

## AUXILIATURA DE LABORATORIO DE TELEMATICA MODULO 4

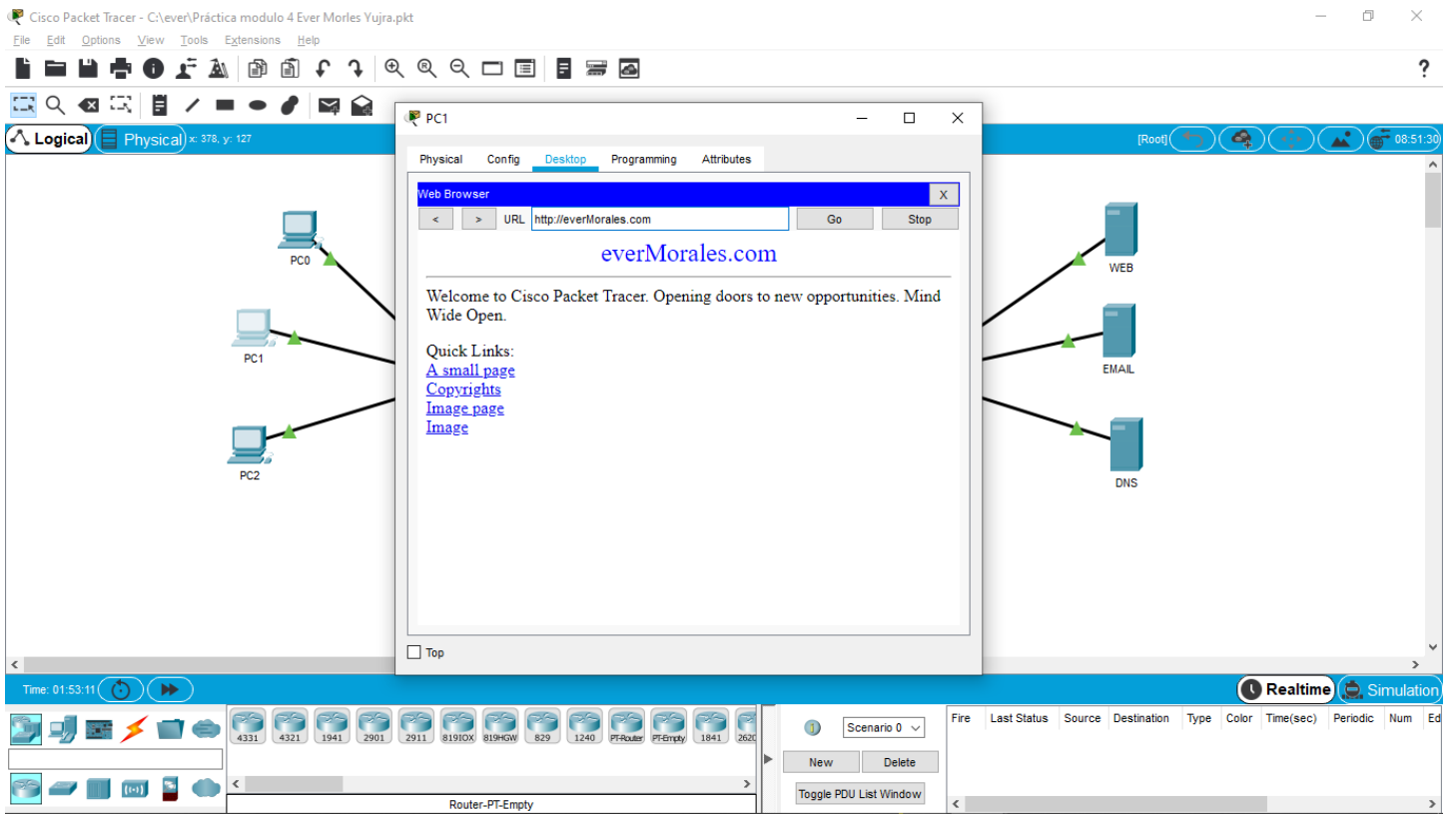
a) Muestre la tabla VLSM para la división de la red.

subred	Tamaño	Dirección	masc	Máscara de subred	Rango	Broadcast
A	30	192.168.0.0	/27	255.255.255.224	192.168.0.1 - 192.168.0.30	192.168.0.31
C	14	192.168.0.32	/28	255.255.255.224	192.168.0.33 - 192.168.0.46	192.168.0.47
B	2	192.168.0.48	/30	255.255.255.224	192.168.0.49 - 192.168.0.50	192.168.0.51

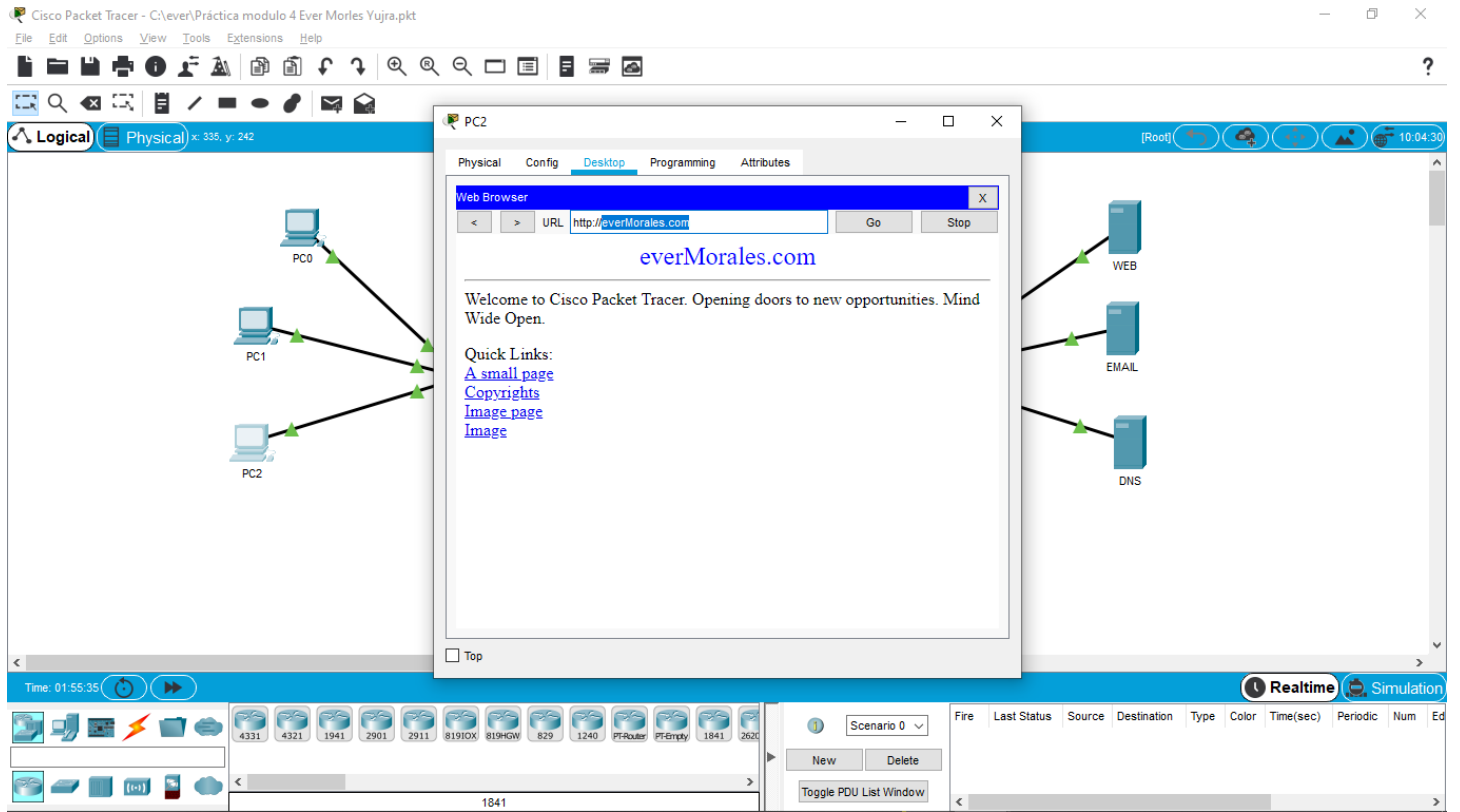
b) Ingrese a su página web (nombreApellido.com) desde cada una de las Pcs (mostrar las capturas por cada PC).  
PC0:

The screenshot shows the Cisco Packet Tracer interface. In the center, a window for PC0 is open, displaying the 'Desktop' tab. A web browser window is active, showing the URL 'http://everMorales.com' in the address bar. The browser displays the website 'everMorales.com' with a welcome message: 'Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.' Below the message are 'Quick Links' for 'A small page', 'Copyrights', 'Image page', and 'Image'. The background shows a network topology with three PCs (PC0, PC1, PC2) connected to a central switch, and a server rack containing WEB, EMAIL, and DNS services. The bottom status bar indicates 'Time: 01:51:40' and 'Realtime' simulation mode.

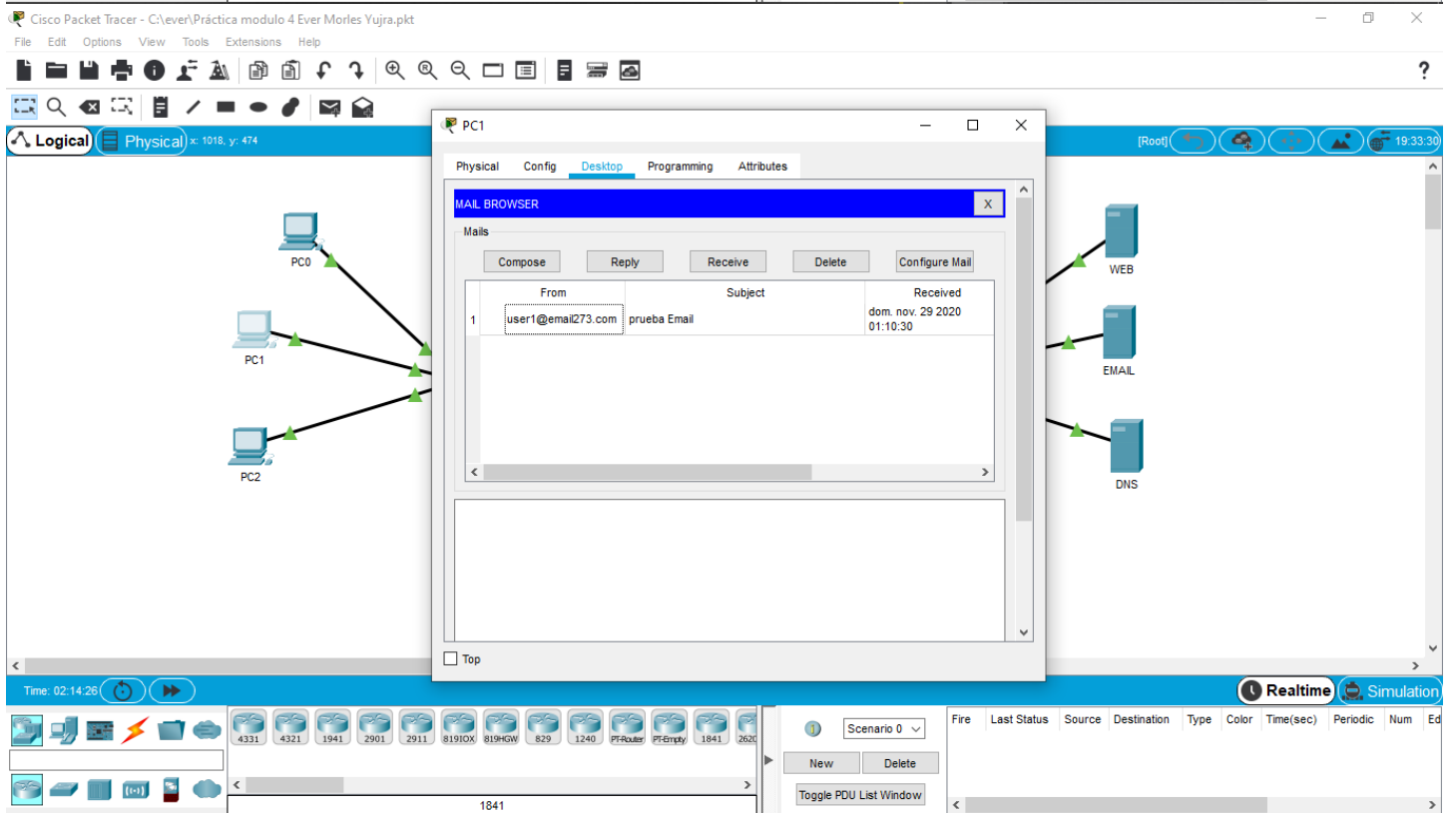
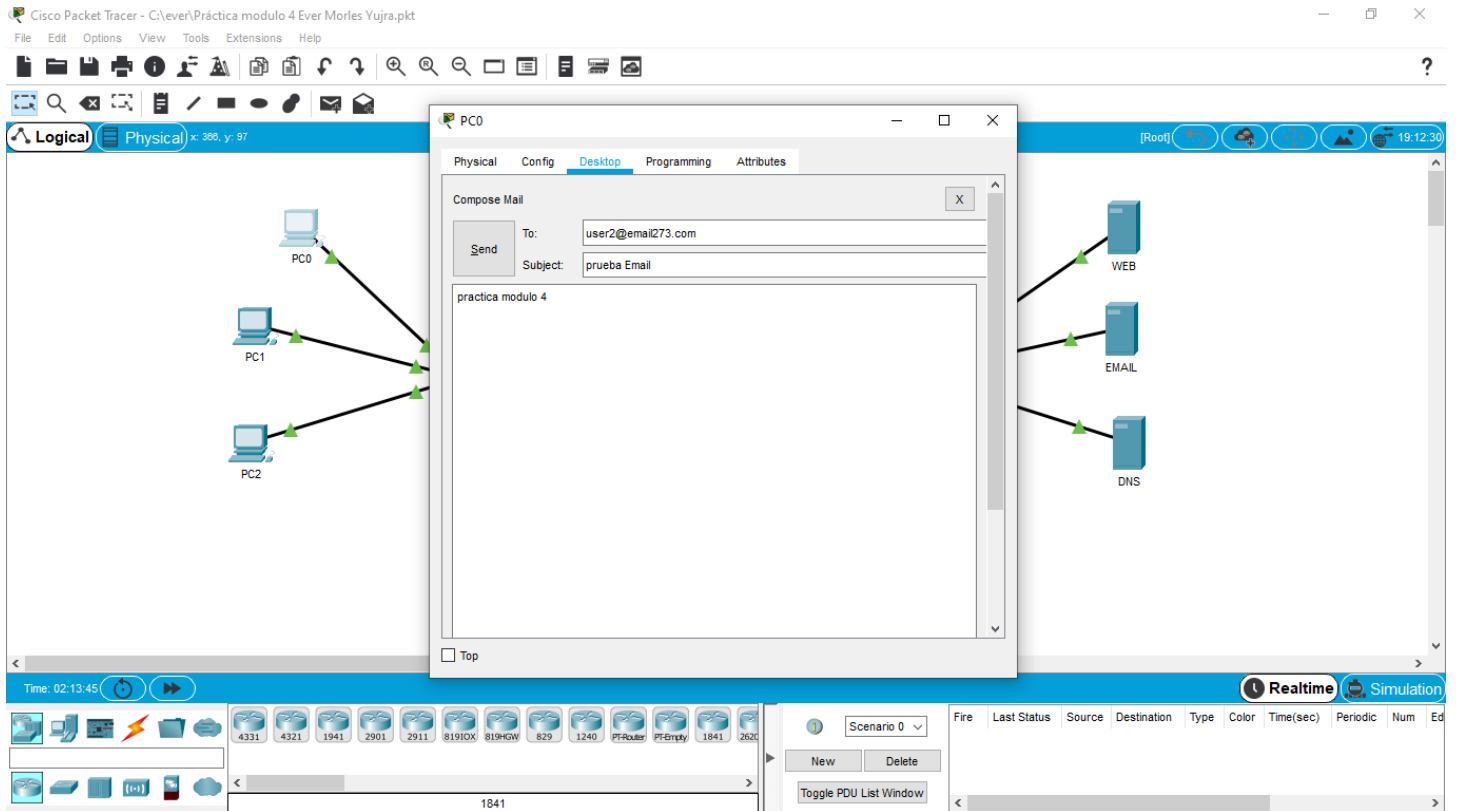
PC1:



PC2:



c) Envíe mensajes con las cuentas de correo entre las Pcs (mostrar capturas).DE PC0 A PC1:



## DE PC0 A PC2:

Cisco Packet Tracer - C:\ever\Práctica modulo 4 Ever Morles Yujra.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 370, y: 87

PC0

Compose Mail

To: user3@email273.com

Subject: prueba Email a PC2

practica modulo 4

PC0, PC1, PC2

WEB, EMAIL, DNS

Time: 02:16:00

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

1841

Cisco Packet Tracer - C:\ever\Práctica modulo 4 Ever Morles Yujra.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 383, y: 179

PC2

MAIL BROWSER

Mails

Compose Reply Receive Delete Configure Mail

	From	Subject	Received
1	user1@email273....	prueba Email a PC2	dom. nov. 29 2020 01:14:29

PC0, PC1, PC2

WEB, EMAIL, DNS

Time: 02:16:56

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

1841

d) Muestre la tabla de enrutamiento en los 2 routers (mostrar capturas).

Cisco Packet Tracer - C:\ever\Práctica modulo 4 Ever Morles Yujra.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 975, y: 8

Router2

Physical Config CLI Attributes

IOS Command Line Interface

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

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed
state to up

Router>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

192.168.0.0/24 is variably subnetted, 3 subnets, 3 masks
C       192.168.0.0/27 [1/0] via 192.168.0.49
S       192.168.0.32/28 [1/0] via 192.168.0.49
C       192.168.0.48/30 is directly connected, Serial0/0/0
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

Time: 02:19:57

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

2620XM

Cisco Packet Tracer - C:\ever\Práctica modulo 4 Ever Morles Yujra.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 734, y: 217

Router3

Physical Config CLI Attributes

IOS Command Line Interface

```
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed
state to up

Router>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

192.168.0.0/24 is variably subnetted, 3 subnets, 3 masks
S       192.168.0.0/27 [1/0] via 192.168.0.50
C       192.168.0.32/28 is directly connected, FastEthernet0/0
C       192.168.0.48/30 is directly connected, Serial0/0/0

Router>
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

Time: 02:20:29

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

2620XM