Commencé le	Monday 15 January 2024, 10:47
État	Terminé
Terminé le	Monday 15 January 2024, 11:04
Temps mis	17 min 14 s
Note	**11,00** sur 20,00 (**55**%)

Question **1**

Correct

Note de 1,00 sur 1,00

Considering OSI Model, what is the right sequence?

a. Application, Presentation, Transport, Session, Network, Physical, Data link

b. Application, Presentation, Session, Transport, Network, Physical, Data link

c. Application, Presentation, Session, Network, Transport, Data link, Physical

d. Application, Presentation, Session, Transport, Network, Data link, Physical ✔

Votre réponse est correcte.

La réponse correcte est :

Application, Presentation, Session, Transport, Network, Data link, Physical

Question **2**

Incorrect

Note de 0,00 sur 1,00

Devices that operate at the layer 3 of the OSI model are called?

a. Switches

b. Hub

c. Routers

d. Vlans ✖

Votre réponse est incorrecte.

La réponse correcte est :
Routers

Question **3**

Incorrect

Note de 0,00 sur 1,00

What is the decimal notation of a /26 subnet mask ?

a. 255.255.255.248

b. 255.255.255.224 ✖

c. 255.255.255.192

d. 255.255.192.0

Votre réponse est incorrecte.

La réponse correcte est :

255.255.255.192

Question **4**

Correct

Note de 1,00 sur 1,00

Which of the address below is in the MAC address format ?

a. 04:56:E5:26:42:23 ✔

b. 2a01:e0a:262:d6c0:7a7d:12f:ac6f:1a5d

c. 15.17.92.20

d. 192.168.43.12

Votre réponse est correcte.

La réponse correcte est :

04:56:E5:26:42:23

Question **5**

Correct

Note de 1,00 sur 1,00

Can you give the TTL value of a packet that crosses 4 routers and 3 switches to reach its destination, if the initial TTL value is 64 ?

a. 57

b. 64

c. 59

d. 60 ✔

Votre réponse est correcte.

La réponse correcte est :
60

Question **6**

Correct

Note de 1,00 sur 1,00

Which of the following is correct regarding Class C Address of IP address?

a. 24 Network bits, 8 host bits ✔

b. 14 Network bits, 18 host bits

c. 18 Network bits, 14 host bits

d. 16 Network bits, 16 host bits

Votre réponse est correcte.

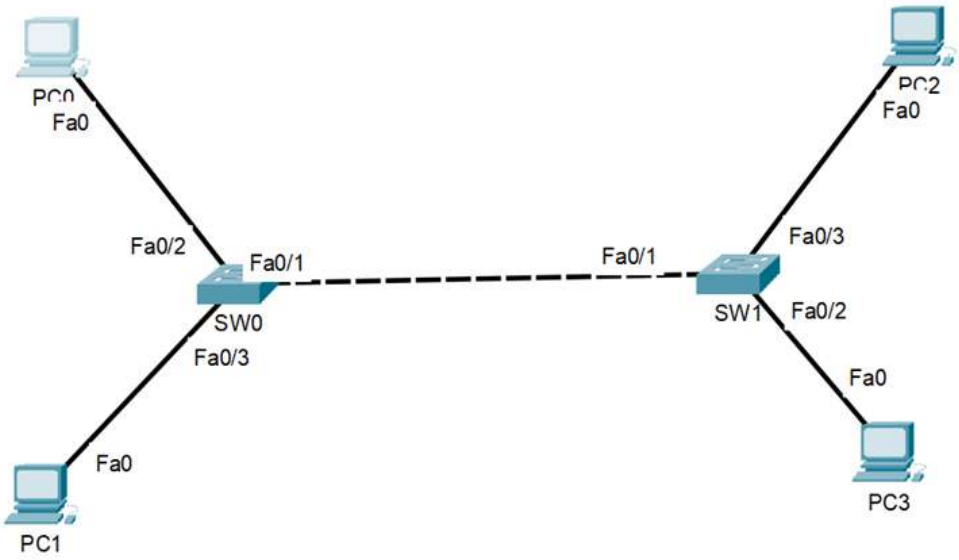
La réponse correcte est :

24 Network bits, 8 host bits

Question **7**

Correct

Note de 1,00 sur 1,00



The above network has the address 172.24.224.0/19. We are in an initial state, there has not yet been any network communication, all the ARP tables are empty.

How many IP addresses are available and usable to configure the machines?

- a. 8192
- b. 256
- c. 254
- d. 8190✔

Votre réponse est correcte.

La réponse correcte est :
8190

Question **8**

Correct

Note de 1,00 sur 1,00

Which of the addresses offered to the machines is not consistent with the network address.

a. PC1 : 172.24.223.12 ✔

b. PC0 : 172.24.225.7

c. PC2 : 172.24.235.24

d. PC3 : 172.24.255.17

Votre réponse est correcte.

La réponse correcte est :

PC1 : 172.24.223.12

Question **9**

Incorrect

Note de 0,00 sur 2,00

PC0 start a ping to PC2 by its IP address, what is the protocol of the first sent message by PC0?

a. DHCP

b. PING ✖

c. ARP

d. DNS

Votre réponse est incorrecte.

La réponse correcte est :
ARP

Question **10**

Incorrect

Note de 0,00 sur 2,00

Let us assume that the previous exchange protocol were carried out correctly. What is the protocol of the next sent message by PC0 ?

a. PING

b. ARP ✖

c. DNS

d. DHCP

Votre réponse est incorrecte.

La réponse correcte est :
PING

Question **11**

Incorrect

Note de 0,00 sur 1,00

PC3 now, tries to ping PC1 by its IP address, is it supposed to succeed?

a. No, because it doesn't have the right IP address

b. Yes, because they are physically connected

c. Yes, because he knows his IP address ✖

d. No, because arp request will fail

Votre réponse est incorrecte.

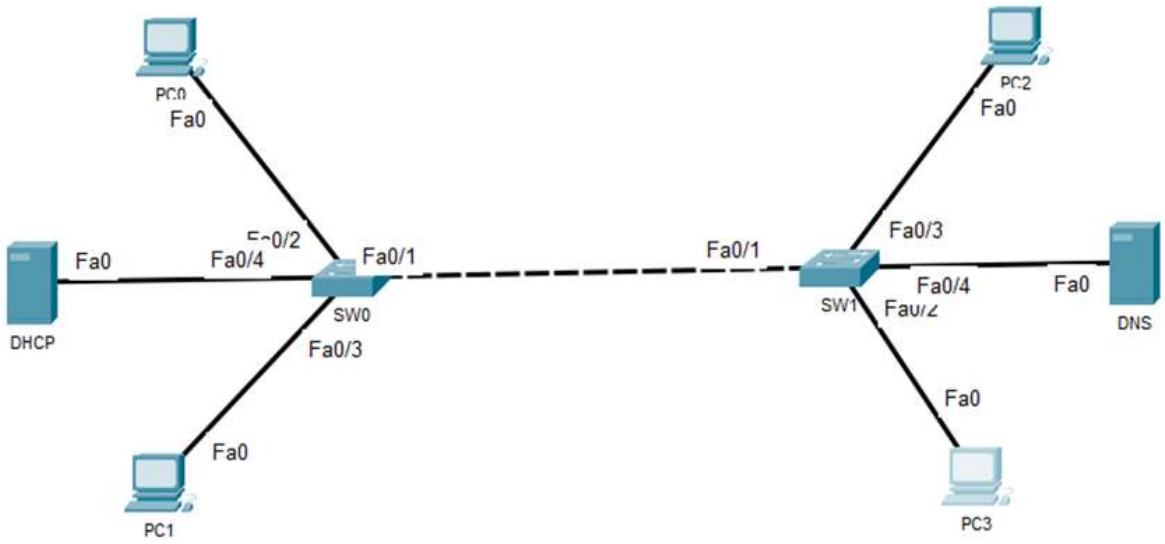
La réponse correcte est :

No, because arp request will fail

Question **12**

Correct

Note de 1,00 sur 1,00



Use the following address block (192.168.9.0 255.255.255.0) to configure the network above. The network status is initial, no configuration has yet been carried out.

How many IP addresses are available?

- a. 256 ✔
- b. 64
- c. 62
- d. 128

Votre réponse est correcte.

La réponse correcte est :
256

Question **13**

Correct

Note de 1,00 sur 1,00

What addresses are available, but which cannot be used to address your devices?

a. 192.168.9.0 / 192.168.9.191

b. 192.168.9.64 / 192.168.9.255

c. 192.168.9.64 / 192.168.9.192

d. 192.168.9.0 / 192.168.9.255 ✔

Votre réponse est correcte.

La réponse correcte est :

192.168.9.0 / 192.168.9.255

Question **14**

Incorrect

Note de 0,00 sur 1,00

Which machines must have a Manual IP configuration ?

a. DNS server and DHCP server

b. DNS server ✖

c. DHCP Server

d. PCs

Votre réponse est incorrecte.

La réponse correcte est :

DNS server and DHCP server

Question **15**

Correct

Note de 1,00 sur 1,00

We assume now that the DHCP and DNS servers have been well configured, all machines have a valid IP address and know how to reach the DNS server.

Can PC1 ping PC3 by name? (Ping PC3) ?

a. Yes, thanks to the DNS server ✔

b. None of the above

c. No

d. Yes, thanks to the DHCP server

Votre réponse est correcte.

La réponse correcte est :

Yes, thanks to the DNS server

Question **16**

Incorrect

Note de 0,00 sur 1,00

What would be the sequence of protocols triggered if PC2 tried to ping PC1 by name (Ping PC1). (ARP tables are all empty) ?

a. DNS/ARP/PING/ARP

b. DNS/PING

c. DNS/ARP/PING ✖

d. ARP/DNS/ARP/PING

Votre réponse est incorrecte.

La réponse correcte est :

ARP/DNS/ARP/PING

Question **17**

Correct

Note de 2,00 sur 2,00

What could happen if the connection between the DHCP server and the sw0 is lost?

a. Communications would be interrupted because all PCs would lose their IP addresses

b. Absolutely nothing

c. Nothing serious, new devices in the network won't be able to get an IP address

d. Nothing immediately, but a communications breakdown could occur in the long run ✔

Votre réponse est correcte.

La réponse correcte est :

Nothing immediately, but a communications breakdown could occur in the long run

◄ Annonces

Aller à…