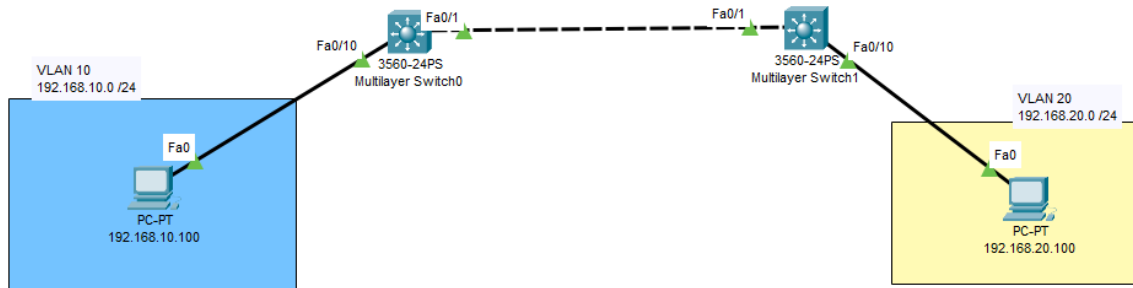# Ejemplo ospf intervlan

SW1

Crear vlans

Conf term

Vlan 10

Vlan 20

Configurar interfaz virtual vlan 10

Conf term

Interface vlan 10

Ip addres 192.168.10.1 255.255.255.0

No shutdown

Configurar interfaz de acceso vlan 10

Conf term

Interface fa 0/10

Switchport mode Access

Switchport access vlan 10

No shutdown

Configurar interfaz virtual 20

Conf term

Interface vlan 20

Ip address 192.168.20.2 255.255.255.0

No shutdown

SW2

Crear vlans

Conf term

Vlan 10

Vlan 20

Configurar interfaz virtual vlan 20

Conf term

Interface vlan 20

Ip address 192.168.20.1 255.255.255.0

No shutdown

Configurar interfaz de acceso vlan 20

Conf term

Interface fa 0/10

Switchport mode Access

Switchport access vlan 20

No shutdown

Configurar interfaz virtual vlan 10

Conf term

Interface vlan 10

Ip address 192.168.10.2 255.255.255.0

No shutdown

Configurar enlace trunk en SW1 Y SW2

Conf termi

Interface fa 0/1

switchport trunk encapsulation dot1q

switchport mode trunk

switchport trunk allowed vlan 10,20
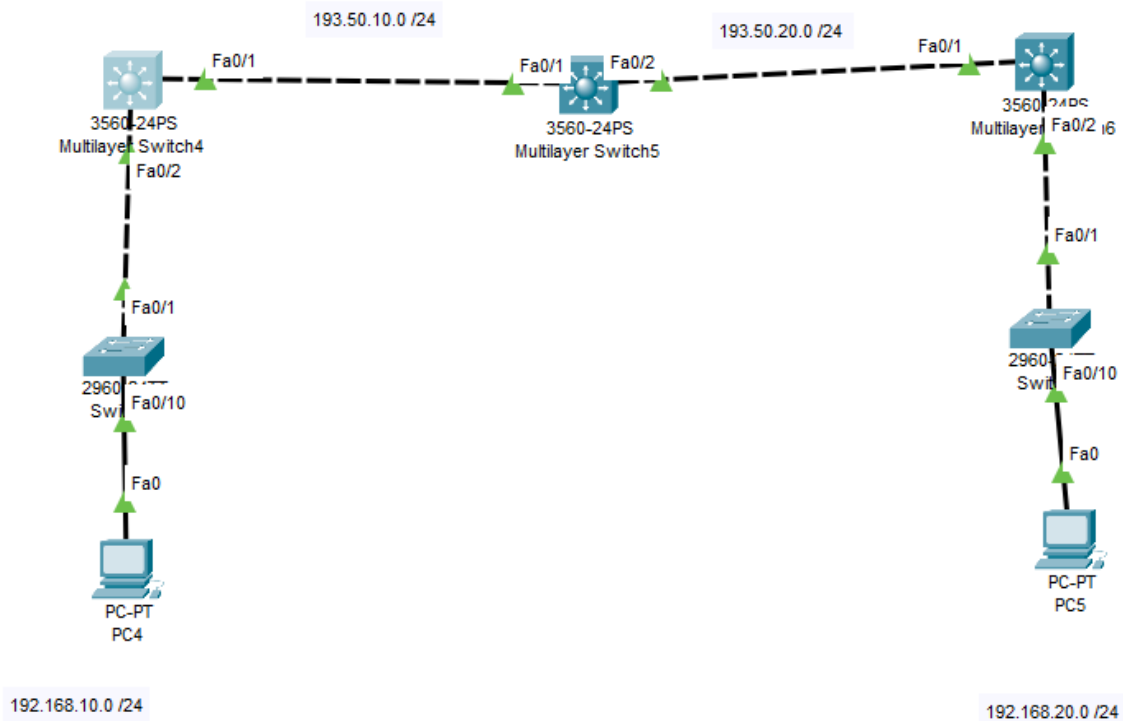
no shutdown

Configurar OSPF SW1 y SW2

Ip routing

router ospf 10

network 192.168.10.0 0.0.0.255 area 100

network 192.168.20.0 0.0.0.255 area 100

Ejemplo ospf redes


```
193.50.10.0 /24          193.50.20.0 /24
        Fa0/1      Fa0/1  Fa0/2          Fa0/1
   3560-24PS                               3560-24PS
   Multilayer Switch4    3560-24PS      Multilayer Fa0/2  6
        Fa0/2           Multilayer Switch5
                                              Fa0/1
        Fa0/1
   2960                                    2960
   Swi  Fa0/10                             Swi  Fa0/10
        Fa0                                     Fa0
   PC-PT                                   PC-PT
   PC4                                     PC5
192.168.10.0 /24                      192.168.20.0 /24
```

Configurar interfaz fa 1 y 2 en SW1

conf terminal

interface fastEthernet 0/1

no switchport

ip address 193.50.10.1 255.255.255.0

no shutdown

exit

interface fastEthernet 0/2

no switchport

ip address 192.168.10.1 255.255.255.0

no shutdown

Configurar interfaz fa 1 y 2 en SW2

conf terminal

interface fastEthernet 0/1

no switchport

ip address 193.50.10.2 255.255.255.0

no shutdown

exit

interface fastEthernet 0/2

no switchport

ip address 193.50.20.2 255.255.255.0

no shutdown

Configurar interfaz fa 1 y 2 en SW3

conf terminal

interface fastEthernet 0/1

no switchport

ip address 193.50.20.1 255.255.255.0

no shutdown

exit

interface fastEthernet 0/2

no switchport
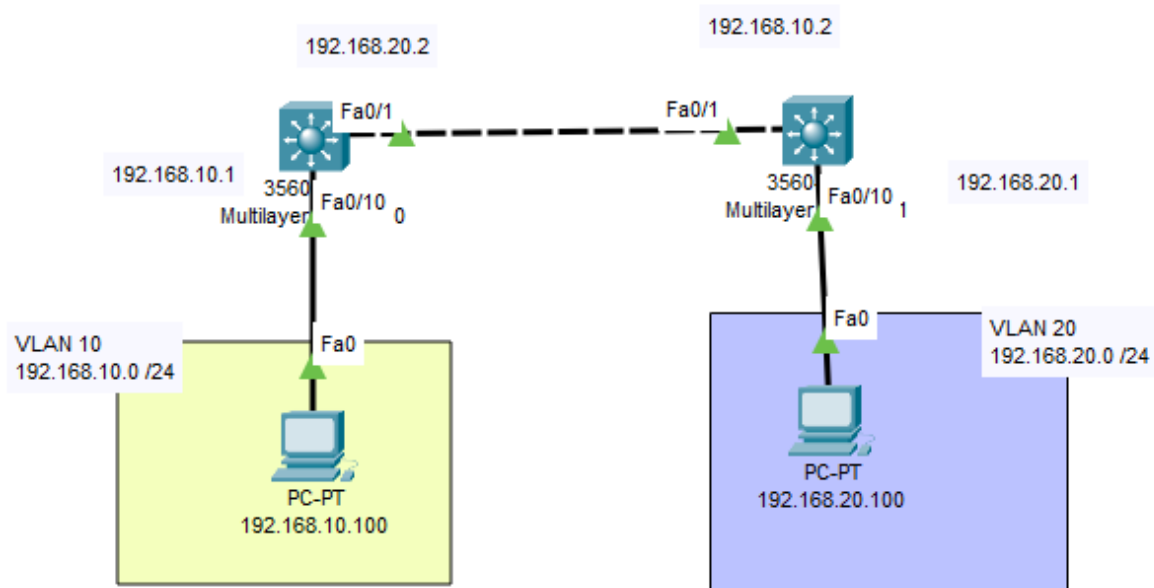
ip address 192.168.20.1 255.255.255.0

no shutdown

Configurar ospf en SW1, SW2 Y SW3

Ip routing

Router ospf id-proceso

Network red willd-card área num-area

Ejemplo eigrp

SW1

Crear vlans

Conf term

Vlan 10

Vlan 20

Configurar interfaz virtual vlan 10

Conf term

Interface vlan 10

Ip addres 192.168.10.1 255.255.255.0

No shutdown

Configurar interfaz de acceso vlan 10

Conf term

Interface fa 0/10

Switchport mode Access

Switchport access vlan 10

No shutdown

Configurar interfaz virtual 20

Conf term

Interface vlan 20

Ip address 192.168.20.2 255.255.255.0

No shutdown

SW2

Crear vlans

Conf term

Vlan 10

Vlan 20

Configurar interfaz virtual vlan 20

Conf term

Interface vlan 20

Ip address 192.168.20.1 255.255.255.0

No shutdown

Configurar interfaz de acceso vlan 20

Conf term

Interface fa 0/10

Switchport mode Access

Switchport access vlan 20

No shutdown

Configurar interfaz virtual vlan 10

Conf term

Interface vlan 10

Ip address 192.168.10.2 255.255.255.0

No shutdown

Configurar enlace trunk en SW1 Y SW2

Conf termi

Interface fa 0/1

switchport trunk encapsulation dot1q

switchport mode trunk

switchport trunk allowed vlan 10,20

no shutdown

Configurar EIGRP SW1 y SW2

Ip routing

Router eigrp 100

network 192.168.10.0

network 192.168.20.0