follow the image installation steps.

Enable ssh

In order to be able to remote ssh into the server edit the sshd configuration file. And set the following parameters:

```
# nano /etc/ssh/sshd_config
-----

# Authentication:

LoginGraceTime 2m
AllowUsers root pi
PermitRootLogin yes
StrictModes yes
#MaxAuthTries 6
#MaxSessions 10

-----

# systemctl restart ssh
```

Networking

```
# nano /etc/network/interfaces
-----

auto lo eth0
iface lo inet loopback

#iface eth0 inet manual
iface eth0 inet static
address 192.168.178.xx
netmask 255.255.255.0
network 192.168.178.0
broadcast 192.168.178.255
gateway 192.168.178.1
```



```
# File generated by update-locale
LANG=en_US.UTF-8
LANGUAGE="en_US:en"
LC_TIME="nl_NL.UTF-8"
LC_NUMERIC="nl_NL.UTF-8"
LC_MONETARY="nl_NL.UTF-8"
LC_PAPER="nl_NL.UTF-8"
```

Apt-Get Update

When getting the following message: *"key is stored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details"* do:

Power Saving

- Disable the blinking cursor: [Cursor blink off](#)
- Configure PowerTop: [Powertop](#)
- Tune ASPM: [ASPM on Linux](#)

Install frequently used packages

```
# apt-get install sudo
# apt-get install iputils-ping
# apt-get install nano
# apt-get install less
```

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