TD Réseaux

VOIR TP1BIS pour le schéma

Adresses IP des machines :

M1 :

ifconfig eth0 192.168.10.1/24

route add default gw 192.168.10.254

M2 :

ifconfig eth0 192.168.20.1/24

route add default gw 192.168.20.254

M3 :

ifconfig eth0 192.168.30.1/24

route add default gw 192.168.30.254

M4 :

ifconfig eth0 192.168.40.1/24

route add default gw 192.168.40.254

route add -host 192.168.60.1/24 gw 192.168.50.3

Proxy :

echo 1 > /proc/sys/net/ipv4\_forward

Ifconfig eth0 192.168.60.1

Route add default gw 192.168.60.1

Gateway :

192.168.200.2/24

R1 :

echo 1 > /proc/sys/net/ipv4\_forward

ifconfig eth0 192.168.10.254/24

ifconfig eth1 192.168.20.254/24

ifconfig eth2 192.168.0.50.1/24

route add -net 192.168.30.0 gw 192.168.50.2

route add -net 192.168.40.0 gw 192.168.50.2

R2 :

echo 1 > /proc/sys/net/ipv4\_forward

ifconfig eth0 192.168.30.254/24

Ifconfig eth1 192.168.40.254/24

ifconfig eth2 192.168.50.2/24

route add -net 192.168.10.0 gw 192.168.50.1

route add -net 192.168.20.0 gw 192.168.50.1

Rz :

echo 1 > /proc/sys/net/ipv4\_forward

Ifconfig eth0 192.168.50.3/24

Ifconfig eht1 192.168.60.254/24

Route add -net 192.168.10.0/24 gw 192.168.50.1

Route add -net 192.168.20.0/24 gw 192.168. 50.1

Route add -net 192.168.30.0/24 gw 192.168. 50.2

Route add -net 192.168.40.0/24 gw 192.168. 50.2