

**UNIVERSIDAD AUTONOMA DE CHIAPAS**  
**LIC. EN INGENIERÍA EN DESARROLLO Y**  
**TECNOLOGÍAS DE SOFTWARE**



Materia: Conmutadores y redes inalámbricas

Profesor: Dr. Luis Gutiérrez Alfaro

Actividad:

Act. 1.4 Realiza la práctica en Packet Tracert  
configuración de Vlans

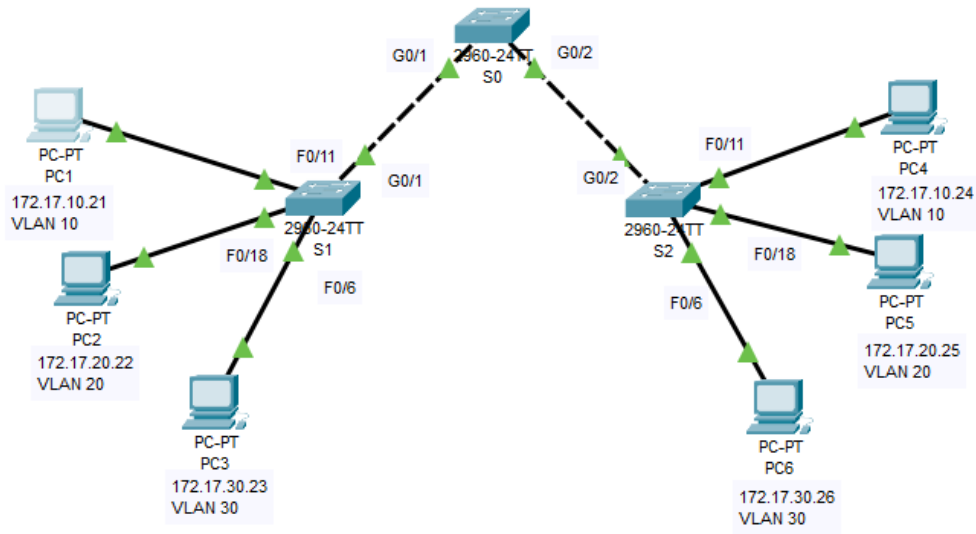
Alumno: Elían Guadalupe Díaz Balcázar

7° "N"

Matricula: A200178

Tuxtla Gutiérrez Chiapas a 19 de agosto del 2023

## 1. Dispositivos y conexiones que use.



## 2. Coloque el nombre y numero de la vlan

```
Press RETURN to get started!

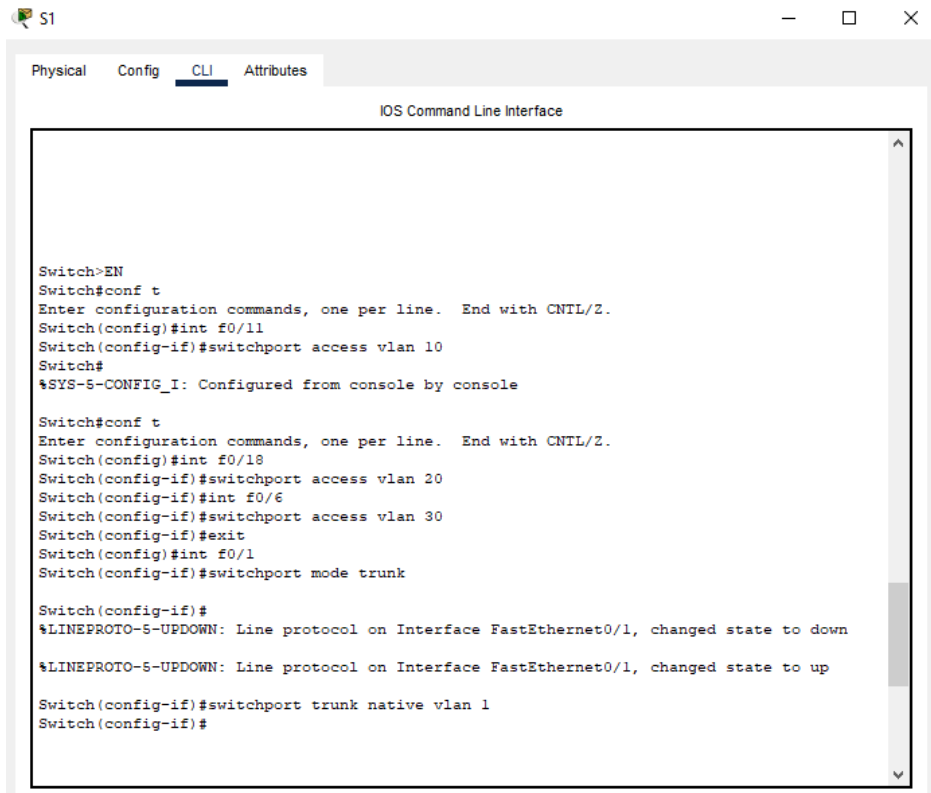
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
%LINK-5-CHANGED: Interface FastEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

Switch>EN
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 10
Switch(config-vlan)#name ADMIN1
Switch(config-vlan)#vlan 20
Switch(config-vlan)#name ADMIN2
Switch(config-vlan)#vlan 30
Switch(config-vlan)#name ADMIN3
Switch(config-vlan)#EXIT
Switch(config)#
```

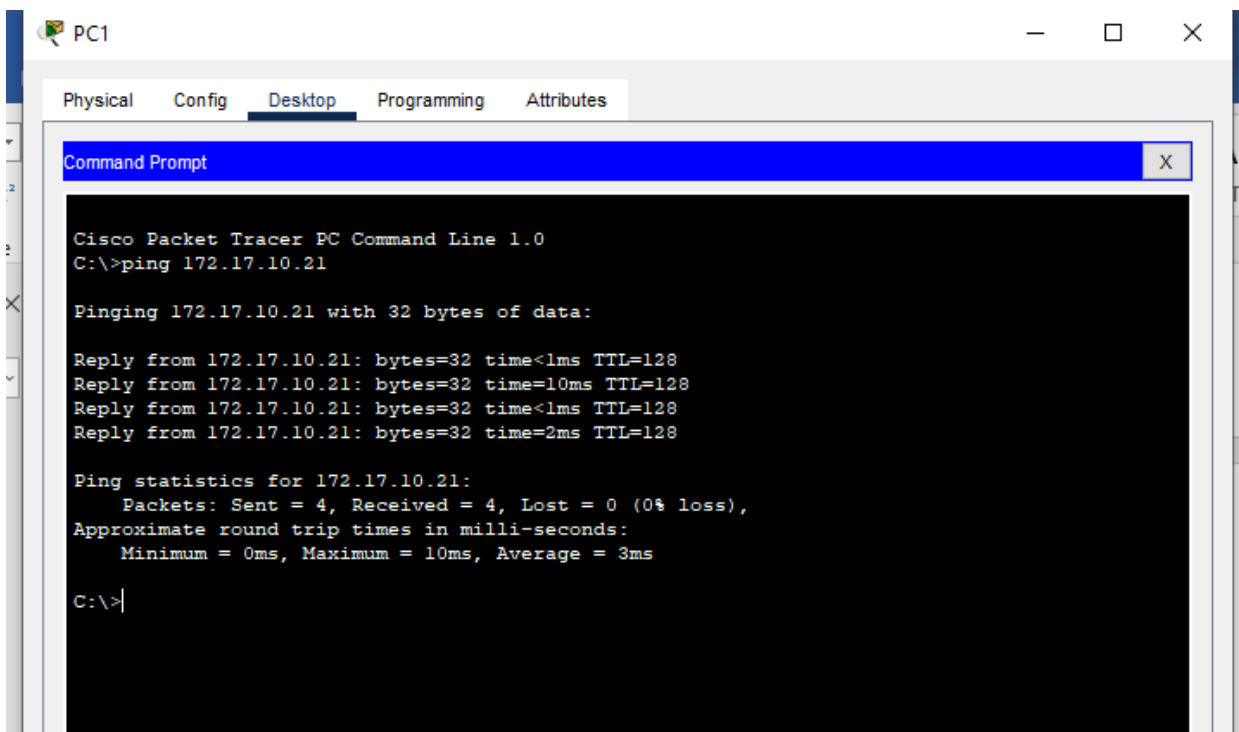
Copy

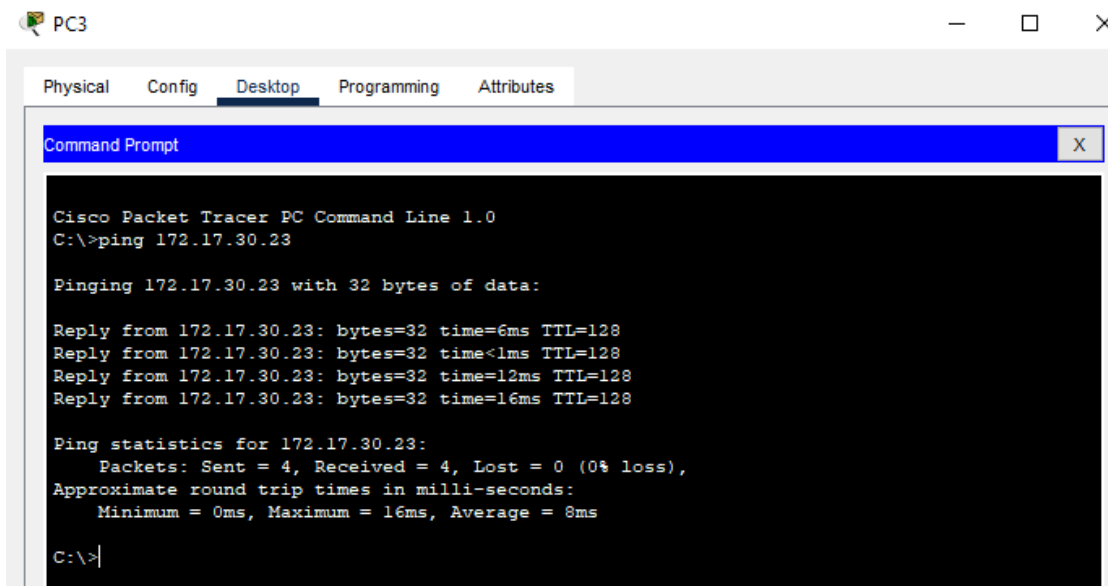
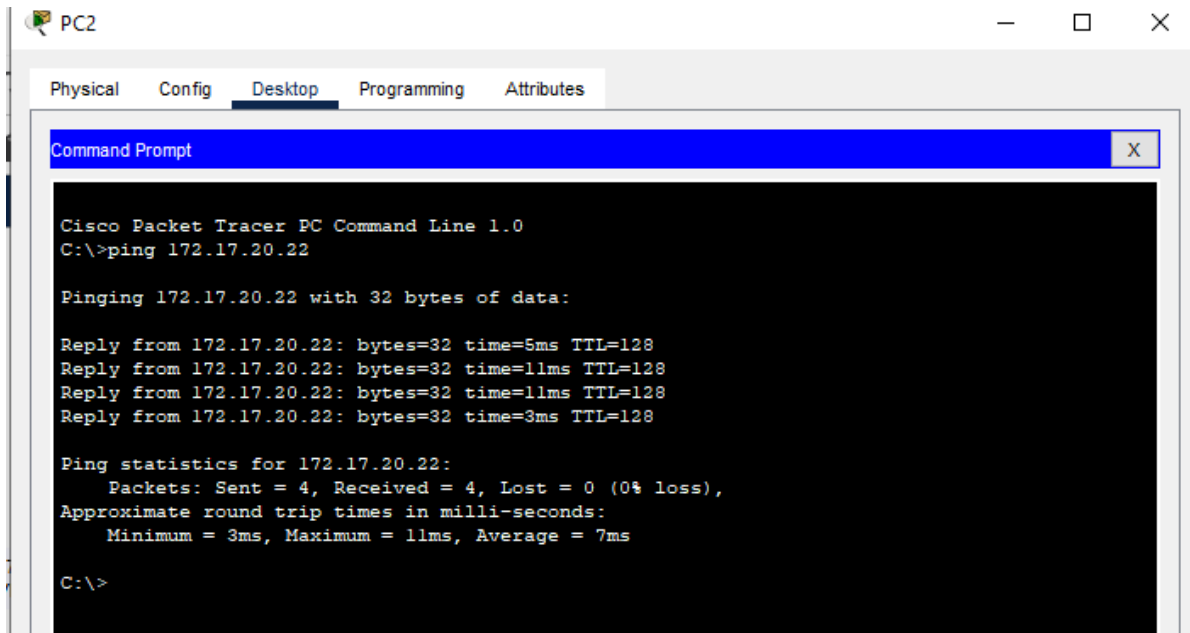
Paste

## 3. Cree enlaces troncales.



4. Por ultimo realice la comprobación de todos los equipos y ver que están en las vlans





PC4

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 172.17.10.24

Pinging 172.17.10.24 with 32 bytes of data:

Reply from 172.17.10.24: bytes=32 time=6ms TTL=128
Reply from 172.17.10.24: bytes=32 time=3ms TTL=128
Reply from 172.17.10.24: bytes=32 time=1ms TTL=128
Reply from 172.17.10.24: bytes=32 time=13ms TTL=128

Ping statistics for 172.17.10.24:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 13ms, Average = 5ms

C:\>
```

PC5

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 172.17.20.25

Pinging 172.17.20.25 with 32 bytes of data:

Reply from 172.17.20.25: bytes=32 time=7ms TTL=128
Reply from 172.17.20.25: bytes=32 time=11ms TTL=128
Reply from 172.17.20.25: bytes=32 time=14ms TTL=128
Reply from 172.17.20.25: bytes=32 time=14ms TTL=128

Ping statistics for 172.17.20.25:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 7ms, Maximum = 14ms, Average = 11ms

C:\>
```

