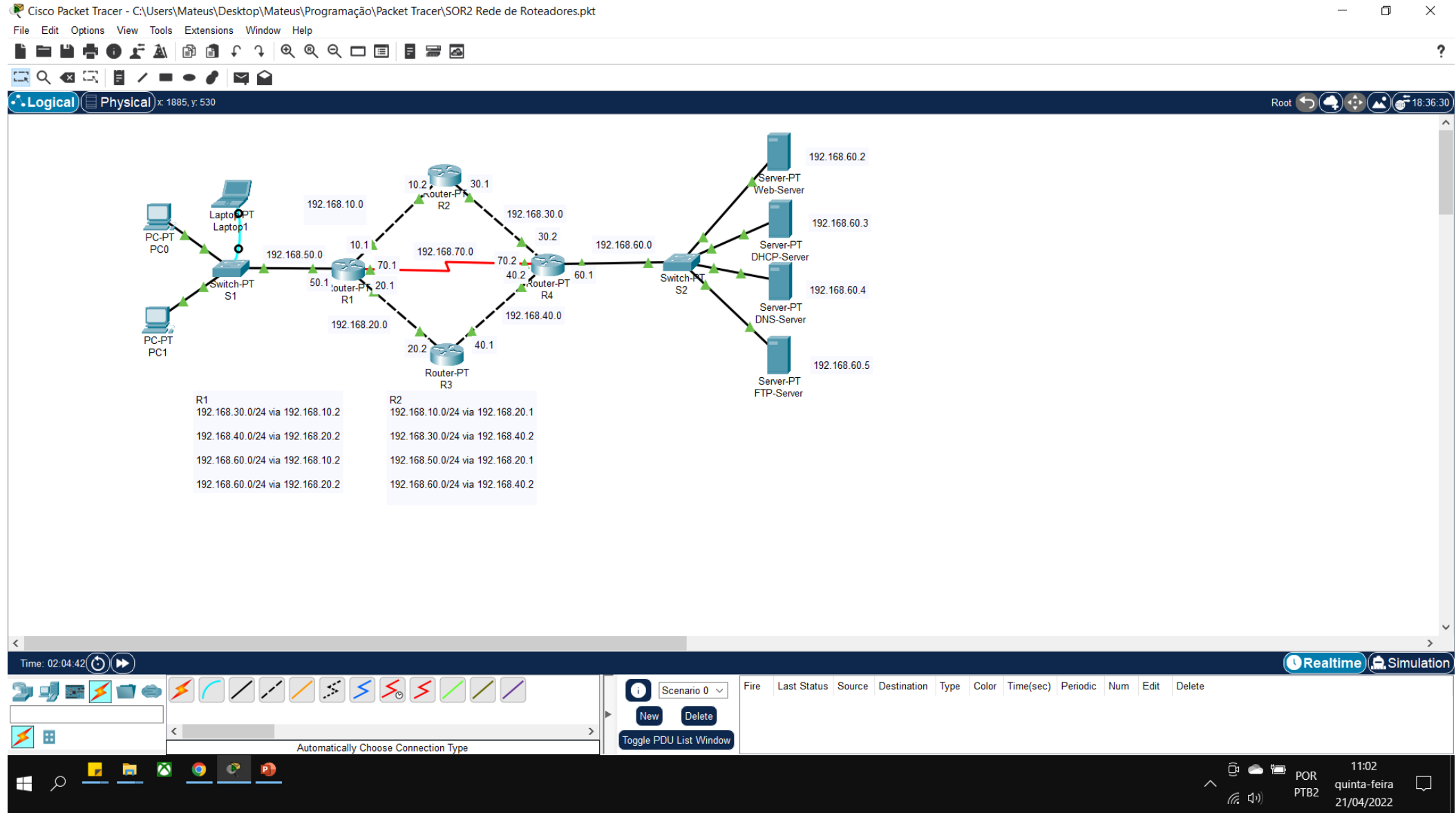


Avaliação 03

Aluno: Mateus Pereira Santos

a)Print da topologia



b)Print dos pings

Cisco Packet Tracer - C:\Users\Mateus\Desktop\Mateus\Programação\Packet Tracer\SOR2 Rede de Roteadores.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 1869, y 659

R1
192.168.30.0/24 via 192.168.10.2
192.168.40.0/24 via 192.168.20.2
192.168.60.0/24 via 192.168.10.2
192.168.60.0/24 via 192.168.20.2

R2
192.168.10.0/24 via 192.168.20.1
192.168.30.0/24 via 192.168.40.2
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

R3
192.168.10.0/24 via 192.168.20.1
192.168.30.0/24 via 192.168.40.2
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

R4
192.168.30.0/24 via 192.168.40.2
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

S1
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

S2
192.168.60.0/24 via 192.168.40.2

PC0
192.168.10.1
Laptop1
192.168.10.2
PC1
192.168.10.3

Server-PT Web-Server
192.168.60.1
Server-PT DHCP-Server
192.168.60.2
Server-PT DNS-Server
192.168.60.3
Server-PT FTP-Server
192.168.60.4

PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 0ms, Average = 0ms  
  
C:\>ping 192.168.70.1  
  
Pinging 192.168.70.1 with 32 bytes of data:  
  
Reply from 192.168.70.1: bytes=32 time<1ms TTL=255  
Reply from 192.168.70.1: bytes=32 time<1ms TTL=255  
Reply from 192.168.70.1: bytes=32 time<1ms TTL=255  
Reply from 192.168.70.1: bytes=32 time<1ms TTL=255  
  
Ping statistics for 192.168.70.1:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 0ms, Average = 0ms  
  
C:\>ping 192.168.70.2  
  
Pinging 192.168.70.2 with 32 bytes of data:  
  
Reply from 192.168.70.2: bytes=32 time=22ms TTL=253  
Reply from 192.168.70.2: bytes=32 time=16ms TTL=253  
Reply from 192.168.70.2: bytes=32 time=19ms TTL=254  
Reply from 192.168.70.2: bytes=32 time=8ms TTL=253  
  
Ping statistics for 192.168.70.2:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 8ms, Maximum = 22ms, Average = 16ms  
  
C:\>
```

Time: 00:06:05

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

1841

11:12 quinta-feira 21/04/2022

c) Print da configuração da Interface de Rede dos PC0 e PC1 mostrando que o DHCP(PC01)

Cisco Packet Tracer - C:\Users\Mateus\Desktop\Mateus\Programação\Packet Tracer\SOR2 Rede de Roteadores.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1893, y: 227

PC1

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address 192.168.50.2

Subnet Mask 255.255.255.0

Default Gateway 192.168.50.1

DNS Server 192.168.60.4

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

Link Local Address FE80::230:F2FF:FEE0:666

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

Time: 00:09:04

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

829

11:16 quinta-feira 21/04/2022

c) Print da configuração da Interface de Rede dos PC0 e PC1 mostrando que o DHCP(PC02)

Cisco Packet Tracer - C:\Users\Mateus\Desktop\Mateus\Programação\Packet Tracer\SOR2 Rede de Roteadores.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 322, y 688

PC-PT PC1
Laptop-PT Laptop1
Switch-PT S1
PC-PT PC2
Router-PT R1
Router-PT R2
Router-PT R3
Router-PT R4
Switch-PT S2
Server-PT Web-Server
Server-PT DHCP-Server
Server-PT DNS-Server
Server-PT FTP-Server

R1
192.168.30.0/24 via 192.168.10.2
192.168.40.0/24 via 192.168.20.2
192.168.60.0/24 via 192.168.10.2
192.168.60.0/24 via 192.168.20.2

R2
192.168.10.0/24 via 192.168.20.1
192.168.30.0/24 via 192.168.40.2
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

PC2 Configuration

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address 192.168.50.3

Subnet Mask 255.255.255.0

Default Gateway 192.168.50.1

DNS Server 192.168.60.4

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

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

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Top

Time: 00:09:54

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

2901

Realtime Simulation

11:16 quinta-feira 21/04/2022

d) Print do Acesso ao servidor Web;

Cisco Packet Tracer - C:\Users\Mateus\Desktop\Mateus\Programação\Packet Tracer\SOR2 Rede de Roteadores.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 314, y 682

PC1 Desktop Web Browser

URL: <http://192.168.60.2> Go Stop

Cisco Packet Tracer

Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.

Quick Links:
[A small page](#)
[Copyrights](#)
[Image page](#)
[Image](#)

Time: 00:17:46

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

ISR4331

19:25 domingo 24/04/2022

e) Print do Acesso ao servidor FTP;

Cisco Packet Tracer - C:\Users\Mateus\Desktop\Mateus\Programação\Packet Tracer\SOR2 Rede de Roteadores.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 1075, y 384

R1
192.168.30.0/24 via 192.168.10.2
192.168.40.0/24 via 192.168.20.2
192.168.60.0/24 via 192.168.10.2
192.168.60.0/24 via 192.168.20.2

R2
192.168.10.0/24 via 192.168.20.1
192.168.30.0/24 via 192.168.40.2
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

R3
192.168.40.0/24 via 192.168.20.1
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

R4
192.168.30.0/24 via 192.168.40.2
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

PC1

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>ftp 192.168.60.5
Trying to connect...192.168.60.5
Connected to 192.168.60.5
220- Welcome to PT Ftp server
Username:mateus
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>help
?
cd
delete
dir
get
help
passive
put
pwd
quit
rename
ftp>
```

Time: 00:18:37

Scenario 0

New Delete

Toggle PDU List Window

819HG-4G-IOX

Realtime Simulation

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Windows taskbar: 19:25 domingo 24/04/2022

f) Print de um ping usando o nome de um servidor.

Cisco Packet Tracer - C:\Users\Mateus\Desktop\Mateus\Programação\Packet Tracer\SOR2 Rede de Roteadores.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 1895, y 426

R1
192.168.30.0/24 via 192.168.10.2
192.168.40.0/24 via 192.168.20.2
192.168.60.0/24 via 192.168.10.2
192.168.60.0/24 via 192.168.20.2

R2
192.168.10.0/24 via 192.168.20.1
192.168.30.0/24 via 192.168.40.2
192.168.50.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.2

R3
192.168.20.0/24 via 192.168.10.1
192.168.30.0/24 via 192.168.40.1
192.168.40.0/24 via 192.168.20.1
192.168.60.0/24 via 192.168.40.1

PC1
192.168.10.0/24 via 192.168.50.0

Server-PT Web-Server
192.168.60.2

Server-PT DHCP-Server
192.168.60.3

Server-PT DNS-Server
192.168.60.4

Server-PT FTP-Server
192.168.60.5

PC1

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\>  
C:\>  
C:\>  
C:\>ping dhcpserver  
  
Pinging 192.168.60.3 with 32 bytes of data:  
  
Reply from 192.168.60.3: bytes=32 time<1ms TTL=126  
Reply from 192.168.60.3: bytes=32 time<1ms TTL=125  
Reply from 192.168.60.3: bytes=32 time=7ms TTL=125  
Reply from 192.168.60.3: bytes=32 time<1ms TTL=126  
  
Ping statistics for 192.168.60.3:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 7ms, Average = 2ms  
  
C:\>ping webserver  
  
Pinging 192.168.60.2 with 32 bytes of data:  
  
Reply from 192.168.60.2: bytes=32 time=2ms TTL=125  
Reply from 192.168.60.2: bytes=32 time=1ms TTL=126  
Reply from 192.168.60.2: bytes=32 time<1ms TTL=125  
Reply from 192.168.60.2: bytes=32 time=1ms TTL=125  
  
Ping statistics for 192.168.60.2:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 2ms, Average = 1ms  
  
C:\>
```

Time: 00:14:21

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

829

11:21 quinta-feira 21/04/2022