

Switch0

Physical Config CLI Attributes

IOS Command Line Interface

```
1 default active Fa0/1, Fa0/2, Fa0/3, Fa0/4
Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9, Fa0/10, Fa0/11, Fa0/12
Fa0/13, Fa0/14, Fa0/15, Fa0/16
Fa0/17, Fa0/18, Fa0/19, Fa0/20
Fa0/21, Fa0/22, Fa0/23, Fa0/24
Gig0/1, Gig0/2

1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 tennet-default active
Switch#enable
Switch#configure t
Enter configuration commands, one per line. End with CTRL/Z.
Switch(config)#vlan 10
Switch(config-vlan)#name ventas
Switch(config-vlan)#exit
Switch(config)#vlan 20
Switch(config-vlan)#name ingenieria
Switch(config-vlan)#exit
Switch(config)#vlan 30
Switch(config-vlan)#name DMI
Switch(config-vlan)#exit
Switch(config)#show vlan brief

% Invalid input detected at '^' marker.

Switch(config)#?
Switch#
SYS-5-CONFIG_I: Configured from console by console

Switch#show vlan brief

VLAN Name                Status Ports
-----
1 default              active Fa0/1, Fa0/2, Fa0/3, Fa0/4
Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9, Fa0/10, Fa0/11, Fa0/12
Fa0/13, Fa0/14, Fa0/15, Fa0/16
Fa0/17, Fa0/18, Fa0/19, Fa0/20
Fa0/21, Fa0/22, Fa0/23, Fa0/24
Gig0/1, Gig0/2

10 ventas              active
20 ingenieria          active
30 DMI                  active
1002 fddi-default       active
1003 token-ring-default active
1004 fddinet-default    active
1005 tennet-default     active
Switch#
```

Copy Paste

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IOS Command Line Interface

```
Switch(config)#?
Switch#
SYS-5-CONFIG_I: Configured from console by console

Switch#show vlan brief

VLAN Name                Status Ports
-----
1 default              active Fa0/1, Fa0/2, Fa0/3, Fa0/4
Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9, Fa0/10, Fa0/11, Fa0/12
Fa0/13, Fa0/14, Fa0/15, Fa0/16
Fa0/17, Fa0/18, Fa0/19, Fa0/20
Fa0/21, Fa0/22, Fa0/23, Fa0/24
Gig0/1, Gig0/2

10 ventas              active
20 ingenieria          active
30 DMI                  active
1002 fddi-default       active
1003 token-ring-default active
1004 fddinet-default    active
1005 tennet-default     active
Switch#
Switch#enable
Switch#configure t
Enter configuration commands, one per line. End with CTRL/Z.
Switch(config)#interface e
% Incomplete command.
Switch(config)#interface range f
% Incomplete command.
Switch(config)#interface range f0/1 - f0/2
Switch(config-if-range)#e
% Incomplete command.
Switch(config-if-range)#e
Switch(config-if-range)#e
Switch(config-if-range)#sw
Switch(config-if-range)#switchport m
Switch(config-if-range)#switchport mode a
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#sw
Switch(config-if-range)#switchport a
Switch(config-if-range)#switchport access vlan 10
Switch(config-if-range)#exit
Switch(config)#interface range f0/3 - f0/4
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 30
Switch(config-if-range)#exit
Switch(config)#interface range f0/5 - f0/6
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 30
Switch(config-if-range)#exit
Switch(config)#
```

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Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 603 x 247

PC0-VENTAS

2960-24 Switch0

Switch0

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#sw
Switch(config-if-range)#switchport a
Switch(config-if-range)#switchport access vlan 10
Switch(config-if-range)#exit
Switch(config)#interface range f0/3 - f0/4
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 20
Switch(config-if-range)#exit
Switch(config)#interface range f0/5 - f0/6
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 30
Switch(config-if-range)#exit
Switch(config)#^Z
Switch#
VTPV-S-CO-CONFID_1: Configured from console by console
?
Translating "*"...domain server (255.255.255.255)
% Unknown command or computer name, or unable to find computer address

Switch#^Z
Switch#^Z
Switch#^Z
Switch#^Z
Switch#show vlan brief
```

| VLAN Name               | Status | Ports   |
|-------------------------|--------|---|
| 1 default               | active | Fa0/7, Fa0/8, Fa0/9, Fa0/10<br>Fa0/11, Fa0/12, Fa0/13, Fa0/14<br>Fa0/15, Fa0/16, Fa0/17, Fa0/18<br>Fa0/19, Fa0/20, Fa0/21, Fa0/22<br>Fa0/23, Fa0/24, Gig0/1, Gig0/2 |
| 10 ventas               | active | Fa0/1, Fa0/2  |
| 20 ingenieria           | active | Fa0/3, Fa0/4  |
| 30 ZMC                  | active | Fa0/5, Fa0/6  |
| 1002 f0d1-default       | active |   |
| 1003 token-ring-default | active |   |
| 1004 fddi-net-default   | active |   |
| 1005 token-ring-default | active |   |

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Realtime Simulation

7:53 p.m. 22/05/2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 603 x 45

PC0-VENTAS

2960-24 Switch0

PC0-VENTAS

Physical Config Desktop Programming Attributes

FastEthernet0

Port Status

Bandwidth

Duplex

MAC Address

0001.9634.A585

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.10.2

Subnet Mask

255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address FE80:201:96FF:FEB4:A585

Realtime Simulation

7:57 p.m. 22/05/2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 821 x 251

PC2-INGENIERIA

Physical Config Desktop Programming Attributes

GLOBAL Settings Algorithm Settings INTERFACE

FastEthernet0

Port Status: On

Bandwidth: 100 Mbps

Duplex: Full Duplex

MAC Address: 0001.64C1.8732

IP Configuration: Static

IPv4 Address: 192.168.20.2

Subnet Mask: 255.255.255.0

IPv6 Configuration: Automatic

Link Local Address: FE80:201:64FF:FE01:8732

PC-PT PC-ENTAS

2960-24 Switch0

Time: 00:35:21

Realtime Simulation

7:57 p.m. 22/05/2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 851 x 483

PC4-DMZ

Physical Config Desktop Programming Attributes

GLOBAL Settings Algorithm Settings INTERFACE

FastEthernet0

Port Status: On

Bandwidth: 100 Mbps

Duplex: Full Duplex

MAC Address: 00D0.BC96.46C1

IP Configuration: Static

IPv4 Address: 192.168.30.2

Subnet Mask: 255.255.255.0

IPv6 Configuration: Automatic

Link Local Address: FE80:20D:BCFF:FE96:46C1

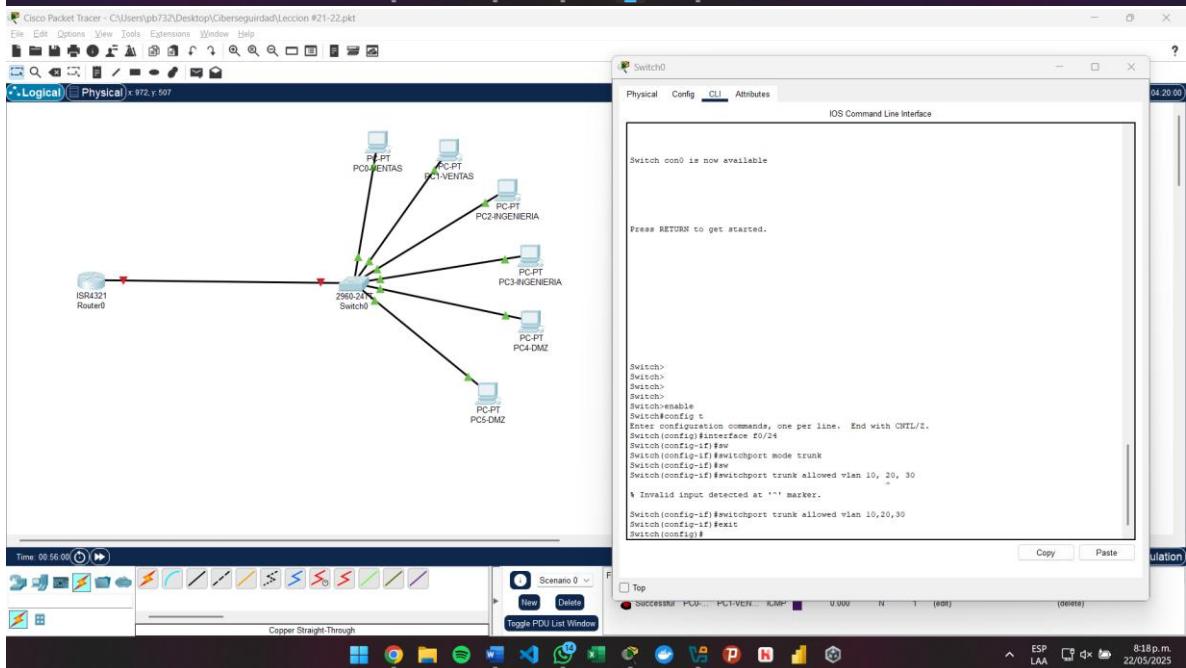
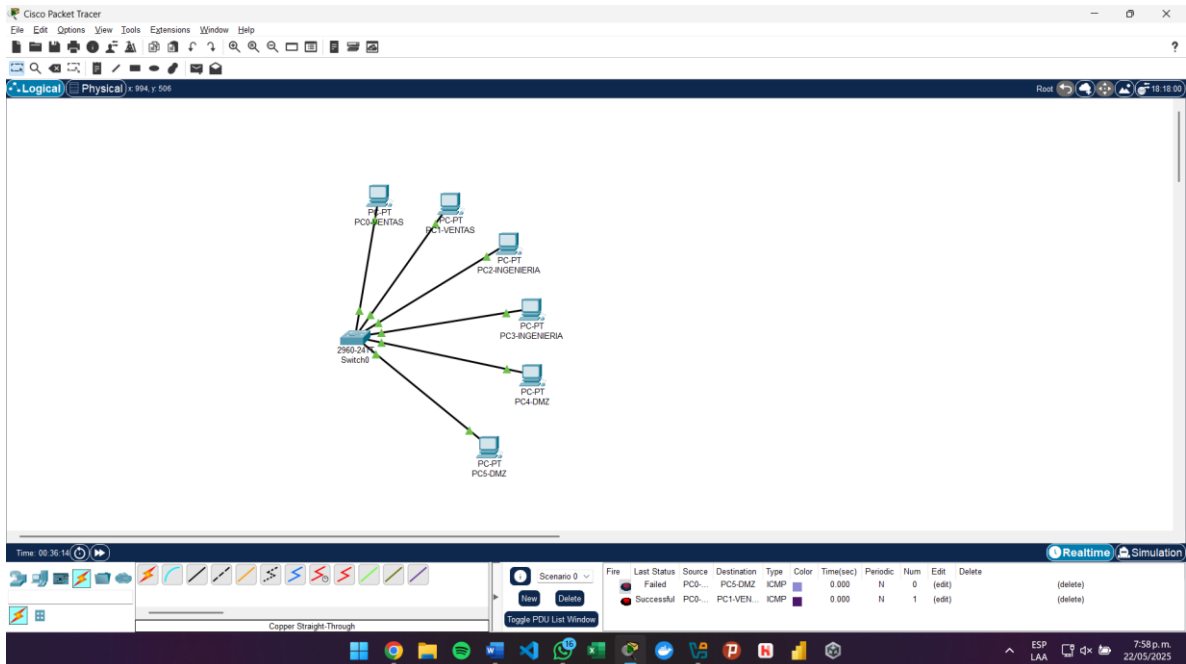
PC-PT PC-ENTAS

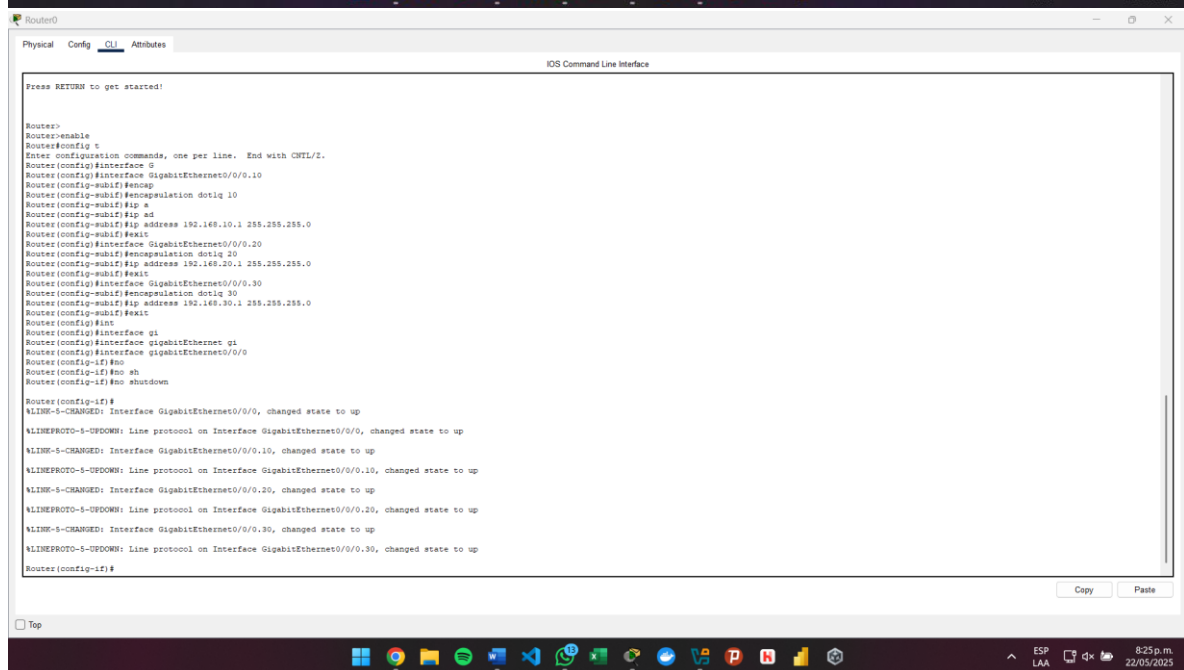
2960-24 Switch0

Time: 00:35:35

Realtime Simulation

7:58 p.m. 22/05/2025





Cisco Packet Tracer - C:\Users\pb732\Desktop\Ciberseguridad\Leccion #21-22.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x:661, y:119

Time: 01:06:53

Scenario 0

Toggle PC/LIST View

Copper Straight-Through

PC0-VENTAS

Global Settings

Display Name: PC0-VENTAS

Interfaces: FastEthernet0

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway: 192.168.10.1

DNS Server:

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway:

DNS Server:

Simulation

ESP LAA 8:29 p.m. 22/05/2025