

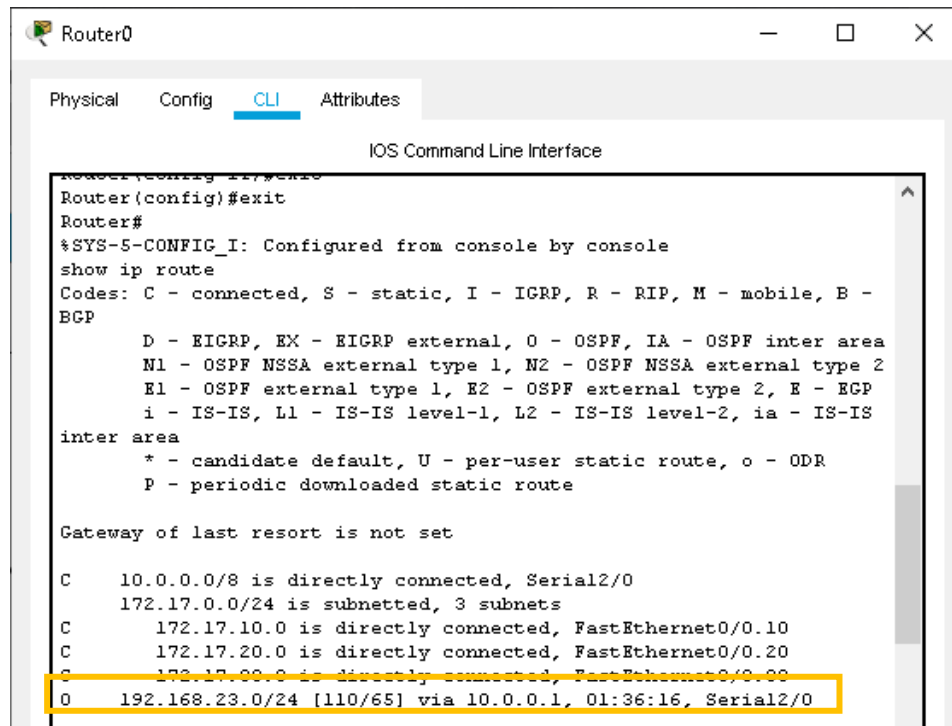
Nombre: Jhon Alvaro Vallejos Perez

Paralelo: "A" - Lic Gallardo Jueves

Tarea

- Explicar las modificaciones que se hizo en los routers para enrutamiento con ospf

En el Router0 agregamos la dirección de la red 192.168.23.0/24 que esta conexión va por la vía 10.0.0.1 en el serial2/0 para que sea un enrutamiento ospf

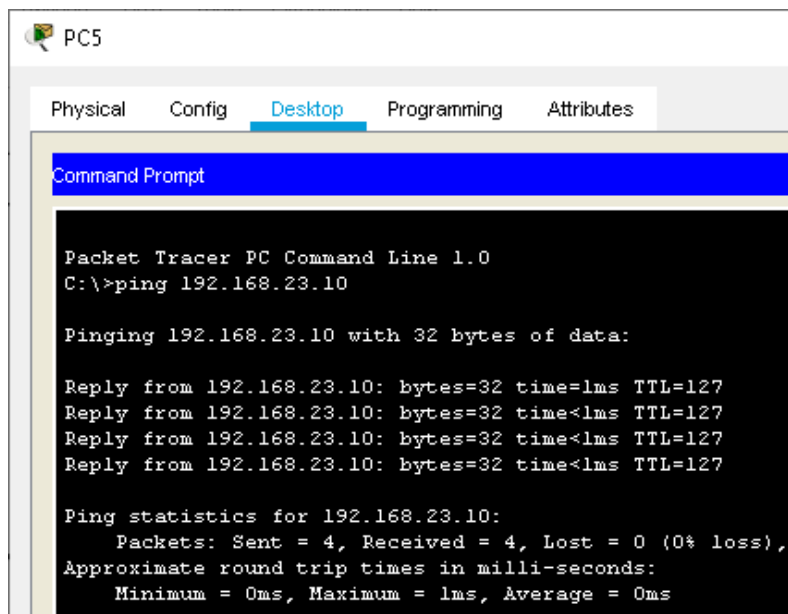


```
Router0
Physical Config CLI Attributes
IOS Command Line Interface
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B -
BGP
        D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
        N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
        E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
        i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS
        inter area
        * - candidate default, U - per-user static route, o - ODR
        P - periodic downloaded static route

Gateway of last resort is not set

C    10.0.0.0/8 is directly connected, Serial2/0
    172.17.0.0/24 is subnetted, 3 subnets
C      172.17.10.0 is directly connected, FastEthernet0/0.10
C      172.17.20.0 is directly connected, FastEthernet0/0.20
C      192.17.23.0 is directly connected, FastEthernet0/0.23
O    192.168.23.0/24 [110/65] via 10.0.0.1, 01:36:16, Serial2/0
```

- Conectividad entre la pc5 y pc6



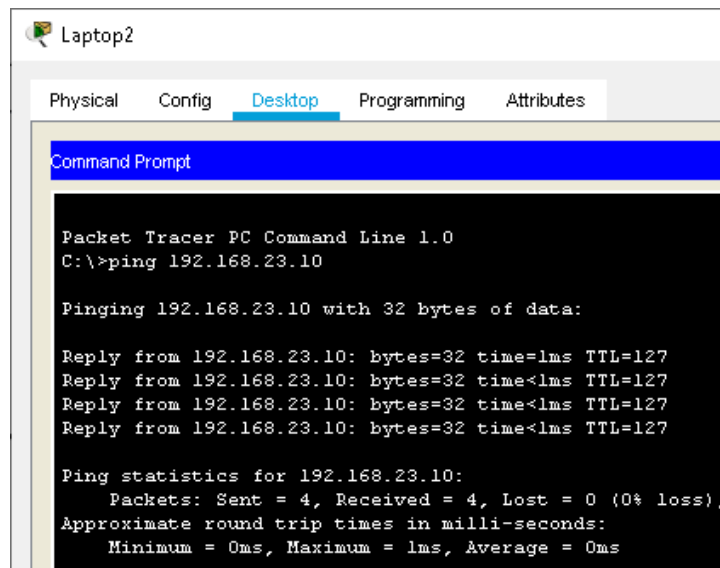
```
PC5
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.23.10

Pinging 192.168.23.10 with 32 bytes of data:

Reply from 192.168.23.10: bytes=32 time=1ms TTL=127
Reply from 192.168.23.10: bytes=32 time<1ms TTL=127
Reply from 192.168.23.10: bytes=32 time<1ms TTL=127
Reply from 192.168.23.10: bytes=32 time<1ms TTL=127

Ping statistics for 192.168.23.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

- Conectividad entre la laptop y pc6



Laptop2

Physical Config Desktop Programming Attributes

Command Prompt

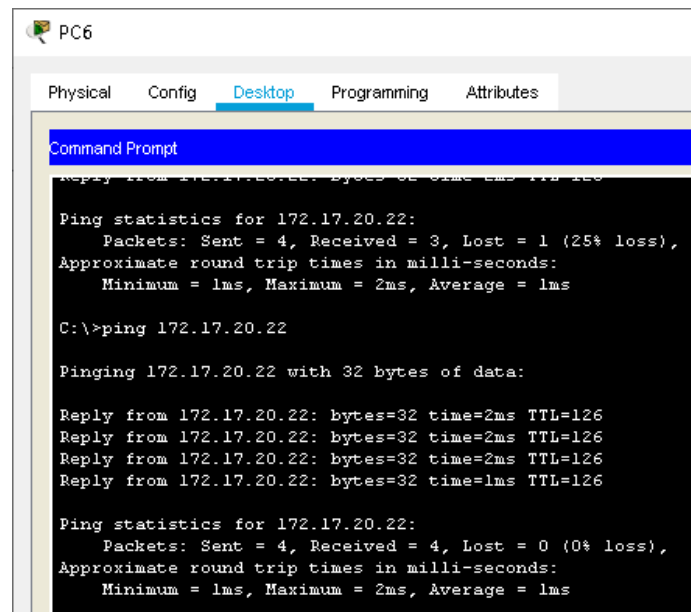
```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.23.10

Pinging 192.168.23.10 with 32 bytes of data:

Reply from 192.168.23.10: bytes=32 time=1ms TTL=127
Reply from 192.168.23.10: bytes=32 time<1ms TTL=127
Reply from 192.168.23.10: bytes=32 time<1ms TTL=127
Reply from 192.168.23.10: bytes=32 time<1ms TTL=127

Ping statistics for 192.168.23.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

- Conectividad entre la pc6 y pc1



PC6

Physical Config Desktop Programming Attributes

Command Prompt

```
Ping statistics for 172.17.20.22:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 2ms, Average = 1ms

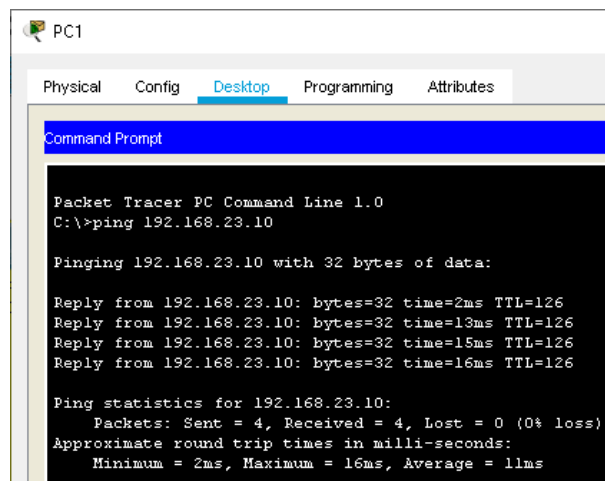
C:\>ping 172.17.20.22

Pinging 172.17.20.22 with 32 bytes of data:

Reply from 172.17.20.22: bytes=32 time=2ms TTL=126
Reply from 172.17.20.22: bytes=32 time=2ms TTL=126
Reply from 172.17.20.22: bytes=32 time=2ms TTL=126
Reply from 172.17.20.22: bytes=32 time=1ms TTL=126

Ping statistics for 172.17.20.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 2ms, Average = 1ms
```

- Conectividad entre pc1 y pc6



PC1

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.23.10

Pinging 192.168.23.10 with 32 bytes of data:

Reply from 192.168.23.10: bytes=32 time=2ms TTL=126
Reply from 192.168.23.10: bytes=32 time=13ms TTL=126
Reply from 192.168.23.10: bytes=32 time=15ms TTL=126
Reply from 192.168.23.10: bytes=32 time=16ms TTL=126

Ping statistics for 192.168.23.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 16ms, Average = 11ms
```

Realtime Simulation								
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num
	Successful	PC5	PC6	ICMP		0.000	N	0
	Successful	Laptop2	PC6	ICMP		0.000	N	1
	Successful	PC6	PC1	ICMP		0.000	N	2

- Todos los hosts puedan ver el html del servidor youtube.com

Wireless Router1

Physical Config **GUI** Attributes

Network Setup

Router IP

IP Address: 192 . 168 . 1 . 1

Subnet Mask: 255.255.255.128

DHCP Server Settings

DHCP Server: ☒ Enabled ☐ Disabled DHCP Reservation

Start IP Address: 192.168.1. 100

Maximum number of Users: 50

IP Address Range: 192.168.1. 100 - 149

Client Lease Time: 0 minutes (0 means one day)

Static DNS 1: 172 . 17 . 10 . 22

Static DNS 2: 0 . 0 . 0 . 0

PC5

Physical Config **Desktop** Programming

☒ DHCP ☐ Static

IP Address: 192.168.1.101

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

DNS Server: 172.17.10.22

Laptop2

Physical Config **Desktop** Programming

IP Configuration

Interface: FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address: 192.168.1.100

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

DNS Server: 172.17.10.22

PC6

Physical Config **Desktop** Programming At

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.23.10

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.23.1

DNS Server: 172.17.10.22

- Al servidor youtube.com modificar el html y poner nombre completo y paralelo

