



UNIVERSIDAD AUTONOMA DE CHIAPAS

Act. 1.4 Realiza la Siguiente
práctica

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Software

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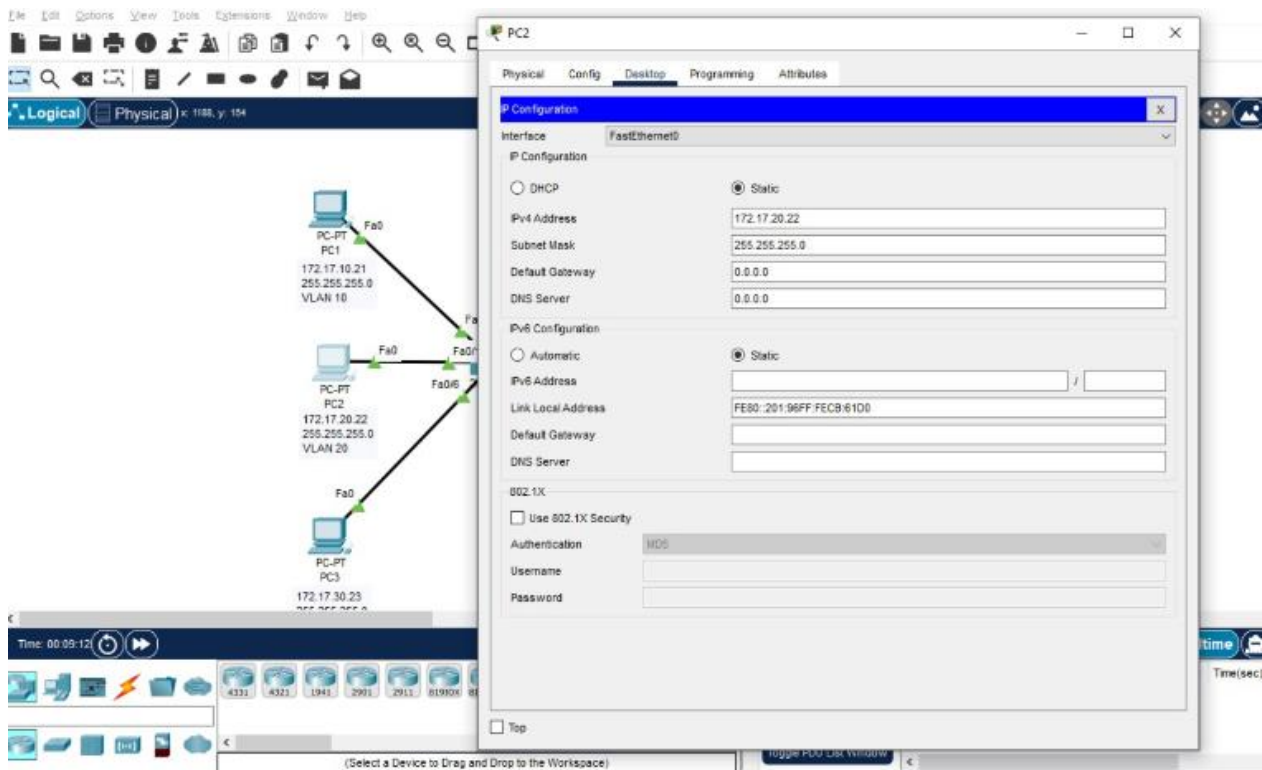
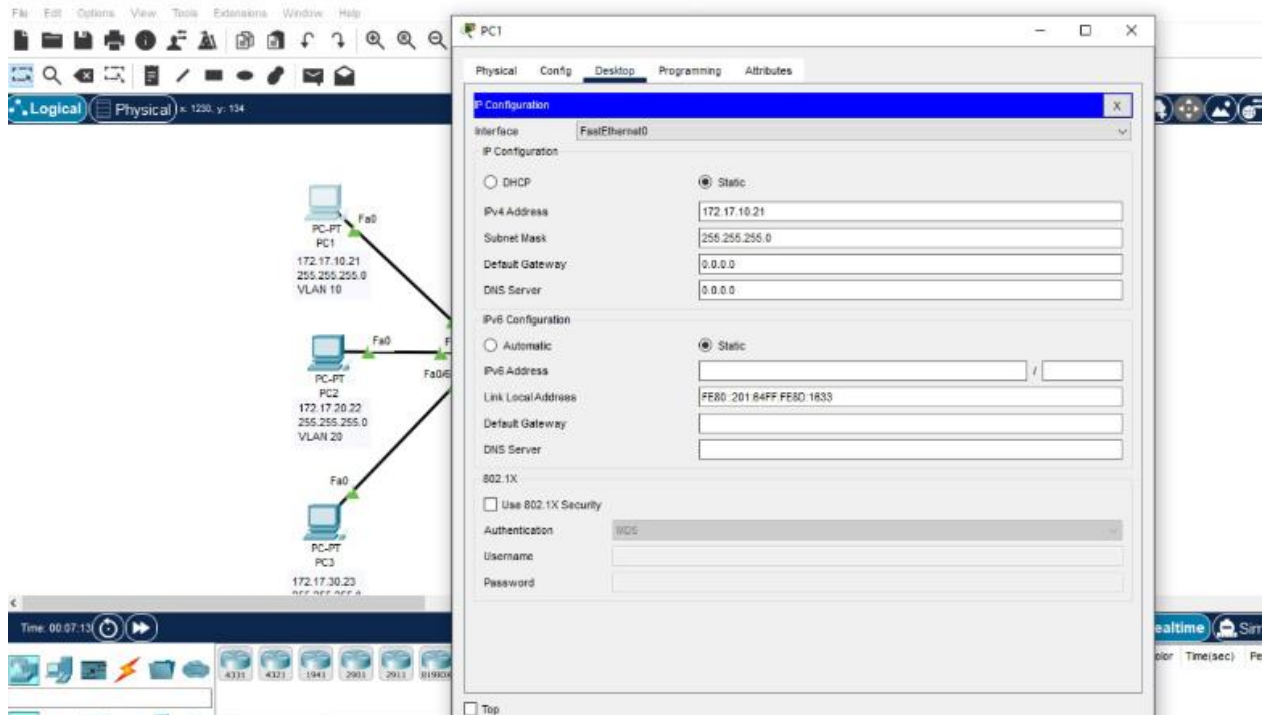
Semestre: 7° **Grupo:** M

Fecha: 19/08/2023

Materia: Conmutadores y Redes
Inalámbricas

Prof. Luis Alfaro

1. Asignar ips



2. Configurar nombre del host y las vlans

```
Switch>ena
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname S1
S1(config)#vlan 10
Switch(config-vlan)#name vlan10
S1(config-vlan)#exit
S1(config)#vlan 20
S1(config-vlan)#name vlan20
S1(config-vlan)#exit
S1(config)#vlan 30
S1(config-vlan)#name vlan30
S1(config-vlan)#exit
S1(config)#
```

```
Switch>ena
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname S2
S2(config)#vlan 10
S2(config-vlan)#name vlan10
S2(config-vlan)#exit
S2(config)#vlan 20
S2(config-vlan)#name vlan20
S2(config-vlan)#exit
S2(config)#vlan 30
S2(config-vlan)#name vlan30
S2(config-vlan)#exit
S2(config)#
```

```
Switch>ena
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname S3
S3(config)#vlan 10
S3(config-vlan)#name vlan10
S3(config-vlan)#exit
S3(config)#vlan 20
S3(config-vlan)#name vlan20
S3(config-vlan)#exit
S3(config)#vlan 30
S3(config-vlan)#name vlan30
S3(config-vlan)#exit
S3(config)#
```

3. Configuramos las vlans

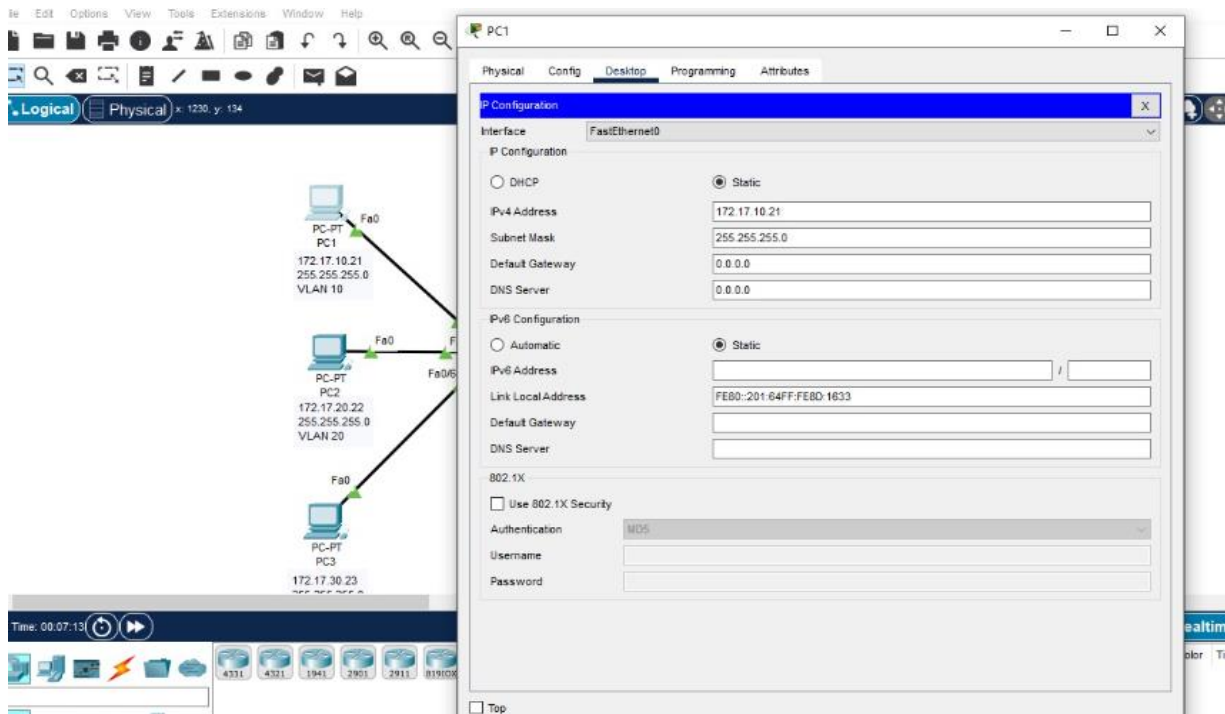
```
S1>ena
S1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
S1(config)#inter f0/11
S1(config-if)#switchport mode access
S1(config-if)#switchport access vlan 10
S1(config-if)#exit
S1(config)#inter f0/18
S1(config-if)#switchport mode access
S1(config-if)#switchport access vlan 20
S1(config-if)#exit
S1(config)#inter f0/6
S1(config-if)#switchport mode access
S1(config-if)#switchport access vlan 30
S1(config-if)#exit
S1(config)#
S1(config)#inter g 0/1
S1(config-if)#switchport mode trunk
```

```
S2>ena
S2#conf t
Enter configuration commands, one per line. End with CNTL/Z.
S2(config)#inter range gig0/1-2
S2(config-if-range)#switchport mode trunk
S2(config-if-range)#exit
S2(config)#
```

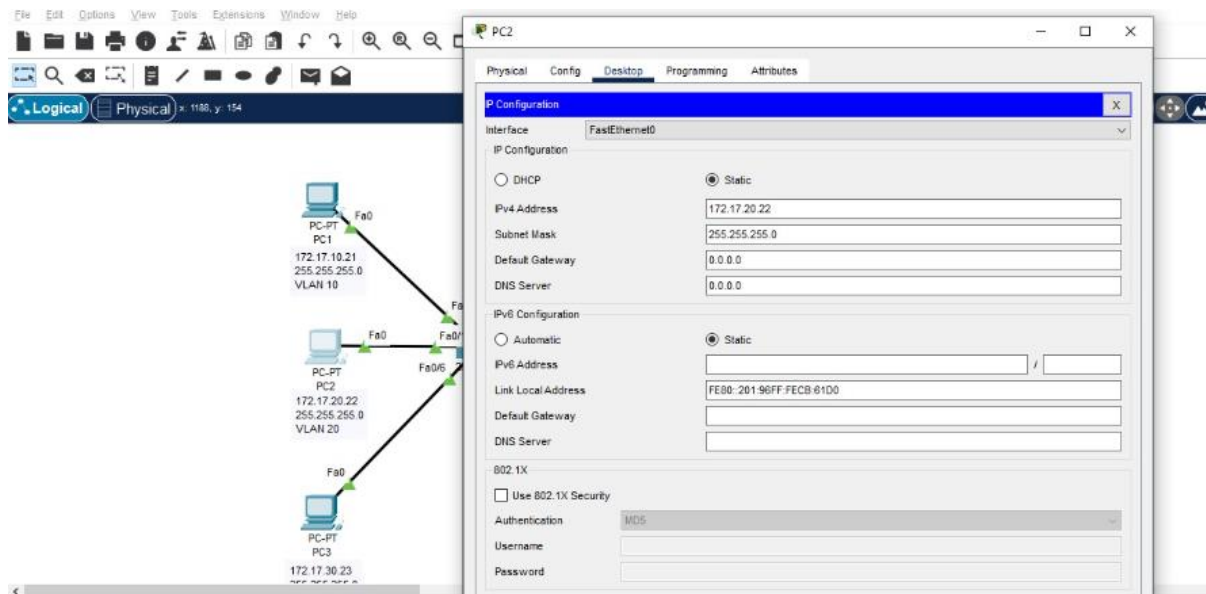
```
S3>ena
S3#conf t
Enter configuration commands, one per line. End with CNTL/Z.
S3(config)#inter f0/11
S3(config-if)#switchport mode access
S3(config-if)#switchport access vlan 10
S3(config-if)#exit
S3(config)#inter f0/18
S3(config-if)#switchport mode access
S3(config-if)#switchport access vlan 20
S3(config-if)#exit
S3(config)#inter f0/6
S3(config-if)#switchport mode access
S3(config-if)#switchport access vlan 30
S3(config-if)#exit
S3(config)#
S3(config)#inter g0/1
```

S3(config-if)#switchport mode trunk

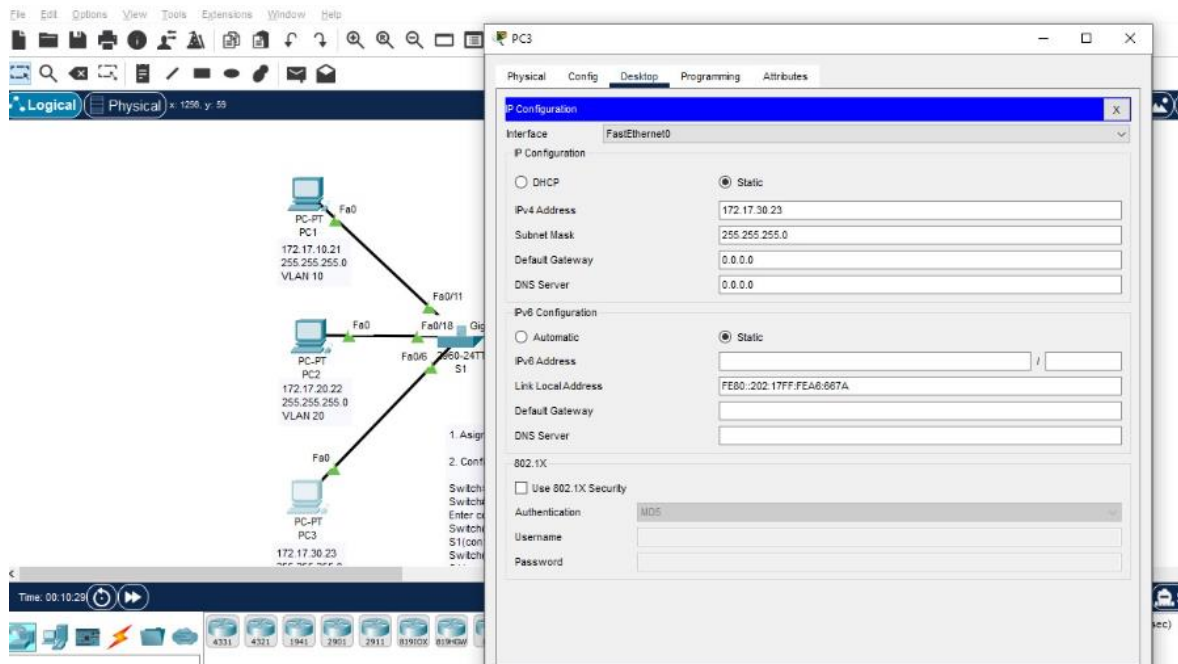
PC01



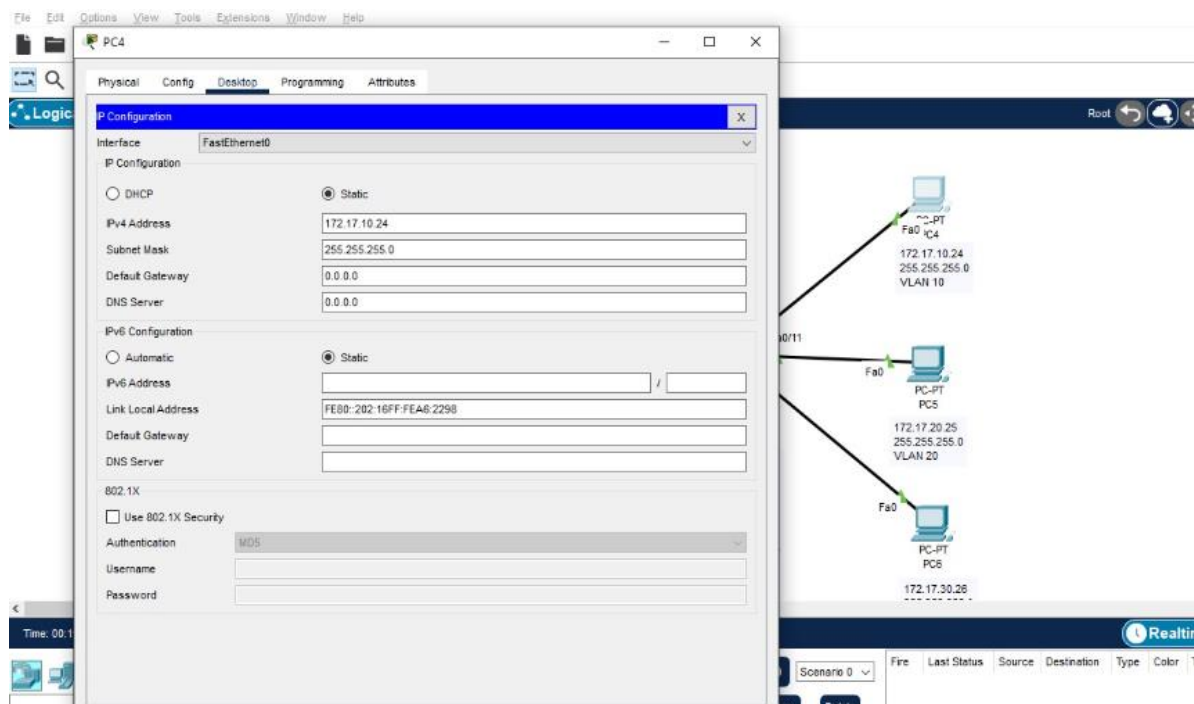
PC02



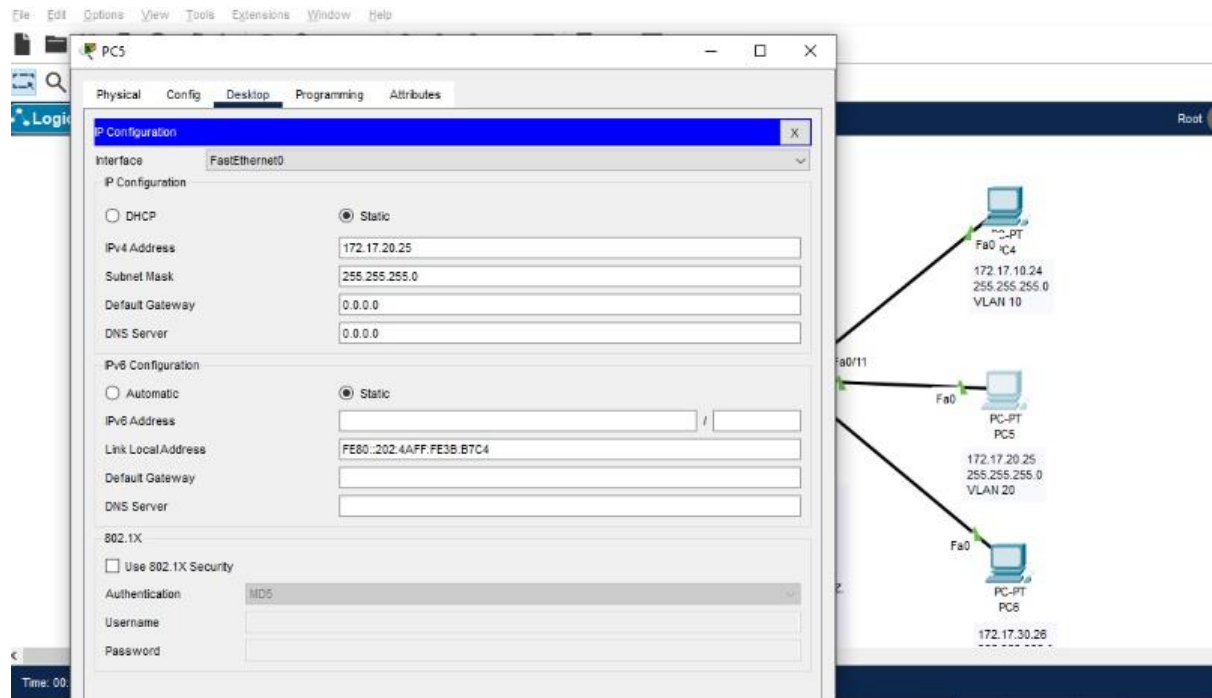
PC3



PC4



PC5



PC6

