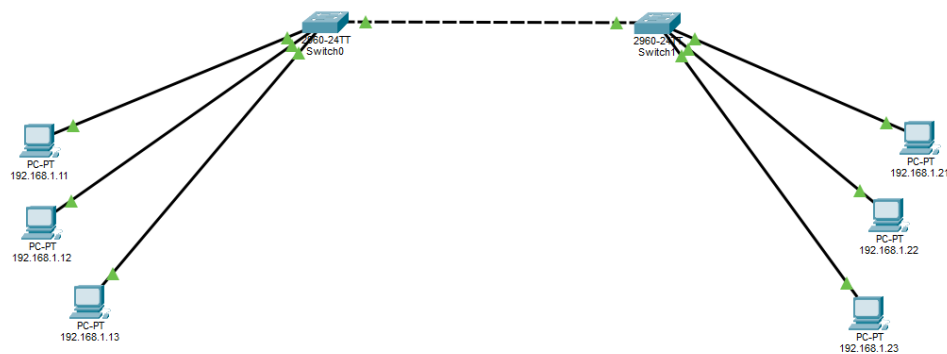


Esercizio di simulazione di Rete su Cisco Packet Tracer

Obiettivo:

Creare e configurare una rete con:

- N.2 Switch
- N.6 Host
 - o Di cui 3 abbinati allo switch N.1 e 3 abbinati allo switch N.2



Configurazione di rete dei singoli host:

192.168.1.11

Physical Config Desktop Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.1.11

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

DNS Server: 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::201:C7FF:FE48:C84C

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

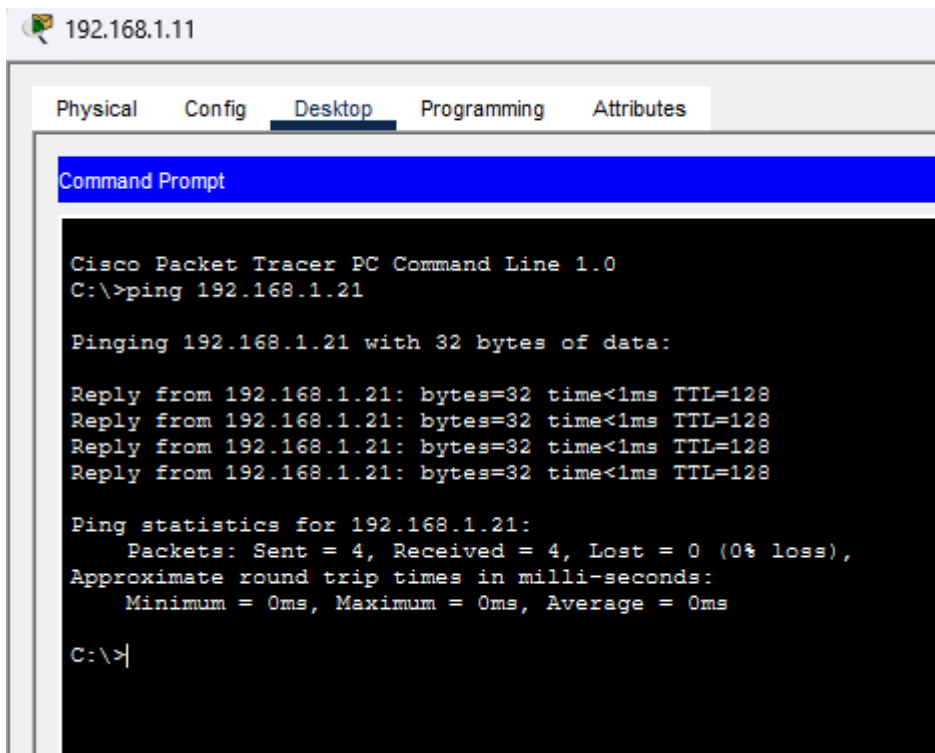
Top

Ogni host è configurato con una Subnet Mask 255.255.255.0 (3 ottetti di rete e 1 di host)

Indirizzi IP collegati al primo Switch: 192.168.1.11 - 192.168.1.12 - 192.168.1.13

Indirizzi IP collegati al secondo Switch: 192.168.1.21 - 192.168.1.22 - 192.168.1.23

Verifica della connettività della rete:



The screenshot shows a Cisco Packet Tracer PC Command Line window for a device with IP 192.168.1.11. The 'Desktop' tab is selected. The command prompt shows the execution of the 'ping 192.168.1.21' command. The output indicates that the ping was successful, with 4 packets sent and received, and 0% loss. The round trip times are all 0ms.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.21

Pinging 192.168.1.21 with 32 bytes of data:

Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

È possibile attraverso la funzione “Command Prompt” verificare se un host sia collegato alla rete tramite il comando “Ping” come mostrato nello screenshot.