R3.06

1.

Machine A :

Ifconfig eth0 192.168.10.11/24

Route add default gw 192.168.10.1

Iptables -I INPUT

-s 192.168.10.0/24

-j ACCEPT

Iptables -P INPUT DROP

Mahcine B :

Ifconfig eth0 192.168.10.12/24

Route add -default gw 192.168.10.1

Iptables -I INPUT

-s 192.168.10.0/24

-j ACCEPT

Iptables -I INPUT

-s 192.168.30.11/32

-j ACCEPT

Iptables -P INPUT DROP

Routeur R1:

Ifconfig eth0 192.168.10.1/24

Ifconfig eth1 192.168.20.1/24

Route add default gw 192.168.20.254

Machine C :

Ifconfig eth0 192.168.20.11/24

Route add -net 192.168.10.0/24 gw 192.168.20.1

Route add default gw 192.168.20.254

Iptables -I INPUT

-s 192.168.20.0/24

-j ACCEPT

Iptables -P INPUT DROP

Machine D :

Ifconfig eth0 192.168.20.12/24

Route add -net 192.168.10.0/24 gw 192.168.20.1

Route add default gw 192.168.20.254

Iptables -I INPUT

-s 192.168.10.12/32

-j DROP

Routeur R2 :

Ifconfig eth0 192.168.20.254/24

Ifconfig eth1 192.168.30.254/24

Route add -net 192.168.10.0/24 gw 192.168.20.1

Route add default gw 192.168.30.1

Machine S :

Ifconfig eth0 192.168.30.11/24

Route add -net 192.168.20.0/24 gw 192.168.30.254

Route add -net 192.168.10.0/24 gw 192.168.30.254

Route add default gw 192.168.30.1

Iptables -I INPUT

-s 192.168.10.12/32

-j ACCEPT

Iptables -I INPUT

-s 192.168.20.12/32

-j ACCEPT

Iptables -P INPUT DROP

Routeur Rx :

Ifconfig eth0 192.168.30.0/24

Ifconfig eth0 192.168.3.1/24

Route add -net 192.168.20.0/24 gw 192.168.30.254

Route add -net 192.168.10.0/24 gw 192.168.10.254

Route add default gw 192.168.3.2

Gateway G1:

Ifconfig eth0 192.168.3.2/24