!

! ============

! R1 - Site A

! ============

hostname R1

!

enable secret cisco

no ip domain-lookup

!

! --- OSPF ---

router ospf 1

network 172.0.0.0 0.255.255.255 area 0

network 10.0.0.0 0.255.255.255 area 0

log-adjacency-changes

!

! --- Interfaces LAN ---

interface GigabitEthernet0/0

description Vers Switch Core (SW-L3 #1)

ip address 172.33.80.1 255.255.255.0

ip nat inside

no shutdown

!

interface GigabitEthernet0/1

description Vers Switch Backup (SW-L3 #2)

ip address 172.33.90.1 255.255.255.0

ip nat inside

no shutdown

!

! --- Interface WAN ---

interface GigabitEthernet0/2

description Connexion WAN / Internet

ip address 10.7.1.1 255.0.0.0

ip nat outside

no shutdown

!

! --- Tunnel GRE ---

interface Tunnel1

description Tunnel GRE vers R2 (Site B)

**ip address 50.50.50.1 255.255.255.0**

tunnel source GigabitEthernet0/2

tunnel destination 10.7.2.1

ip nat inside

no shutdown

!

ip nat inside source list 2 interface GigabitEthernet0/2 overload

ip nat inside source list 5 interface GigabitEthernet0/2 overload

ip route 0.0.0.0 0.0.0.0 10.0.0.1

ip route 172.32.0.0 255.255.0.0 **50.50.50.2**

access-list 2 permit 172.32.0.0 0.0.255.255

access-list 2 permit 172.33.0.0 0.0.255.255

access-list 5 permit 10.0.0.0 0.255.255.255

R1#sh run

Building configuration...

Current configuration : 2430 bytes

!

! Last configuration change at 20:47:44 UTC Tue Jan 14 2025

!

version 15.6

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R1

!

boot-start-marker

boot-end-marker

!

!

enable secret 5 $1$1q4k$D1ZpOS9YUIwunZ/Omwjmv0

!

no aaa new-model

ethernet lmi ce

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name societe7.lan

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

license udi pid CISCO2911/K9 sn FCZ211840CD

!

!

username remi privilege 15 secret 5 $1$ECwF$VdxZUpIZD0o8hGrPfEYR61

!

redundancy

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Tunnel1

description Tunnel GRE vers R2 (Site B)

ip address 50.50.50.1 255.255.255.0

ip nat inside

ip virtual-reassembly in

tunnel source GigabitEthernet0/2

tunnel destination 10.7.2.1

!

interface Embedded-Service-Engine0/0

no ip address

shutdown

!

interface GigabitEthernet0/0

description Vers Switch Core (SW-L3 #1)

ip address 172.33.80.1 255.255.255.0

ip nat inside

ip virtual-reassembly in

duplex auto

speed auto

!

interface GigabitEthernet0/1

description Vers Switch Backup (SW-L3 #2)

ip address 172.33.90.1 255.255.255.0

ip nat inside

ip virtual-reassembly in

duplex auto

speed auto

!

interface GigabitEthernet0/2

description Connexion WAN / Internet

ip address 10.7.1.1 255.0.0.0

ip nat outside

ip virtual-reassembly in

duplex auto

speed auto

!

interface Serial0/0/0

no ip address

shutdown

!

interface Serial0/0/1

no ip address

shutdown

clock rate 2000000

!

router ospf 1

network 10.0.0.0 0.255.255.255 area 0

network 172.0.0.0 0.255.255.255 area 0

!

ip forward-protocol nd

!

no ip http server

no ip http secure-server

!

ip nat inside source list 2 interface GigabitEthernet0/2 overload

ip nat inside source list 5 interface GigabitEthernet0/2 overload

ip route 0.0.0.0 0.0.0.0 10.0.0.1

ip route 172.32.0.0 255.255.0.0 50.50.50.2

ip ssh version 2

!

!

!

access-list 2 permit 172.32.0.0 0.0.255.255

access-list 2 permit 172.33.0.0 0.0.255.255

access-list 2 permit 172.33.80.0 0.0.0.255

access-list 2 permit 172.33.90.0 0.0.0.255

access-list 5 permit 10.0.0.0 0.255.255.255

!

control-plane

!

!

!

line con 0

line aux 0

line 2

no activation-character

no exec

transport preferred none

transport output pad telnet rlogin lapb-ta mop udptn v120 ssh

stopbits 1

line vty 0 4

login local

transport input ssh

transport output ssh

!

scheduler allocate 20000 1000

!

end