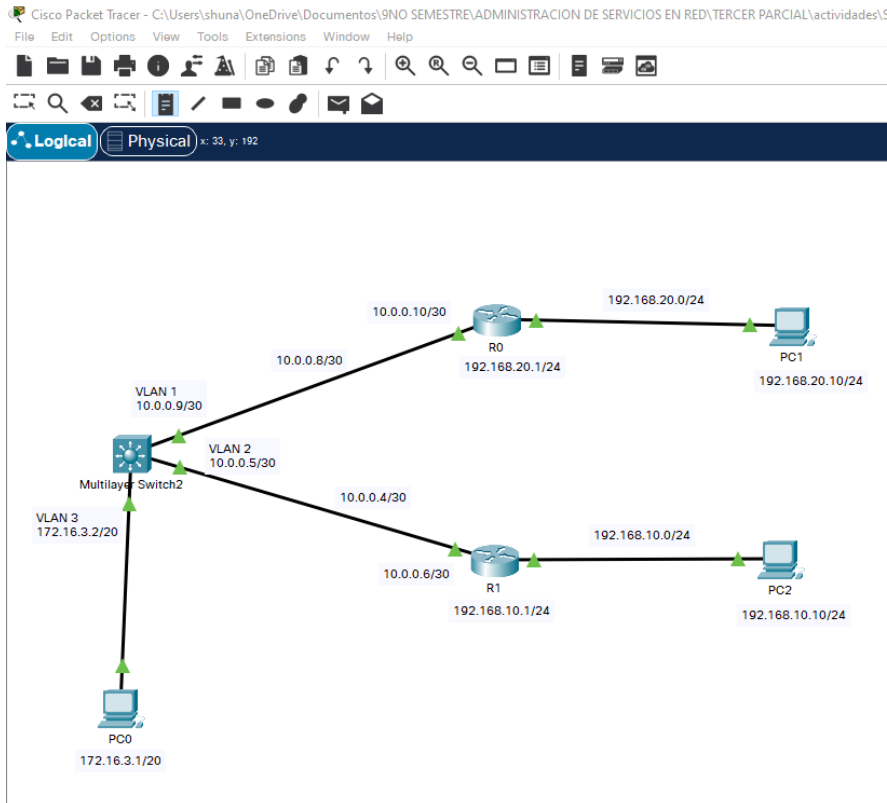


SWITCH MULTICAPA, VLAN, OSPF Y SNMP.

1. REPRODUCIR TOPOLOGÍA



2. CONFIGURAR ROUTER CON OSPF 30, ÁREA 30 Y DAR DE ALTA SUS RESPECTIVAS INTERFACES

R0

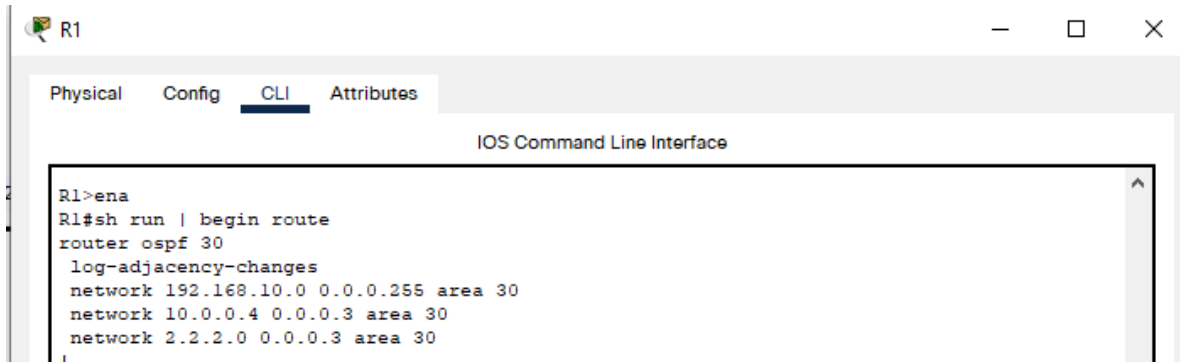
Physical Config CLI Attributes

IOS Command Line Interface

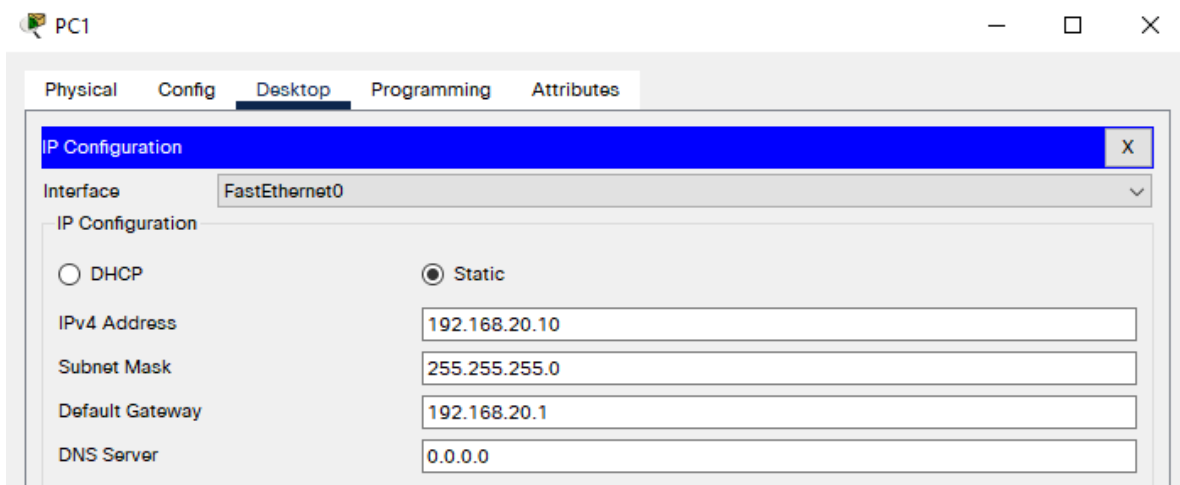
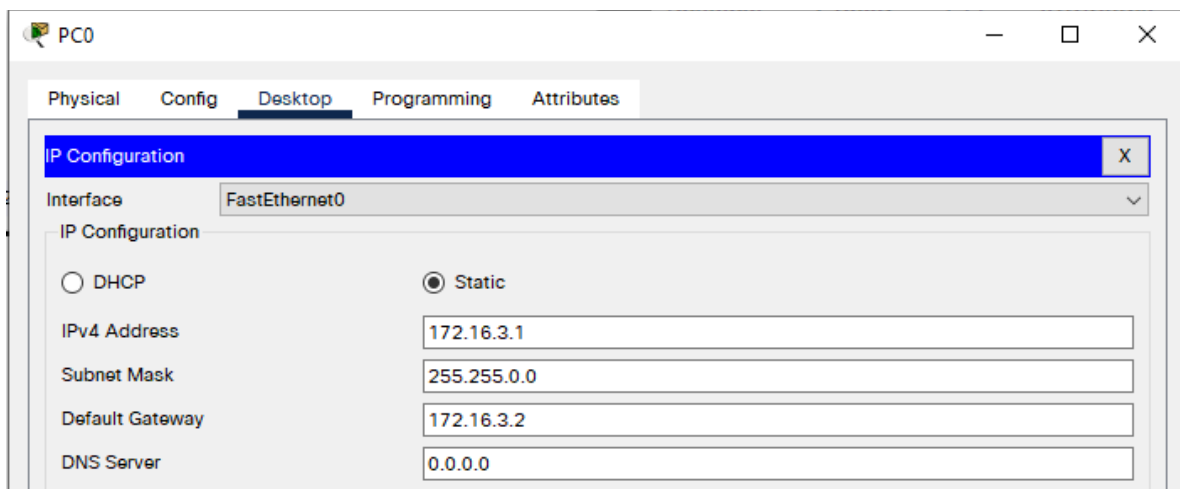
```
GDL>ena
GDL#sh run | begin route
router ospf 30
 log-adjacency-changes
 network 192.168.20.0 0.0.0.255 area 30
 network 10.0.0.8 0.0.0.3 area 30
!
ip classless
!
```

3.3 VLAN, OSPF, SNMP

Shu Nashy Nizarely Arellano Aguillón

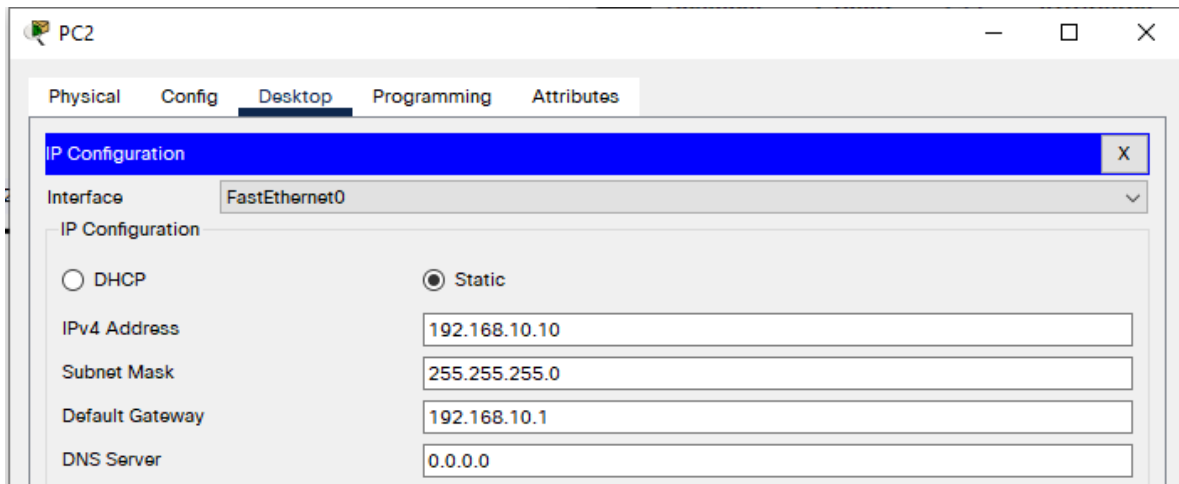


3. CONFIGURAR LAS RESPECTIVAS PC'S

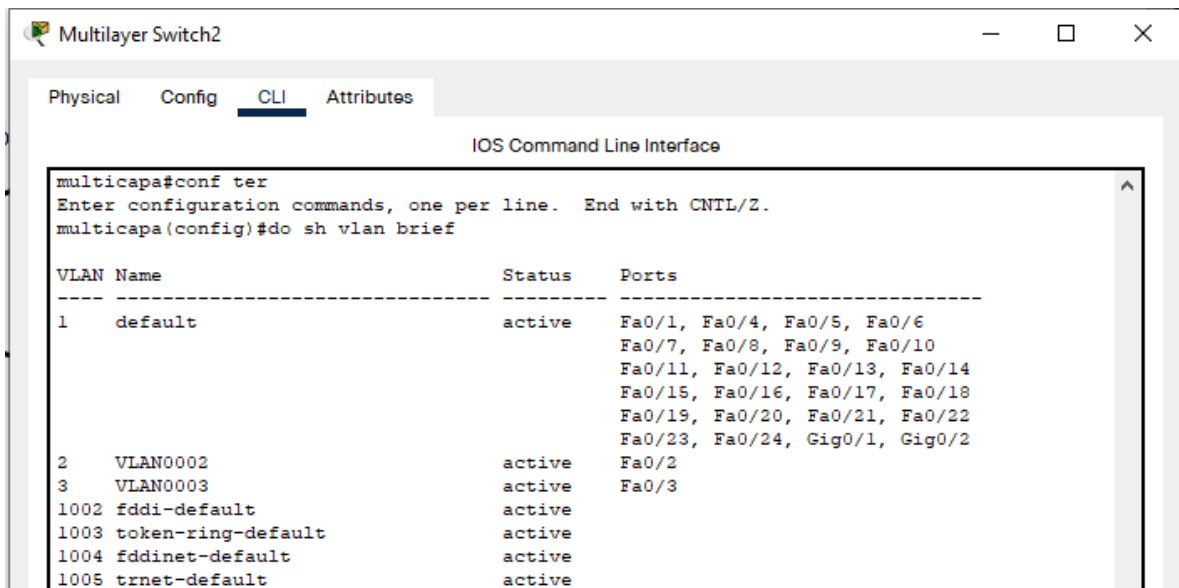


3.3 VLAN, OSPF, SNMP

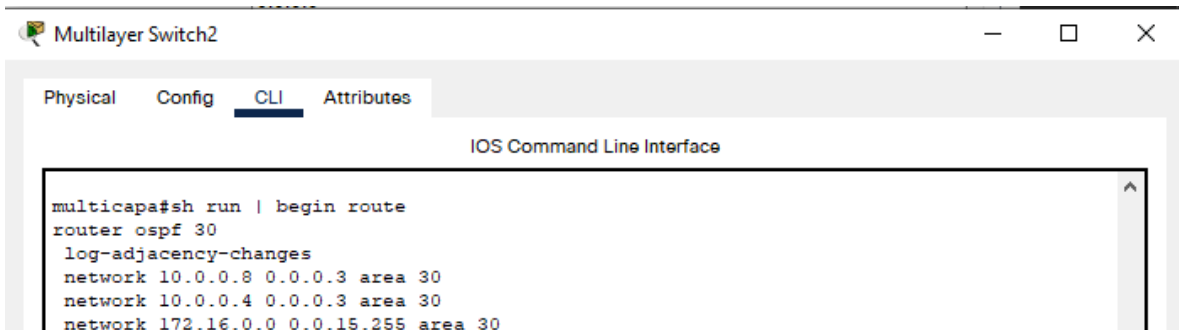
Shu Nashy Nizarely Arellano Aguillón



4. CONFIGURAR EN SWITCH MULTICAPA LA INTERFAZ DE VLAN 1 CON IP 10.0.0.9/30; VLAN2 CON IP 10.0.0.5/30 Y VLAN 3 CON IP 172.16.3.2/20









5. HABILITAR OSPF CON ID DEL PROCESO #30 Y ÁREA 30



3.3 VLAN, OSPF, SNMP

Shu Nashy Nizarely Arellano Aguillón

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC2	ICMP		0.000	N	20	(edit)	
	Successful	PC1	PC2	ICMP		0.000	N	21	(edit)	
	Successful	PC0	PC1	ICMP		0.000	N	22	(edit)	

6. CONFIGURAR EN LOS ROUTERS LAS COMUNIDADES SNMP: IPNREAD CON PERMISOS DE SOLO LECTURA; IPNWRITE CON PERMISOS DE LECTURA Y ESCRITURA

```
R0(config)#snmp-server community IPNread ro
R0(config)#snmp-server community IPNwrite rw
```

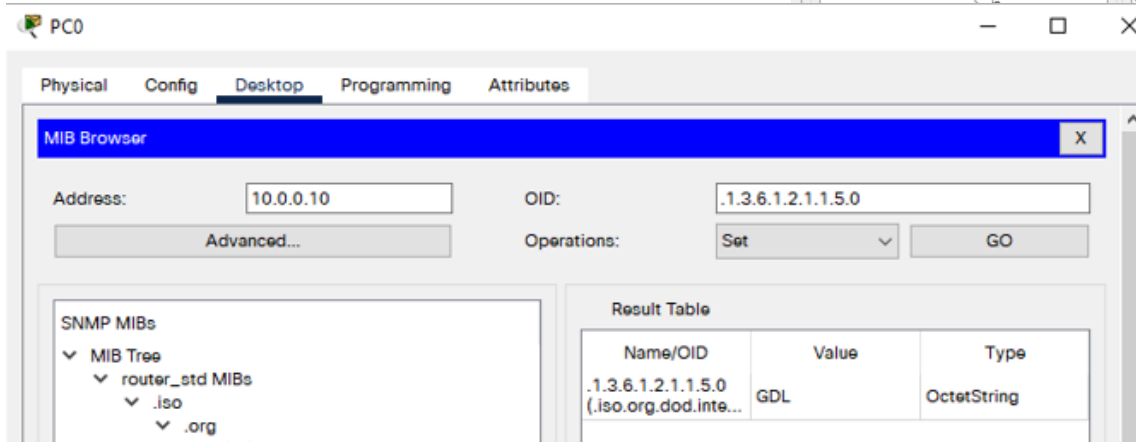
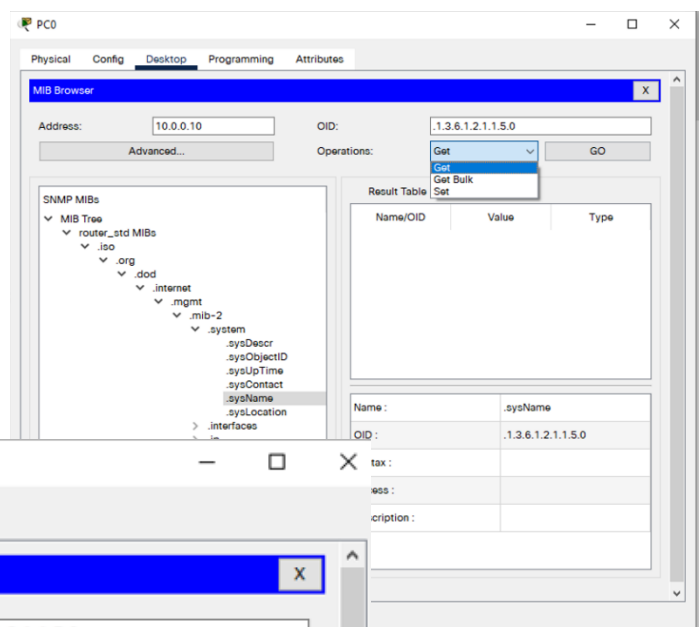
```
R1#
R1#conf ter
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#snmp-server community IPNread ro
%SNMP-5-WARMSTART: SNMP agent on host R1 is undergoing a warm start
R1(config)#snmp-server community IPNwrite rw
R1(config)#
```

7. HABILITAR EN LA PC EL MIB BROWSER (SNMPV3) Y DAR DE ALTA LOS ROUTERS R1 Y R2

7A. VER EL NOMBRE DE R1 VÍA EL MIB BROWSER

7B. VER LAS INTERFACES DE R1 VÍA EL MIB BROWSER

7C. CAMBIAR EL NOMBRE DE R1 VÍA EL MIB BROWSER



3.3 VLAN, OSPF, SNMP

Shu Nashy Nizarely Arellano Aguillón