PC-PT
PC0

PC-PT
PC3

PC-PT
PC1

2960-24TT
Switch0

2960-24TT
Switch1

PC-PT
PC4

PC-PT
PC2

PC-PT
PC5

prima ho messo i dispositivi due switch e sei host

Time: 00:01:21   Realtime   Simulation

PC   Laptop   Server   VoIP Server   Printer   IP Phone   VoIP Device   Phone   TV   Wireless Tablet   Smart Device   Generic Wireless   Generic Wired   Sniffer

PC-PT
PC0
Fa0

PC-PT
PC1
Fa0

PC-PT
PC2
Fa0

Fa0/24
Fa0/23
Fa0/22
2960-24TT
Switch0
Fa0/21

Fa0/21
2960
S\ Fa0/22
Fa0/24
Fa0/23

Fa0 PC-PT
PC3

PC-PT
PC4
Fa0

PC-PT
PC5
Fa0

poi ho collegato i 3 pc di sinistra con il copper straight-through allo switch di sinistra e successivamente ho fatto lo stesso con i 3 pc di destra e infine ho collegato i due switch

PC0

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

Interface   FastEthernet0

IP Configuration

ho convigurato i vari indirizzi ip e le rispettive subnet mask per ogni pc

○ DHCP   ◉ Static

IP Address   192.168.1.1

Subnet Mask   255.255.255.0

Default Gateway   0.0.0.0

DNS Server   0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ◉ Static

IPv6 Address   _____ / _____

Link Local Address   FE80::2E0:F9FF:FEDD:43BC

IPv6 Gateway   _____

IPv6 DNS Server   _____

802.1X

☐ Use 802.1X Security

PC0 — □ ✕

Physical   Config   Desktop   Programming   Attributes

Command Prompt   X

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=6ms TTL=128
Reply from 192.168.1.1: bytes=32 time=4ms TTL=128
Reply from 192.168.1.1: bytes=32 time=1ms TTL=128
Reply from 192.168.1.1: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 6ms, Average = 3ms

C:\>
```

infine ho verificato la connettività usando il comando ping e scrivendo l'indirizzo ip

PC1

Physical | **Config** | **Desktop** | **Programming** | **Attributes**

IP Configuration   X

Interface | FastEthernet0

IP Configuration

○ DHCP   ● Static

IP Address	192.168.1.2
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address	/
Link Local Address	FE80::20A:F3FF:FEB3:52AC
IPv6 Gateway	
IPv6 DNS Server	

802.1X

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PC2

Physical | Config | Desktop | Programming | Attributes

IP Configuration X

Interface: FastEthernet0

IP Configuration

( ) DHCP   (•) Static

IP Address: 192.168.1.3

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

( ) DHCP   ( ) Auto Config   (•) Static

IPv6 Address: /

Link Local Address: FE80::2E0:F7FF:FEDE:28B

IPv6 Gateway:

IPv6 DNS Server:

802.1X

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PC3

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

Interface   FastEthernet0   ⌄

IP Configuration

( ) DHCP   (●) Static

IP Address   192.168.1.4

Subnet Mask   255.255.255.0

Default Gateway   0.0.0.0

DNS Server   0.0.0.0

IPv6 Configuration

( ) DHCP   ( ) Auto Config   (●) Static

IPv6 Address   /

Link Local Address   FE80::260:70FF:FE8C:3305

IPv6 Gateway

IPv6 DNS Server

802.1X

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Authentication   MD5   ⌄

Username

PC4 — □ X

IP Configuration   X

Interface   FastEthernet0   ∨

IP Configuration

○ DHCP   ● Static

IP Address   192.168.1.5

Subnet Mask   255.255.255.0

Default Gateway 0.0.0.0

DNS Server   0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address   /

Link Local Address   FE80::201:63FF:FEA5:EE30

IPv6 Gateway

IPv6 DNS Server

802.1X

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PC5 ▢ ▢ ✕

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

Interface   FastEthernet0   ⌄

IP Configuration

○ DHCP   ◉ Static

IP Address   192.168.1.6

Subnet Mask   255.255.255.0

Default Gateway   0.0.0.0

DNS Server   0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ◉ Static

IPv6 Address   /

Link Local Address   FE80::2E0:F9FF:FE04:1458

IPv6 Gateway

IPv6 DNS Server

802.1X

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