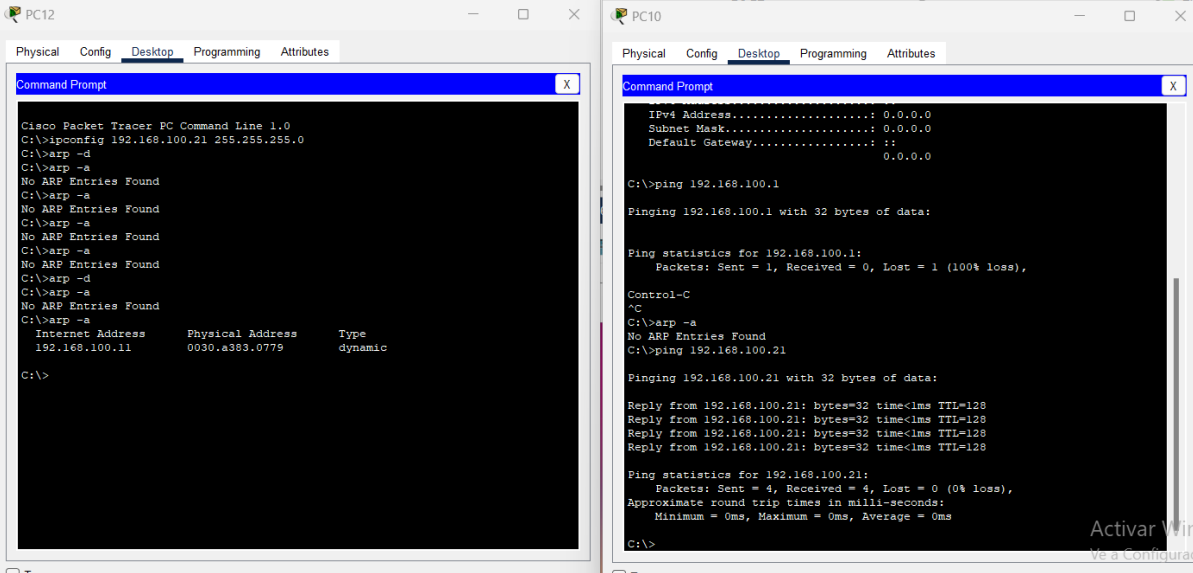


Activitat

1.

Els hubs envien els paquets a tots els ordinadors sense pregar ni res i el switch envia el paquet al destinatari que el té que rebre amb la taula ARP

2.



The image shows two side-by-side windows of the Cisco Packet Tracer PC Command Line interface. The left window is for PC12 and the right window is for PC10. Both windows show the 'Desktop' tab selected.

PC12 Command Prompt:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ipconfig 192.168.100.21 255.255.255.0
C:\>arp -d
C:\>arp -a
No ARP Entries Found
C:\>arp -a
No ARP Entries Found
C:\>arp -a
No ARP Entries Found
C:\>arp -d
C:\>arp -a
No ARP Entries Found
C:\>arp -a
Internet Address      Physical Address      Type
192.168.100.11        0030.a363.0779       dynamic
C:\>
```

PC10 Command Prompt:

```
IPv4 Address.....: 0.0.0.0
Subnet Mask.....: 0.0.0.0
Default Gateway.....: ::
0.0.0.0

C:\>ping 192.168.100.1

Pinging 192.168.100.1 with 32 bytes of data:

Ping statistics for 192.168.100.1:
    Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),

Control-C
^C
C:\>arp -a
No ARP Entries Found
C:\>ping 192.168.100.21

Pinging 192.168.100.21 with 32 bytes of data:

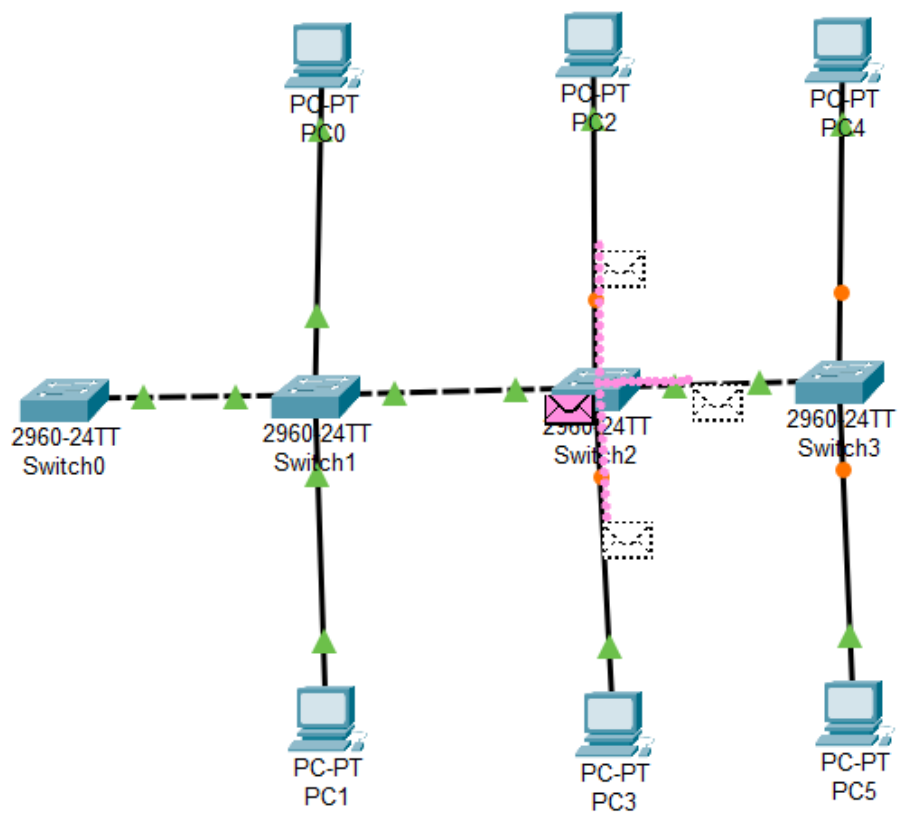
Reply from 192.168.100.21: bytes=32 time<1ms TTL=128
Reply from 192.168.100.21: bytes=32 time<1ms TTL=128
Reply from 192.168.100.21: bytes=32 time<1ms TTL=128
Reply from 192.168.100.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.100.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
```

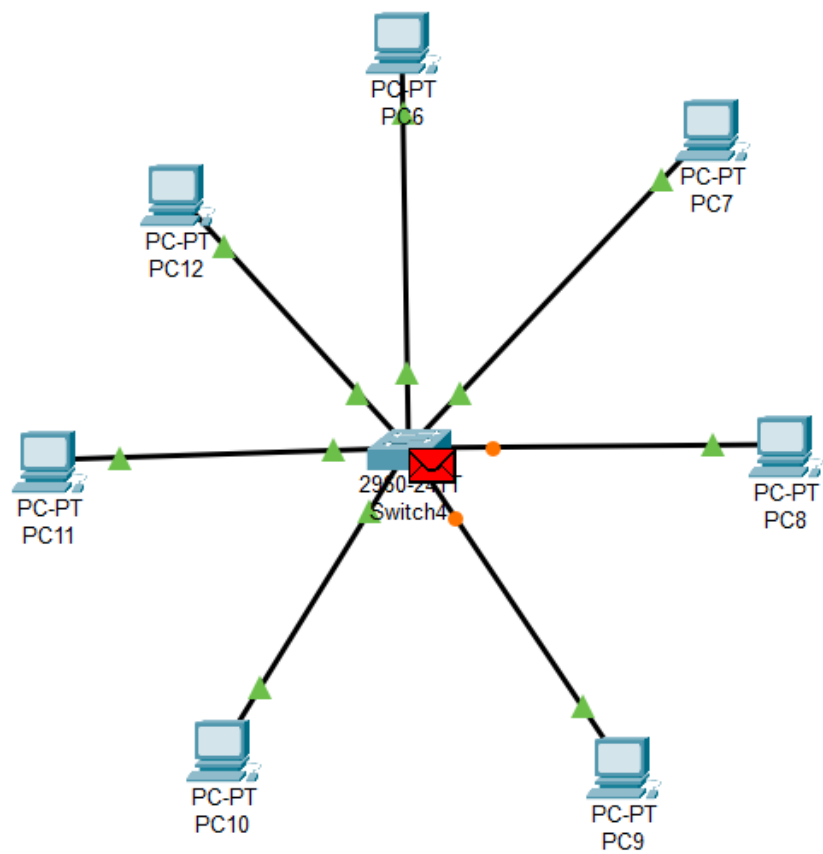
A la primera no reconeix l'ordinador ja que no te la seva IP guardada amb el metode ARP però la segona vegada ja sap on enviar els paquets

3

Topologia bus:



Topologia d'estrella:



Topologia d'arbre:

