

Sessão 2: Firewall

Criar DMZ host-only faixa 10.0.42.0/24, ip host físico 10.0.42.254. Criar Intranet host-only faixa 192.168.42.0/24, ip host físico 192.168.42.254.

Clonar debian-template para fw com 2 interfaces de rede, 1 bridge dhcp, 2 host-only estático 10.0.42.1/24, 3 host-only estático 192.168.42.1/24.

Renomear vm. # bash changehost.sh fw

Configurar rede. # cat /etc/network/interfaces source /etc/network/interfaces.d/*

```
auto lo enp0s3 enp0s8 enp0s9
```

```
iface lo inet loopback
```

```
iface enp0s3 inet dhcp
```

```
iface enp0s8 inet static address 10.0.42.1/24
```

```
iface enp0s9 inet static address 192.168.42.1/24
```

Habilitar repasse. # sed -i '/net.ipv4.ip_forward/s/^#//' /etc/sysctl.conf # sysctl -p net.ipv4.ip_forward = 1

Habilitar nat. # iptables -t nat -A POSTROUTING -s 10.0.42.0/24 -o enp0s3 -j MASQUERADE # iptables -t nat -A POSTROUTING -s 192.168.42.0/24 -o enp0s3 -j MASQUERADE

Instalar iptables-persistent. # apt-get install iptables-persistent -y Salvar regras.

CONSIDERAR ADIÇÃO DE DNS NESTA MÁQUINA