

AP Guide

1. File: /etc/dhcpd.conf

1. Add line: "denyinterfaces wlan0"

2. /etc/network/interfaces

1. Add lines:

```
auto lo
iface lo inet loopback

auto eth0
iface eth0 inet dhcp

allow-hotplug wlan0
iface wlan0 inet static
    address 192.168.0.1
    netmask 255.255.255.0
    network 192.168.0.0
    broadcast 192.168.0.255
```

3. Configure hostapd conf: /etc/hostapd/hostapd.conf

```
interface=wlan0
driver=nl80211
ssid=GIVE_ME_PI
hw_mode=g
channel=6
wmm_enabled=1
macaddr_acl=0
auth_algs=1
ignore_broadcast_ssid=0
wpa=0
```

4. Open /etc/default/hostapd

1. Include line "DAEMON_CONF="/etc/hostapd/hostapd.conf"

5. Change /etc/dnsmasq.conf to

```
interface=wlan0
listen-address=192.168.5.1
bind-interfaces
server=8.8.8.8
domain-needed
bogus-priv
dhcp-range=192.168.5.100,192.168.5.200,24h
```

6. Enable services:

```
sudo systemctl enable hostapd
sudo systemctl enable dnsmasq
```

7. reboot and AP should be up