cat /etc/rc.local

iptables-restore < /etc/iptables.ipv4.nat

# Generated by iptables-save v1.4.21 on Wed Jul 5 18:44:19 2017

\*filter

:INPUT ACCEPT [66:4636]

:FORWARD ACCEPT [0:0]

:OUTPUT ACCEPT [53:4692]

-A FORWARD -i eth0 -o wlan0 -m state --state RELATED

-A FORWARD -i eth0 -o wlan0 -m state --state RELATED,ESTABLISHED -j ACCEPT

-A FORWARD -i wlan0 -o eth0 -j ACCEPT

COMMIT

# Completed on Wed Jul 5 18:44:19 2017

# Generated by iptables-save v1.4.21 on Wed Jul 5 18:44:19 2017

\*nat

:PREROUTING ACCEPT [2:736]

:INPUT ACCEPT [2:736]

:OUTPUT ACCEPT [18:1196]

:POSTROUTING ACCEPT [8:480]

-A POSTROUTING -o eth0 -j MASQUERADE

COMMIT

# Completed on Wed Jul 5 18:44:19 2017

sudo iptables -t nat -A POSTROUTING -o wlan0 -j MASQUERADE

sudo iptables -A FORWARD -i eth0 -o wlan0 -j ACCEPT

sudo cat /etc/network/interfaces

# interfaces(5) file used by ifup(8) and ifdown(8)

# Please note that this file is written to be used with dhcpcd

# For static IP, consult /etc/dhcpcd.conf and 'man dhcpcd.conf'

# Include files from /etc/network/interfaces.d:

source-directory /etc/network/interfaces.d

auto lo

iface lo inet loopback

auto eth0

iface eth0 inet static

address 192.168.1.2

netmask 255.255.255.0

network 192.168.1.0

broadcast 192.168.8.255

gateway 192.168.1.1

#allow-hotplug wlan0

#iface wlan0 inet static

# address 192.168.8.102

# netmask 255.255.255.0

# wpa-conf /etc/wpa\_supplicant/wpa\_supplicant.conf

allow-hotplug wlan0

iface wlan0 inet static

address 172.24.1.1

netmask 255.255.255.0

network 172.24.1.0

broadcast 172.24.1.255

allow-hotplug wlan1

iface wlan1 inet manual

wpa-conf /etc/wpa\_supplicant/wpa\_supplicant.conf

cat /etc/dnsmasq.conf

interface=wlan0 # Use interface wlan0

listen-address=172.24.1.1

bind-interfaces # Bind to the interface to make sure we aren't sending things elsewhere

server=8.8.8.8 # Forward DNS requests to Google DNS

domain-needed # Don't forward short names

bogus-priv # Never forward addresses in the non-routed address spaces.

dhcp-range=172.24.1.50,172.24.1.150,12h # Assign IP addresses between 172.24.1.50 and 172.24.1.150 with a 12 hour lease time

cat /etc/network/interfaces

# interfaces(5) file used by ifup(8) and ifdown(8)

# Please note that this file is written to be used with dhcpcd

# For static IP, consult /etc/dhcpcd.conf and 'man dhcpcd.conf'

# Include files from /etc/network/interfaces.d:

source-directory /etc/network/interfaces.d

auto lo

iface lo inet loopback

auto eth0

iface eth0 inet static

address 192.168.1.1

netmask 255.255.255.0

network 192.168.1.0

broadcast 192.168.1.255

gateway 192.168.1.1

post-up route del default dev eth0

allow-hotplug wlan0

iface wlan0 inet manual

wpa-conf /etc/wpa\_supplicant/wpa\_supplicant.conf

allow-hotplug wlan1

iface wlan1 inet manual

wpa-conf /etc/wpa\_supplicant/wpa\_supplicant.conf

:

https://frillip.com/using-your-raspberry-pi-3-as-a-wifi-access-point-with-hostapd/

:

https://wireless.wiki.kernel.org/en/users/Documentation/hostapd

sudo systemctl status hostapd -l

sudo systemctl restart hostapd