

## pi-networking-config-files

Some relevant files which are network related.

1. `/etc/hosts`  
Contains ip-addresses and hostnames in the following format

```
<ip> <hostname>
192.168.4.12 pi155
```

2. `/etc/resolv.conf`  
Contains DNS information

Minimally:

```
nameserver <ip>
nameserver 192.168.4.1
```

3. `/etc/nsswitch.conf`  
Contains resolve order.  
For example: if you use a hostname, should we try to fetch the ip via `/etc/hosts` or dns?

```
hosts: files dns
```

4. `/etc/hostname`  
Contains the hostname

The `hostnamectl` command:

```
pi@pi ~# hostnamectl
  Static hostname: pi158
        Icon name: computer
        Machine ID: 7025c3d99cd64f7bb1909e18622bcb40
        Boot ID: 7ed06465992244e6bf2594d22bee2830
  Operating System: Raspbian GNU/Linux 11 (bullseye)
        Kernel: Linux 5.15.84-v7+
  Architecture: arm
```

```
pi@pi ~# sudo hostnamectl set-hostname pi168
pi@pi ~# cat /etc/hostname
pi168
```