Configuration de Memory

HUB: ISI-SUPTECH

Configuration de Base

- Configuration des interfaces

```
conf t
int g1/0
ip add 150.1.1.1 255.255.255.0
no sh
int f0/0
ip add 50.10.1.1 255.255.255.0
no sh
int f2/0
ip add 172.16.1.1 255.255.255.0
no sh
end
```

- Configuration des route par défaut

```
conf t
ip route 0.0.0.0 0.0.0.0 150.1.1.2
```

- Configuration du EIGRP

```
router eigrp 1
network 50.10.1.0
network 172.16.1.0
network 10.10.1.0
end
```

Configuration de IPSec

```
crypto isakmp policy 10
authen pre-share
encryption 3des
hash md5
group 2
exit
crypto isakmp key dmvpn
address 0.0.0.0
crypto ipsec transform-set
tset esp-3des esp-sha-hmac
mode transport
exit
crypto ipsec profil isi
set transform-set tset
 exit
interfAce tunnel 1
tunnel protection ipsec
profile isi
interface tunnel 1
ip nhrp redirect
```

Configuration tunnel

```
conf t
int tunnel 1
tunnel source g1/0
tunnel mode gre multipoint
ip add 10.10.1.1
255.255.255.0
no sh
ip nhrp network-id 1
tunnel key 123
ip nhrp authentication cisco
ip nhrp map multicast dynamic
no ip next-hop-self eigrp 1
no ip split-horizon eigrp 1
end
```

Spoke 1: ISI-MERE

Configuration de base

- Configuration des interfaces

```
conf t
int g1/0
ip add 199.1.1.1 255.255.255.0
no sh
int f0/0
ip add 60.10.1.1 255.255.255.0
no sh
int f2/0
ip add 172.16.2.1 255.255.255.0
no sh
end
```

- Configuration de route par défaut

```
conf t
ip route 0.0.0.0 0.0.0.0 199.1.1.2
```

- Configuration de eigrp

```
conf t
router eigrp 1
network 172.16.2.0
network 60.10.1.0
network 10.10.1.0
end
```

Configuration IPSec

```
crypto isakmp policy 10
authen pre-share
encryption 3des
hash md5
group 2
exit
crypto isakmp key dmvpn
address 0.0.0.0
crypto ipsec transform-set
tset esp-3des esp-sha-hmac
mode transport
exit
crypto ipsec profil isi
set transform-set tset
 exit
interfAce tunnel 1
tunnel protection ipsec
profile isi
interface tunnel 1
ip nhrp shortcut
```

Configuration du tunnel

```
conf t
int tunnel 1
tunnel source g1/0
tunnel mode gre multipoint
ip add 10.10.1.2 255.255.255.0
no sh
ip nhrp network-id 1
tunnel key 123
ip nhrp authentication cisco
ip nhrp map multicast 150.1.1.1
ip nhrp map 10.10.1.1 150.1.1.1
ip nhrp nhs 10.10.1.1
end
```

Spoke 2: ISI-MAURITANIE

Configuration de base

- Configuration des interfaces

```
conf t
int g1/0
ip add 25.1.1.1 255.255.255.0
no sh
int f2/0
ip add 70.10.1.1 255.255.255.0
no sh
int f0/0
ip add 172.16.3.1 255.255.255.0
no sh
end
```

- Configuration de route par défaut

```
conf t
ip route 0.0.0.0 0.0.0.0 25.1.1.2
```

- Configuration de eigrp

```
conf t
router eigrp 1
network 172.16.3.0
network 70.10.1.0
network 10.10.1.0
end
```

Configuration IPSec

```
crypto isakmp policy 10
authen pre-share
encryption 3des
hash md5
group 2
exit
crypto isakmp key dmvpn
address 0.0.0.0
crypto ipsec transform-set
tset esp-3des esp-sha-hmac
mode transport
exit
crypto ipsec profil isi
set transform-set tset
 exit
interfAce tunnel 1
tunnel protection ipsec
profile isi
interface tunnel 1
ip nhrp shortcut
```

Configuration du tunnel

```
conf t
int tunnel 1
tunnel source g1/0
tunnel mode gre multipoint
ip add 10.10.1.3 255.255.255.0
no sh
ip nhrp network-id 1
tunnel key 123
ip nhrp authentication cisco
ip nhrp map multicast
150.1.1.1
ip nhrp map 10.10.1.1
150.1.1.1
ip nhrp nhs 10.10.1.1
end
```

Spoke 3: ISI-KEUR_MASSAR

Configuration de base

- Configuration des interfaces

```
conf t
int g1/0
ip add 200.1.1.1 255.255.255.0
no sh
int f0/0
ip add 80.10.1.1 255.255.255.0
no sh
int f2/0
ip add 172.16.4.1 255.255.255.0
no sh
```

Configuration IPSec

```
crypto isakmp policy 10
authen pre-share
encryption 3des
hash md5
group 2
exit
crypto isakmp key dmvpn address
0.0.0.0
crypto ipsec transform-set tset
esp-3des esp-sha-hmac
```

Configuration du tunnel

```
conf t
int tunnel 1
tunnel source g1/0
tunnel mode gre multipoint
ip add 10.10.1.4
255.255.255.0
no sh
ip nhrp network-id 1
tunnel key 123
ip nhrp authentication cisco
```

```
int f2/0
ip add 172.16.4.1 255.255.255.0
no sh
end
```
- Configuration de route par défaut
```
conf t
ip route 0.0.0.0 0.0.0.0 200.1.1.2
```
- Configuration de eigrp
```
conf t
router eigrp 1
network 172.16.4.0
network 80.10.1.0
network 10.10.1.0
end
```

```
0.0.0.0
crypto ipsec transform-set tset
esp-3des esp-sha-hmac
mode transport
exit
crypto ipsec profil isi
set transform-set tset
 exit
interfAce tunnel 1
tunnel protection ipsec profile
isi
interface tunnel 1
ip nhrp shortcut
```

```
ip nhrp network-id 1
tunnel key 123
ip nhrp authentication cisco
ip nhrp map multicast
150.1.1.1
ip nhrp map 10.10.1.1
150.1.1.1
ip nhrp nhs 10.10.1.1
end
```

FAI: INTERNET

- Configuration des interfaces
```
conf t
int g1/0
ip add 150.1.1.2 255.255.255.0
no sh
int g2/0
ip add 199.1.1.2 255.255.255.0
no sh
int g3/0
ip add 25.1.1.2 255.255.255.0
no sh
int g4/0
ip add 200.1.1.2 255.255.255.0
no sh
end
```
- Configuration des routes static
```
conf t
ip route 50.10.1.0 255.255.255.0 150.1.1.1
ip route 172.16.1.0 255.255.255.0 150.1.1.1
ip route 60.10.1.0 255.255.255.0 199.1.1.1
```

```
ip route 172.16.2.0 255.255.255.0 199.1.1.1
ip route 70.10.1.0 255.255.255.0 25.1.1.1
ip route 172.16.3.0 255.255.255.0 25.1.1.1
ip route 80.10.1.0 255.255.255.0 200.1.1.1
ip route 172.16.4.0 255.255.255.0 200.1.1.1
end
```