Tarea 2 Modulo 4

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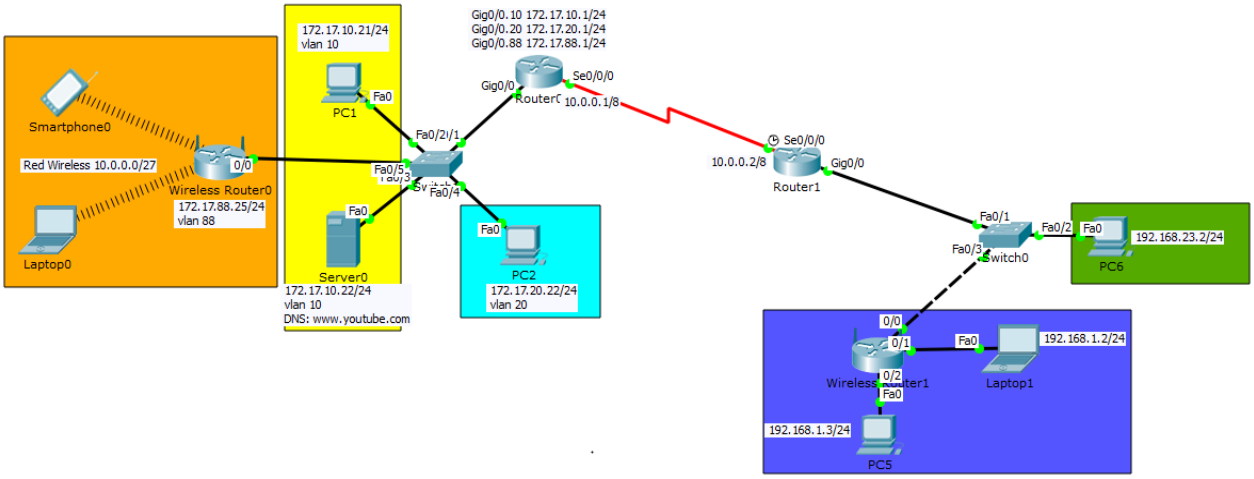
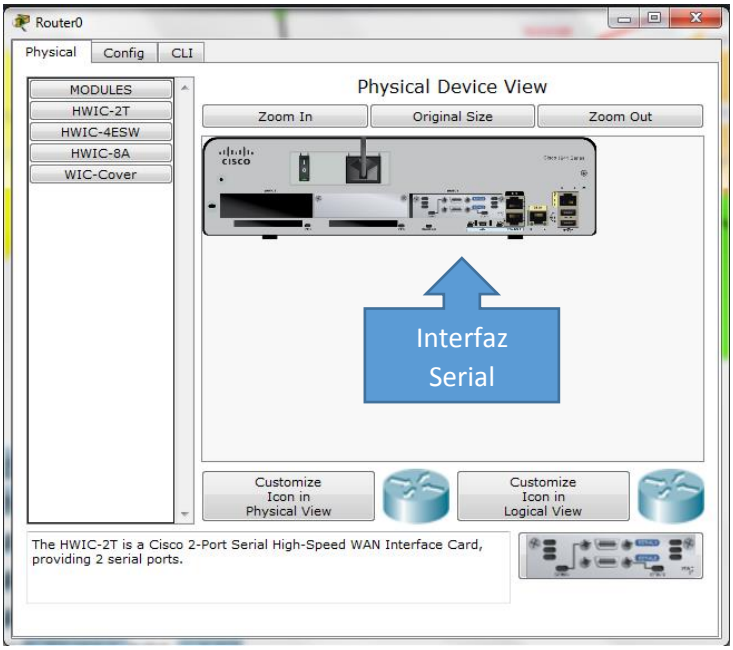
Nuevo escenario:



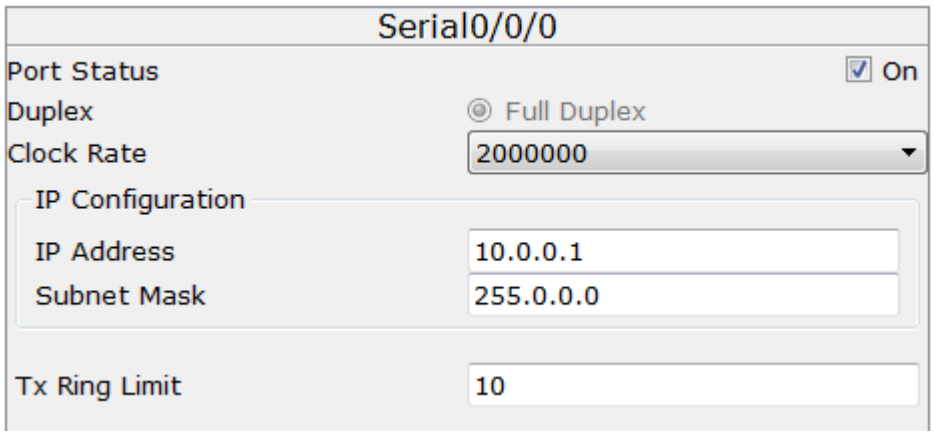
- **EXPLICAR LAS MODIFICACIONES QUE SE HIZO EN LOS ROUTERS PARA UN ENRUTAMIENTO CON OSPF.**

Para poder implementar el escenario propuesto se debe guardar las configuración en el Router0 y agregarle la interfaz Serial que se necesita para conectarse con el Router1. Dicho router debe contener la misma interfaz Serial.

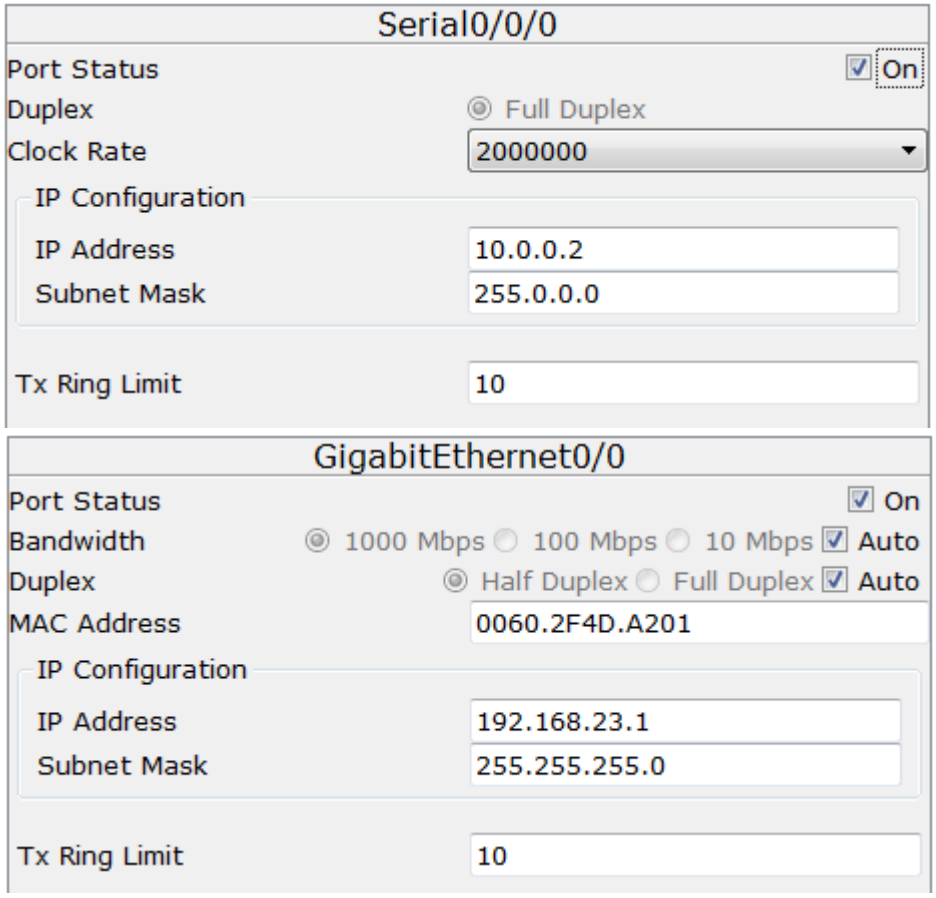


Una vez agregada la interfaz se procederá a encender y configurar los routers con las direcciones dadas (10.0.0.0/8):

Router0



Router1



Ahora se procede a realizar el enrutamiento OSPF en ambos routers:

Router0

```
Router(config)#route ospf 1
Router(config-router)#network 172.17.10.0 0.0.0.255 area 0
Router(config-router)#network 172.17.20.0 0.0.0.255 area 0
Router(config-router)#network 172.17.88.0 0.0.0.255 area 0
Router(config-router)#network 10.0.0.0 0.255.255.255 area 0
Router(config-router)#
```

Router1

```
Router(config)#route ospf 1
Router(config-router)#network 192.168.23.0 0.0.0.255 area 0
Router(config-router)#network 10.0.0.0 0.255.255.255 area 0
Router(config-router)#exit
Router(config)#
01:18:25: %OSPF-5-ADJCHG: Process 1, Nbr 172.17.88.1 on Serial0/0/0 from LOADING
to FULL, Loading Done
```

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

Utilizando paquetes PDU:

Fire	Last Status	Source	Destination	Type	Color
	Successful	PC5	PC6	ICMP	

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

Utilizando paquetes PDU:

Fire	Last Status	Source	Destination	Type	Color
	Successful	Laptop1	PC6	ICMP	

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

Utilizando paquetes PDU:

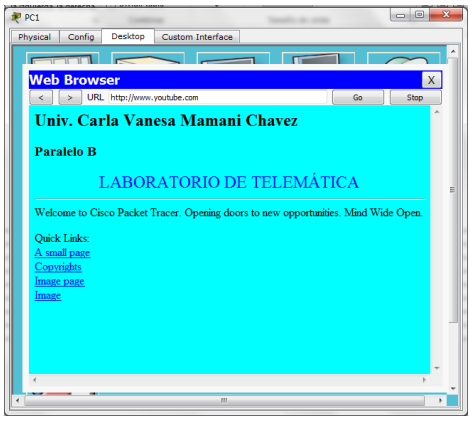
Fire	Last Status	Source	Destination	Type	Color
	Successful	PC6	PC1	ICMP	

- **CONECTIVIDAD ENTRE PC1 Y PC6.**

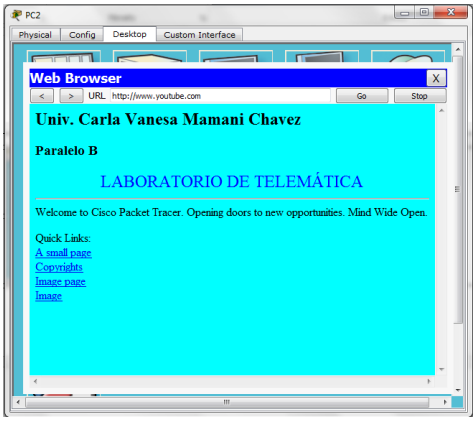
Utilizando paquetes PDU:

Fire	Last Status	Source	Destination	Type	Color
	Successful	PC1	PC6	ICMP	

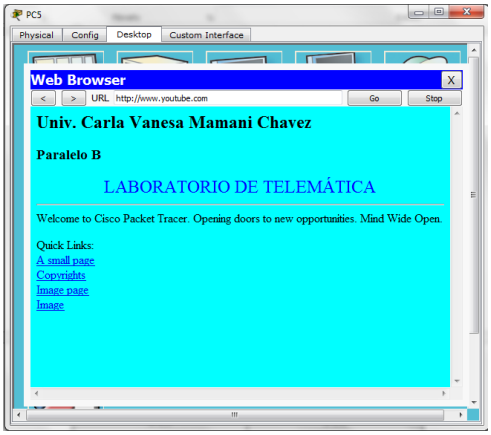
PC1



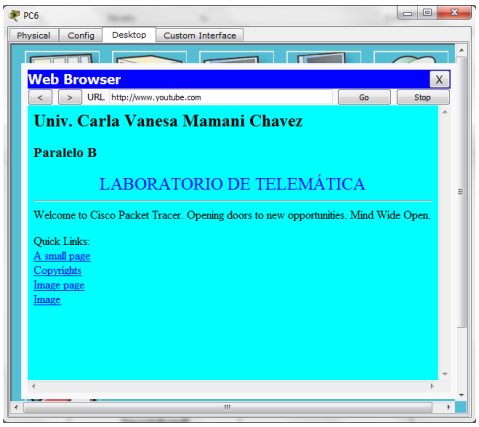
PC2



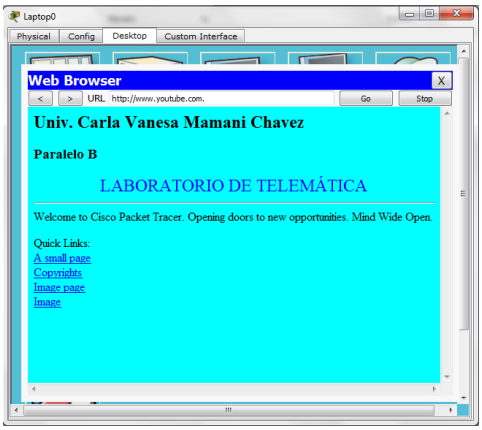
PC5



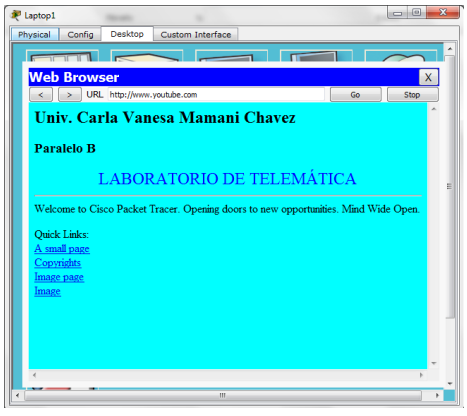
PC6



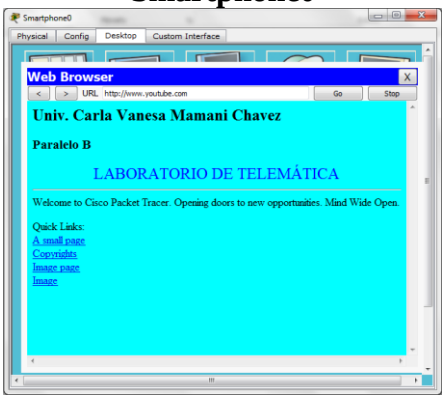
Laptop0



Laptop1



Smartphone0



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