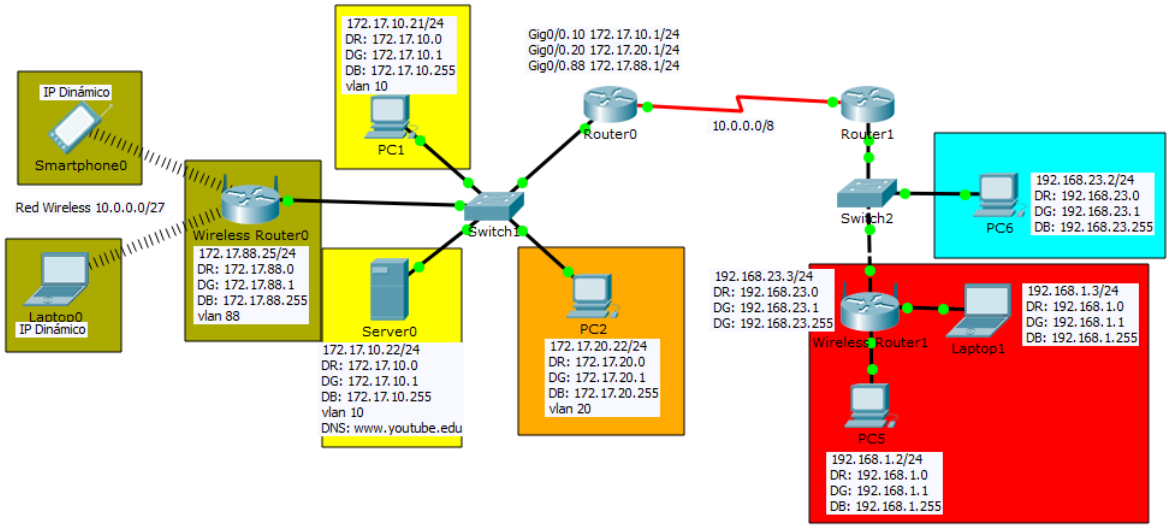
Nombre: Quisbert Mújica Albert Jhonatan **CI:** 9065168

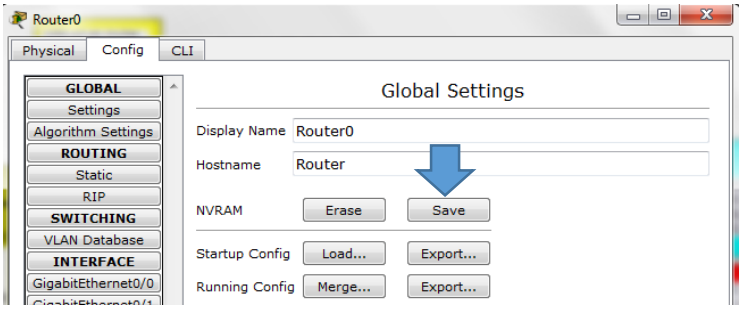
Fecha: 14/03/2020

MÓDULO 4 – TAREA 2

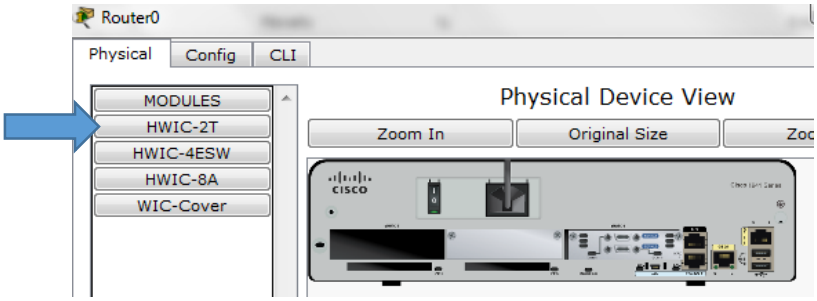


- **EXPLICAR LAS MODIFICACIONES QUE SE HIZO EN LOS ROUTERS PARA EN ENRUTAMIENTO CON OSPF.**

Debemos agregar una nueva interfaz al Router, pero antes de hacer eso se debe guardar la información de la configuración:



Apagamos y agregamos la nueva interfaz al router:



Ahora se procederá a configurar las interfaces de ambos routers:

Router 0

```
Router(config)#interface Serial0/0/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to down
```

Router 1

```
Router(config)#interface Serial0/0/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up
```

```
Router(config)#interface GigabitEthernet0/0
Router(config-if)#ip address 192.168.23.1 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state
to up
```

Luego se procede con el enrutamiento por OSPF especificando incluso las VLANs:

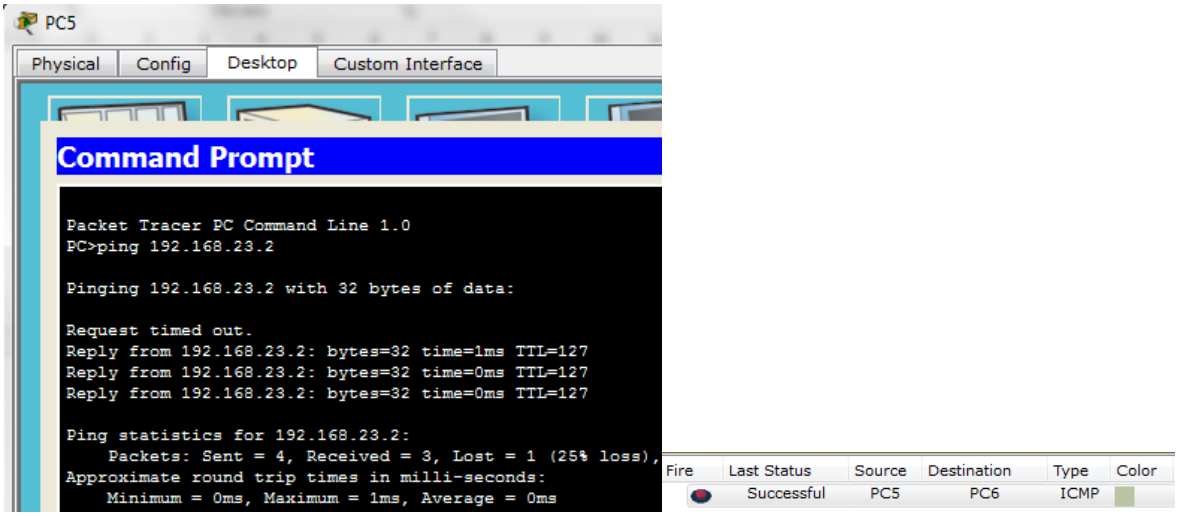
Router 0

```
Router>en
Router#conf ter
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#route ospf 1
Router(config-router)#net 172.17.10.0 0.0.0.255 area 10
Router(config-router)#net 172.17.20.0 0.0.0.255 area 10
Router(config-router)#net 172.17.88.0 0.0.0.255 area 10
Router(config-router)#net 10.0.0.0 0.255.255.255 area 10
Router(config-router)#exit
Router(config)#
```

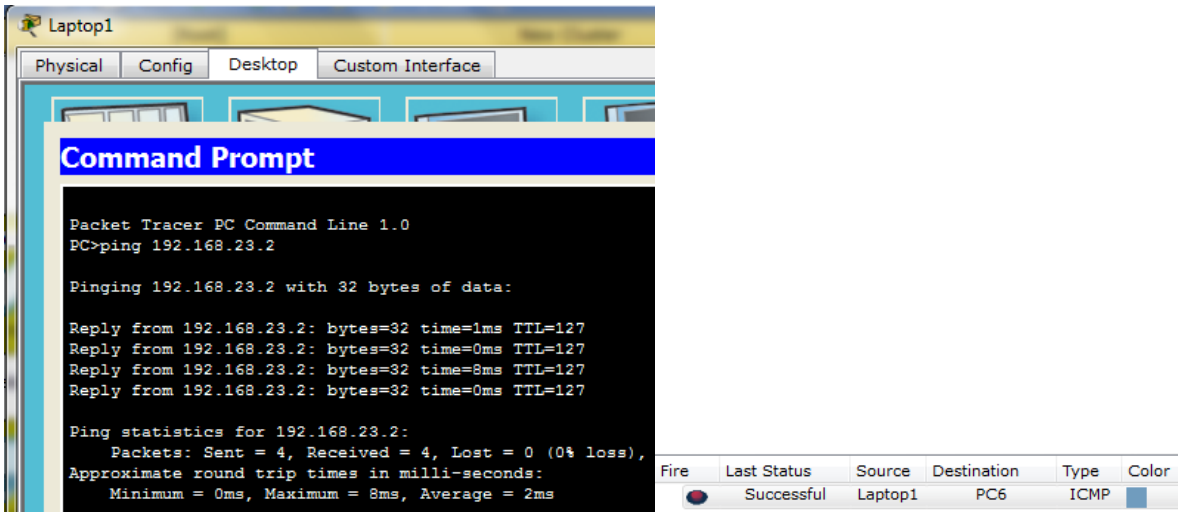
Router 1

```
Router>en
Router#conf ter
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#route ospf
% Incomplete command.
Router(config)#route ospf 1
Router(config-router)#net 192.168.23.0 0.0.0.255 area 10
Router(config-router)#net 10.0.0.0 0.255.255.255 area 10
Router(config-router)#exit
```

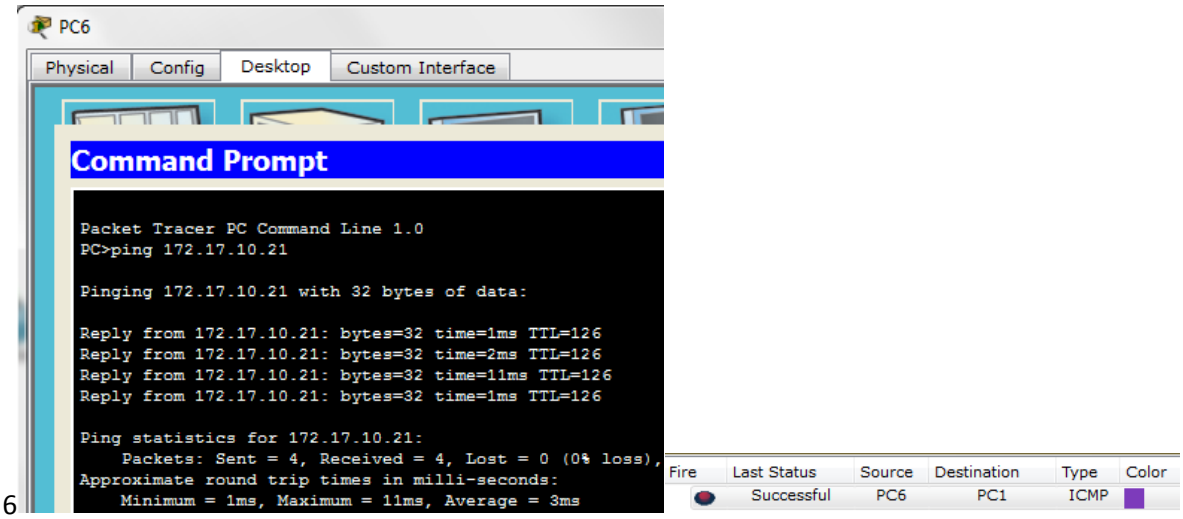
- **CONECTIVIDAD ENTRE LA PC5 Y PC6.**



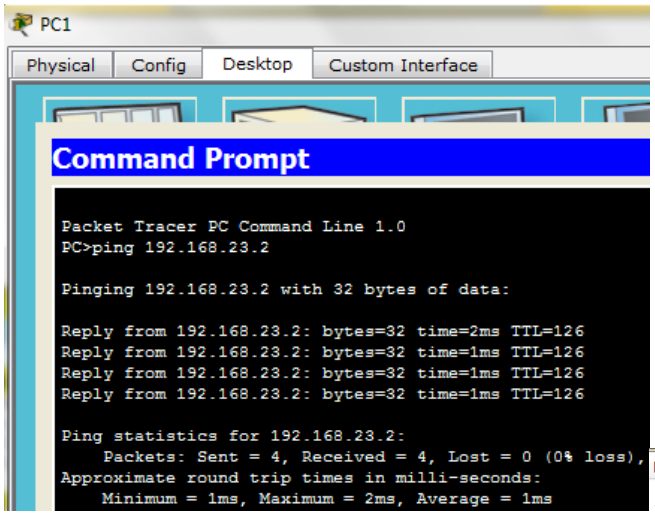
- **CONECTIVIDAD ENTRE LA LAPTOP Y PC6.**

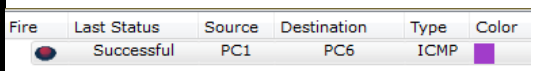


- **CONECTIVIDAD ENTRE LA PC6 Y PC1.**

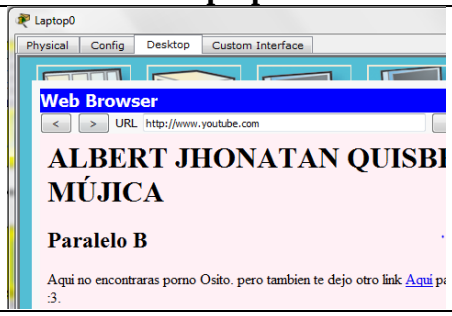
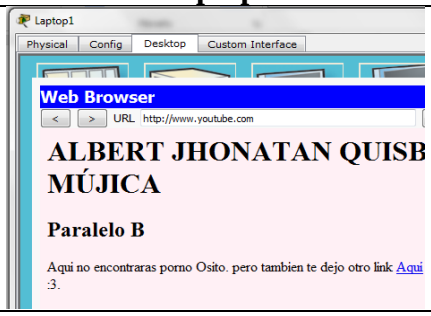
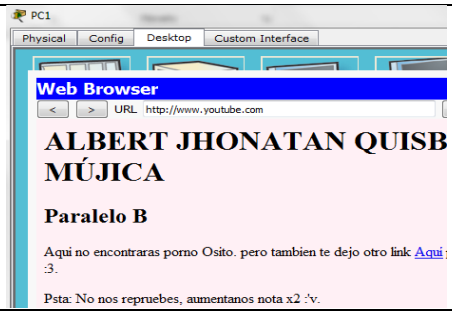
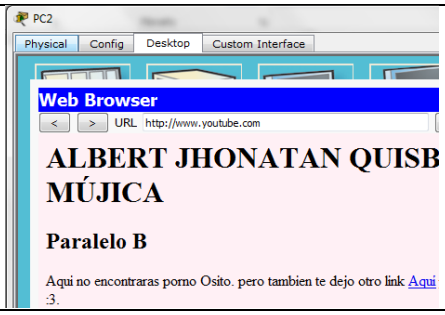
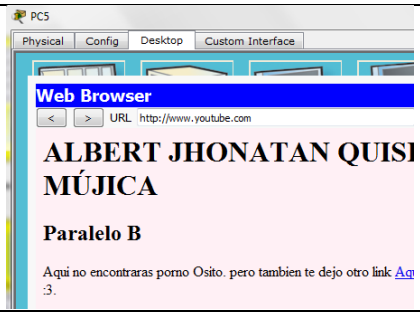
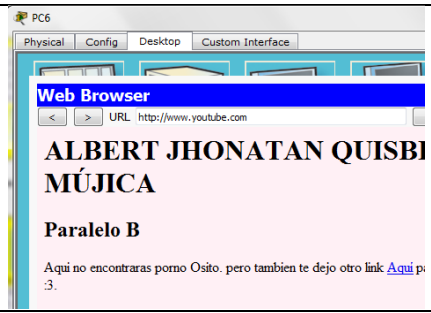


- **CONECTIVIDAD ENTRE PC1 Y PC6.**





- **TODOS LOS HOSTS PUEDAN VER EL HTML DEL SERVIDOR YOUTUBE.COM.**

Laptop0	Laptop1
	
PC1	**PC2**
	
PC5	**PC6**