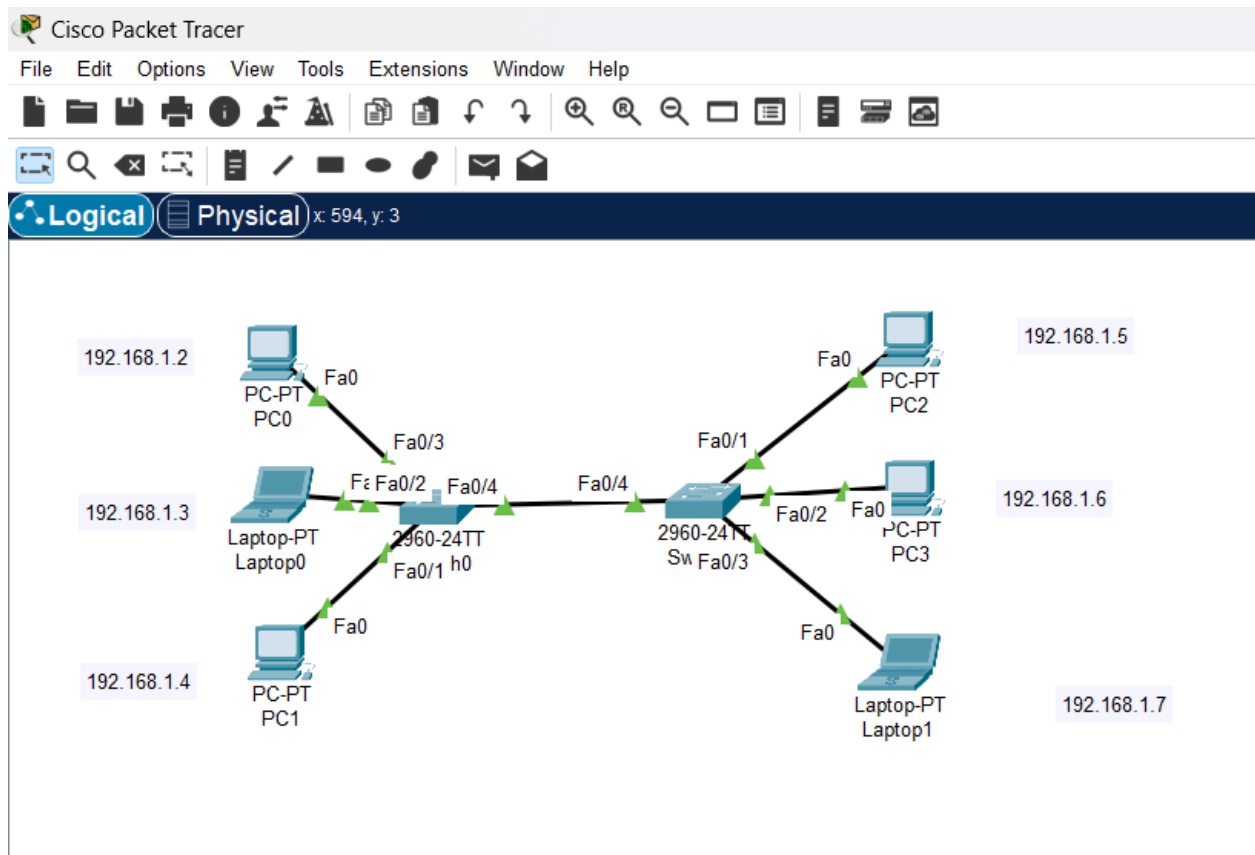


## CONSEGNA:

Creare e configurare una rete con due switch e sei host, con tre host per ogni switch. Tutti i sei host devono far parte della stessa rete e devono essere in grado di comunicare tra loro



Per svolgere l'esercizio, sono stati creati 6 host ed assegnati loro sei indirizzi Ip appartenenti alla stessa rete 192.168.1.0, e due switch, messi in comunicazione tra loro tramite le rispettive porte Fa0/4

successivamente sono stati suddivisi i rispettivi host in due gruppi da 3, collegati ciascuno ad uno switch.

The screenshot shows a Cisco Packet Tracer PC Command Prompt window for PC1. The window has tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, showing a black command prompt window with white text. The text shows the execution of ping commands to 192.168.1.3 and 192.168.1.4, with detailed statistics for each.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time=4ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\>ping 192.168.1.4

Pinging 192.168.1.4 with 32 bytes of data:

Reply from 192.168.1.4: bytes=32 time=9ms TTL=128
Reply from 192.168.1.4: bytes=32 time=3ms TTL=128
Reply from 192.168.1.4: bytes=32 time=3ms TTL=128
Reply from 192.168.1.4: bytes=32 time=4ms TTL=128

Ping statistics for 192.168.1.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 9ms, Average = 4ms

C:\>ping 192.168.1.4

Pinging 192.168.1.4 with 32 bytes of data:

Reply from 192.168.1.4: bytes=32 time=3ms TTL=128
Reply from 192.168.1.4: bytes=32 time=4ms TTL=128
Reply from 192.168.1.4: bytes=32 time=3ms TTL=128
Reply from 192.168.1.4: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.1.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 4ms, Average = 3ms

C:\>
```

per verificare l'efficacia della comunicazione tra i dispositivi host, abbiamo inviato un una richiesta di Ping tramite il primo Host (192.168.1.1) verso gli altri host (192.168.1.2,192.168.1.3....) ed abbiamo correttamente ottenuto una risposta positiva con una latenza media di 3ms.

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