

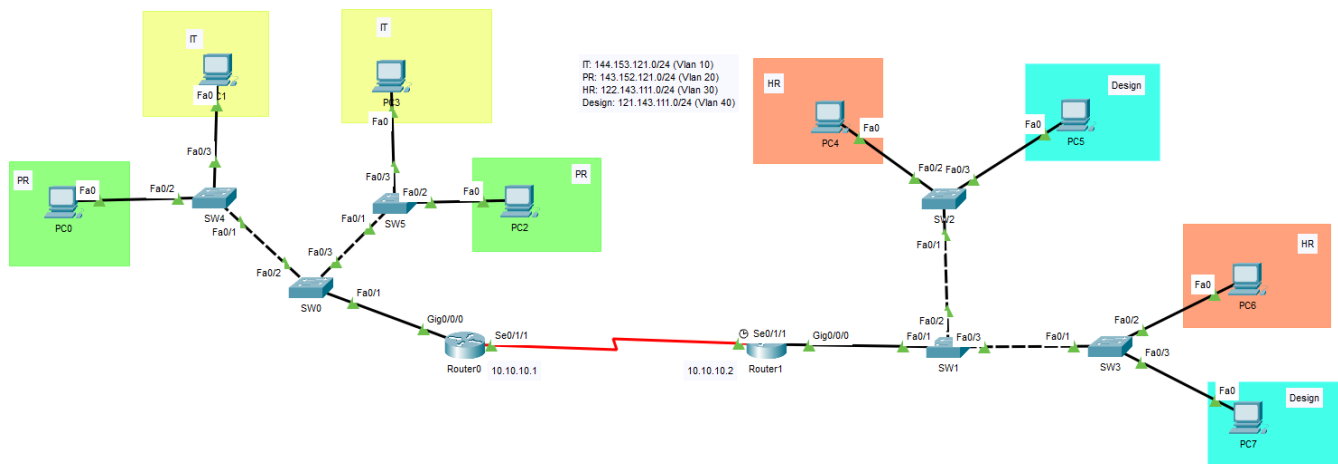
Started on	Wednesday, 29 March 2023, 3:31 PM
State	Finished
Completed on	Wednesday, 29 March 2023, 3:31 PM
Time taken	23 secs
Grade	0.00 out of 50.00 (0%)

Question 1

Not answered

Marked out of 2.00

Care din următoarele configurații pe SW1 trebuie să fie realizată ca să avem conectivitate end-to-end și să rămână după ce SW1 este repornit?



- ☐ a. enable
config terminal
interface range fa0/1-3
switchport mode trunk
exit
write
exit
exit
- ☐ b. enable
config terminal
interface range fa0/1-3
switchport mode trunk
switchport trunk allowed vlan 10,20,40,50,60
vlan 30
vlan 40
exit
write
exit
exit
- ☐ c. enable
config terminal
interface range fa0/1-3
switchport mode trunk
vlan 30
vlan 40
exit
exit
write
exit
- ☐ d. enable

```
config terminal
interface fa0/1
switchport mode trunk
interface fa0/2
switchport mode trunk
vlan 30
vlan 40
exit
write
exit
exit
```

☐ e.

```
config terminal
interface range fa0/1-3
switchport mode trunk
vlan 30
vlan 40
exit
write
exit
exit
```

The correct answer is:

```
enable
config terminal
interface range fa0/1-3
switchport mode trunk
vlan 30
vlan 40
exit
exit
write
exit
```

Question 2

Not answered

Marked out of 2.00

Care este next-hop-ul care apare în următoarea tabelă de rutare ?

```
101.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C    101.122.124.0/30 is directly connected, Serial0/1/1
L    101.122.124.1/32 is directly connected, Serial0/1/1
S    192.111.102.0/24 [1/0] via 101.122.124.2
192.111.134.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.111.134.0/24 is directly connected, GigabitEthernet0/0/0
L    192.111.134.1/32 is directly connected, GigabitEthernet0/0/0
192.112.124.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.112.124.0/24 is directly connected, GigabitEthernet0/0/1
L    192.112.124.1/32 is directly connected, GigabitEthernet0/0/1
S    192.222.204.0/24 [1/0] via 101.122.124.2
202.122.124.0/30 is subnetted, 1 subnets
S    202.122.124.0/30 [1/0] via 101.122.124.2
203.122.124.0/30 is subnetted, 1 subnets
S    203.122.124.0/30 [1/0] via 101.122.124.2
```

- ☐ a. 101.122.124.3
- ☐ b. 192.111.134.1
- ☐ c. 101.122.124.2
- ☐ d. 192.111.102.0
- ☐ e. 192.111.133.1
- ☐ f. 101.122.124.0

The correct answer is:

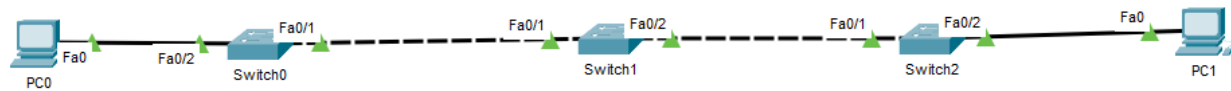
101.122.124.2

Question 3

Not answered

Marked out of 2.00

PC0 și PC1 se află în vlan 66. Ce se poate spune despre comunicarea între PC-uri ?



SW1:

Switch#show int trunk

Port	Mode	Encapsulation	Status	Native vlan
Fa0/1	on	802.1q	trunking	1
Fa0/2	on	802.1q	trunking	1

Port	Vlans allowed on trunk
Fa0/1	1,11,22,33,44,55,77,88,99
Fa0/2	1,11,22,33,44,55,77,88,99

Port	Vlans allowed and active in management domain
Fa0/1	1
Fa0/2	1

Port	Vlans in spanning tree forwarding state and not pruned
Fa0/1	1
Fa0/2	1

VLAN Name	Status	Ports
1 default	active	Fa0/3, Fa0/4, Fa0/5, Fa0/6 Fa0/7, Fa0/8, Fa0/9, Fa0/10 Fa0/11, Fa0/12, Fa0/13, Fa0/14 Fa0/15, Fa0/16, Fa0/17, Fa0/18 Fa0/19, Fa0/20, Fa0/21, Fa0/22 Fa0/23, Fa0/24, Gig0/1, Gig0/2
66 VLAN0066	active	
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

- ☐ a. Nu pot comunica pentru că vlan 66 nu este pe lista de allowed pe interfețele trunk
- ☐ b. Nu pot comunica deoarece porturile nu sunt trunk
- ☐ c. Nu pot comunica deoarece avem vlan native 1
- ☐ d. Pot comunica deoarece Vlan-ul 66 este creat
- ☐ e. Pot comunica pentru că vlan 66 nu este pe lista de allowed pe interfețele trunk
- ☐ f. Nu pot comunica deoarece vlan 66 nu este creat

The correct answer is:

Nu pot comunica pentru că vlan 66 nu este pe lista de allowed pe interfețele trunk

Question 4

Not answered

Marked out of 2.00

De ce nu se poate realiza configurarea Router-on-a-stick după ce am dat următoarele comenzi pe un Router?

```
Router#configure terminal
Router(config)#interface GigabitEthernet0/0/0.10
Router(config-subif)#encapsulation dot1Q 15
Router(config-subif)#ip add 192.145.32.1 255.255.255.0
Router(config)#interface GigabitEthernet0/0/0.20
Router(config-subif)#encapsulation dot1Q 20
Router(config-subif)#ip add 152.135.22.1 255.255.255.0
Router(config-subif)#interface GigabitEthernet0/0/0.30
Router(config-subif)#ip add 192.145.32.10 255.255.255.0
Router(config)#interface GigabitEthernet0/0/0
Router(config-if)#no shutdown
```

- ☐ a. Rețeaua de pe GigabitEthernet0/0/0.20 se suprapune cu altă rețea.
- ☐ b. Nu există probleme.
- ☐ c. Dot1Q nu e configurat pe GigabitEthernet0/0/0.30.
- ☐ d. Pe fiecare subinterfață trebuie să dăm "no shutdown".
- ☐ e. Rețeaua de pe GigabitEthernet0/0/0.10 se suprapune cu altă rețea.
- ☐ f. Dot1Q e configurat greșit pe GigabitEthernet0/0/0.10.

The correct answer is:

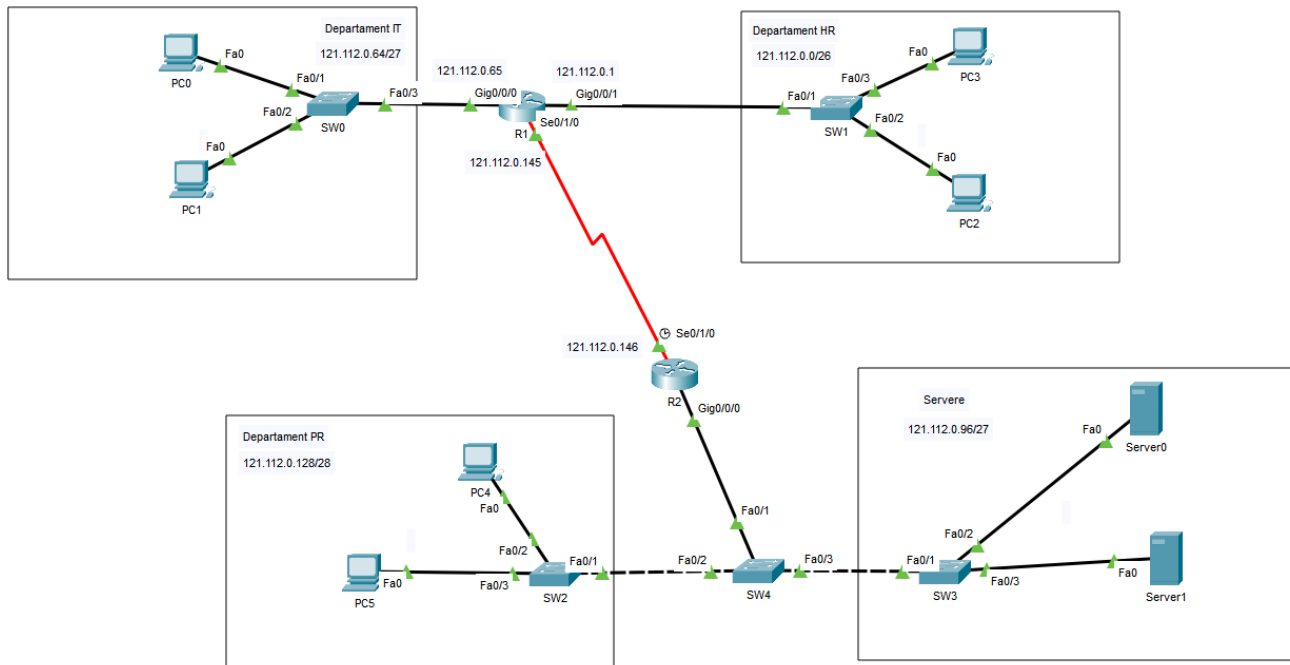
Dot1Q nu e configurat pe GigabitEthernet0/0/0.30.

Question 5

Not answered

Marked out of 2.00

În topologia dată pentru Departamentul PR avem vlan 10 și pentru Servere avem vlan 20 . Pentru a realiza pe router-ul R2 Router-on-a-Stick trebuie să folosim următoarele comenzi:



- ☐ a. enable
config terminal
interface gig0/0/0.10
encapsulation dot1Q 10
ip address 121.112.0.129 255.255.255.192
interface gig0/0/0.20
encapsulation dot1Q 20
ip address 121.112.0.97 255.255.255.224
int gig0/0/0
no shutdown
- ☐ b. enable
config terminal
interface gig0/0/0.10
encapsulation dot1Q 10
ip address 121.112.0.129 255.255.255.240
interface gig0/0/0.20
encapsulation dot1Q 20
ip address 121.112.0.96 255.255.255.224
interface gig0/0/0
no shutdown
- ☐ c. enable
config terminal
interface gig0/0/0.10
encapsulation dot1Q 10

```
ip address 121.112.0.128 255.255.255.240
interface gig0/0/0.20
encapsulation dot1Q 20
ip address 121.112.0.97 255.255.255.224
interface gig0/0/0
no shutdown
```

☐ d.

```
enable
config terminal
interface gig0/0/0.30
encapsulation dot1Q 10
ip address 121.112.0.129 255.255.255.240
interface gig0/0/0.20
encapsulation dot1Q 20
ip address 121.112.0.97 255.255.255.224
interface gig0/0/0
no shutdown
```

☐ e.

```
enable
config terminal
interface gig0/0/0.30
encapsulation dot1Q 10
ip address 121.112.0.129 255.255.255.224
interface gig0/0/0.20
encapsulation dot1Q 20
ip address 121.112.0.97 255.255.255.192
interface gig0/0/0
no shutdown
```

☐ f.

```
enable
config terminal
interface gig0/0/0.10
encapsulation dot1Q 10
ip address 121.112.0.129 255.255.255.240
no shutdown
interface gig0/0/0.20
encapsulation dot1Q 20
ip address 121.112.0.96 255.255.255.224
no shutdown
```

The correct answer is:

```
enable
config terminal
interface gig0/0/0.30
encapsulation dot1Q 10
ip address 121.112.0.129 255.255.255.240
interface gig0/0/0.20
encapsulation dot1Q 20
ip address 121.112.0.97 255.255.255.224
interface gig0/0/0
no shutdown
```


Question 6

Not answered

Marked out of 2.00

Care din următoarele comenzi nu este corectă ?

- ☐ a. encapsulation dot1Q 4093
- ☐ b. switchport trunk allowed vlan 10, 20, 30
- ☐ c. encapsulation dot1Q 4094
- ☐ d. switch mode trunk
- ☐ e. encapsulation dot1Q 0
- ☐ f. switch mode access

The correct answer is:

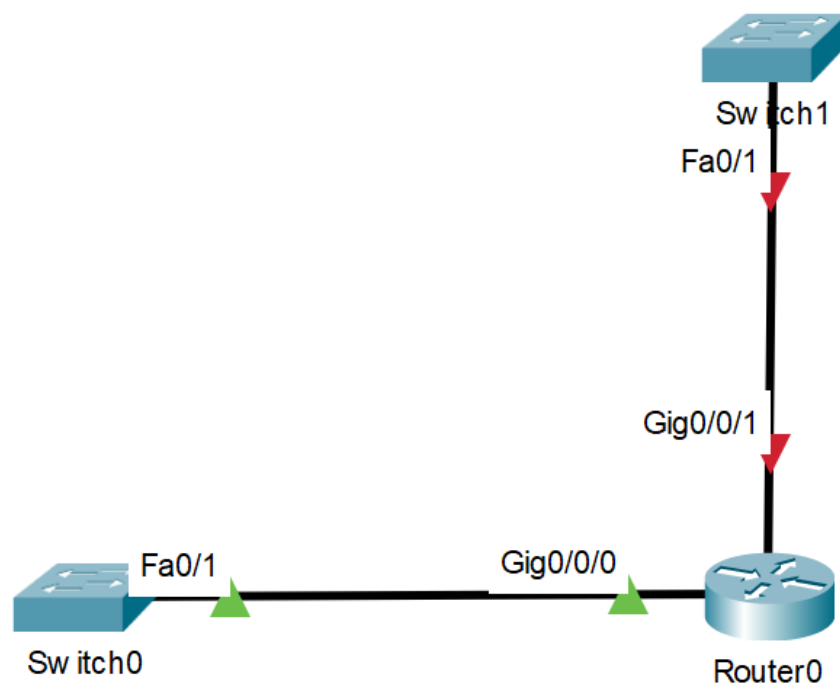
encapsulation dot1Q 0

Question 7

Not answered

Marked out of 2.00

Ținând cont că pe Gig0/0/0 am asignat următoarea adresă ip 121.135.212.100/19. Care din următoarele adrese IPv4 poate să fie asignată pe Gig0/0/1 ?



- ☐ a. 121.135.202.2
- ☐ b. 121.135.200.222
- ☐ c. 121.135.202.111
- ☐ d. 121.135.223.253
- ☐ e. 121.135.192.1
- ☐ f. 121.135.191.0

The correct answer is:
121.135.191.0

Question 8

Not answered

Marked out of 2.00

Care rută nu a fost configurată static către o zonă specifică ?

Gateway of last resort is 101.122.124.2 to network 0.0.0.0

```
101.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C    101.122.124.0/30 is directly connected, Serial0/1/1
L    101.122.124.1/32 is directly connected, Serial0/1/1
S    192.111.102.0/24 [1/0] via 101.122.124.2
    192.111.134.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.111.134.0/24 is directly connected, GigabitEthernet0/0/0
L    192.111.134.1/32 is directly connected, GigabitEthernet0/0/0
    192.112.124.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.112.124.0/24 is directly connected, GigabitEthernet0/0/1
L    192.112.124.1/32 is directly connected, GigabitEthernet0/0/1
S    192.222.204.0/24 [1/0] via 101.122.124.2
    202.122.124.0/30 is subnetted, 1 subnets
S    202.122.124.0/30 [1/0] via 101.122.124.2
    203.122.124.0/30 is subnetted, 1 subnets
S    203.122.124.0/30 [1/0] via 101.122.124.2
S*   0.0.0.0/0 [1/0] via 101.122.124.2
```

- ☐ a. 0.0.0.0/0 [1/0] via 101.122.124.2
- ☐ b. 101.122.124.1/32 is directly connected, Serial0/1/1
- ☐ c. 192.111.102.0/24 [1/0] via 101.122.124.2
- ☐ d. 192.222.204.0/24 [1/0] via 101.122.124.2
- ☐ e. 203.122.124.0/30 [1/0] via 101.122.124.2
- ☐ f. 192.111.134.0/24 is directly connected, GigabitEthernet0/0/0

The correct answer is:

0.0.0.0/0 [1/0] via 101.122.124.2

Question 9

Not answered

Marked out of 2.00

În cazul topologiei date mai jos avem nevoie de:

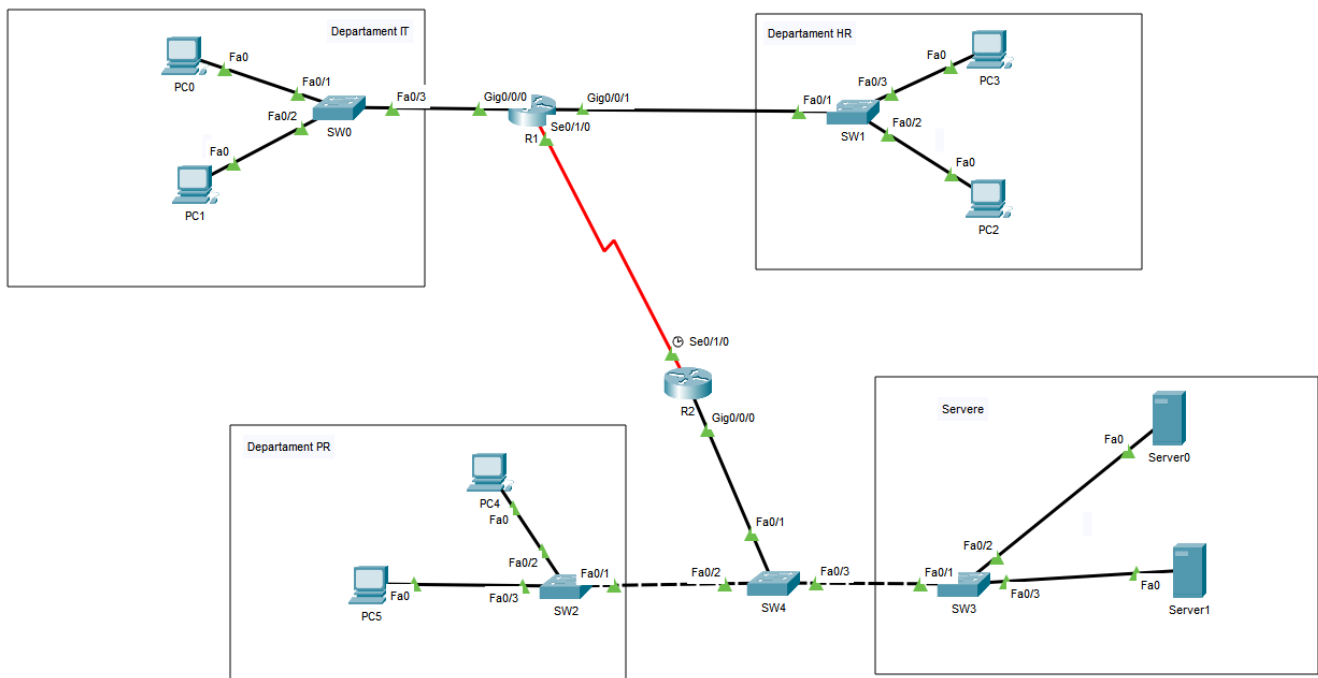
40 Hosturi pentru departamentul HR

30 Hosturi pentru departamentul IT

25 Hosturi pentru Servere

10 Hosturi pentru departamentul PR

Pornind de la spațiul de adrese 111.114.200.3/16, care este adresa de rețea pentru Departamentul PR ? (Default-Gateway este inclus în hosturi)



- ☐ a. 111.114.0.64/27
- ☐ b. 111.114.0.0/26
- ☐ c. 111.114.0.256/28
- ☐ d. 111.114.0.128/28
- ☐ e. 111.114.0.96/29
- ☐ f. 111.114.0.96/28

The correct answer is:

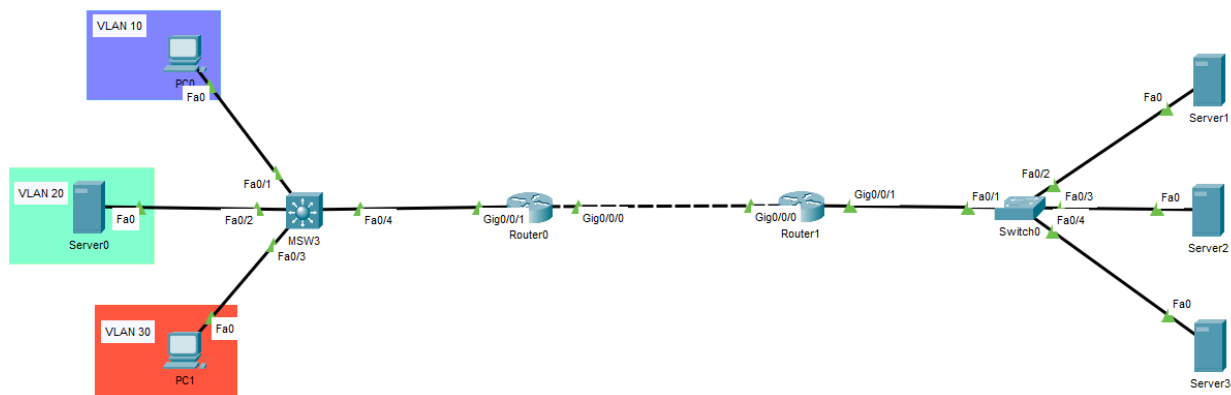
111.114.0.128/28

Question 10

Not answered

Marked out of 2.00

Câte rute statice trebuie să folosim ca să avem conectivitate end-to-end ? (Nu putem folosi rute default sau rute sumarizate)



- ☐ a. 8
- ☐ b. 5
- ☐ c. 6
- ☐ d. 9
- ☐ e. 10
- ☐ f. 7

The correct answer is:

10

Question 11

Not answered

Marked out of 2.00

Care este rezultatul în urma rulării următoarelor 2 comenzi pe un router? (Alegeți 2 variante)

copy running-config tftp

copy tftp running-config

- ☐ a. A doua comandă redă configurația salvată pe router.
- ☐ b. Prima comandă e incorectă.
- ☐ c. A doua comandă redă configurația de pe TFTP server.
- ☐ d. Prima comandă salvează configurația pe un TFTP server.
- ☐ e. A doua comandă e incorectă.
- ☐ f. Prima comandă salvează configurația curentă pe acel router.

The correct answers are: Prima comandă salvează configurația pe un TFTP server.,
A doua comandă redă configurația de pe TFTP server.

Question 12

Not answered

Marked out of 2.00

Care din următoarele comenzi reprezintă ruta host ?(Alegeți 2 variante)

- ☐ a. ip route 144.145.121.1 255.255.255.255 202.50.32.55
- ☐ b. ip route 111.121.192.1 255.255.255.0 191.222.111.21
- ☐ c. ip route 133.145.111.1 255.255.255.255 101.10.22.45
- ☐ d. ip route 0.0.0.0 0.0.0.0 131.154.123.43
- ☐ e. ip route 0.0.0.0 0.0.0.0 192.111.142.22
- ☐ f. ip route 111.141.192.3 255.255.255.0 191.222.131.51

The correct answers are:

ip route 133.145.111.1 255.255.255.255 101.10.22.45,

ip route 144.145.121.1 255.255.255.255 202.50.32.55

Question 13

Not answered

Marked out of 2.00

Ce cale va urma pachetul care are ca ip destinație 192.172.0.5?

- ☐ a. 192.132.0.0/16
- ☐ b. 192.152.0.0/16
- ☐ c. 192.172.0.0/20
- ☐ d. 192.172.0.0/22
- ☐ e. 192.162.1.0/22
- ☐ f. 192.172.0.0/26

The correct answer is:

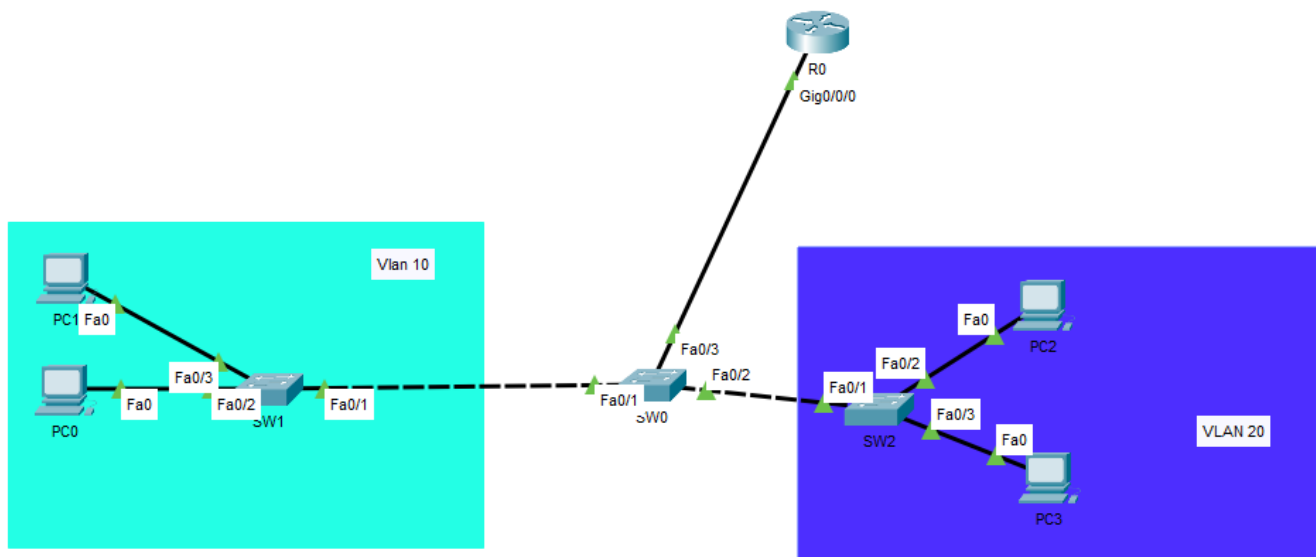
192.172.0.0/26

Question 14

Not answered

Marked out of 2.00

Care va fi problema în următoarea topologie cu următoarea configurație?



```
Router#show running-config
Building configuration...

Current configuration : 1000 bytes
!
version 16.6.4
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
!
!
!
ip dhcp pool VLAN10
 network 192.100.0.0 255.255.255.0
 default-router 192.100.0.1
ip dhcp pool VLAN20
 network 192.200.0.0 255.255.255.0
 default-router 192.200.0.1
,
```

```
SW0#show interfaces trunk
```

Port	Mode	Encapsulation	Status	Native vlan
Fa0/1	on	802.1q	trunking	1
Fa0/2	on	802.1q	trunking	1
Fa0/3	on	802.1q	trunking	1

```
Port Vlans allowed on trunk
```

Port	Vlans allowed on trunk
Fa0/1	1-1005
Fa0/2	1-1005
Fa0/3	1-1005

```
Port Vlans allowed and active in management domain
```

Port	Vlans allowed and active in management domain
Fa0/1	1,10,20
Fa0/2	1,10,20
Fa0/3	1,10,20

```
Port Vlans in spanning tree forwarding state and not pruned
```

Port	Vlans in spanning tree forwarding state and not pruned
Fa0/1	1,10,20
Fa0/2	1,10,20
Fa0/3	1,10,20

```
SW0#show vlan brief
```

VLAN	Name	Status	Ports
1	default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Fa0/24, Gig0/1, Gig0/2
10	VLAN0010	active	
20	VLAN0020	active	
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

```
SW1#show vlan br
```

VLAN	Name	Status	Ports
1	default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Fa0/24, Gig0/1, Gig0/2
10	VLAN0010	active	Fa0/2, Fa0/3
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

```
SW1#show vlan
```

VLAN	Name	Status	Ports
1	default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Fa0/24, Gig0/1, Gig0/2
10	VLAN0010	active	Fa0/2, Fa0/3
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Trans1	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
10	enet	100010	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0
1004	fdnet	101004	1500	-	-	-	ieee	-	0	0


```
SW2#show vlan brief
```

VLAN Name	Status	Ports
1 default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Fa0/24, Gig0/1, Gig0/2
20 VLAN0020	active	Fa0/2, Fa0/3
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

```
SW2#show vlan
```

VLAN Name	Status	Ports
1 default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Fa0/24, Gig0/1, Gig0/2
20 VLAN0020	active	Fa0/2, Fa0/3
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Trans1	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
20	enet	100020	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0
1004	fdnet	101004	1500	-	-	-	ieee	-	0	0

- ☐ a. Vlanurile au fost configurate greșit
- ☐ b. SW0 nu are porturile trunk
- ☐ c. Router-on-a-Stick este configurat pe portul greșit
- ☐ d. SW1 nu are creat vlan 20
- ☐ e. Nu sunt excluse din pool-urile de adrese IP-urile pentru Default Gateway
- ☐ f. Porturile către calculatoare nu sunt în mode access

The correct answer is:

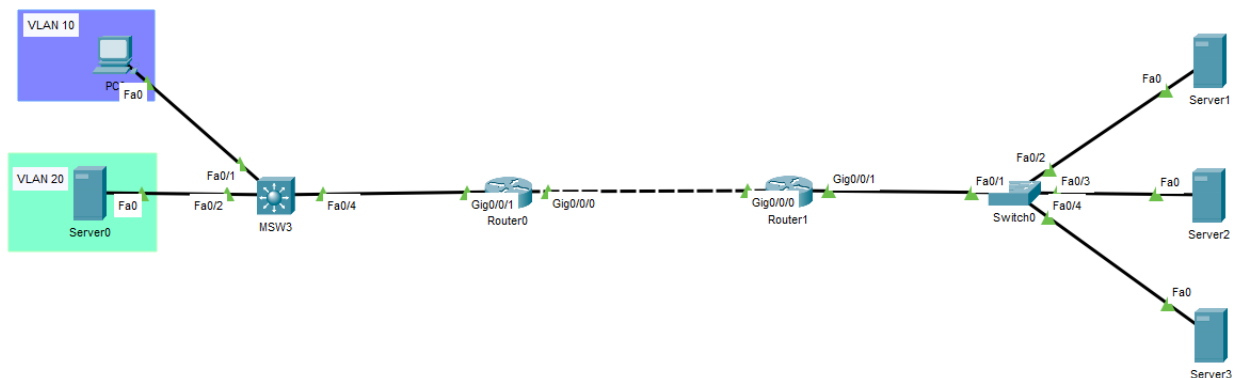
Nu sunt excluse din pool-urile de adrese IP-urile pentru Default Gateway

Question 15

Not answered

Marked out of 2.00

Care configurație trebuie realizată pe MSW3 ? (Nu au fost realizate configurații pe MSW3 înainte)



- ☐ a.
- ```
enable
config terminal
vlan 10
interface vlan 10
ip add 100.100.100.1 255.255.255.0
no sh
vlan 20
interface vlan 20
ip add 200.200.200.1 255.255.255.0
no sh
int fa0/1
sw mode acc
sw acc vlan 10
int fa0/2
sw mode acc
sw acc vlan 20
exit
interface fa0/4
no switchport
ip add 20.20.20.1 255.255.255.0
no sh
```
- ☐ b.
- ```
enable
config terminal
vlan 10
interface vlan 10
ip add 100.100.100.1 255.255.255.0
no sh
vlan 20
interface vlan 20
ip add 200.200.200.1 255.255.255.0
no sh
exit
```

```
ip routing
interface fa0/4
no switchport
ip add 20.20.20.1 255.255.255.0
no sh
```

☐ c.

```
enable
config terminal
vlan 10
interface vlan 10
ip add 100.100.100.1 255.255.255.0
no sh
vlan 20
interface vlan 20
ip add 200.200.200.1 255.255.255.0
no sh
int fa0/1
sw mode acc
sw acc vlan 10
int fa0/2
sw mode acc
sw acc vlan 20
exit
ip routing
interface fa0/4
no switchport
ip add 20.20.20.1 255.255.255.0
no sh
```

☐ d.

```
enable
config terminal
vlan 10
vlan 20
interface fa0/1
ip add 100.100.100.1 255.255.255.0
no sh
interface fa0/2
ip add 200.200.200.1 255.255.255.0
no sh
int fa0/1
sw mode acc
sw acc vlan 10
int fa0/2
sw mode acc
sw acc vlan 20
exit
ip routing
interface fa0/4
no switchport
ip add 20.20.20.1 255.255.255.0
```

- ☐ e.
- no sh
 - enable
 - config terminal
 - interface vlan 10
 - ip add 100.100.100.1 255.255.255.0
 - no sh
 - interface vlan 20
 - ip add 200.200.200.1 255.255.255.0
 - no sh
 - int fa0/1
 - sw mode acc
 - sw acc vlan 10
 - int fa0/2
 - sw mode acc
 - sw acc vlan 20
 - exit
 - interface fa0/4
 - no switchport
 - ip add 20.20.20.1 255.255.255.0
 - no sh
- ☐ f.
- enable
 - config terminal
 - vlan 10
 - interface vlan 10
 - ip add 100.100.100.1 255.255.255.0
 - no sh
 - vlan 20
 - interface vlan 20
 - ip add 200.200.200.1 255.255.255.0
 - no sh
 - int fa0/1
 - sw mode acc
 - sw acc vlan 10
 - int fa0/2
 - sw mode acc
 - sw acc vlan 20
 - exit
 - ip routing
 - interface fa0/4
 - no switchport
 - ip add 20.20.20.1 255.255.255.0
 - no sh

The correct answers are:

enable
config terminal
vlan 10
interface vlan 10

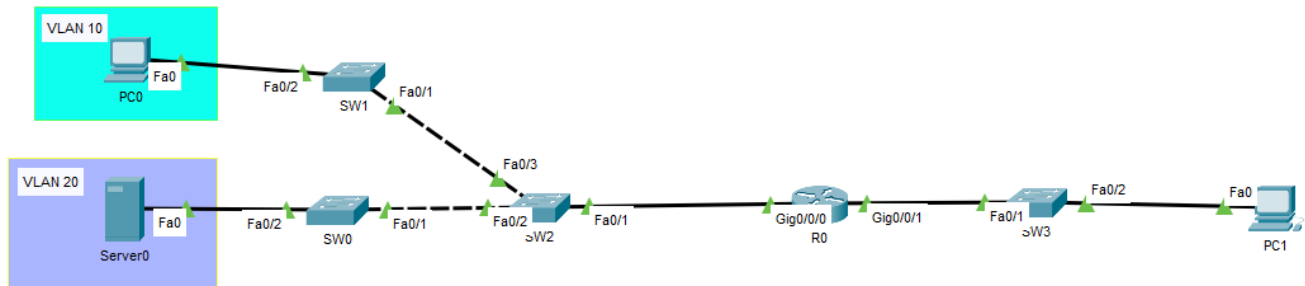
```
ip add 100.100.100.1 255.255.255.0
no sh
vlan 20
interface vlan 20
ip add 200.200.200.1 255.255.255.0
no sh
int fa0/1
sw mode acc
sw acc vlan 10
int fa0/2
sw mode acc
sw acc vlan 20
exit
ip routing
interface fa0/4
no switchport
ip add 20.20.20.1 255.255.255.0
no sh,
enable
config terminal
vlan 10
interface vlan 10
ip add 100.100.100.1 255.255.255.0
no sh
vlan 20
interface vlan 20
ip add 200.200.200.1 255.255.255.0
no sh
int fa0/1
sw mode acc
sw acc vlan 10
int fa0/2
sw mode acc
sw acc vlan 20
exit
ip routing
interface fa0/4
no switchport
ip add 20.20.20.1 255.255.255.0
no sh
```

Question 16

Not answered

Marked out of 2.00

În topologia de mai jos se pot trimite pachete între PC0 și PC1. Care este motivul pentru care nu putem trimite pachete de la Server0 la PC1 ?



```
interface GigabitEthernet0/0/0
no ip address
duplex auto
speed auto
!
interface GigabitEthernet0/0/0.5
encapsulation dot1Q 5
ip address 153.132.141.1 255.255.255.0
!
interface GigabitEthernet0/0/0.10
encapsulation dot1Q 10
ip address 144.134.221.1 255.255.255.0
!
interface GigabitEthernet0/0/1
ip address 192.142.222.1 255.255.255.0
duplex auto
speed auto
!
interface GigabitEthernet0/0/2
no ip address
duplex auto
speed auto
shutdown
!
interface Vlan1
no ip address
shutdown
!
R0#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

```
144.134.0.0/16 is variably subnetted, 2 subnets, 2 masks
C    144.134.221.0/24 is directly connected, GigabitEthernet0/0/0.10
L    144.134.221.1/32 is directly connected, GigabitEthernet0/0/0.10
153.132.0.0/16 is variably subnetted, 2 subnets, 2 masks
C    153.132.141.0/24 is directly connected, GigabitEthernet0/0/0.5
L    153.132.141.1/32 is directly connected, GigabitEthernet0/0/0.5
192.142.0.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.142.222.0/24 is directly connected, GigabitEthernet0/0/1
L    192.142.222.1/32 is directly connected, GigabitEthernet0/0/1
```

SW0#show vlan brief

VLAN	Name	Status	Ports
1	default	active	Fa0/3, Fa0/4, Fa0/5, Fa0/6 Fa0/7, Fa0/8, Fa0/9, Fa0/10 Fa0/11, Fa0/12, Fa0/13, Fa0/14 Fa0/15, Fa0/16, Fa0/17, Fa0/18 Fa0/19, Fa0/20, Fa0/21, Fa0/22 Fa0/23, Fa0/24, Gig0/1, Gig0/2
20	VLAN0020	active	Fa0/2
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

```
SW0#show running-config
Building configuration...

Current configuration : 1151 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname SW0
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport mode trunk
!
interface FastEthernet0/2
 switchport access vlan 20
 switchport mode access
!
```

SW1#show vlan brief

VLAN Name	Status	Ports
1 default	active	Fa0/3, Fa0/4, Fa0/5, Fa0/6 Fa0/7, Fa0/8, Fa0/9, Fa0/10 Fa0/11, Fa0/12, Fa0/13, Fa0/14 Fa0/15, Fa0/16, Fa0/17, Fa0/18 Fa0/19, Fa0/20, Fa0/21, Fa0/22 Fa0/23, Fa0/24, Gig0/1, Gig0/2
10 VLAN0010	active	Fa0/2
20 VLAN0020	active	
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

```
SW1#show running-config
Building configuration...

Current configuration : 1151 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname SW1
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport mode trunk
!
interface FastEthernet0/2
 switchport access vlan 10
 switchport mode access
!
```

SW2#show vlan brief

VLAN Name	Status	Ports
1 default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Fa0/24, Gig0/1, Gig0/2
10 VLAN0010	active	
20 VLAN0020	active	
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

```
SW2#show running-config
Building configuration...

Current configuration : 1146 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname SW2
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport mode trunk
!
interface FastEthernet0/2
 switchport mode trunk
!
interface FastEthernet0/3
 switchport mode trunk
!
```

- ☐ a. SW2 are portul FastEthernet0/2 pe mode trunk.
- ☐ b. R0 nu are configurat dot1q pe subinterfața GigabitEthernet0/0/0.20.
- ☐ c. SW0 nu are creat vlan 20.
- ☐ d. SW0 are modurile pe porturi configurate greșit.
- ☐ e. Nu au fost create rutele statice.
- ☐ f. SW2 nu are create toate vlan-urile.

The correct answer is:

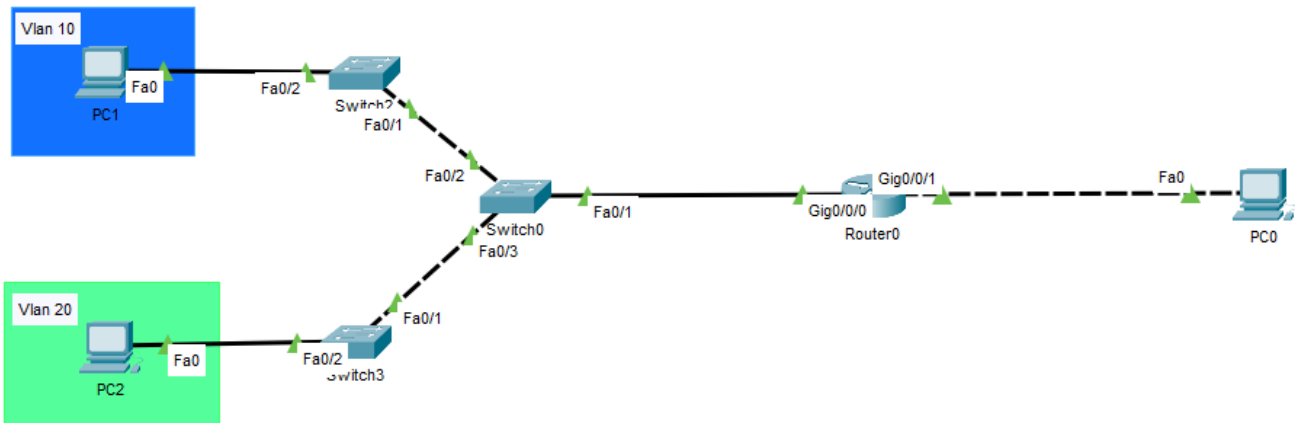
R0 nu are configurat dot1q pe subinterfața GigabitEthernet0/0/0.20.

Question 17

Not answered

Marked out of 2.00

În următoarea topologie nu se pot trimite pachete între PC2 și PC0, care este cauza?



```
Router0#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
```

```
192.140.111.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.140.111.0/24 is directly connected, GigabitEthernet0/0/1
L    192.140.111.1/32 is directly connected, GigabitEthernet0/0/1
192.167.32.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.167.32.0/24 is directly connected, GigabitEthernet0/0/0.10
L    192.167.32.1/32 is directly connected, GigabitEthernet0/0/0.10
194.132.11.0/24 is variably subnetted, 2 subnets, 2 masks
C    194.132.11.0/24 is directly connected, GigabitEthernet0/0/0.20
L    194.132.11.1/32 is directly connected, GigabitEthernet0/0/0.20
```

```
Device Name: Router0
Device Model: ISR4331
Hostname: Router0
```

Port	Link	VLAN	IP Address	IPv6 Address	MAC Address
GigabitEthernet0/0/0	Up	--	<not set>	<not set>	0003.E454.0D01
GigabitEthernet0/0/0.10	Up	--	192.167.32.1/24	<not set>	0003.E454.0D01
GigabitEthernet0/0/0.20	Up	--	194.132.11.1/24	<not set>	0003.E454.0D01
GigabitEthernet0/0/1	Up	--	192.140.111.1/24	<not set>	0003.E454.0D02
GigabitEthernet0/0/2	Down	--	<not set>	<not set>	0003.E454.0D03
Vlan1	Down	1	<not set>	<not set>	0030.F2D5.CDE1

```
Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Router0
```

```
Switch0#show vlan brief
```

VLAN Name	Status	Ports
1 default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7 Fa0/8, Fa0/9, Fa0/10, Fa0/11 Fa0/12, Fa0/13, Fa0/14, Fa0/15 Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20, Fa0/21, Fa0/22, Fa0/23 Fa0/24, Gig0/1, Gig0/2
10 VLAN0010	active	
20 VLAN0020	active	
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

```
Switch0#show running-config
Building configuration...
```

```
Current configuration : 1190 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch0
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport mode trunk
!
interface FastEthernet0/2
 switchport mode trunk
!
interface FastEthernet0/3
 switchport trunk allowed vlan 10,30,40
 switchport mode trunk
!
Switch3#show vlan brief
```

VLAN	Name	Status	Ports
1	default	active	Fa0/3, Fa0/4, Fa0/5, Fa0/6 Fa0/7, Fa0/8, Fa0/9, Fa0/10 Fa0/11, Fa0/12, Fa0/13, Fa0/14 Fa0/15, Fa0/16, Fa0/17, Fa0/18 Fa0/19, Fa0/20, Fa0/21, Fa0/22 Fa0/23, Fa0/24, Gig0/1, Gig0/2
20	VLAN0020	active	Fa0/2
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

```
Switch3#show running-config
Building configuration...
```

```
Current configuration : 1195 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch3
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport trunk allowed vlan 10,30,40
 switchport mode trunk
!
interface FastEthernet0/2
 switchport access vlan 20
 switchport mode access
!
```

- ☐ a. Switch0 nu cunoaște vlan 20
- ☐ b. Switch3 nu cunoaște celelalte vlan-uri, doar pe vlan 20.
- ☐ c. Între Switch3 și Switch0 nu este permis vlan 20.
- ☐ d. Switch3 nu are portul Fa0/2 în mode access
- ☐ e. Switch0 nu are toate porturile în mode trunk.
- ☐ f. Nu a fost realizat Router-on-a-Stick

The correct answer is:

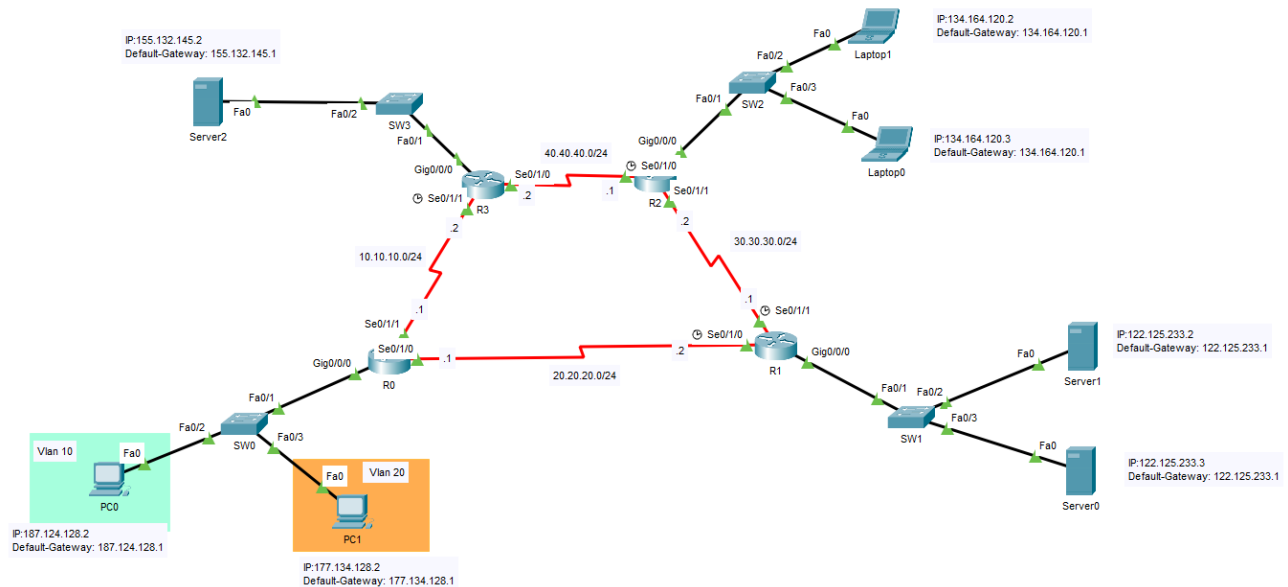
Între Switch3 și Switch0 nu este permis vlan 20.

Question 18

Not answered

Marked out of 2.00

PC0 trimite un packet către Server1, dar nu ajunge la destinație. Care este motivul?



```
R0#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, 2 subnets, 2 masks
C    10.10.10.0/24 is directly connected, Serial0/1/1
L    10.10.10.1/32 is directly connected, Serial0/1/1
20.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C    20.20.20.0/24 is directly connected, Serial0/1/0
L    20.20.20.1/32 is directly connected, Serial0/1/0
30.0.0.0/24 is subnetted, 1 subnets
S    30.30.30.0/24 [1/0] via 20.20.20.2
40.0.0.0/24 is subnetted, 1 subnets
S    40.40.40.0/24 [1/0] via 10.10.10.2
122.0.0.0/24 is subnetted, 1 subnets
S    122.125.233.0/24 [1/0] via 20.20.20.2
134.164.0.0/24 is subnetted, 1 subnets
S    134.164.120.0/24 [1/0] via 20.20.20.2
155.132.0.0/24 is subnetted, 1 subnets
S    155.132.145.0/24 [1/0] via 10.10.10.2
177.134.0.0/16 is variably subnetted, 2 subnets, 2 masks
C    177.134.128.0/18 is directly connected, GigabitEthernet0/0/0.20
L    177.134.128.1/32 is directly connected, GigabitEthernet0/0/0.20
187.124.0.0/16 is variably subnetted, 2 subnets, 2 masks
C    187.124.128.0/20 is directly connected, GigabitEthernet0/0/0.10
L    187.124.128.1/32 is directly connected, GigabitEthernet0/0/0.10
```

```
R0#show ip interface brief
```

Interface	IP-Address	OK?	Method	Status	Protocol
GigabitEthernet0/0/0	unassigned	YES	unset	up	up
GigabitEthernet0/0/0.10	187.124.128.1	YES	manual	up	up
GigabitEthernet0/0/0.20	177.134.128.1	YES	manual	up	up
GigabitEthernet0/0/1	unassigned	YES	unset	administratively down	down
GigabitEthernet0/0/2	unassigned	YES	unset	administratively down	down
Serial0/1/0	20.20.20.1	YES	manual	up	up
Serial0/1/1	10.10.10.1	YES	manual	up	up
Serial0/2/0	unassigned	YES	unset	administratively down	down
Serial0/2/1	unassigned	YES	unset	administratively down	down
Vlan1	unassigned	YES	unset	administratively down	down

```
R1#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

```

10.0.0.0/24 is subnetted, 1 subnets
S    10.10.10.0/24 [1/0] via 20.20.20.1
20.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C    20.20.20.0/24 is directly connected, Serial0/1/0
L    20.20.20.2/32 is directly connected, Serial0/1/0
30.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C    30.30.30.0/24 is directly connected, Serial0/1/1
L    30.30.30.1/32 is directly connected, Serial0/1/1
40.0.0.0/24 is subnetted, 1 subnets
S    40.40.40.0/24 [1/0] via 30.30.30.2
134.164.0.0/24 is subnetted, 1 subnets
S    134.164.120.0/24 [1/0] via 30.30.30.2
155.132.0.0/24 is subnetted, 1 subnets
S    155.132.145.0/24 [1/0] via 20.20.20.1
177.134.0.0/18 is subnetted, 1 subnets
S    177.134.128.0/18 [1/0] via 20.20.20.1
187.124.0.0/20 is subnetted, 1 subnets
S    187.124.128.0/20 [1/0] via 20.20.20.1
```

```
R1#show ip interface brief
Interface      IP-Address      OK? Method Status        Protocol
GigabitEthernet0/0/0    unassigned      YES manual up            up
GigabitEthernet0/0/1    122.125.233.1   YES manual administratively down down
GigabitEthernet0/0/2    unassigned      YES unset  administratively down down
Serial0/1/0           20.20.20.2      YES manual up            up
Serial0/1/1           30.30.30.1      YES manual up            up
Serial0/2/0           unassigned      YES unset  administratively down down
Serial0/2/1           unassigned      YES unset  administratively down down
Vlan1              unassigned      YES unset  administratively down down
```

```
SW0#show running-config
```

Building configuration...

```

Current configuration : 1202 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname SW0
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport mode trunk
!
interface FastEthernet0/2
 switchport access vlan 10
 switchport mode access
!
interface FastEthernet0/3
 switchport access vlan 20
 switchport mode access
!
```

- ☐ a. R1 are rutele statice configurate greșit.
- ☐ b. Portul FastEthernet0/3 e pe mode trunk
- ☐ c. Portul FastEthernet0/1 e pe mode trunk
- ☐ d. R1 nu are setat Default-Gateway corect.
- ☐ e. Portul FastEthernet0/2 e pe mode trunk
- ☐ f. R0 are rutele statice configurate greșit.

The correct answer is:

R1 nu are setat Default-Gateway corect.

Router2:

ip route 170.168.120.0 255.255.255.0 20.20.20.1

ip route 170.165.140.0 255.255.255.0 20.20.20.1

☐ d.

Router0:

ip route 20.20.20.0 255.255.255.252 10.10.10.2

ip route 192.110.131.0 255.255.255.0 10.10.10.2

ip route 192.121.131.0 255.255.255.0 10.10.10.2

Router1:

ip route 192.110.131.0 255.255.255.0 20.20.20.2

ip route 192.121.131.0 255.255.255.0 20.20.20.2

ip route 170.168.120.0 255.255.255.0 10.10.10.1

ip route 170.165.140.0 255.255.255.0 10.10.10.1

Router2:

ip route 170.168.120.0 255.255.255.0 20.20.20.1

ip route 170.165.140.0 255.255.255.0 20.20.20.1

☐ e.

Router0:

ip route 20.20.20.0 255.255.255.252 10.10.10.2

ip route 192.96.0.0 255.224.0.0 10.10.10.2

Router1:

ip route 192.96.0.0 255.224.0.0 20.20.20.2

ip route 170.160.0.0 255.240.0.0 10.10.10.1

Router2:

ip route 170.160.0.0 255.240.0.0 20.20.20.1

ip route 10.10.10.0 255.255.255.252 20.20.20.1

☐ f.

Router0:

ip route 0.0.0.0 0.0.0.0 10.10.10.2

Router1:

ip route 192.95.0.0 255.224.0.0 20.20.20.2

ip route 170.161.0.0 255.240.0.0 10.10.10.1

Router2:

ip route 0.0.0.0 0.0.0.0 20.20.20.1

The correct answers are:

Router0:

ip route 20.20.20.0 255.255.255.252 10.10.10.2

ip route 192.96.0.0 255.224.0.0 10.10.10.2

Router1:

ip route 192.96.0.0 255.224.0.0 20.20.20.2

ip route 170.160.0.0 255.240.0.0 10.10.10.1

Router2:

ip route 170.160.0.0 255.240.0.0 20.20.20.1

ip route 10.10.10.0 255.255.255.252 20.20.20.1 ,

Router0:

ip route 0.0.0.0 0.0.0.0 10.10.10.2

Router1:

ip route 192.96.0.0 255.224.0.0 20.20.20.2

ip route 170.160.0.0 255.240.0.0 10.10.10.1

Router2:

```
ip route 0.0.0.0 0.0.0.0 20.20.20.1,
```

Router0:

```
ip route 20.20.20.0 255.255.255.252 10.10.10.2
```

```
ip route 192.111.131.0 255.255.255.0 10.10.10.2
```

```
ip route 192.121.130.0 255.255.255.0 10.10.10.2
```

Router1:

```
ip route 192.111.131.0 255.255.255.0 20.20.20.2
```

```
ip route 192.121.130.0 255.255.255.0 20.20.20.2
```

```
ip route 170.168.120.0 255.255.255.0 10.10.10.1
```

```
ip route 170.165.140.0 255.255.255.0 10.10.10.1
```

Router2:

```
ip route 170.168.120.0 255.255.255.0 20.20.20.1
```

```
ip route 170.165.140.0 255.255.255.0 20.20.20.1
```

Question 20

Not answered

Marked out of 2.00

Care din următoarele moduri de încălcare a securității pentru SW1 forwardează traficul?

- ☐ a. shutdown și restrict
- ☐ b. shutdown și protect
- ☐ c. Nicio variantă nu e corectă
- ☐ d. shutdown
- ☐ e. restrict
- ☐ f. protect

The correct answer is:

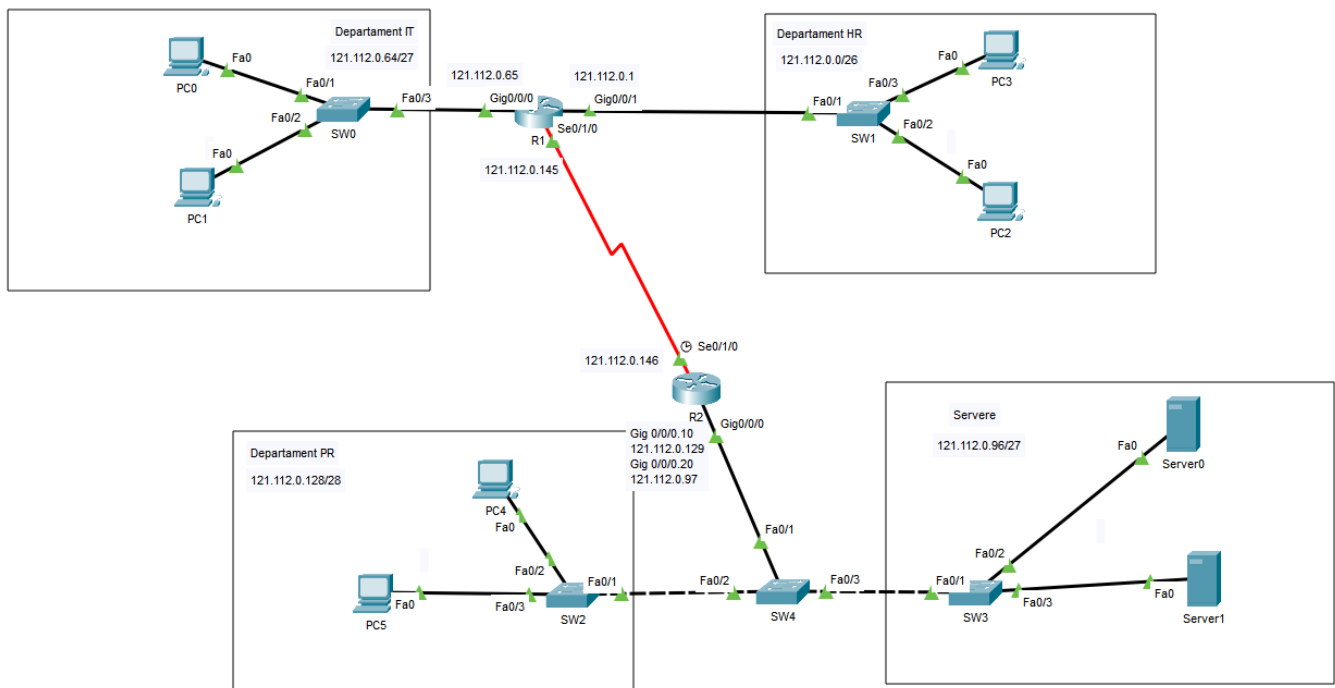
Nicio variantă nu e corectă

Question 21

Not answered

Marked out of 2.00

În topologia dată ca să realizăm conectivitatea între Departament IT și Departament PR trebuie să realizăm 2 rute statice. Care sunt aceste rute ? (Alegeți 2 răspunsuri)



- ☐ a. R1: ip route 121.112.0.128 255.255.255.240 121.112.0.146
- ☐ b. R1: ip route 121.112.0.129 255.255.255.240 121.112.0.146
- ☐ c. R2: ip route 121.112.0.128 255.255.255.240 121.112.0.146
- ☐ d. R1: ip route 121.112.0.138 255.255.255.240 121.112.0.146
- ☐ e. R2: ip route 121.112.0.64 255.255.255.224 121.112.0.145
- ☐ f. R2: ip route 121.112.0.64 255.255.255.252 121.112.0.145

The correct answers are:

R2: ip route 121.112.0.64 255.255.255.224 121.112.0.145,

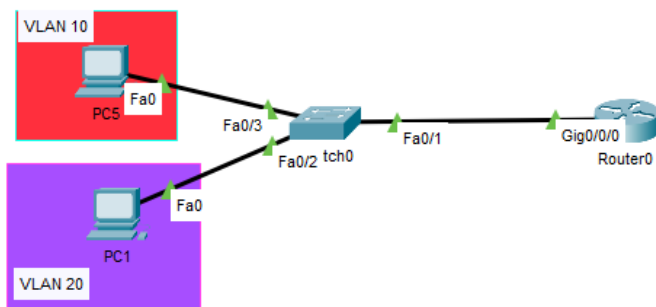
R1: ip route 121.112.0.128 255.255.255.240 121.112.0.146

Question 22

Not answered

Marked out of 2.00

Fie următoarea configurație de Router-on-a-Stick. De ce nu pot comunica cele 2 calculatoare? (Alegeți 2 răspunsuri)



```
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#show ru
Switch#show running-config
Building configuration...

Current configuration : 1182 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
switchport access vlan 20
switchport mode access
!
interface FastEthernet0/3
switchport access vlan 10
switchport mode access
!
--More--
Router(config)#int gig0/0/0.10
Router(config-subif)#encapsulation dot1Q 10
Router(config-subif)#ip add 101.121.0.129 255.255.255.192
Router(config-subif)#int gig0/0/0.20
Router(config-subif)#encapsulation dot1Q 15
Router(config-subif)#ip add 101.121.0.193 255.255.255.192
Router(config-subif)#int gig0/0/0
Router(config-if)#no sh
```

- ☐ a. Interfețele de fa0/2 și fa0/3 nu sunt configurate pe mode access
- ☐ b. Interfața FastEthernet0/1 nu este pe mode trunk
- ☐ c. GigabitEthernet0/0/0 nu e pe mode trunk
- ☐ d. Trebuie dat no shutdown pe fiecare subinterfață
- ☐ e. Vlan-urile nu sunt create pe switch
- ☐ f. Comanda de encapsulation dot1Q conține vlan-ul greșit

The correct answers are:

Comanda de encapsulation dot1Q conține vlan-ul greșit,

Interfața FastEthernet0/1 nu este pe mode trunk

Question 23

Not answered

Marked out of 2.00

Pentru următoarele ip-uri calculați ruta sumarizată:

192.121.134.1/24

192.121.122.1/24

192.121.125.2/24

192.121.127.5/24

- ☐ a. 192.121.128.0/18
- ☐ b. 192.121.122.0/24
- ☐ c. 192.121.122.1/24
- ☐ d. 192.121.0.0/16
- ☐ e. 192.121.0.0/17
- ☐ f. 192.121.0.0/22

The correct answer is:

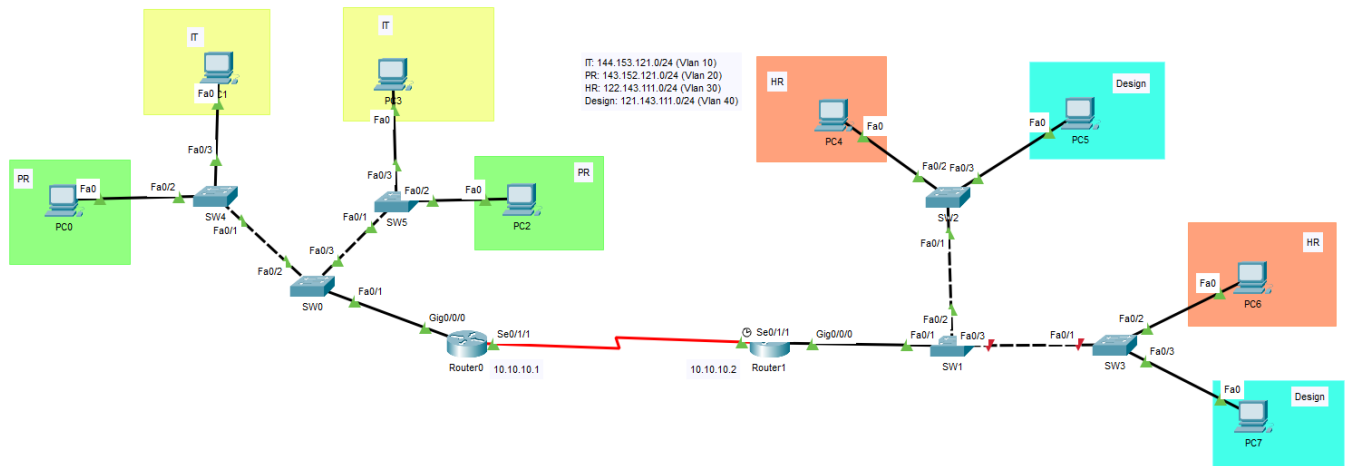
192.121.0.0/16

Question 24

Not answered

Marked out of 2.00

Care este motivul pentru care legătura dintre SW1-SW3 este shutdown?



```
SW1#show running-config
Building configuration...

Current configuration : 1192 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname SW1
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
switchport mode trunk
!
interface FastEthernet0/2
switchport mode trunk
speed 100
!
interface FastEthernet0/3
switchport mode trunk
speed 100
spanning-tree cost 100
!

SW3#show running-config
Building configuration...

Current configuration : 1236 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname SW3
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
switchport mode trunk
speed 10
spanning-tree cost 100
!
interface FastEthernet0/2
switchport access vlan 30
switchport mode access
!
interface FastEthernet0/3
switchport access vlan 40
switchport mode access
!
```

- ☐ a. Portul FastEthernet0/3 nu are aceeași viteză cu FastEthernet0/1
- ☐ b. Portul FastEthernet0/1 e pe mode trunk și portul FastEthernet0/3 e pe mode access
- ☐ c. Portul FastEthernet0/3 e pe mode trunk și portul FastEthernet0/1 e pe mode access
- ☐ d. Portul FastEthernet0/3 are costul mai mare decât FastEthernet0/1
- ☐ e. Portul FastEthernet0/3 are vlan native diferit față de FastEthernet0/1
- ☐ f. Portul FastEthernet0/1 are costul mai mare decât FastEthernet0/3

The correct answer is:

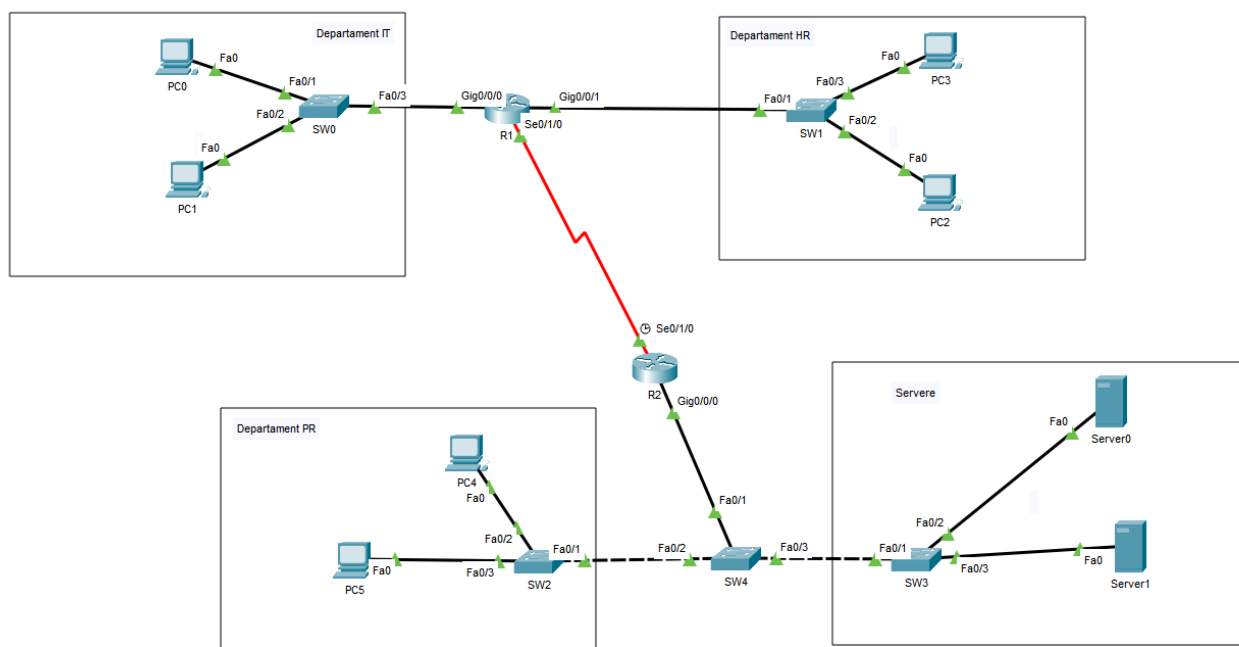
Portul FastEthernet0/3 nu are aceeași viteză cu FastEthernet0/1

Question 25

Not answered

Marked out of 2.00

În topologia dată avem câte un vlan pentru fiecare departament (inclusiv Servere). Câte spații de adrese avem nevoie ca să realizăm conectivitatea end-to-end ținând cont ca PR si Servere fac parte din același vlan ?



- ☐ a. 2
- ☐ b. 5
- ☐ c. 4
- ☐ d. 1
- ☐ e. 3
- ☐ f. 6

The correct answer is:

4

