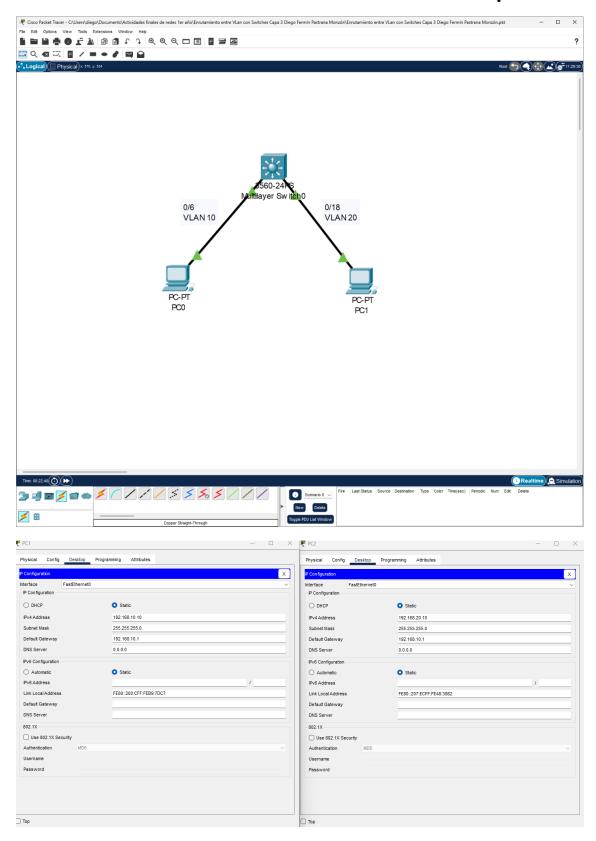
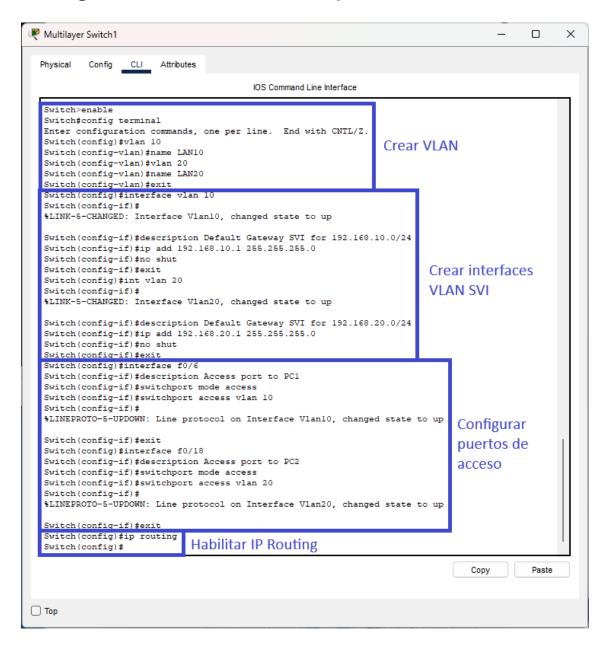
Enrutamiento entre VLAN con Switches Capa 3



Configuración de Switch de Capa 3

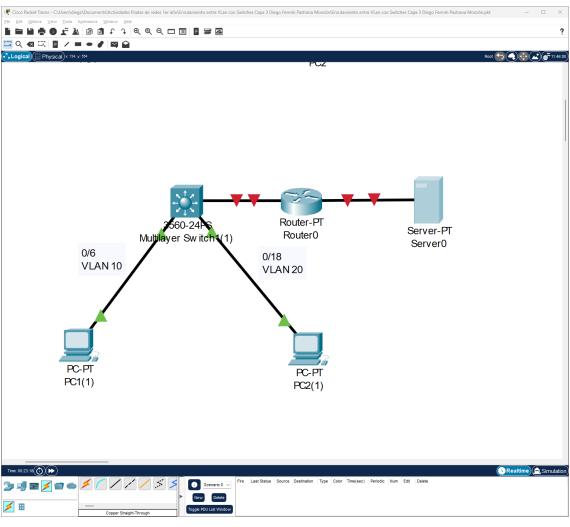


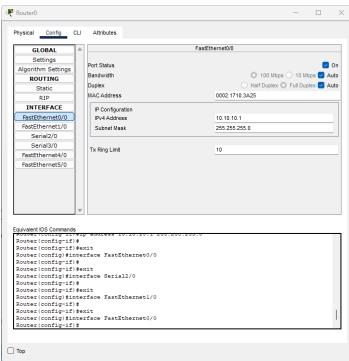
Verificación Routing Inter-VLAN de Switch de Capa 3

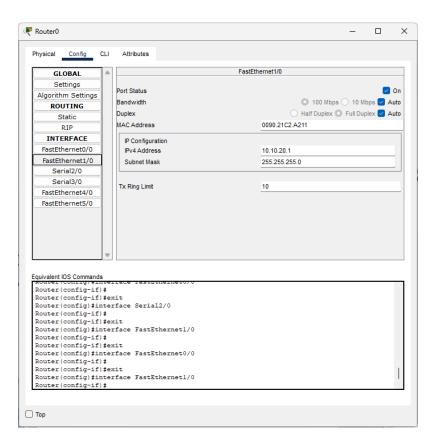
```
PC1
  Physical
         Config
                 Desktop Programming
                                       Attributes
  Command Prompt
  Cisco Packet Tracer PC Command Line 1.0
  C:\>ipconfig
  FastEthernet0 Connection: (default port)
      Connection-specific DNS Suffix..:
     Link-local IPv6 Address..... FE80::200:CFF:FEB9:7DC7
      IPv6 Address....::
     IPv4 Address...... 192.168.10.10
      Subnet Mask..... 255.255.255.0
     Default Gateway....:
                                      192.168.10.1
  Bluetooth Connection:
     Connection-specific DNS Suffix..:
Link-local IPv6 Address....:::
     IPv6 Address....: ::
     Subnet Mask..... 0.0.0.0
     Default Gateway....: ::
                                      0.0.0.0
  C:\>ping 192.168.20.10
  Pinging 192.168.20.10 with 32 bytes of data:
  Request timed out.
  Reply from 192.168.20.10: bytes=32 time<lms TTL=127
  Ping statistics for 192.168.20.10:
  Packets: Sent = 2, Received = 1, Lost = 1 (50% loss), Approximate round trip times in milli-seconds:
      Minimum = 0ms, Maximum = 0ms, Average = 0ms
  Control-C
  C:\>ping 192.168.20.10
  Pinging 192.168.20.10 with 32 bytes of data:
  Reply from 192.168.20.10: bytes=32 time<1ms TTL=127
  Reply from 192.168.20.10: bytes=32 time<1ms TTL=127
  Reply from 192.168.20.10: bytes=32 time<1ms TTL=127
  Reply from 192.168.20.10: bytes=32 time=5ms TTL=127
  Ping statistics for 192.168.20.10:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
      Minimum = 0ms, Maximum = 5ms, Average = 1ms
  C:\>
☐ Top
```

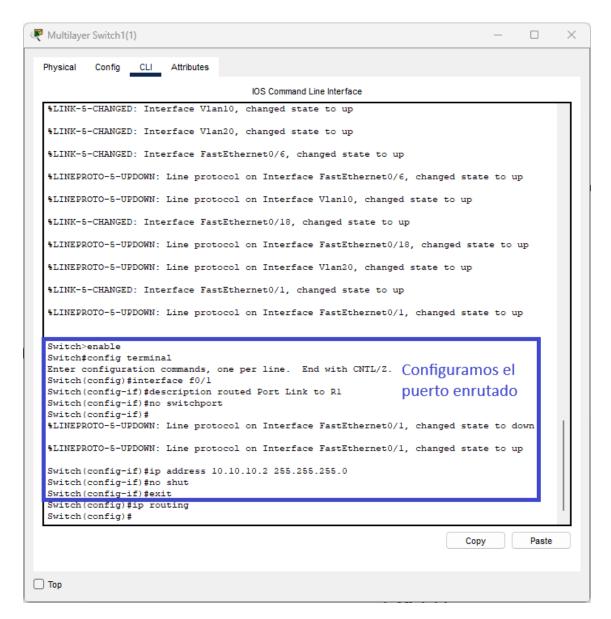
Verificamos y hacemos ping PC2

Escenario Enrutamiento en Switch de Capa 3

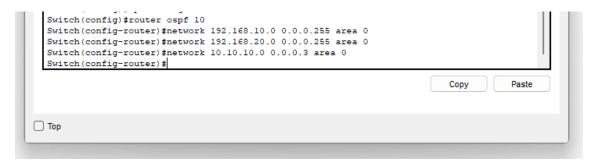








Y después activamos el IP Routing



Configurar el enrutamiento



Verificamos el enrutamiento

```
PC1(1)
                                                                                                            _ _
                                                                                                                             ×
  Physical
            Config Desktop Programming
                                                   Attributes
   Command Prompt
                                                                                                                          Х
   C:\>ping 10.10.10.0
   Pinging 10.10.10.0 with 32 bytes of data:
   Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
   Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
  Ping statistics for 10.10.10.0:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
   C:\>ping 10.10.10.0
   Pinging 10.10.10.0 with 32 bytes of data:
   Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
   Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
   Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
   Ping statistics for 10.10.10.0:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
   C:\>ping 10.10.10.0
   Pinging 10.10.10.0 with 32 bytes of data:
   Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
  Reply from 192.168.10.1: bytes=32 time<lms TTL=255
Reply from 192.168.10.1: bytes=32 time<lms TTL=255
   Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
   Ping statistics for 10.10.10.0:
   Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
   C:\>
□ Тор
```

Verificamos la conectividad