

VOICI IP - CONFIGURATION FINALE



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Supervisor

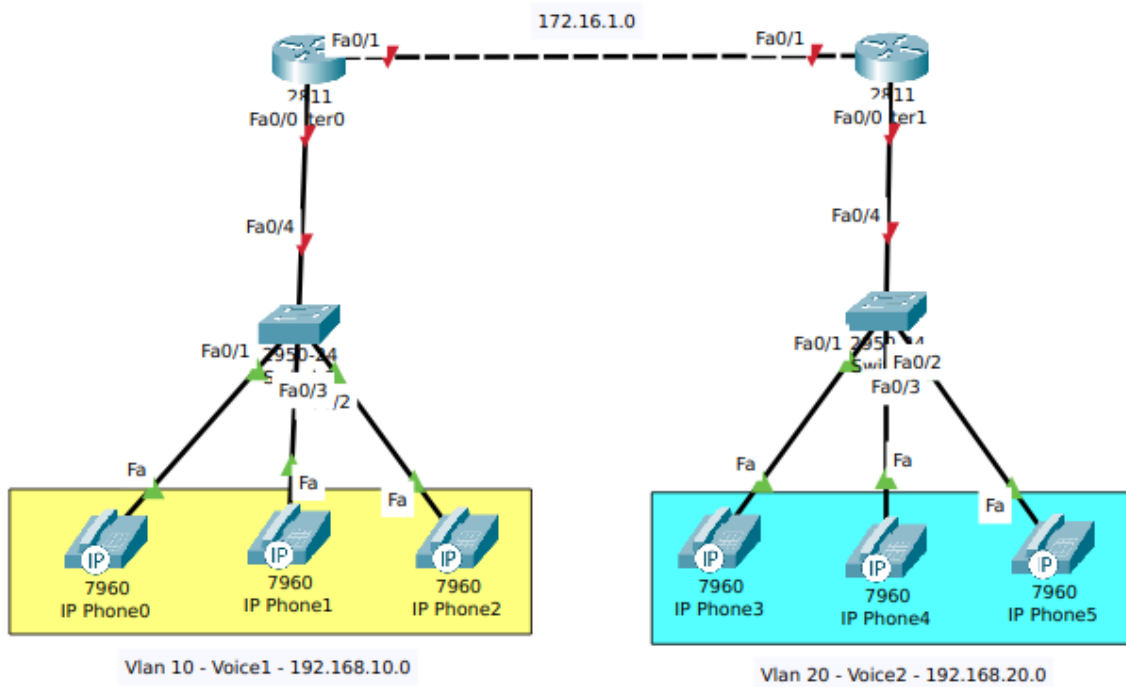
Pr VIDEME

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Topologie Logique

- Bleue : Département Génie Télécommunication - Vlan 20 - 192.168.20.0
- Jaune : Département Administration - Vlan 10 - 192.168.10.0



Configuration

- Département Administration

Switch



Vlan-Port Trunk-Port Access:

```
en
config t
hostname S-Admin
vlan 10
name Voice 1
exit
vlan 20
name Voice 2
exit
int f0/4
switchport mode trunk
exit
int range f0/1-3
switchport mode access
switchport voice vlan 10
exit
```

Router



Sous-Interface:

```
en
config t
hostname R_Admin
int f0/0
no sh
int fa0/0.10
encapsulation dot1q 10
ip add 192.168.10.1 255.255.255.0
no sh
exit
```



DHCP:

```
ip dhcp excluded 192.168.10.1
ip dhcp pool Voice1
network 192.168.10.0 255.255.255.0
default-router 192.168.10.1
option 150 ip 192.168.10.1
dns-server 8.8.8.8
exit
```



Téléphonie-Service:

```
telephony-service
max-dn 3
max-ephones 3
ip source-address 192.168.10.1 port 2000
ephone-dn 1
number 1010
ephone-dn 2
number 1020
ephone-dn 3
number 1030
exit
ephone 1
type 7960
button 1:1
ephone 2
type 7960
button 1:2
ephone 3
type 7960
button 1:3
exit
do copy run start
```

- Département Télécommunication

Switch



Vlan-Port Trunk-Port Access:

```
en
config t
hostname S-Télécom
vlan 10
name Voice 1
exit
vlan 20
name Voice 2
exit
int f0/4
switchport mode trunk
exit
int range f0/1-3
switchport mode access
switchport voice vlan 20
exit
```

Router



Sous-Interface:

```
en
config t
hostname R_Telecom
int f0/0
no sh
```

```
int fa0/0.20
encapsulation dot1q 20
ip add 192.168.20.1 255.255.255.0
no sh
int f0/1
no sh
ip add 172.16.1.2 255.255.255.0
exit
```



DHCP:

```
ip dhcp excluded 192.168.20.1
ip dhcp pool Voice2
network 192.168.20.0 255.255.255.0
default-router 192.168.20.1
option 150 ip 192.168.20.1
dns-server 8.8.8.8
exit
```



Téléphonie-Service:

```
telephony-service
max-dn 3
max-ephones 3
ip source-address 192.168.20.1 port 2000
ephone-dn 1
number 2010
ephone-dn 2
number 2020
ephone-dn 3
number 2030
exit
ephone 1
type 7960
button 1:1
ephone 2
type 7960
button 1:2
ephone 3
type 7960
button 1:3
exit
do copy run start
```



Route-Router Admin:

```
ip route 192.168.20.0 255.255.255.0 172.16.1.2
dial-peer voice 1 voip
session target ipv4:192.168.20.1
```

```
destination-pattern 2...  
exit
```



Route-Router Télécom:

```
ip route 192.168.10.0 255.255.255.0 172.16.1.1  
dial-peer voice 1 voip  
session target ipv4:192.168.10.1  
destination-pattern 1...  
exit
```

TEST

