

IPv4 routing

Configuration commands

- *# route add -net 1.0.0.0/24 eth0*
- *# route del -net 1.0.0.0/24 eth0*
- *# route add -net 1.1.1.0/24 gw 2.2.2.1 eth0*
- *# route del -net 1.1.1.0/24 gw 2.2.2.1 eth0*
- *# route add default gw 2.2.2.1*
- *# route del default*
- *# ip route add 1.0.0.0/24 dev eth0*
- *# ip route del 1.0.0.0/24 dev eth0*
- *# ip route add 1.0.0.0/24 via 2.2.2.1 dev eth0*
- *# ip route del 1.0.0.0/24 via 2.2.2.1 dev eth0*
- *# sysctl -w net.ipv4.ip_forward=1*
- *> route add 1.1.1.0 mask 255.255.255.0 2.2.2.1 metric 3 if 2*
- *> route change 1.1.1.0 mask 255.255.255.0 2.2.2.10 metric 4 if 2*
- *> route delete 1.1.1.0*

Show and analysis commands

- *# ifconfig*
- *# ifconfig eth0*
- *# route -n*
- *# netstat -nr*
- *# ip route show*
- *# ping 1.1.1.1*
- *# traceroute 1.1.1.1*
- *# traceroute -l 1.1.1.1*
- *# traceroute -T 1.1.1.1*
- *> netstat -nr*
- *> route print -4*
- *> ping 1.1.1.1*
- *> tracert 1.1.1.1*
- *> tracert -d 1.1.1.1*

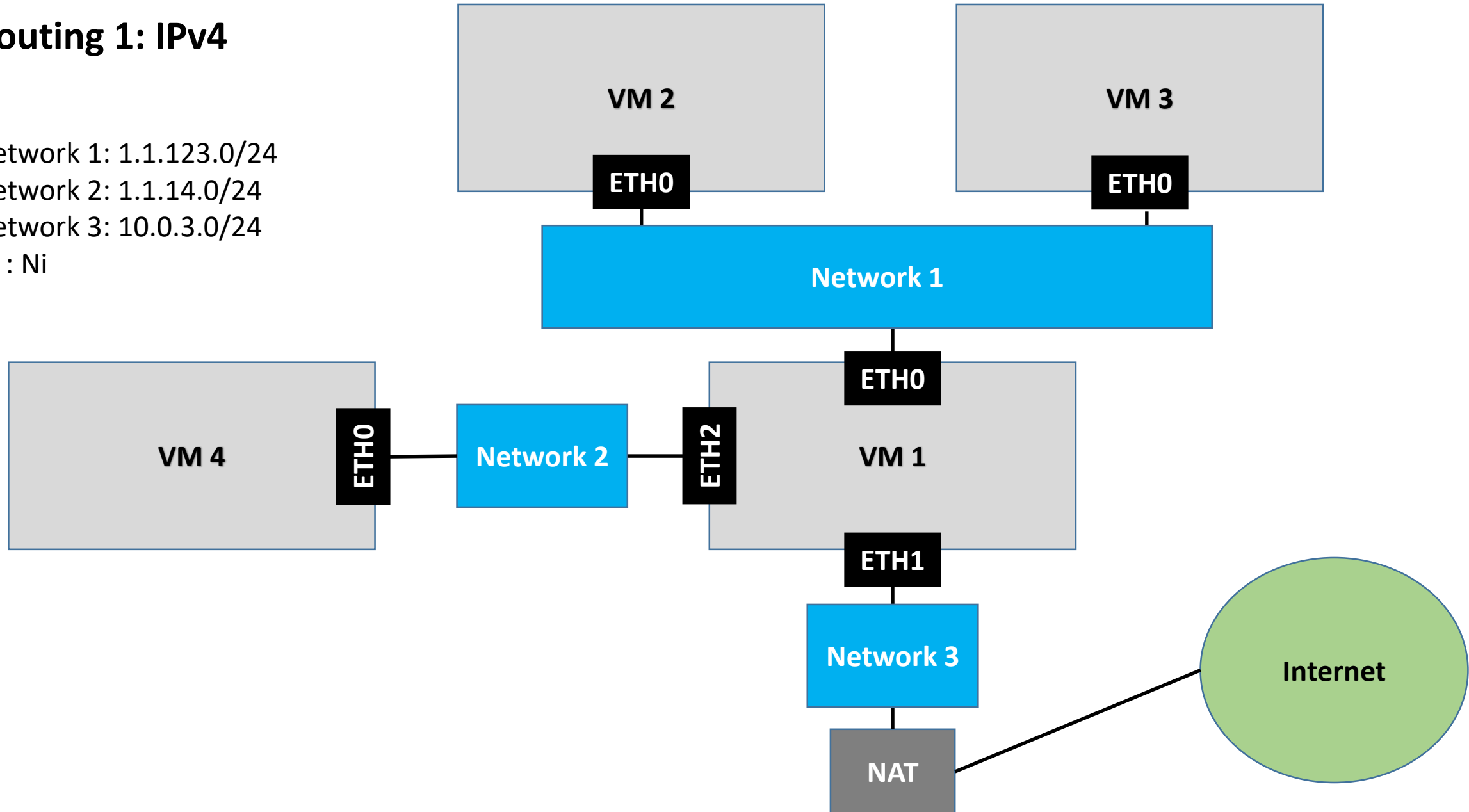
Routing 1: IPv4

Network 1: 1.1.123.0/24

Network 2: 1.1.14.0/24

Network 3: 10.0.3.0/24

Hi : Ni



Routing 2: IPv4

Network 1: 1.1.123.0/24
Network 2: 1.1.14.0/24
Network 3: 10.0.3.0/24
Network 4: 1.1.45.0/24
Hi : Ni

