**Reset Configs:**

Nos tuxes:

* systemctl restart networking

No MicroTik:

* /system reset-configuration

**Configurar IPS:**

Tux 2:

* Ifconfig eth1 172.16.41.1/24

Tux 3:

* Ifconfig eth0 172.16.40.1/24

Tux 4:

* Ifconfig eth1 172.16.41.253/24
* Ifconfig eth0 172.16.40.254/24

**Configurar bridges:**

No MicroTik:

* /interface bridge add name bridge=40
* /interface bridge add name bridge=41
* /interface port remove [find interface=etherX1]
* /interface port remove [find interface=etherX2]
* /interface port remove [find interface=etherX3]
* /interface port remove [find interface=etherX4]
* /interface bridge port add bridge=bridge40 interface=etherX2
* /interface bridge port add bridge=bridge40 interface=etherX3
* /interface bridge port add bridge=bridge41 interface=etherX1
* /interface bridge port add bridge=bridge41 interface=etherX4

**Ativar IP Forwarding and desativar broadcasts:**

No Tux 4:

* echo 1 > /proc/sys/net/ipv4/ip\_forward
* echo 0 > /proc/sys/net/ipv4/icmp\_echo\_ignore\_broadcasts

**Configurar Rotas:**

No Tux 3:

* route add -net 172.16.41.0/24 gw 172.16.40.254
* route add default gw 172.16.40.254

No Tux 2:

* route add -net 172.16.40.0/24 gw 172.16.41.253
* route add default gw 172.16.41.254

No Tux 4:

* route add default gw 172.16.41.254

**Configurar Router:**

DESATIVAR NAT PARA PING AO GOOGLE FUNCIONAR:

MicroTik (Router):

(IP)

* /ip address add address=172.16.1.49/24 interface=etherX1 (internet)
* /ip address add address=172.16.41.254/24 interface=etherX2 (tuxes)
* /iproute add dst-address=0.0.0.0/0 gateway=172.16.1.254

Switch:

(bridge port) (para tuxes)

* /interface bridge port remove [find interface=etherXX]
* /interface bridge port add bridge=bridge41 interface=etherXX

(route)

* /ip route add dst-address=172.16.40.0/24 gateway=172.16.41.253