

switch HP (VLAN 20)

```
configure
vlan 20
name "vlan20"
exit

vlan 20
tagged <port relié au routeur>
exit
write memory
```

switch Cisco (VLAN 210)

```
enable
conf t
vlan 210
name vlan210
exit

interface fa0/1
switchport mode trunk
switchport trunk allowed vlan 210
exit
```

routeur Cisco 1941

```
enable  
conf t
```

```
interface g0/0.210  
encapsulation dot1Q 210  
ip address 192.168.210.1 255.255.255.0  
ip nat inside  
no shutdown
```

```
interface g0/1.20  
encapsulation dot1Q 20  
ip address 192.168.20.1 255.255.255.0  
ip nat outside  
no shutdown
```

```
access-list 1 permit 10.138.210.0 0.0.0.255  
ip nat inside source list 1 interface gig0/1.20 overload  
  
ip route 0.0.0.0 0.0.0.0 10.138.20.254
```

```
exit  
wr
```

Vérifications

Sur chaque switch, vérifie les VLAN :

Cisco : show vlan brief

HP : show vlan

Vérifie les trunks :

Cisco : show interfaces trunk

HP : show interfaces brief

Vérification de la translation de l'ip via le routeur :

sh ip interface brief

sh ip nat translations