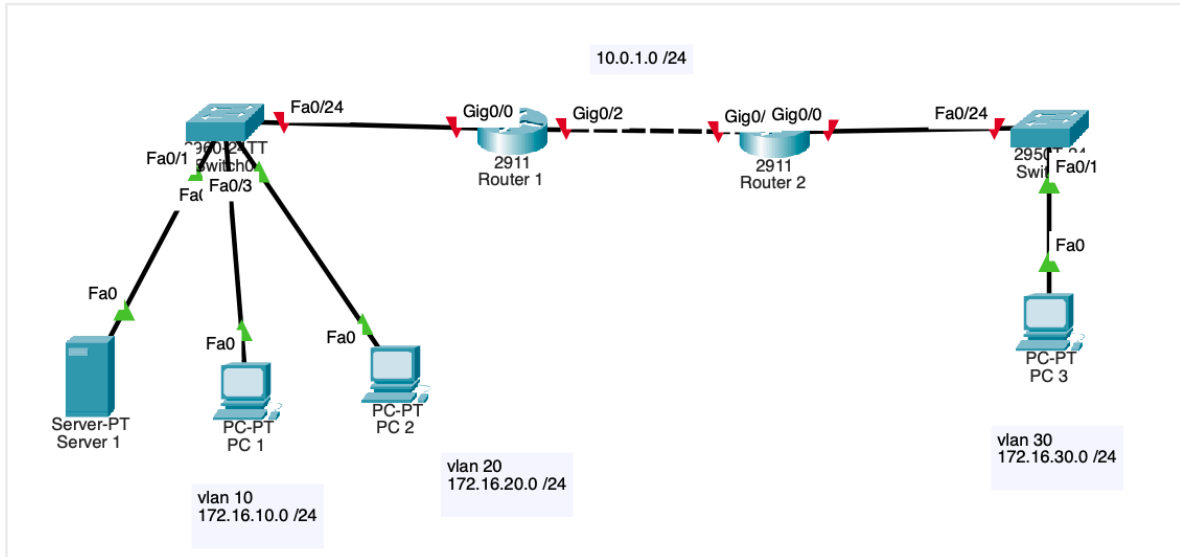


# TP 1 Tutoré

## Rodrigues 10/09

### Serveur DHCP



À mettre dans le script du routeur dans les sous interfaces : Ip helper-add \*adresse du serveur\*

Ne pas la mettre dans la même sous interfaces du vlan du routeur

### OSPF

Mettre que des adresses réseaux

C'est

Router ospf 1

```
netw 10.0.10.0 0.0.0.255 area 0
```

```
netw 172.16.10.0 0.0.0.255 area 0
```

```
netw 172.16.20.0 0.0.0.255 area 0
```

```
netw 172.16.30.0 0.0.0.255 area 0
```

### Routeur 1

```
en
```

```
conf t
```

```
interface g0/2
```

```
ip address 10.0.10.1 255.255.255.0
```

```
no shutdown
```

```
ex
```

```
int gig0/0
```

```
no sh
```

ex

```
interface gig0/0.10
encapsulation dot1Q 10
ip address 172.16.10.254 255.255.255.0
no sh
ex
```

```
interface gig0/0.20
encapsulation dot1Q 20
ip address 172.16.20.254 255.255.255.0
ip helper-add 172.16.10.1
no sh
ex
```

```
Router ospf 1
Netw 10.0.10.0 0.0.0.255 area 0
Netw 172.16.10.0 0.0.0.255 area 0
Netw 172.16.20.0 0.0.0.255 area 0
Netw 172.16.30.0 0.0.0.255 area 0
```

ex

wr

### Switch 1

```
en
conf t
```

```
Vlan 10
Ex
Vlan 20
Ex
```

```
int r fa0/1-2
sw mode access
sw access vlan 10
ex
```

```
int r fa0/3
sw mode access
sw access vlan 20
ex
```

```
int fa0/24
sw m a
sw m trunk
ex
ex
```

```
wr
```

## Routeur 2

```
en
conf t
```

```
interface g0/2
ip address 10.0.10.2 255.255.255.0
no shutdown
ex
```

```
int gig0/0
no sh
ex
```

```
interface gig0/0.30
encapsulation dot1Q 30
ip address 172.16.30.254 255.255.255.0
ip helper-add 172.16.10.1
no sh
ex
```

## Router ospf 1

```
Netw 10.0.10.0 0.0.0.255 area 0
Netw 10.0.10.0 0.0.0.255 area 0
Netw 172.16.10.0 0.0.0.255 area 0
Netw 172.16.20.0 0.0.0.255 area 0
Netw 172.16.30.0 0.0.0.255 area 0
```

```
end
```

```
wr mem
```

## Switch 2

```
en
conf t
```

Vlan 30

Ex

```
int r fa0/1
```

```
sw mode access
```

```
sw access vlan 30
```

```
ex
```

```
int fa0/24
```

```
sw m a
```

```
sw m trunk
```

```
ex
```

```
ex
```

```
wr
```