•S1.L3

REPORT ESERCIZIO CISCO PACKET TRACER

Preso in esame la creazione di una rete interna composta da 6 host e 2 switch, e assegnato l'indirizzo IP 192.168.0.0/24 di classe C.

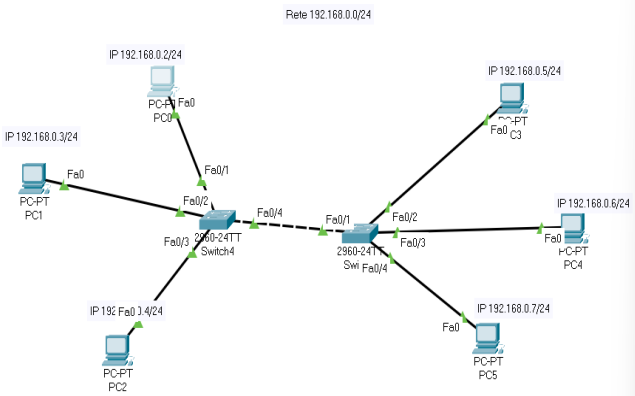
Di seguito andiamo ad installare in primo Switch, dove vengono collegati i primi 3 computer (pc0, pc1, pc2) e diamo loro l'indirizzo IPV4 (Pc0-192.168.0.2/24 Pc1-192.168.0.3/24 Pc3 192.168.0.4).

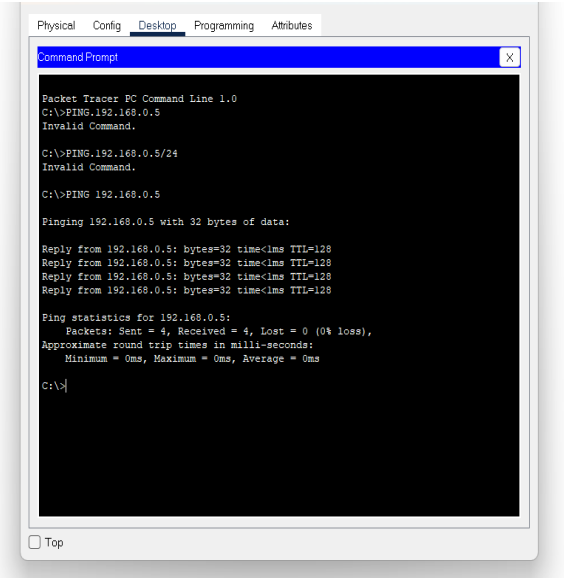
La subnet Mask viene data di default, mentre l'indirizzo IP Gateway sarà 192.168.0.1/24 (utilizziamo in maniera convenzionale il primo Indirizzo IP disponibile dopo l' IP Network)

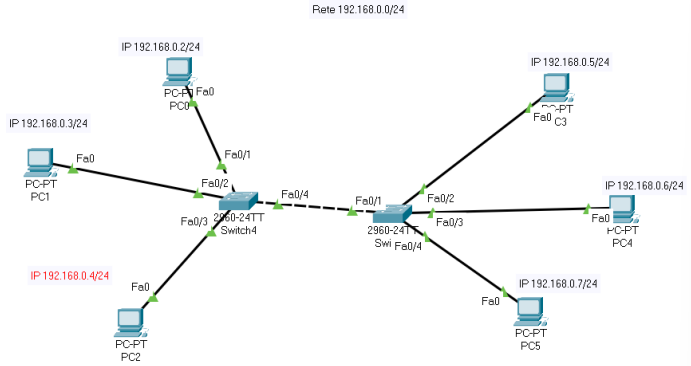
Successivamente installiamo un secondo switch e seguendo lo stesso procedimenti installiamo i 3 computer rimanenti (pc3-pc4-pc5).

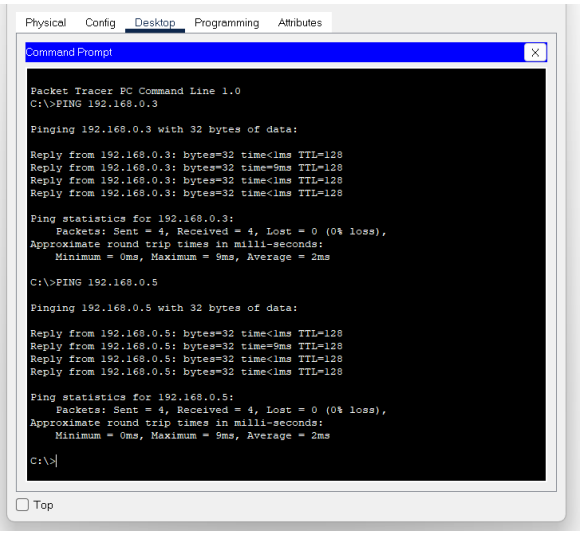
Quetsi 2 switch verrano collegati tra di loro tramite cavo, e successivamente assegniamo ai computer l'indirizzo IPV4 (pc3- 192.168.0.5/24 pc4- 192.168.0.6/24 pc4 192.168.0.7/24)

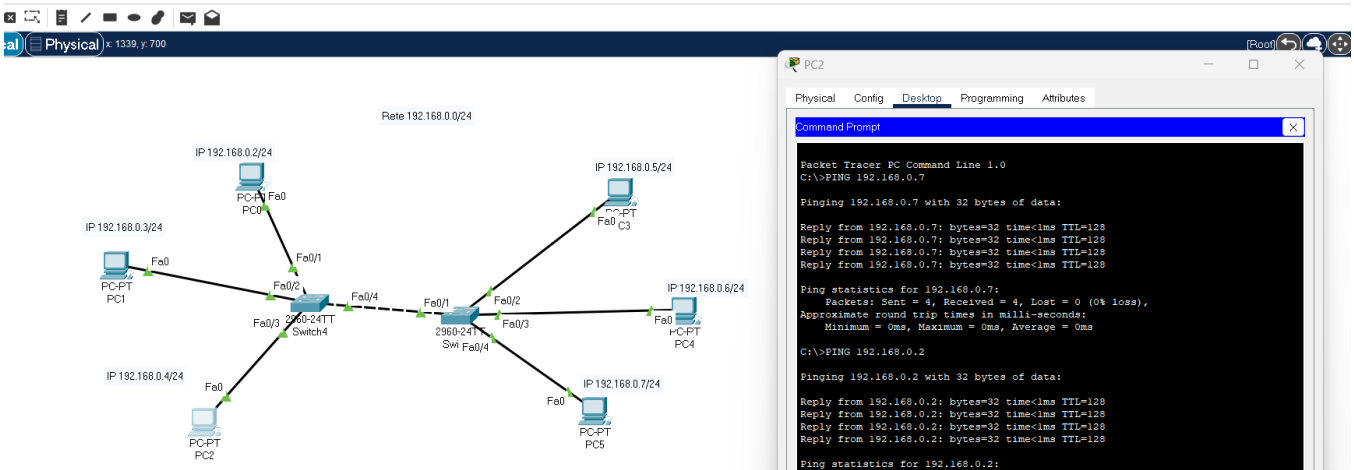
Alla fine dei collegamenti verranno effettuati dei Ping tra i vari PC in modo da verificare se il collegamento è corretto.






Rete 192.168.0.0/24
IP 192.168.0.2/24
PC-PT PC0
Fa0
Fa0/1
IP 192.168.0.3/24
Fa0
PC-PT PC1
Fa0/2
Fa0/3
2960-24TT Switch4
Fa0/4
Fa0/1
2960-24TT Swi
Fa0/2
Fa0/3
Fa0/4
IP 192.168.0.5/24
PC-PT C3
Fa0
IP 192.168.0.6/24
Fa0
PC-PT PC4
IP 192.168.0.4/24
Fa0
PC-PT PC2
IP 192.168.0.7/24
Fa0
PC-PT PC5


Physical
Config
Desktop
Programming
Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>PING 192.168.0.3
Pinging 192.168.0.3 with 32 bytes of data:
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time=9ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.0.3:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 9ms, Average = 2ms
C:\>PING 192.168.0.5
Pinging 192.168.0.5 with 32 bytes of data:
Reply from 192.168.0.5: bytes=32 time<1ms TTL=128
Reply from 192.168.0.5: bytes=32 time=9ms TTL=128
Reply from 192.168.0.5: bytes=32 time<1ms TTL=128
Reply from 192.168.0.5: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.0.5:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 9ms, Average = 2ms
C:\>
Top


Physical
x: 1339, y: 700
Rete 192.168.0.0/24
IP 192.168.0.2/24
PC-PT PC0
Fa0
Fa0/1
IP 192.168.0.3/24
Fa0
PC-PT PC1
Fa0/2
Fa0/3
2960-24TT Switch4
Fa0/4
Fa0/1
2960-24TT Swi
Fa0/2
Fa0/3
Fa0/4
IP 192.168.0.5/24
PC-PT C3
Fa0
IP 192.168.0.6/24
Fa0
PC-PT PC4
IP 192.168.0.4/24
Fa0
PC-PT PC2
IP 192.168.0.7/24
Fa0
PC-PT PC5

PC2
Physical
Config
Desktop
Programming
Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>PING 192.168.0.7
Pinging 192.168.0.7 with 32 bytes of data:
Reply from 192.168.0.7: bytes=32 time<1ms TTL=128
Reply from 192.168.0.7: bytes=32 time<1ms TTL=128
Reply from 192.168.0.7: bytes=32 time<1ms TTL=128
Reply from 192.168.0.7: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.0.7:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>PING 192.168.0.2
Pinging 192.168.0.2 with 32 bytes of data:
Reply from 192.168.0.2: bytes=32 time<1ms TTL=128
Reply from 192.168.0.2: bytes=32 time<1ms TTL=128
Reply from 192.168.0.2: bytes=32 time<1ms TTL=128
Reply from 192.168.0.2: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.0.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top