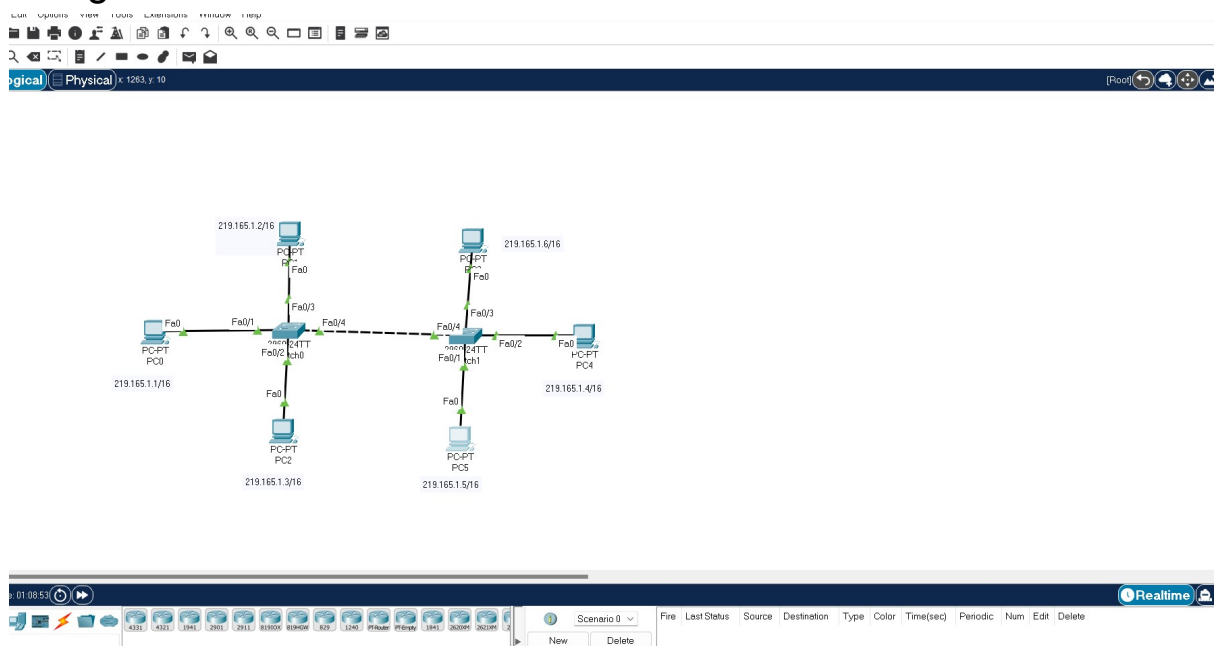


COMPITO DELLA LEZIONE N*3

Il compito di oggi consisteva in una creazione e configurazione di una rete di calcolatori con il tool Cisco Packet Tracer, usando due switch e sei host (tre host per switch).

Cercando di far sì che tutti gli host facciano parte della stessa rete e facendoli comunicare tutti tra loro.

Così ho posizionato i due switch e i 6 host(pc) intorno, posizionandone tre per switch, poi li ho collegati usando il collegatore automatico.



Una volta fatto ciò ho inserito l'indirizzo ip NETWORK per tutti gli host in modo tale che potessero comunicare tra loro e per verificare ciò ho controllato usando il ping.

The image displays two screenshots of the Cisco Packet Tracer software interface, showing network configurations and the results of ping tests.

Top Screenshot:

- The network diagram shows a central router (R1) with interfaces Fa0/0, Fa0/1, Fa0/2, Fa0/3, and Fa0/4. It is connected to three PCs: PC1 (219.165.1.2/16) via Fa0/0, PC0 (219.165.1.1/16) via Fa0/1, and PC2 (219.165.1.3/16) via Fa0/2.
- The Command Prompt window for PC1 shows the following output:

```
Packet Tracer PC Command Line 1.0
C:\>ping 219.165.1.6

Pinging 219.165.1.6 with 32 bytes of data:

Reply from 219.165.1.6: bytes=32 time=1ms TTL=128
Reply from 219.165.1.6: bytes=32 time=1ms TTL=128
Reply from 219.165.1.6: bytes=32 time=1ms TTL=128
Reply from 219.165.1.6: bytes=32 time=1ms TTL=128

Ping statistics for 219.165.1.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

Bottom Screenshot:

- The network diagram is identical to the top one, but the IP address of PC2 is now 219.165.1.3/16.
- The Command Prompt window for PC1 shows the following output:

```
Packet Tracer PC Command Line 1.0
C:\>ping 219.165.1.3

Pinging 219.165.1.3 with 32 bytes of data:

Reply from 219.165.1.3: bytes=32 time=1ms TTL=128
Reply from 219.165.1.3: bytes=32 time=1ms TTL=128
Reply from 219.165.1.3: bytes=32 time=1ms TTL=128
Reply from 219.165.1.3: bytes=32 time=1ms TTL=128

Ping statistics for 219.165.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```