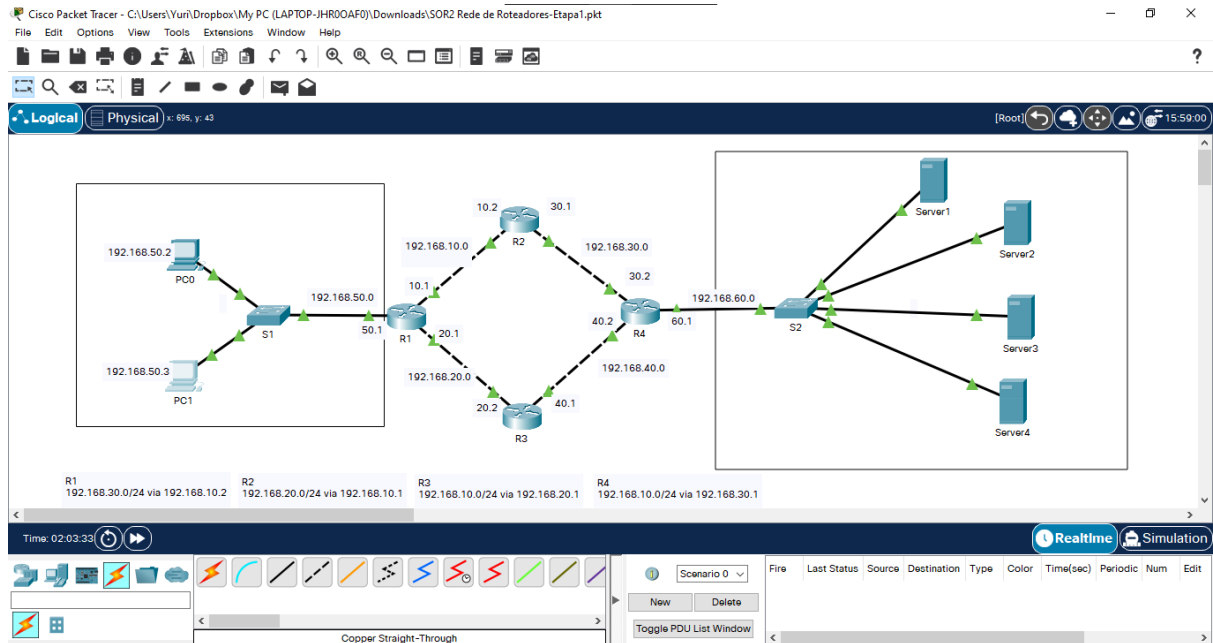


Sistemas Operacionais de Redes II

Atividade de Avaliação 6

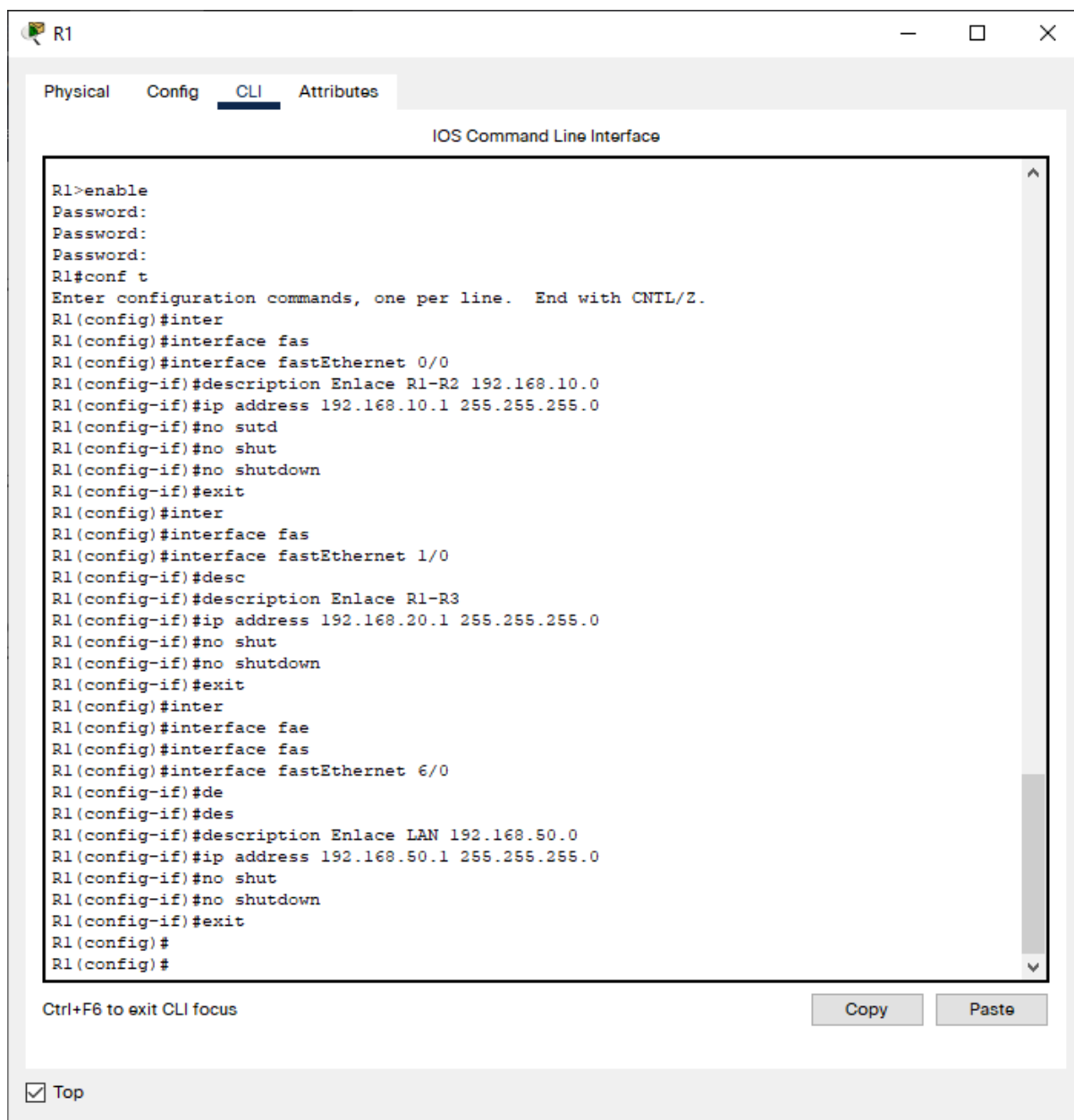
Yuri Mateus Santiago

Etapa 1



Etapa 2

Configuração das interfaces do Roteador R1



Configuração das interfaces do Roteador R2

R2

Physical Config **CLI** Attributes

IOS Command Line Interface

```
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route

Gateway of last resort is not set

C   192.168.10.0/24 is directly connected, FastEthernet0/0
S   192.168.20.0/24 [1/0] via 192.168.10.1
C   192.168.30.0/24 is directly connected, FastEthernet1/0
S   192.168.40.0/24 [1/0] via 192.168.30.2
S   192.168.50.0/24 [1/0] via 192.168.10.1
S   192.168.60.0/24 [1/0] via 192.168.30.2

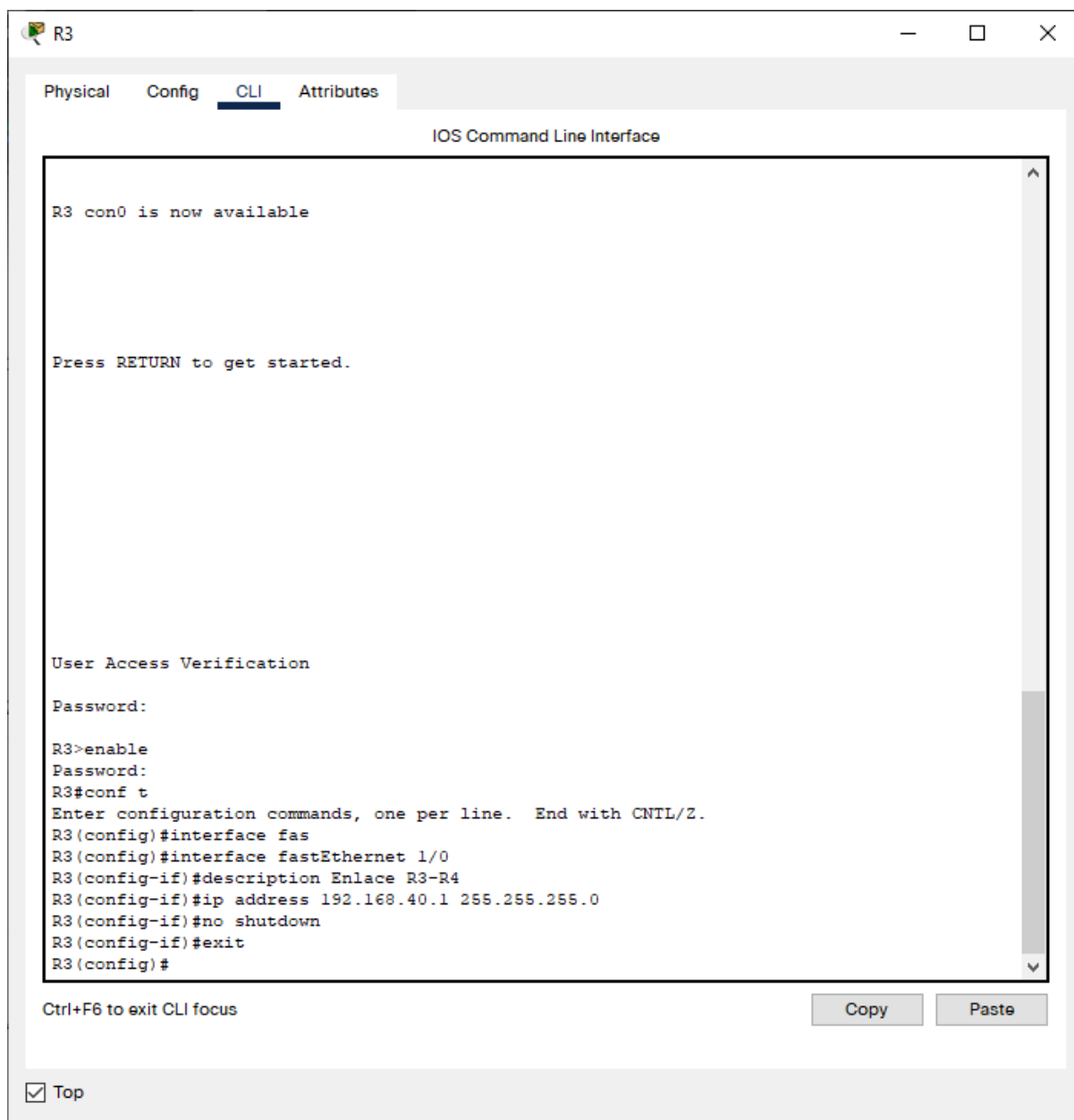
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#host
Router(config)#hostname R2
R2(config)#enable secret class
R2(config)#line console 0
R2(config-line)#password cisco
R2(config-line)#login
R2(config-line)#line vty 0 4
R2(config-line)#password cisco
R2(config-line)#login
R2(config-line)#exit
R2(config)#interface fas
R2(config)#interface fastEthernet 0/0
R2(config-if)#desc
R2(config-if)#description Enlace R2-R1 192.168.10.0
R2(config-if)#ip address 192.168.10.2 255.255.255.0
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#interface fas
R2(config)#interface fastEthernet 1/0
R2(config-if)#description Enlace R2-R4
R2(config-if)#ip address 192.168.30.1 255.255.255.0
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#S
```

Ctrl+F6 to exit CLI focus

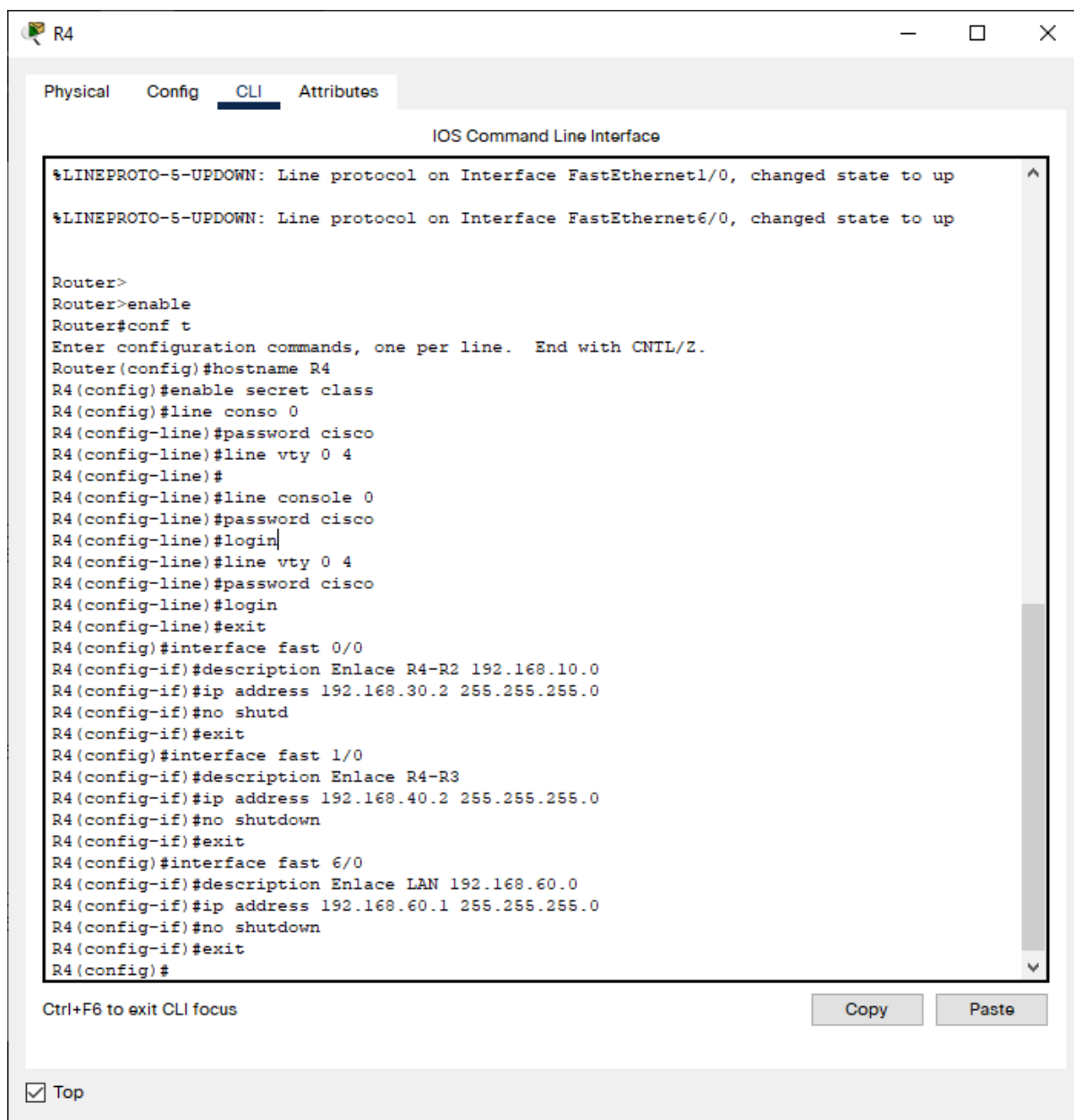
Copy Paste

☒ Top

Configuração das interfaces do Roteador R3

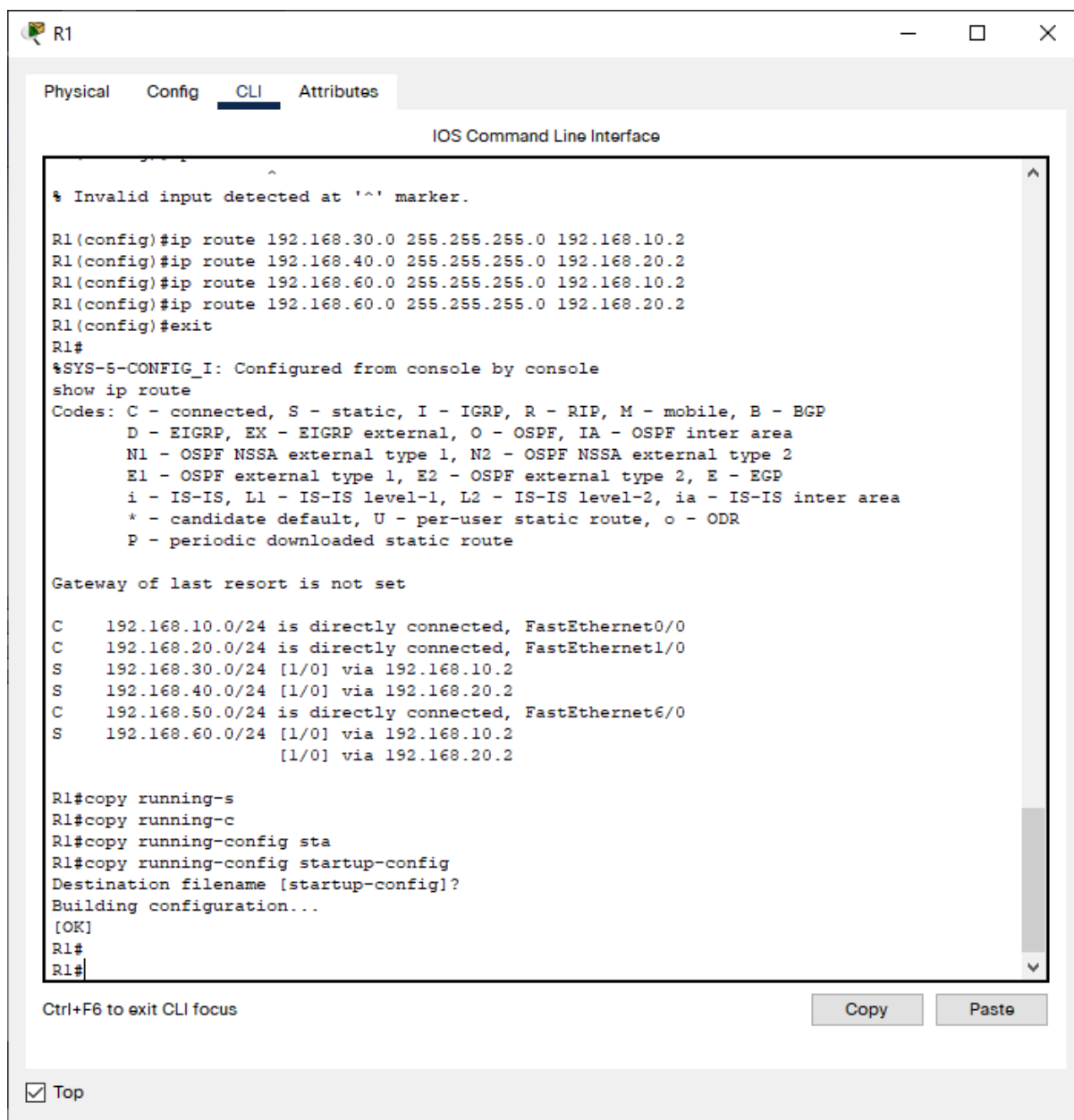


Configuração das interfaces do Roteador R4

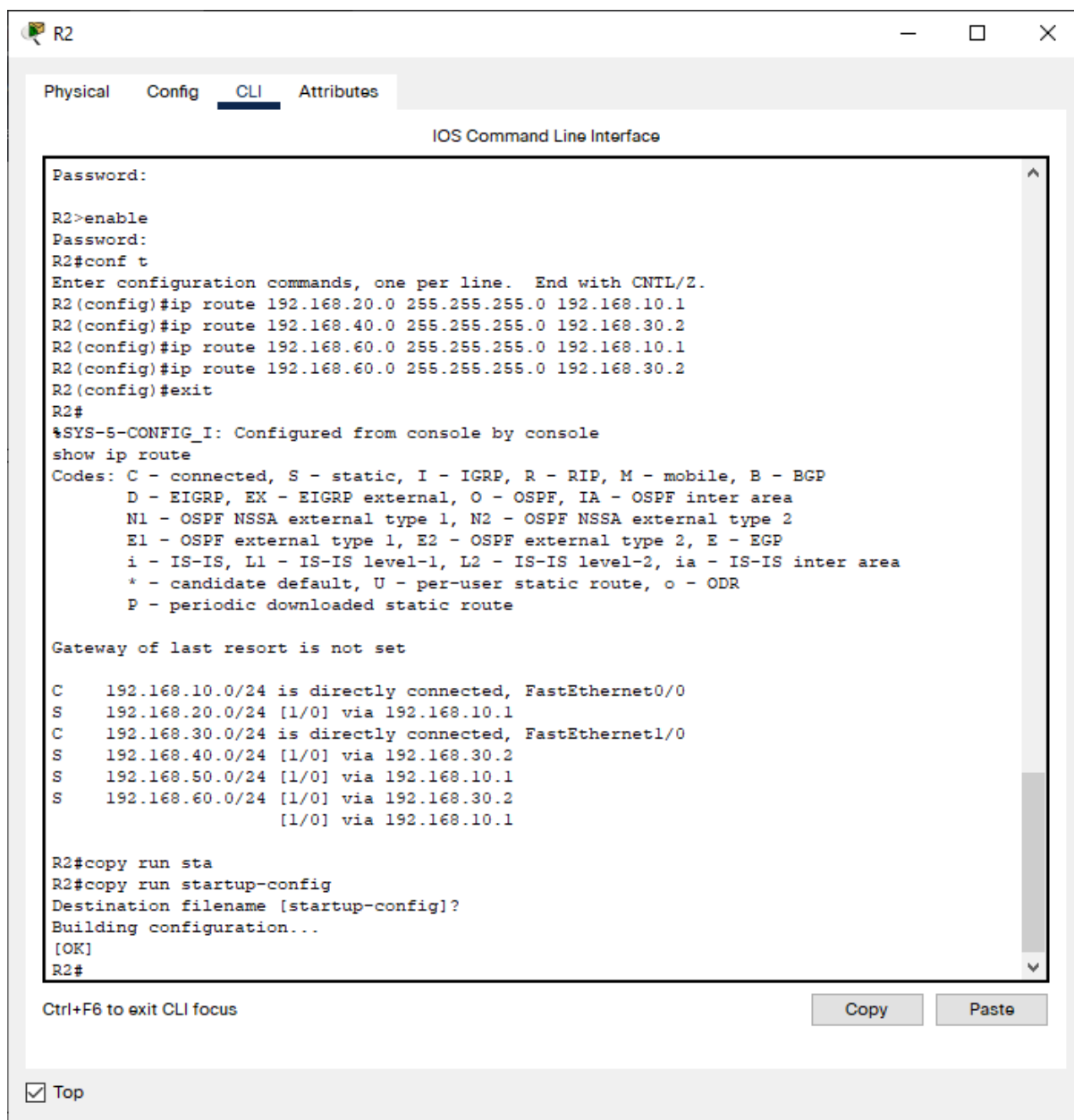


Etapa 3

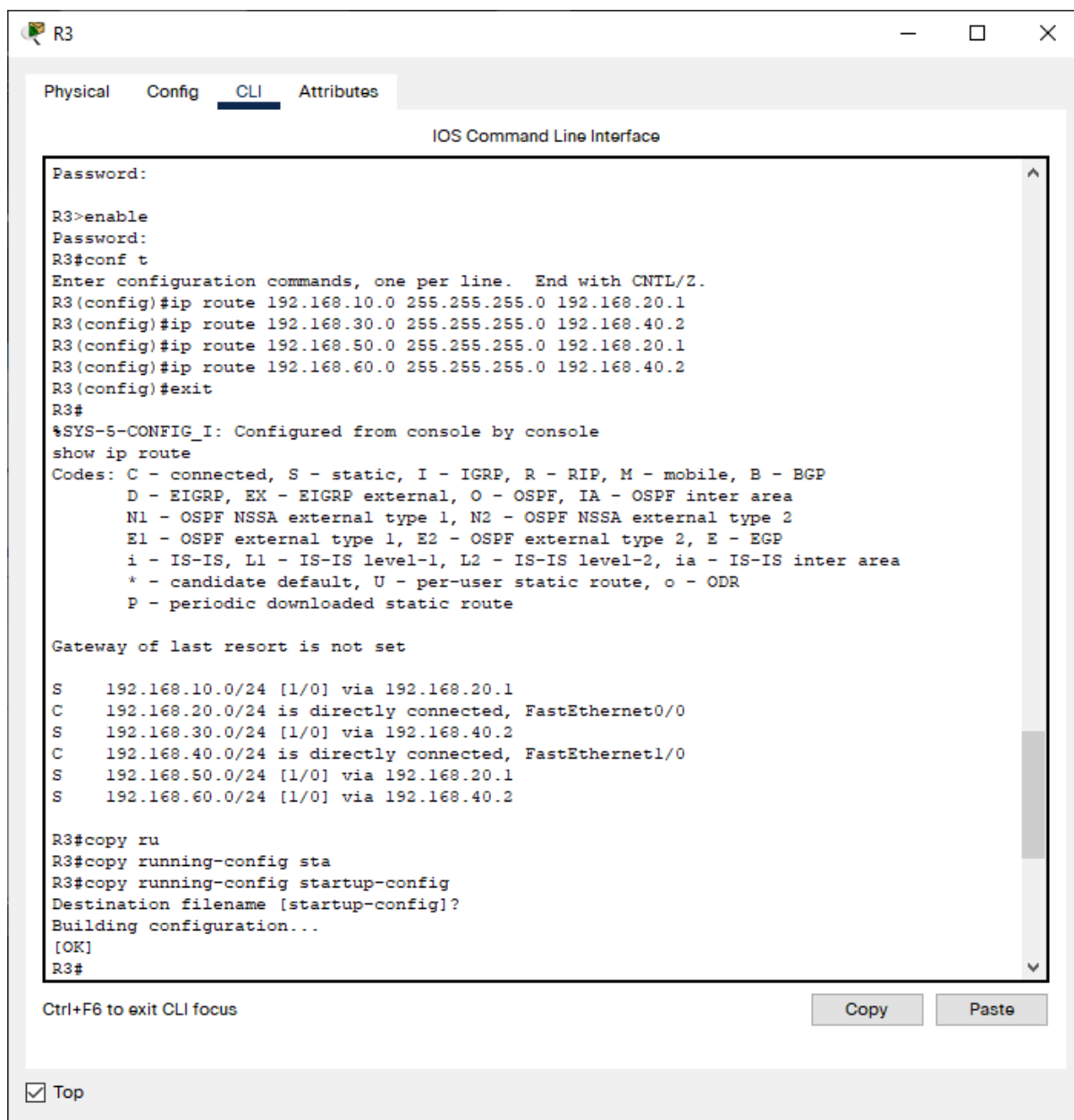
Configurar as rotas do Roteador R1



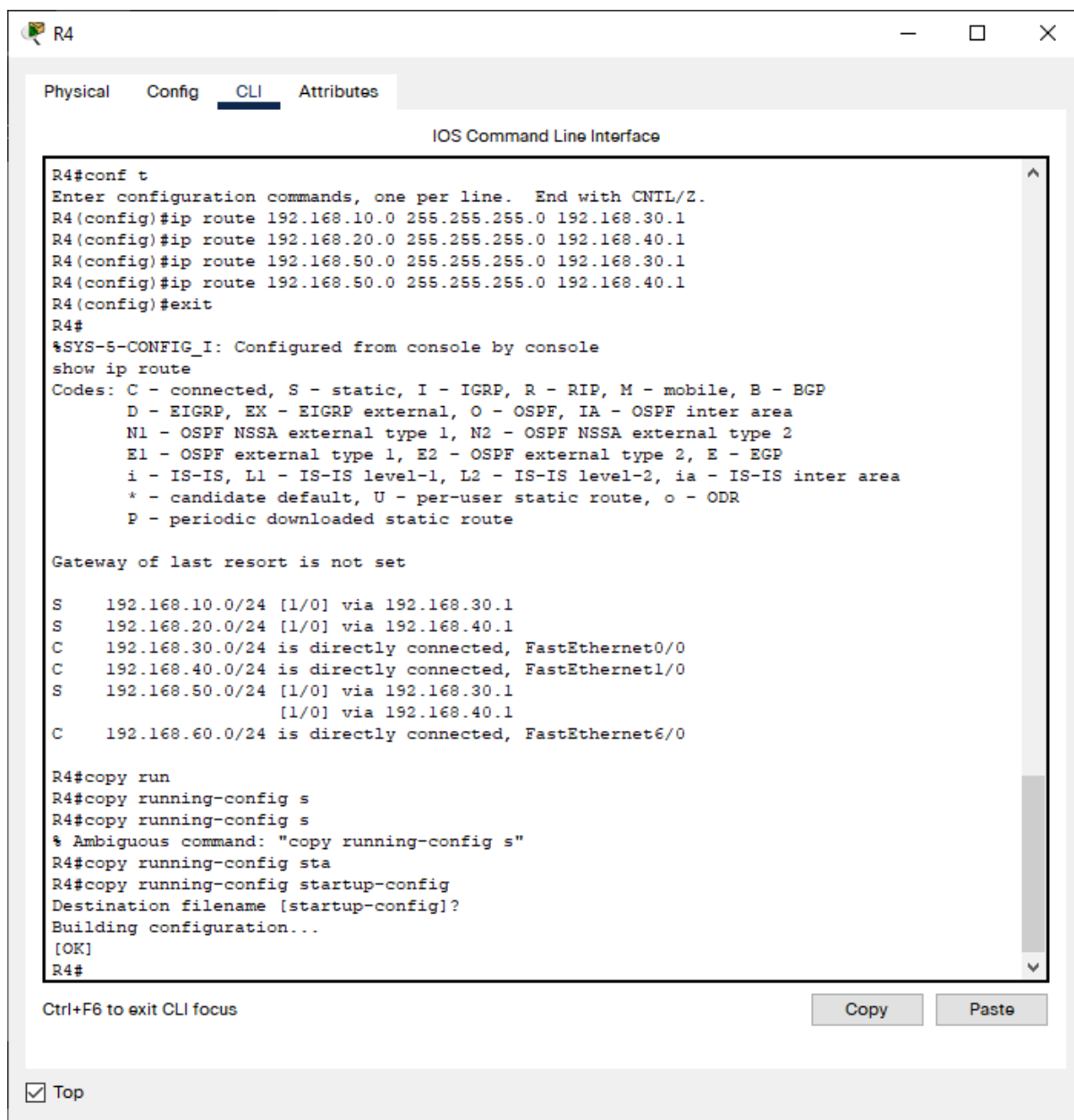
Configurar as rotas do Roteador R2



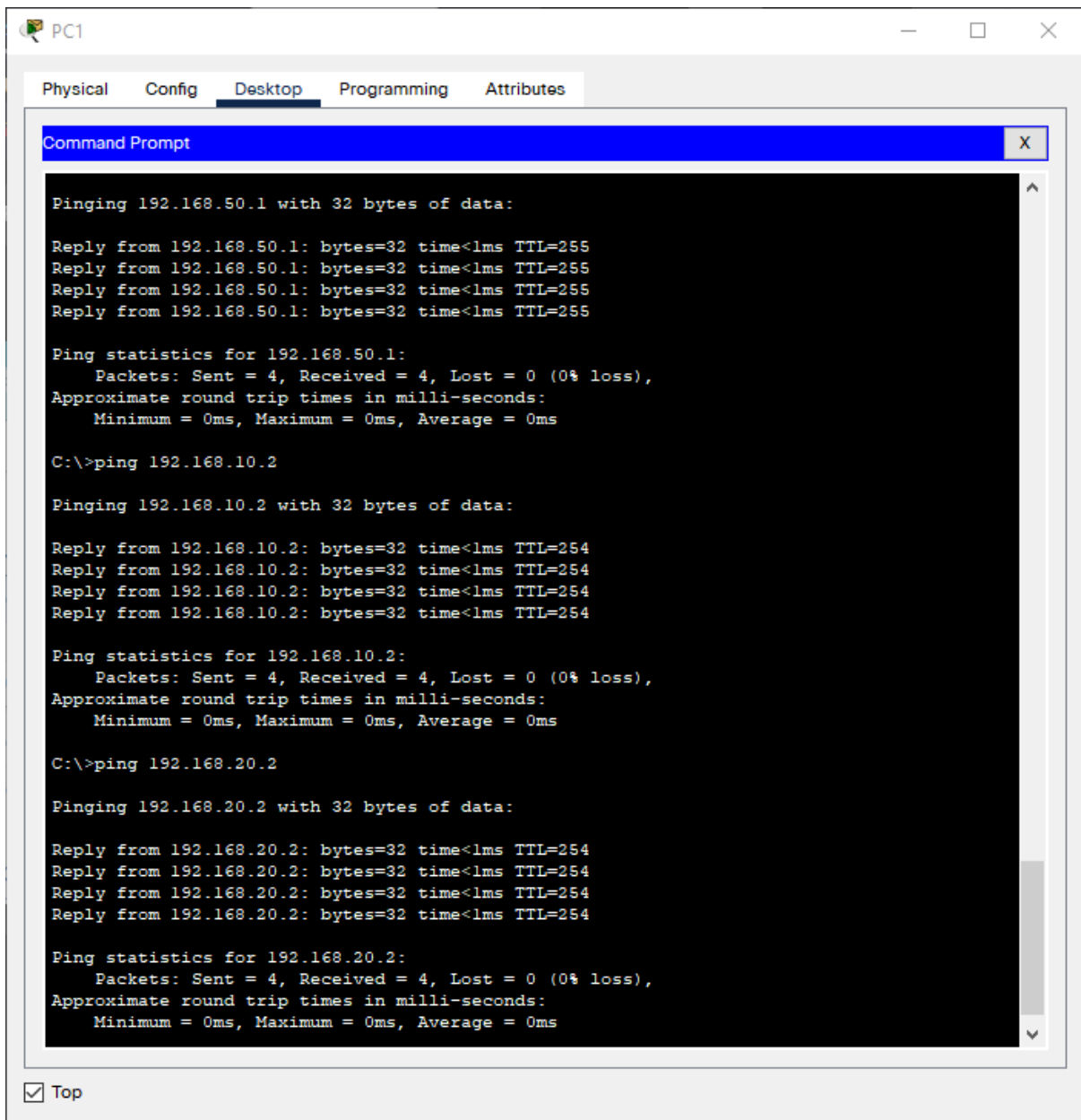
Configurar as rotas do Roteador R3

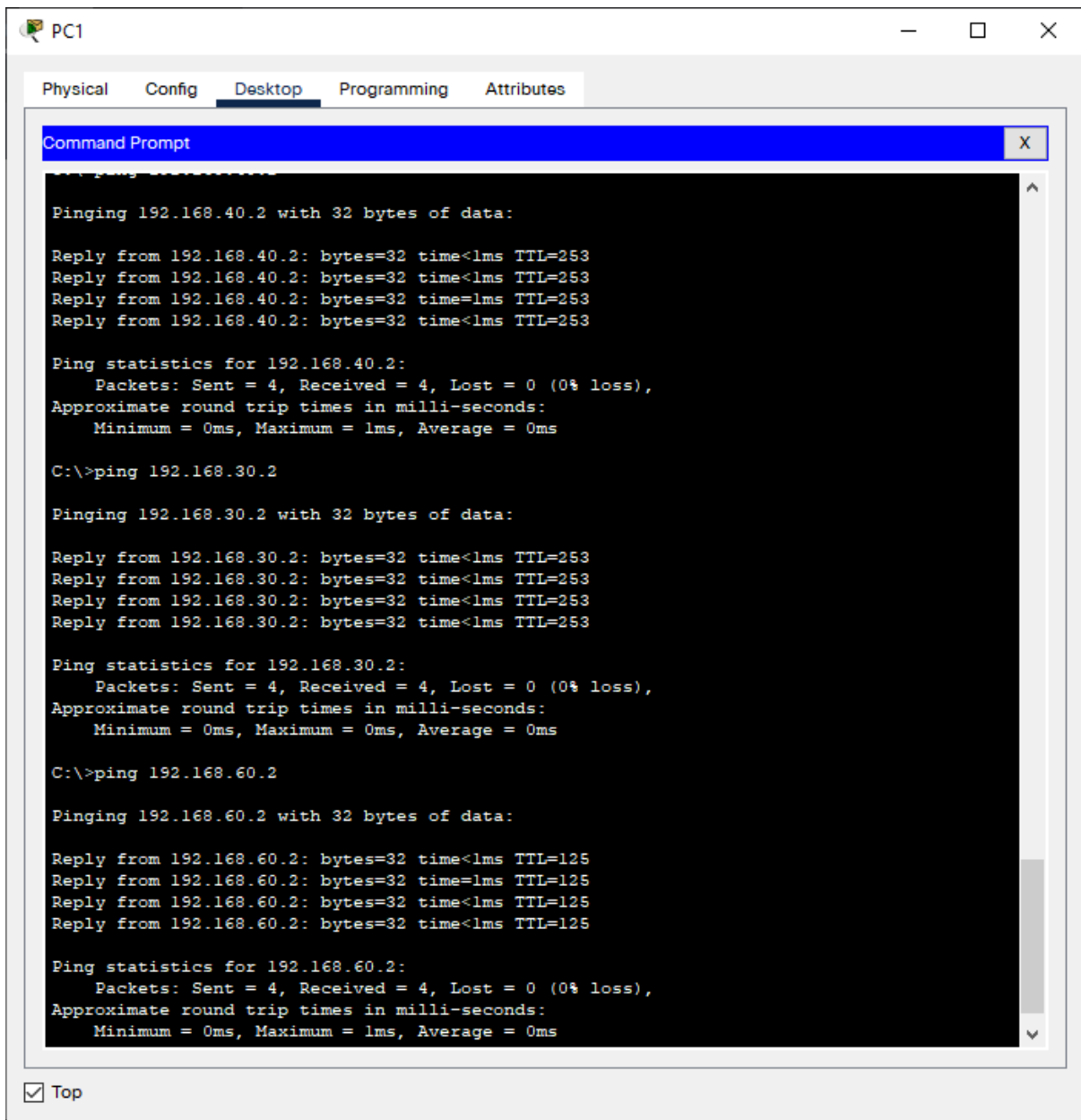


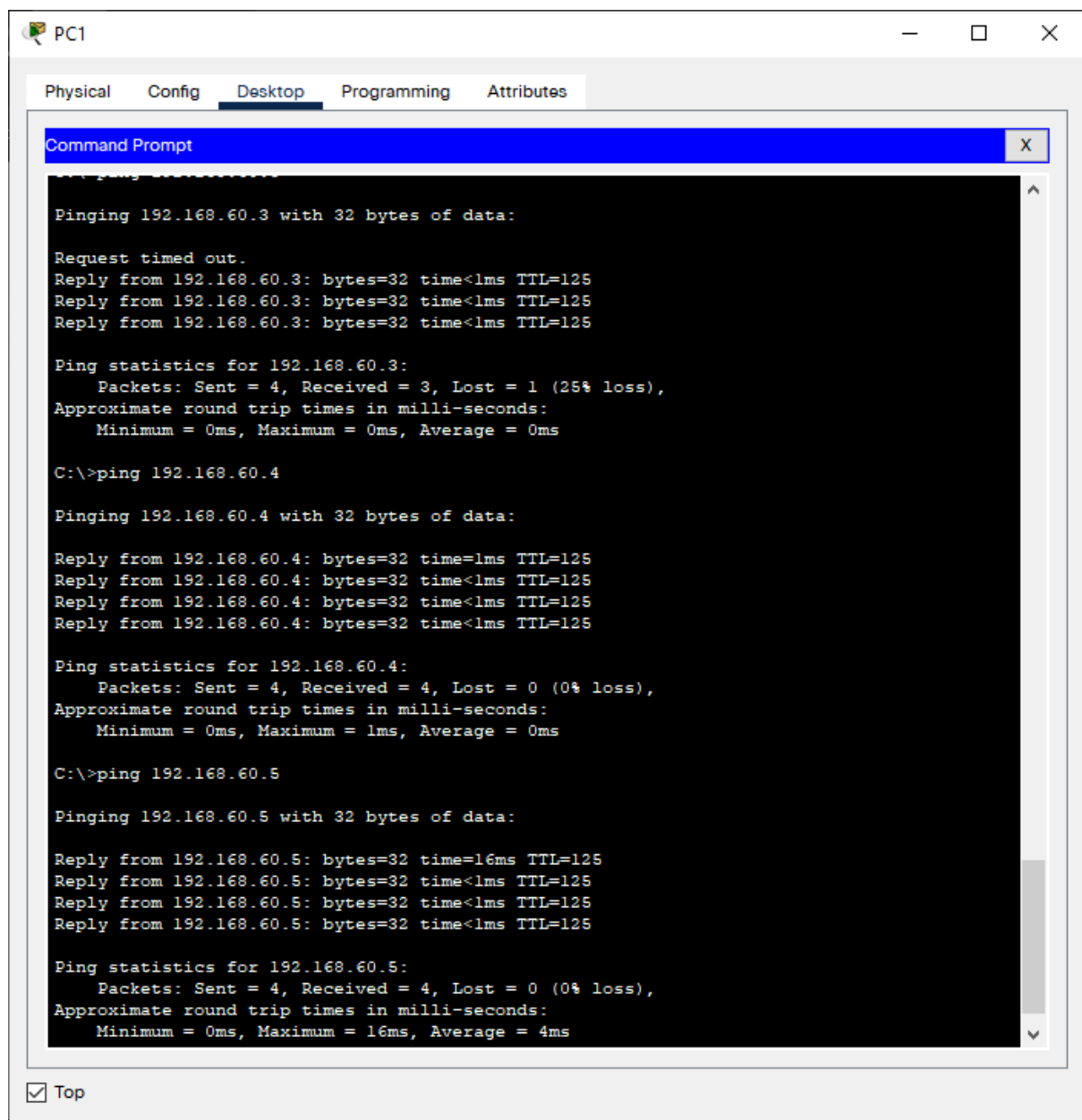
Configurar as rotas do Roteador R4



Testar a conectividade entre as duas redes locais

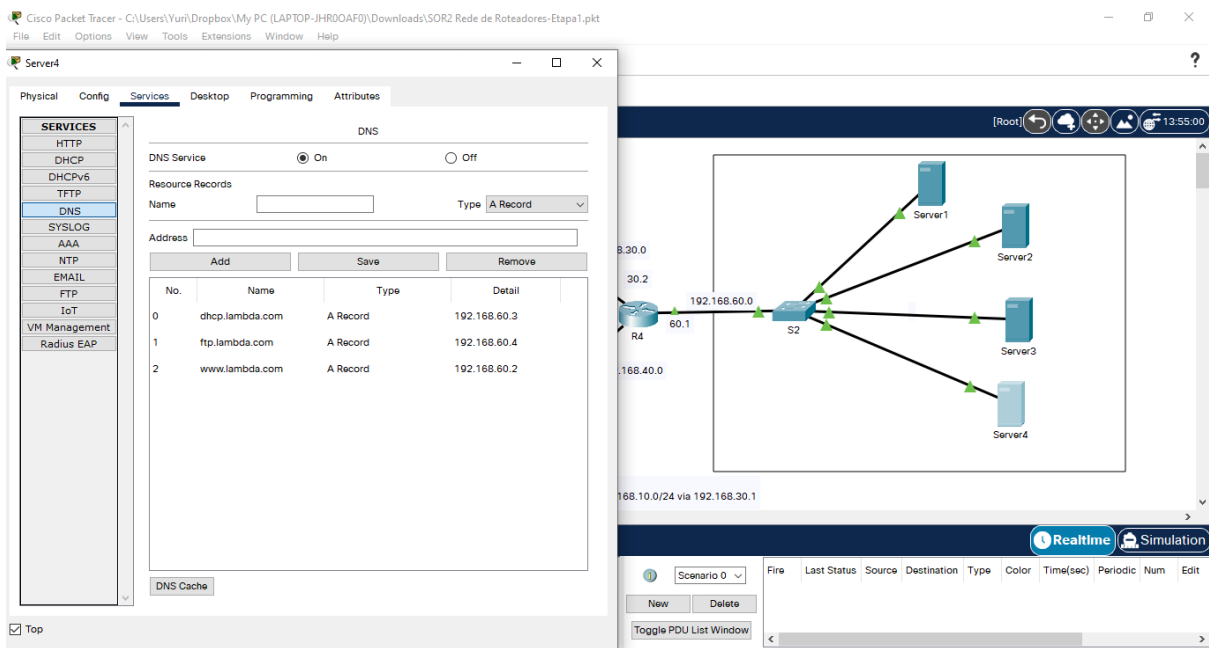
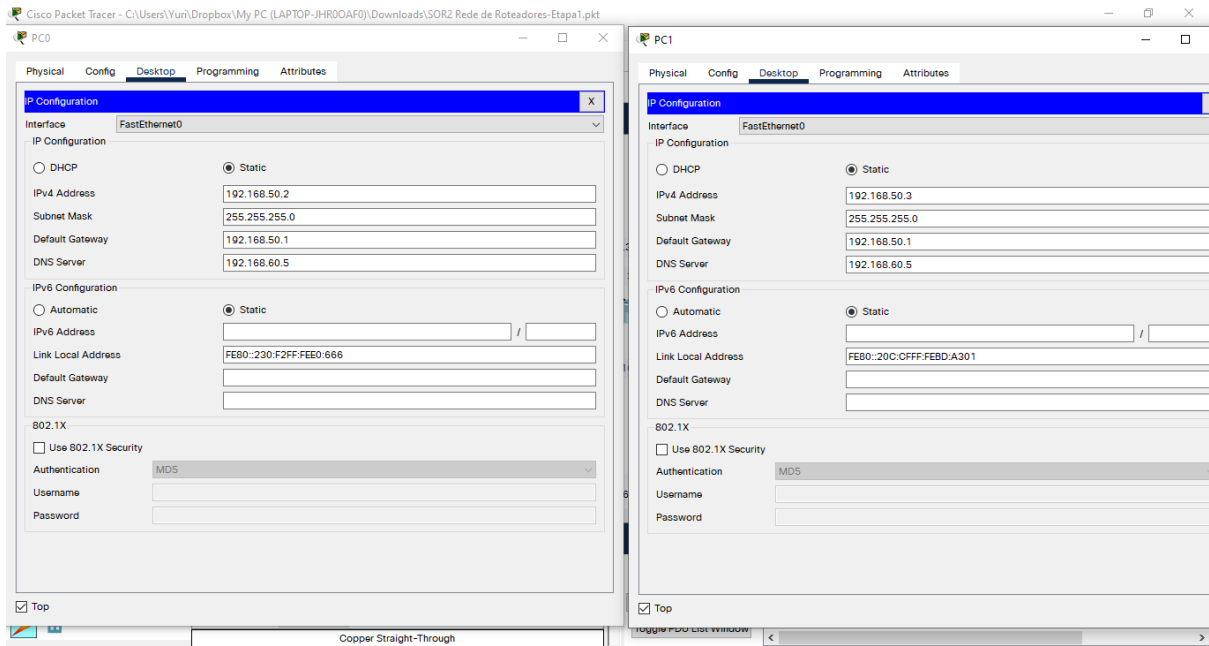


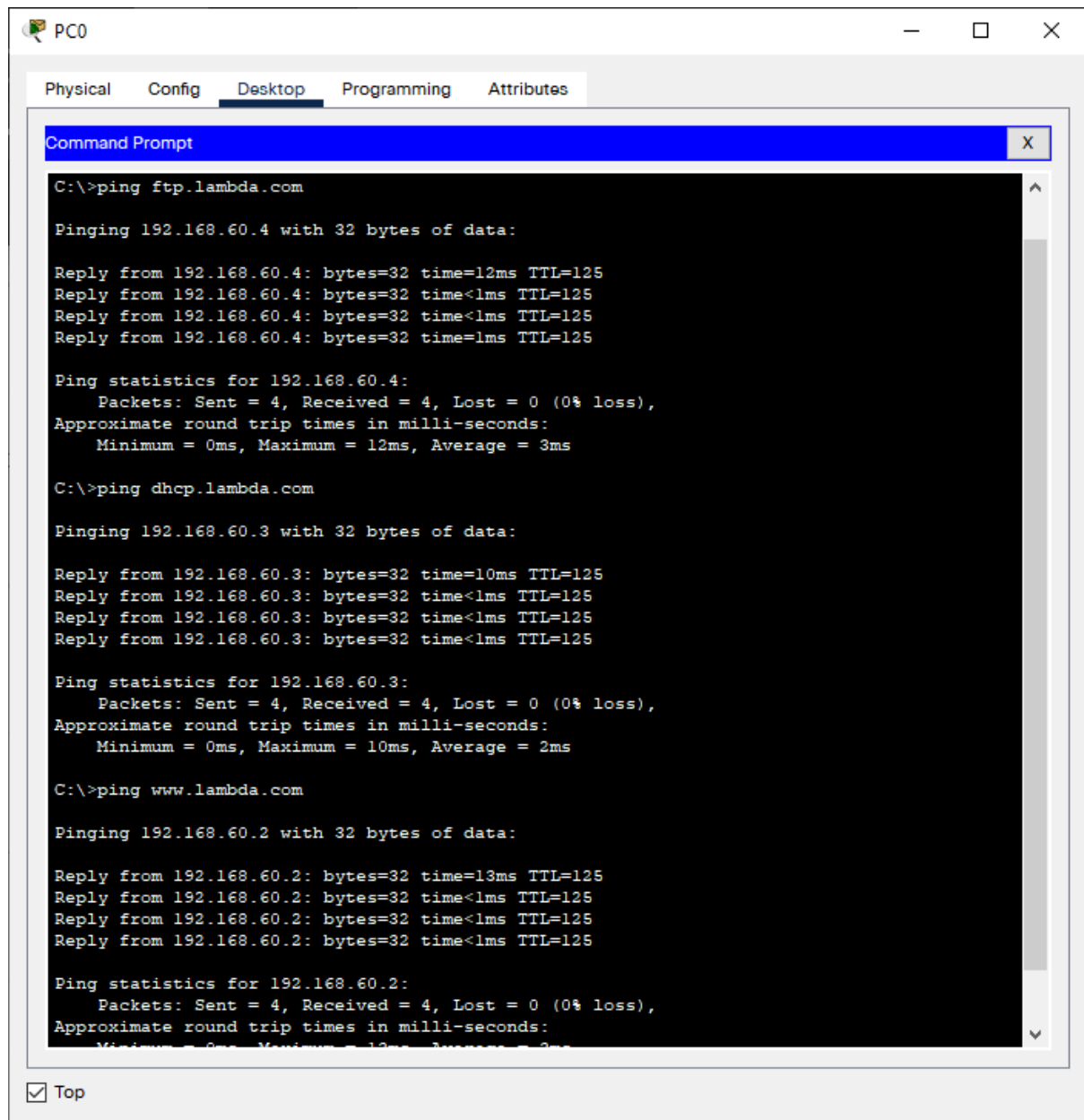




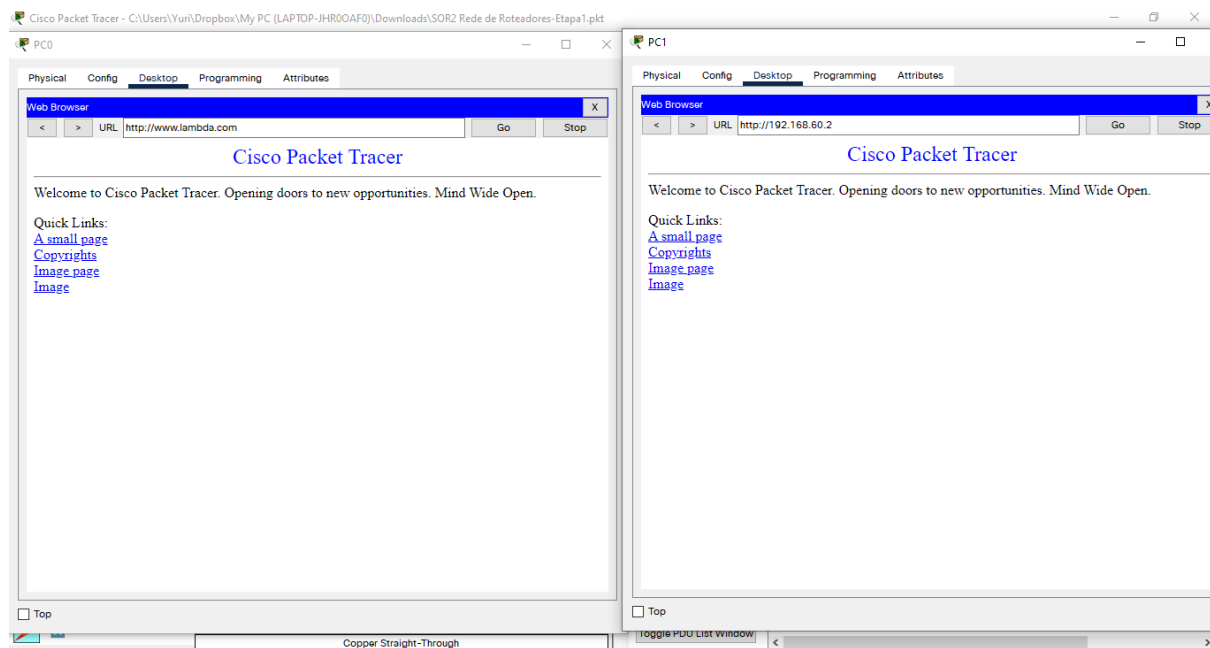
Etapas 4

Configurar e testar o serviço DNS

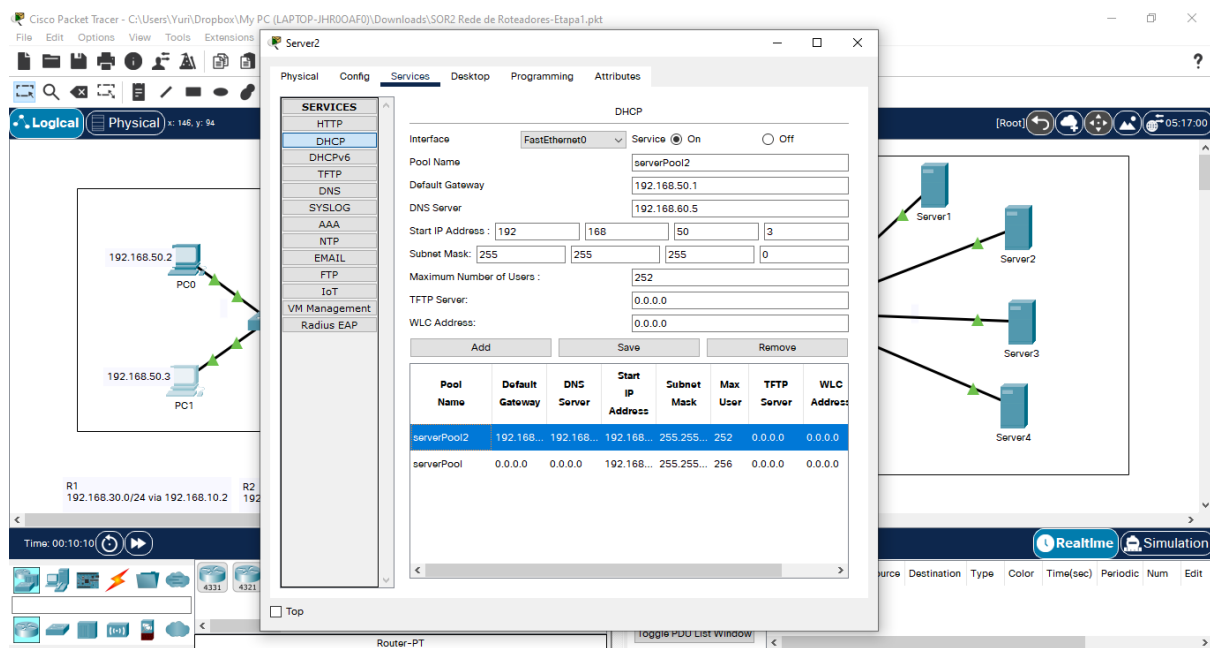




Configurar e testar o serviço HTTP



Configurar e testar o serviço DHCP



R1

Physical

Config

CLI

Attributes

IOS Command Line Interface

Press RETURN to get started!

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet6/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up

User Access Verification

Password:

Password:

R1>ena

R1>enable

Password:

R1#conf t

Enter configuration commands, one per line. End with CNTL/Z.

R1(config)#inte

R1(config)#interface fase

R1(config)#interface fast

R1(config)#interface fastEthernet 6/0

R1(config-if)#ip he

R1(config-if)#ip hel

R1(config-if)#ip helper

R1(config-if)#ip helper-address 192.168.60.3

R1(config-if)#end

R1#

%SYS-5-CONFIG_I: Configured from console by console

R1#

R1#

Ctrl+F6 to exit CLI focus

Copy

Paste

☒ Top

Cisco Packet Tracer - C:\Users\Yuri\Dropbox\My PC (LAPTOP-JH800AF0)\Downloads\SOR2 Rede de Roteadores-Etapa1.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 455, y: 203

PC0 192.168.50.2
PC1 192.168.50.3
R1 192.168.30.0/24 via 192.168.10.2
R2 192.168.20.0/24 via 192.168.10.1
R3 192.168.10.0/24 via 192.168.10.1

Time: 00:11:39

Router-PT

PC1

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IPv4 Address 192.168.50.3

Subnet Mask 255.255.255.0

Default Gateway 192.168.50.1

DNS Server 192.168.60.5

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

Link Local Address FE80::20C:CFFF:FE8D:A301

Default Gateway

DNS Server

802.1X

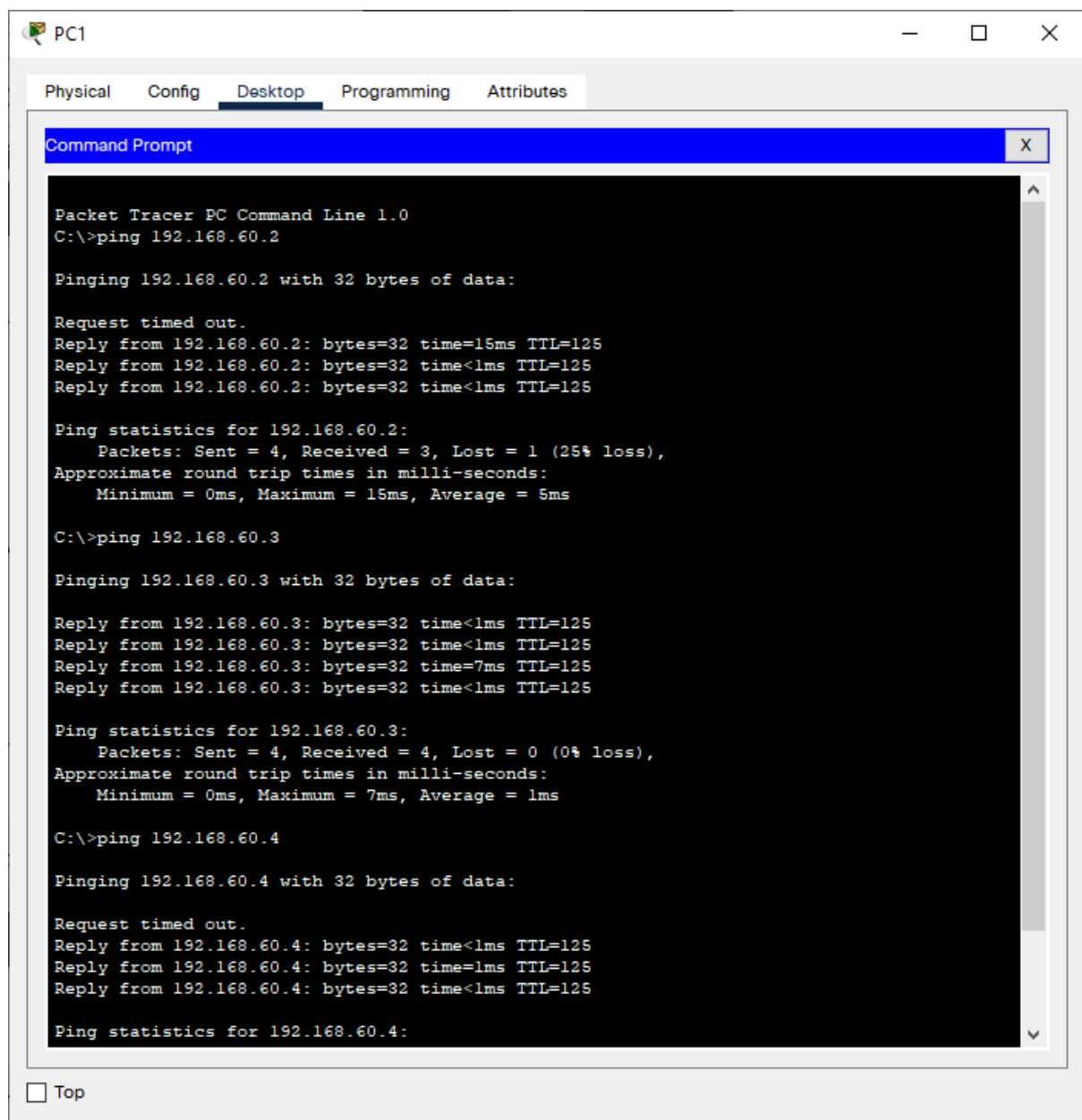
☐ Use 802.1X Security

Authentication MDS

Username

Password

Top



Configurar e testar o serviço FTP

Server3

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

FTP

Service

On

Off

User Setup

Username

Password

Write

Read

Delete

Rename

List

	Username	Password	Permission
1	cisco	cisco	RWDNL
2	xico	1234	RWDNL

Add

Save

Remove

File

1

asa842-k8.bin

2

asa923-k8.bin

3

c1841-advipservicesk9-mz.124-15.T1.bin

4

c1841-ipbase-mz.123-14.T7.bin

5

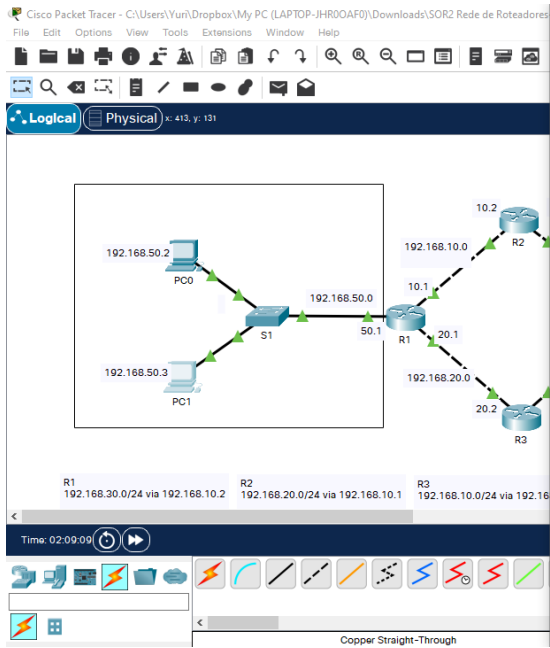
c1841-ipbasek9-mz.124-12.bin

6

c1900-universalk9-mz.SPA.155-3.M4a.bin

Remove

Top



PC1

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\>ftp ftp.lambda.com
Trying to connect...ftp.lambda.com
Connected to ftp.lambda.com
220- Welcome to FT Ftp server
Username:mico
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>dir

Listing /ftp directory from ftp.lambda.com:
 0 : asa842-k9.bin                    5571584
 1 : asa923-k9.bin                    30468096
 2 : c1841-advipservicesk9-ms.124-15.T1.bin 33591768
 3 : c1841-ibase-ms.123-14.T1.bin      15832032
 4 : c1841-ibasek9-ms.124-12.bin      16599160
 5 : c1900-universalk9-ms.SPA.155-3.M4a.bin 33591768
 6 : c2600-advipservicesk9-ms.124-15.T1.bin 33591768
 7 : c2600-1-ms.122-28.bin            5571584
 8 : c2600-ibasek9-ms.124-8.bin       13165700
 9 : c2800m-advipservicesk9-ms.124-15.T1.bin 50938004
10 : c2800m-advipservicesk9-ms.151-4.M4.bin 33591768
11 : c2800m-ibase-ms.123-14.T1.bin     5571584
12 : c2800m-ibasek9-ms.124-8.bin       15522444
13 : c2900-universalk9-ms.SPA.155-3.M4a.bin 33591768
14 : c2950-16q412-ms.121-22.EA4.bin   3058048
15 : c2950-16q412-ms.121-22.EA8.bin   3117390
16 : c2960-lanbase-ms.122-28.FX.bin    4414921
17 : c2960-lanbase-ms.122-28.SX31.bin  4670455
18 : c2960-lanbasek9-ms.150-2.SE4.bin   4670455
19 : c3560-advipservicesk9-ms.122-37.SE1.bin 8662192
20 : c3560-advipservicesk9-ms.122-46.SE.bin 10713279
21 : c800-universalk9-ms.SPA.152-4.M4a.bin 33591768
22 : c800-universalk9-ms.SPA.154-3.M4a.bin 83029236
23 : cat3k_caa-universalk9.16.03.02.SPA.bin 505532849
24 : cgr1000-universalk9-ms.SPA.154-1.CG 159487552
25 : cgr1000-universalk9-ms.SPA.156-3.CG 184530139
26 : ix800-universalk9-bundle.SPA.156-3.M.bin 160968865
27 : ix900-universalk9-ms.SPA.155-3.M  61750062
28 : ix800-universalk9-ms.SPA.156-3.M  64753767
```

☐ Top