**Zadanie 1**

Ip adresu a MAC som zistil pomocou ip addr

A screenshot of a computer screen

Description automatically generated

IP adresa: 10.103.1.39/16

MAC: fa:f1:17:13.39:4a

Pozivame dhcp (BOOTPROTO=dhcp)A screen shot of a computer

Description automatically generated

Routing table:

A screenshot of a computer screen

Description automatically generated

DNS server:

A black background with white text

Description automatically generated

Pingnutim google.com zistime ci sme pripojeny na internet

A screen shot of a computer code

Description automatically generated

**Zadanie 2**



Appendnem do input, pomocou modulu conntrack matchuje pakety ktore su ESTABLISHED alebo RELATED a jumpne rovno na ACCEPT

sudo iptables -A INPUT -p icmp -j ACCEPT

podobne, len specifikujem protocol icmp

sudo iptables -A INPUT -i lo -j ACCEPT

-i (interface) lo (loopback)

sudo iptables -A INPUT -p tcp --dport 22 -m conntrack --ctstate NEW -j ACCEPT

-p tcp –dport 22 (22 je ssh)

Cez conntrack matchujem nove requesty na pripojenie

sudo iptables -A INPUT -p tcp -s 10.103.0.0/16 --dport 0:1023 -m conntrack --ctstate NEW -j ACCEPT

-s – source adresa alebo subnet

--dport 0:1023 – well known porty

sudo iptables -A INPUT -j LOG

Jumpne rovno na logovanie

sudo iptables -A INPUT -j DROP

A nasledne ich drone

save



**Zadanie 3**

V súbore /etc/ssh/sshd\_config zmenime nasledovne:

Zrusenie prihlasenia rootu

A screenshot of a computer

Description automatically generated

Zrusenie autentifikacie heslom:

A screen shot of a computer

Description automatically generated

X11 forwarding:

A screen shot of a computer

Description automatically generated