LAB 3

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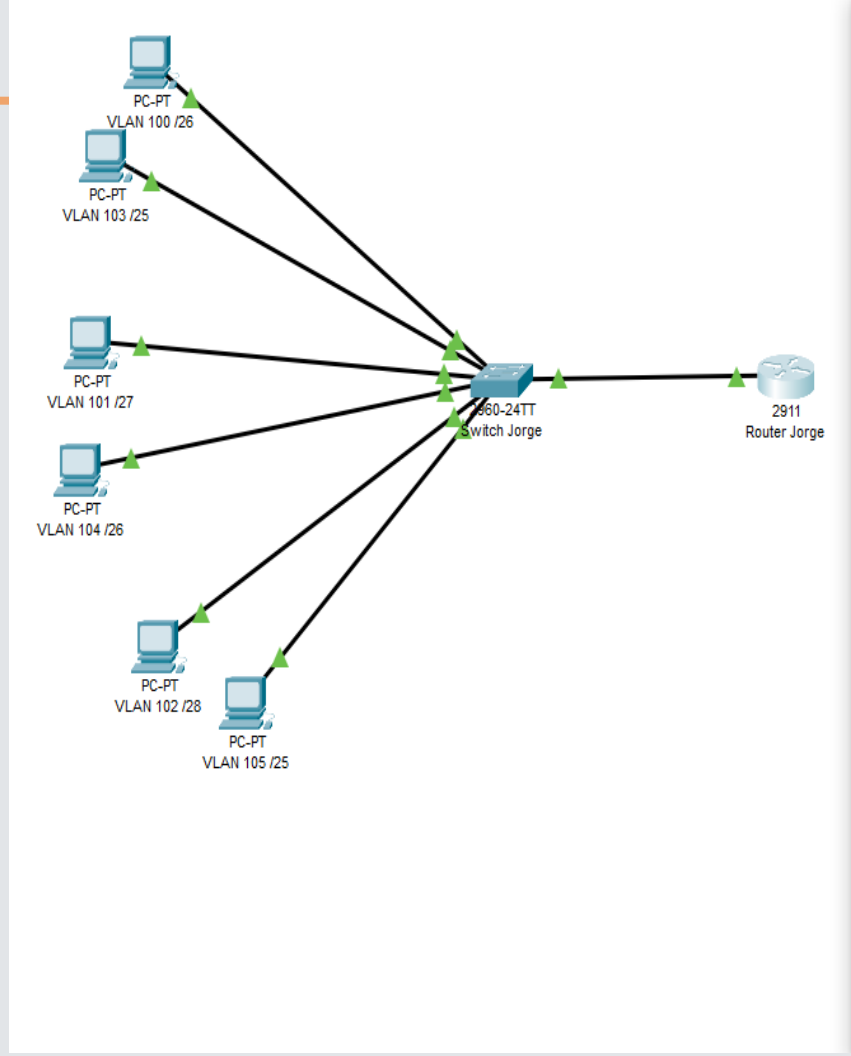
ITIT - 13104

IMAGEN DE CONFIGURACION DE INTERFACES DEL ROUTER, 6 VLANS E IP SUBNETS (6 REACTIVOS)



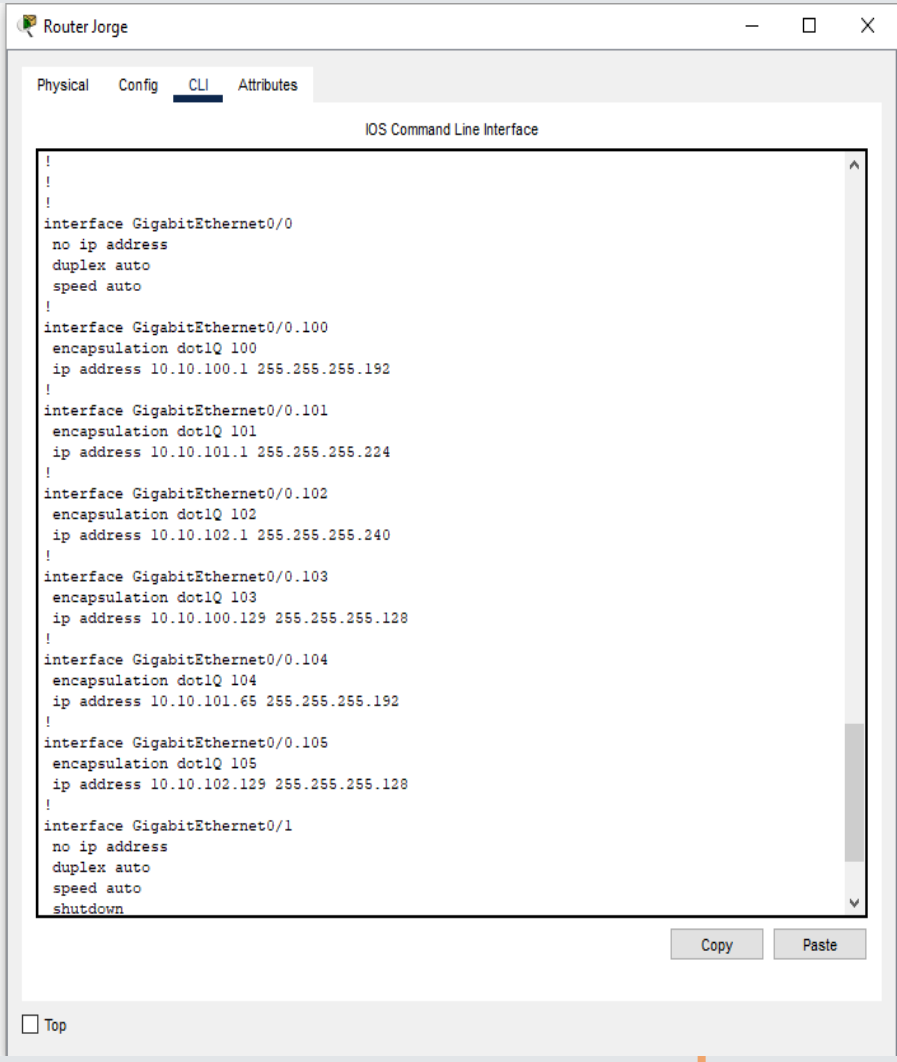


IMAGEN DE CONFIGURACION DE TRUNK DEL SWITCH, 6 VLANS (6 REACTIVOS)

Physical Config CLI Attributes

IOS Command Line Interface

```
!
interface FastEthernet0/14
!
interface FastEthernet0/15
!
interface FastEthernet0/16
!
interface FastEthernet0/17
!
interface FastEthernet0/18
!
interface FastEthernet0/19
!
interface FastEthernet0/20
!
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
 switchport trunk allowed vlan 100-105
 switchport mode trunk
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
 no ip address
 shutdown
!
!
!
!
 --More--
```

Copy Paste

IMAGEN DE CONFIGURACION DE PUERTO DE ACCESO DEL SWITCH, 6 ACCESS PORTS (6 REACTIVOS)

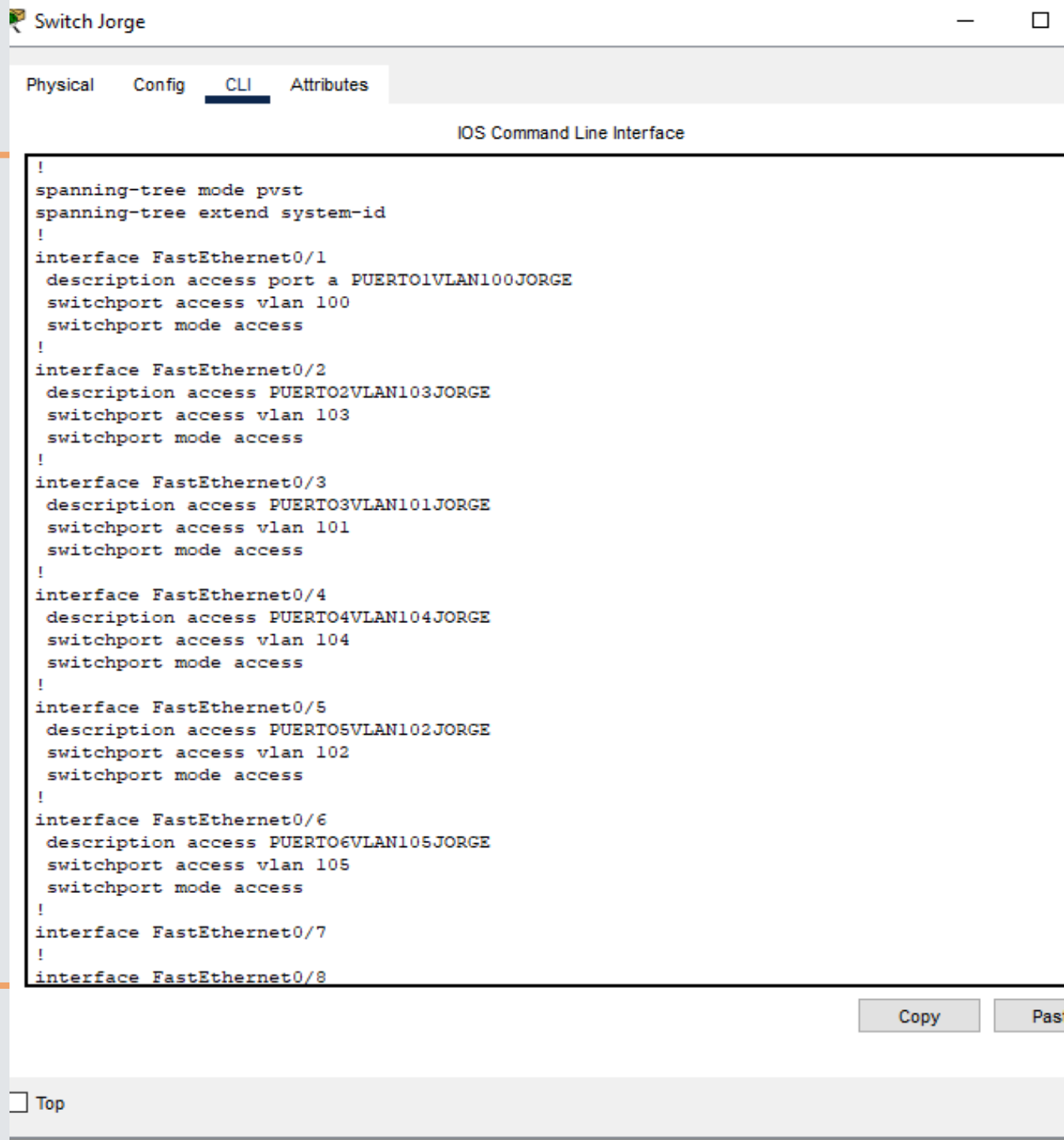


IMAGEN DE SHOW IP ROUTE DEL ROUTER, 6 IP SUBNETS (6 REACTIVOS)

Router Jorge

Physical | Config | CLI | Attributes

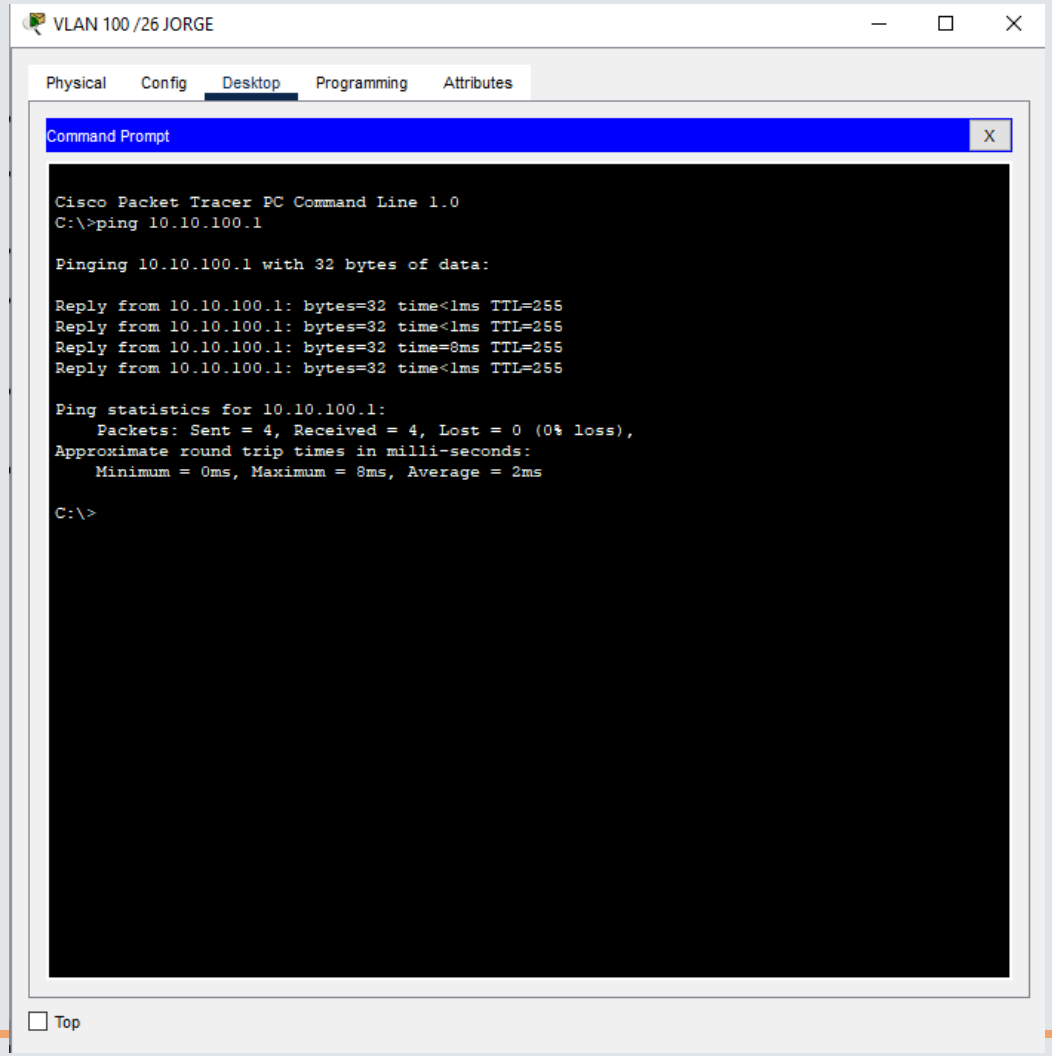
IOS Command Line Interface

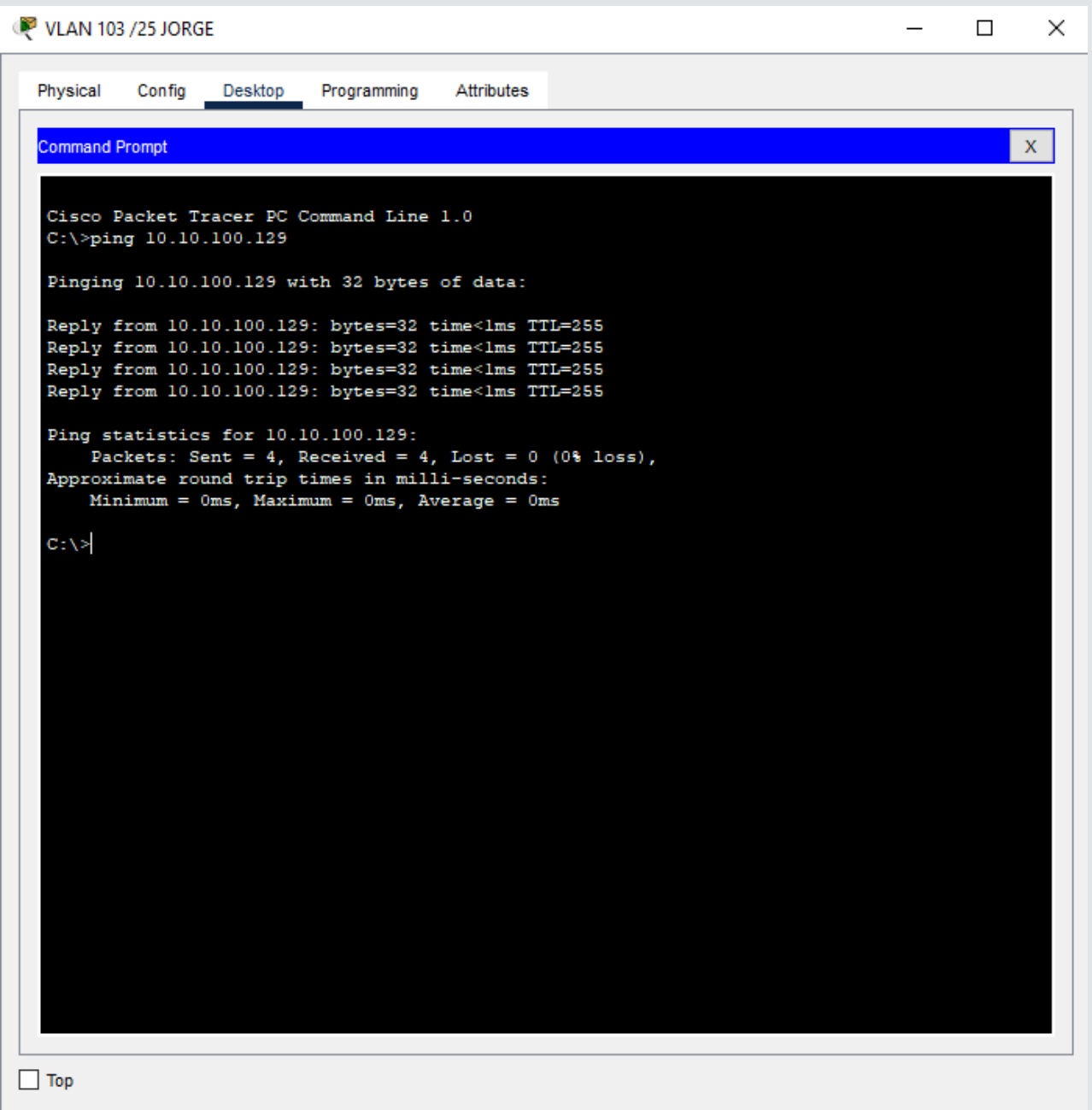
```
                 ^
% Invalid input detected at '^' marker.

Router(config)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#
Router#show ip rou
Router#show ip route
Codes: L - local, C - connected, S - static, 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

     10.0.0.0/8 is variably subnetted, 12 subnets, 5 masks
C       10.10.100.0/26 is directly connected, GigabitEthernet0/0.100
L       10.10.100.1/32 is directly connected, GigabitEthernet0/0.100
C       10.10.100.128/25 is directly connected, GigabitEthernet0/0.103
L       10.10.100.129/32 is directly connected, GigabitEthernet0/0.103
C       10.10.101.0/27 is directly connected, GigabitEthernet0/0.101
L       10.10.101.1/32 is directly connected, GigabitEthernet0/0.101
C       10.10.101.64/26 is directly connected, GigabitEthernet0/0.104
L       10.10.101.65/32 is directly connected, GigabitEthernet0/0.104
C       10.10.102.0/28 is directly connected, GigabitEthernet0/0.102
L       10.10.102.1/32 is directly connected, GigabitEthernet0/0.102
C       10.10.102.128/25 is directly connected, GigabitEthernet0/0.105
L       10.10.102.129/32 is directly connected, GigabitEthernet0/0.105

Router#
Router#
Router#
```

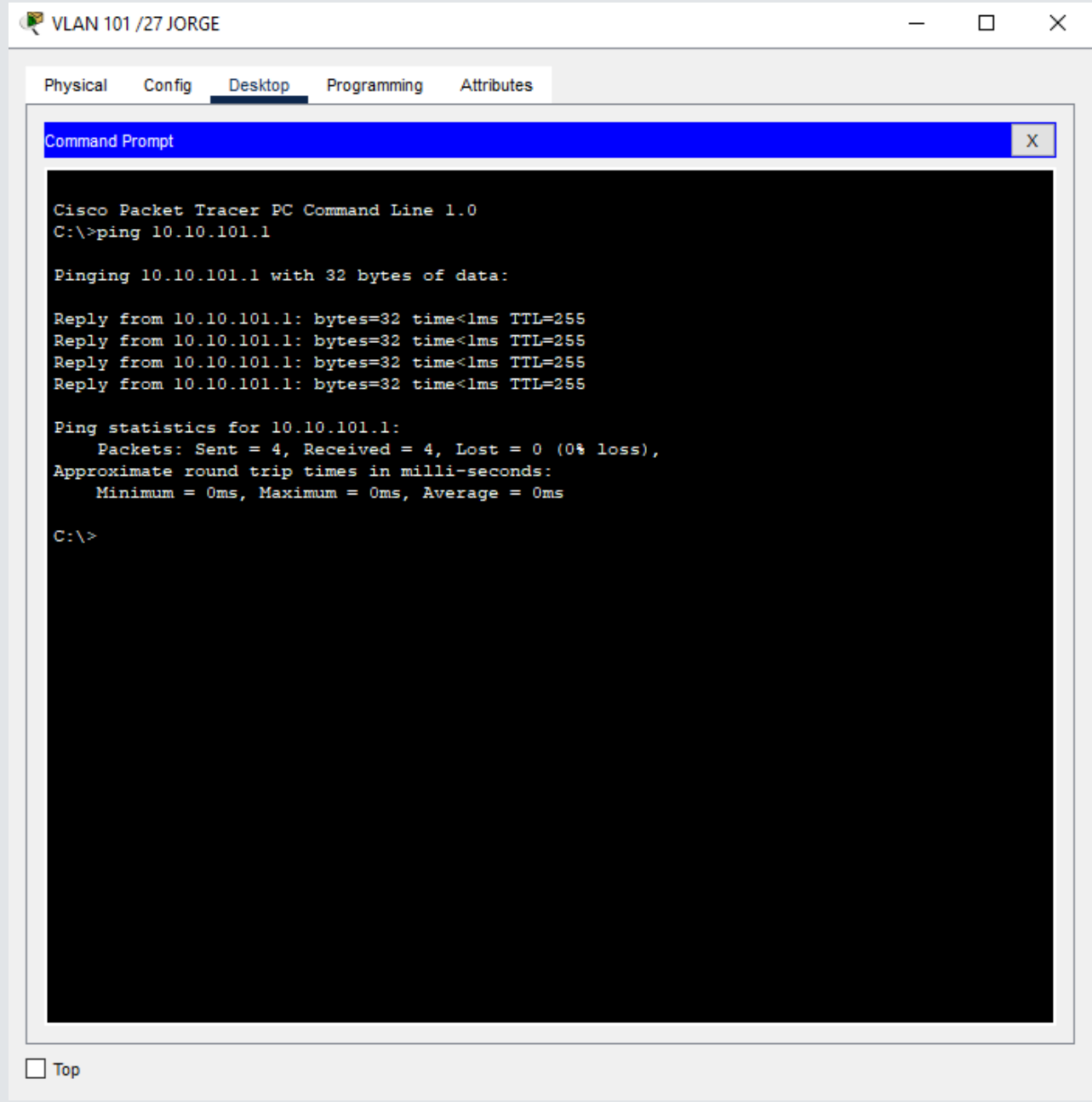
Copy | Paste

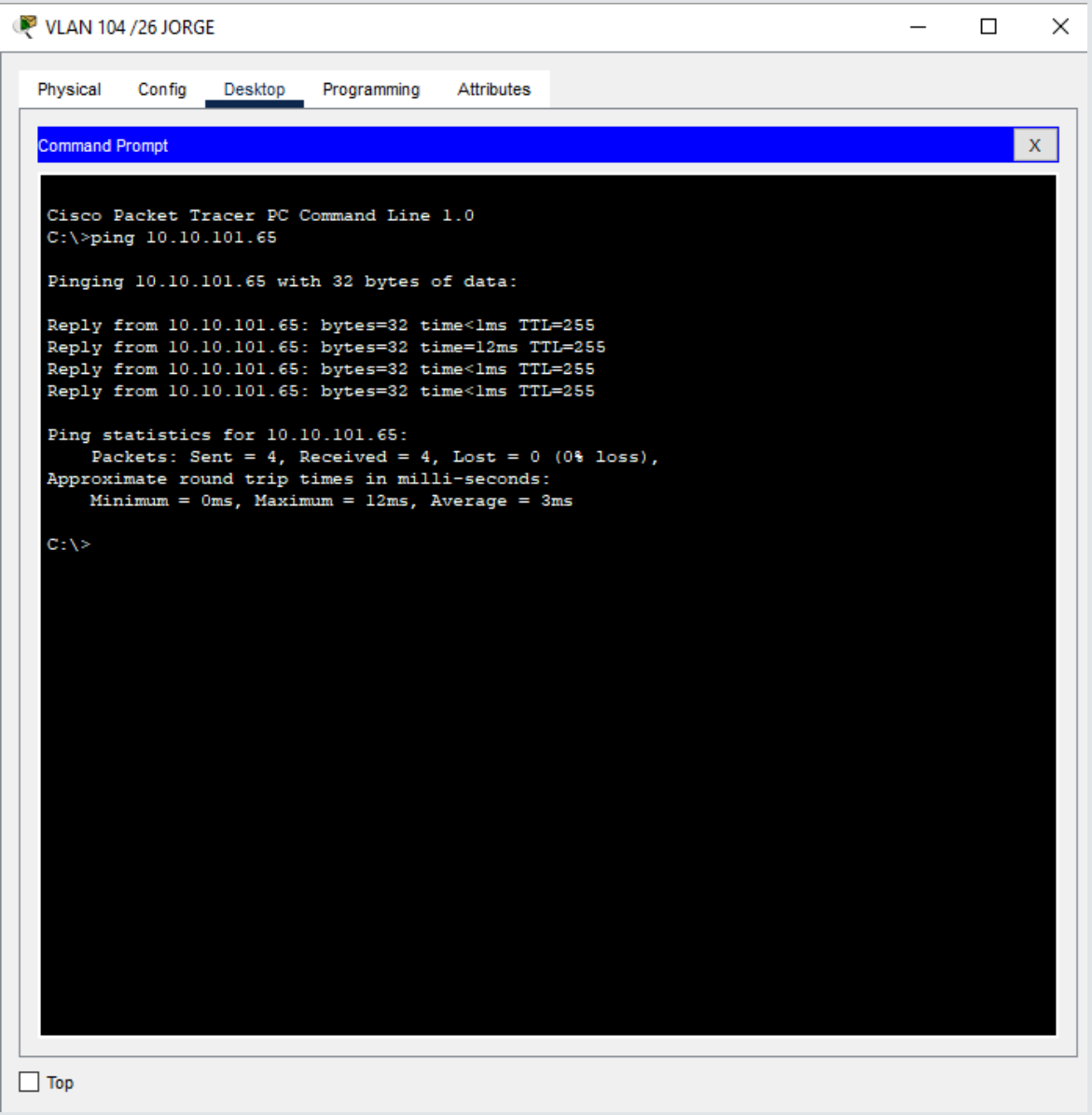
Top

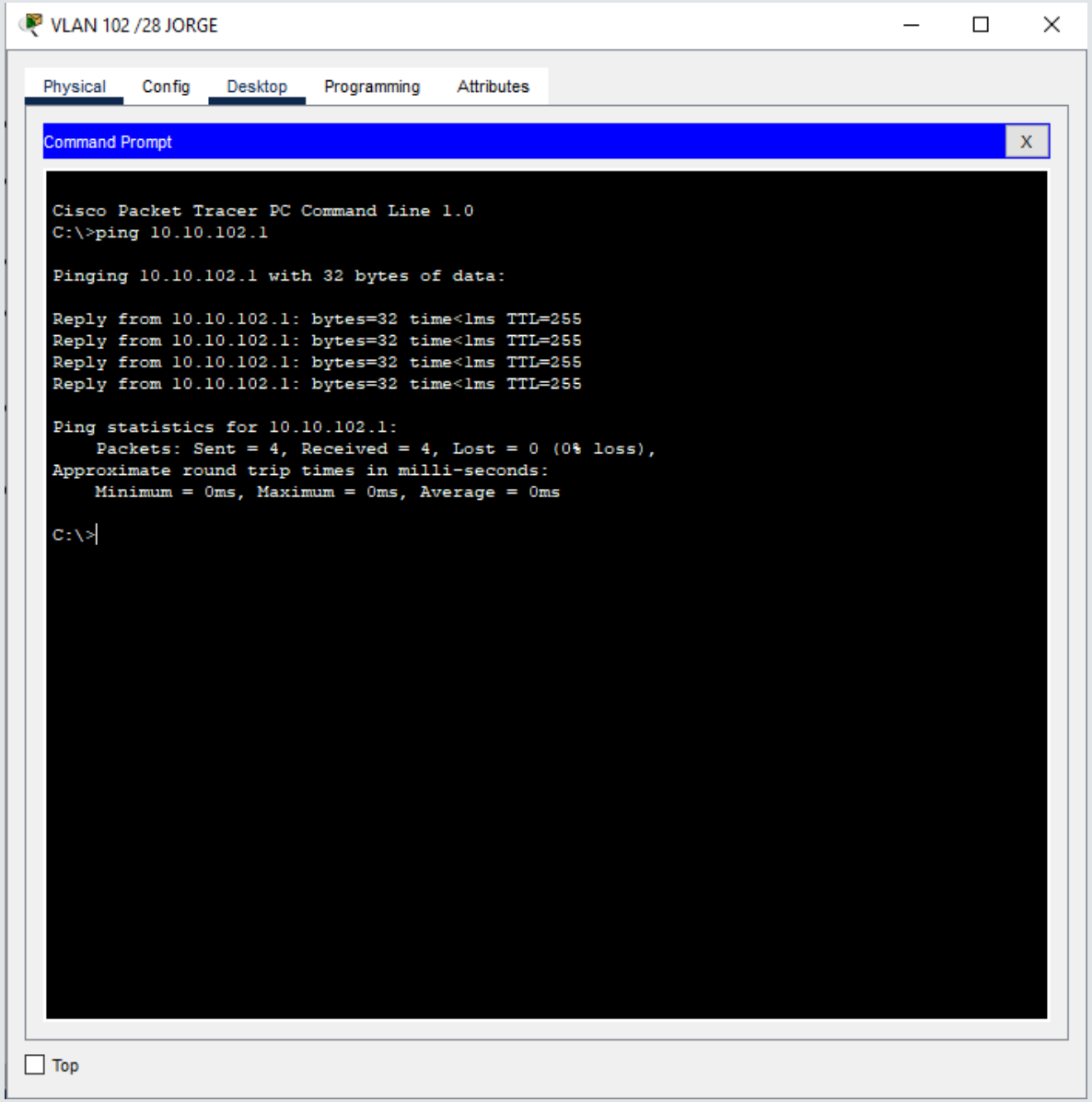
IMAGEN DE PING EXITOSO DE PC A ROUTER POR CADA VLAN, 6 PINGS (6 REACTIVOS)




VLAN 103 /25 JORGE
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.100.129
Pinging 10.10.100.129 with 32 bytes of data:
Reply from 10.10.100.129: bytes=32 time<1ms TTL=255
Reply from 10.10.100.129: bytes=32 time<1ms TTL=255
Reply from 10.10.100.129: bytes=32 time<1ms TTL=255
Reply from 10.10.100.129: bytes=32 time<1ms TTL=255
Ping statistics for 10.10.100.129:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top


VLAN 101 /27 JORGE
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.101.1
Pinging 10.10.101.1 with 32 bytes of data:
Reply from 10.10.101.1: bytes=32 time<1ms TTL=255
Reply from 10.10.101.1: bytes=32 time<1ms TTL=255
Reply from 10.10.101.1: bytes=32 time<1ms TTL=255
Reply from 10.10.101.1: bytes=32 time<1ms TTL=255
Ping statistics for 10.10.101.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top


VLAN 104 /26 JORGE
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.101.65
Pinging 10.10.101.65 with 32 bytes of data:
Reply from 10.10.101.65: bytes=32 time<1ms TTL=255
Reply from 10.10.101.65: bytes=32 time=12ms TTL=255
Reply from 10.10.101.65: bytes=32 time<1ms TTL=255
Reply from 10.10.101.65: bytes=32 time<1ms TTL=255
Ping statistics for 10.10.101.65:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 12ms, Average = 3ms
C:\>
Top


VLAN 102 /28 JORGE
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.102.1
Pinging 10.10.102.1 with 32 bytes of data:
Reply from 10.10.102.1: bytes=32 time<1ms TTL=255
Reply from 10.10.102.1: bytes=32 time<1ms TTL=255
Reply from 10.10.102.1: bytes=32 time<1ms TTL=255
Reply from 10.10.102.1: bytes=32 time<1ms TTL=255
Ping statistics for 10.10.102.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top

VLAN 105 /25 JORGE

Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.102.129

Pinging 10.10.102.129 with 32 bytes of data:

Reply from 10.10.102.129: bytes=32 time<1ms TTL=255
Reply from 10.10.102.129: bytes=32 time=15ms TTL=255
Reply from 10.10.102.129: bytes=32 time<1ms TTL=255
Reply from 10.10.102.129: bytes=32 time<1ms TTL=255

Ping statistics for 10.10.102.129:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 15ms, Average = 3ms

C:\>
```

Top

IMAGEN DE PING EXITOSO DE ROUTER A PC POR CADA VLAN, 6 PINGS (6 REACTIVOS)

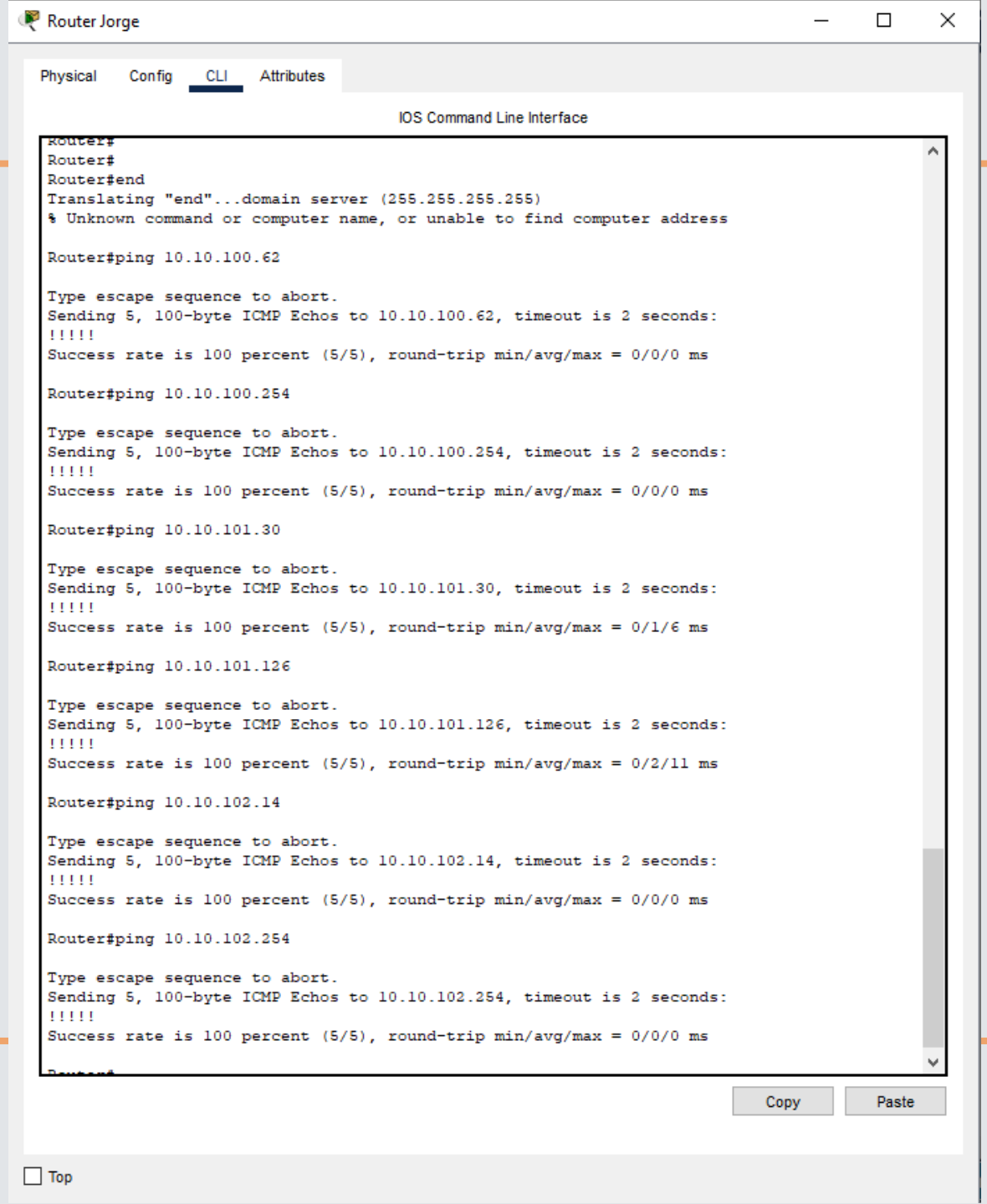


IMAGEN DE SHOW MAC ADDRESS-TABLE DEL SWITCH, DEBE INCLUIR LAS MAC ADDRESS DE LAS 6 PCS (6 REACTIVOS)

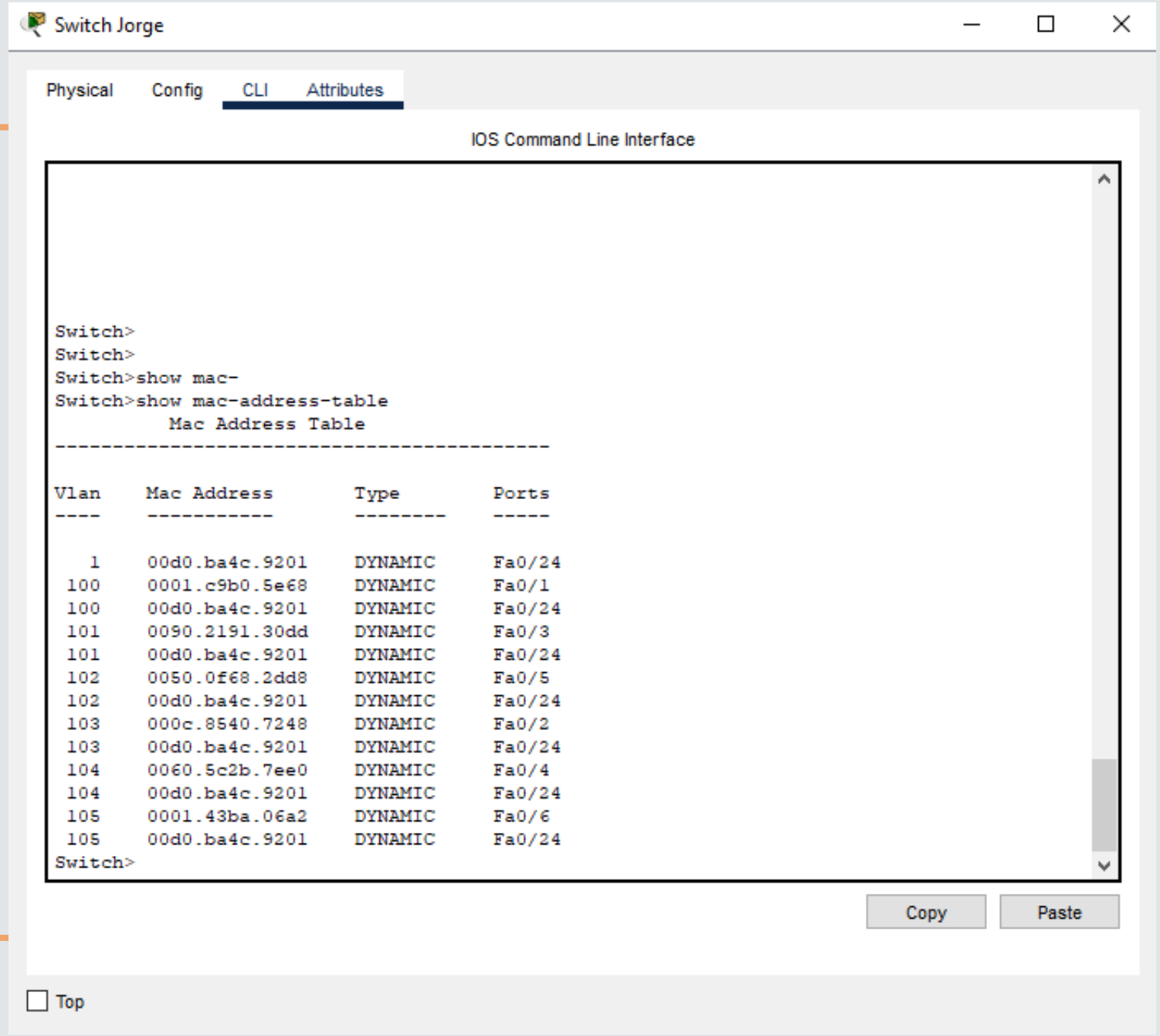


IMAGEN DE SHOW IP ARP DEL ROUTER, DEBE INCLUIR LA MAC ADDRESS E IPS DE LAS 6 PCS (6 REACTIVOS)