

1.

```
network:
  version: 2
  renderer: network
  ethernets:
    enp0s3:
      dhcp4: no
      addresses: [192.168.0.8/24]
  routes:
    - to: default
      via: 192.168.0.254
  nameservers:
    addresses:
      - 8.8.8.8
      - 1.1.1.1
```

```
sudo ip addr add 192.168.0.8/255.255.255.0 broadcast 192.168.0.255
denv enp0s3
ping google.com
```

2.

```
iptables -A INPUT -i lo -j ACCEPT
iptables -A TCP -dport 22 -j ACCEPT
iptables -A TCP -dport 22 -j ACCEPT
iptables -A TCP -dport 22 -j ACCEPT
iptables -A TCP -m state --state ESTABLISHED, RELATED -j ACCEPT
iptables -P INPUT DROP
```

3.

```
iptables -I INPUT -s 3.4.5.6 -j DROP
```