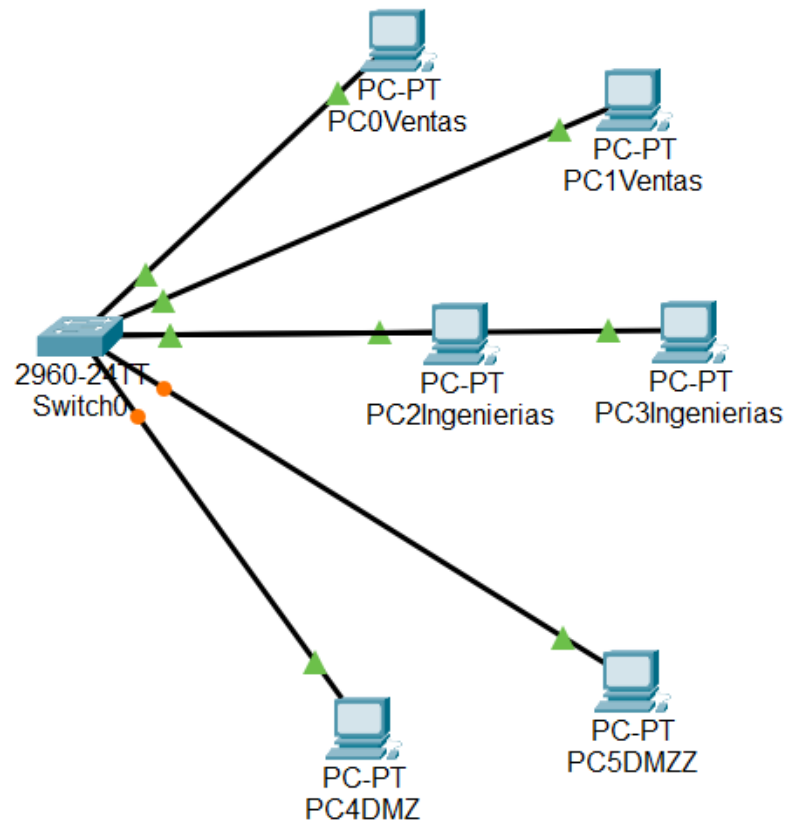


## LABORATORIO 22 y 23

---



Switch>show vlan

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
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Trans1	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0
1004	fdnet	101004	1500	-	-	-	ieee	-	0	0
1005	trnet	101005	1500	-	-	-	ibm	-	0	0

--More--

Switch>enable

Switch#ccconfig t

^  
% Invalid input detected at '^' marker.

Switch#config t

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#vlan 10

Switch(config-vlan)#name ventas

Switch(config-vlan)#exit

Switch(config)#vlan 20

Switch(config-vlan)#name ingenierias

Switch(config-vlan)#exit

Switch(config)#vlan 30

Switch(config-vlan)#name DMZ

Switch(config-vlan)#

```
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
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	ingenierias	active	
30	DMZ	active	
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

```
Switch#
1004 fddinet-default
1005 trnet-default
Switch#config t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#interface range f0/1 - f0/2
Switch(config-if-range)#
Switch(config-if-range)#sw
Switch(config-if-range)#switchport a
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#sw a
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)#interface range f0/5 - f0/6
Switch(config-if-range)#switchport mode access
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)#
```

-----  
%SYS-5-CONFIG\_I: Configured from console by console  
show vlan brief

VLAN	Name	Status	Ports
1	default	active	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	Fa0/1, Fa0/2
20	ingenierias	active	Fa0/3, Fa0/4
30	DMZ	active	Fa0/5, Fa0/6
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

Switch#

FastEthernet0

Port Status

Bandwidth

Duplex

MAC Address

☒ On

☐ 100 Mbps ☐ 10 Mbps ☒ Auto

☐ Half Duplex ☒ Full Duplex ☒ Auto

000D.BD41.D665

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

Subnet Mask

192.168.10.3

255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::20D:BDFF:FE41:D665

PC2Ingenierias

Physical

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INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status

Bandwidth

Duplex

MAC Address

100 Mbps

10 Mbps

Auto

Half Duplex

Full Duplex

Auto

0002.4ABE.2E02

IP Configuration

DHCP

Static

IPv4 Address

192.168.20.2

Subnet Mask

255.255.255.0

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local Address:

FE80::202:4AFF:FEBE:2E02

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INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status

Bandwidth

Duplex

MAC Address

100 Mbps

10 Mbps

Auto

Half Duplex

Full Duplex

Auto

000D.BD90.7B85

IP Configuration

DHCP

Static

IPv4 Address

192.168.20.3

Subnet Mask

255.255.255.0

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local Address:

FE80::20D:BDFF:FE90:7B85

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PC4DMZ

Physical

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INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status

Bandwidth

Duplex

MAC Address

100 Mbps

10 Mbps

Auto

Half Duplex

Full Duplex

Auto

00E0.F9B6.D395

IP Configuration

DHCP

Static

IPv4 Address

Subnet Mask

192.168.30.2

255.255.255.0

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local Address

FE80::2E0:F9FF:FE86:D395

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PC5DMZ

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INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status

Bandwidth

Duplex

MAC Address

100 Mbps

10 Mbps

Auto

Half Duplex

Full Duplex

Auto

00D0.FF44.D730

IP Configuration

DHCP

Static

IPv4 Address

192.168.30.3

Subnet Mask

255.255.255.0

IPv6 Configuration

Automatic

Static

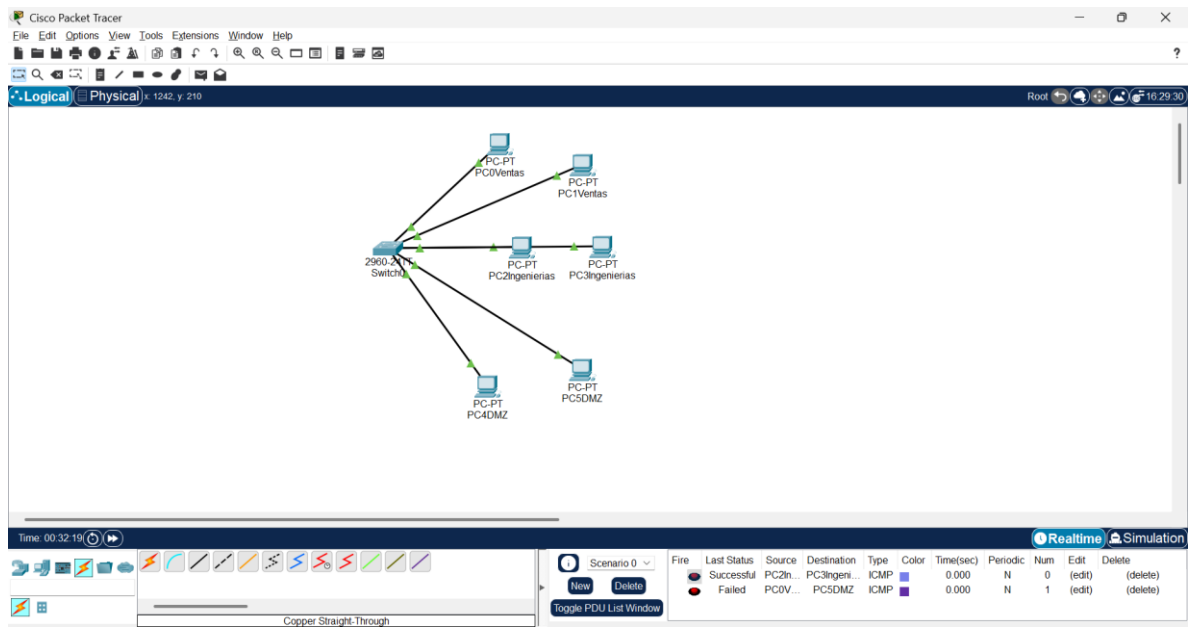
IPv6 Address

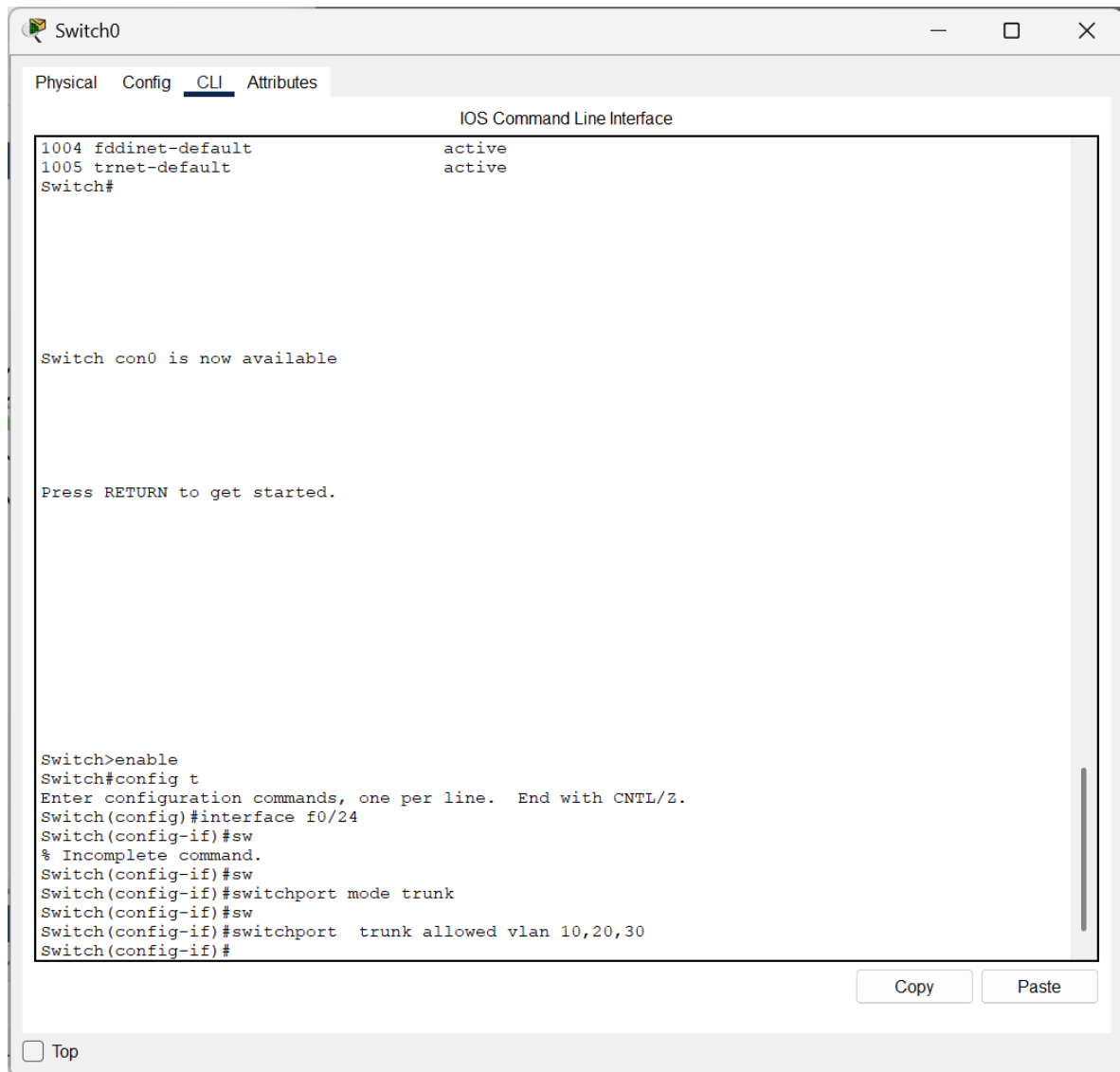
Link Local Address

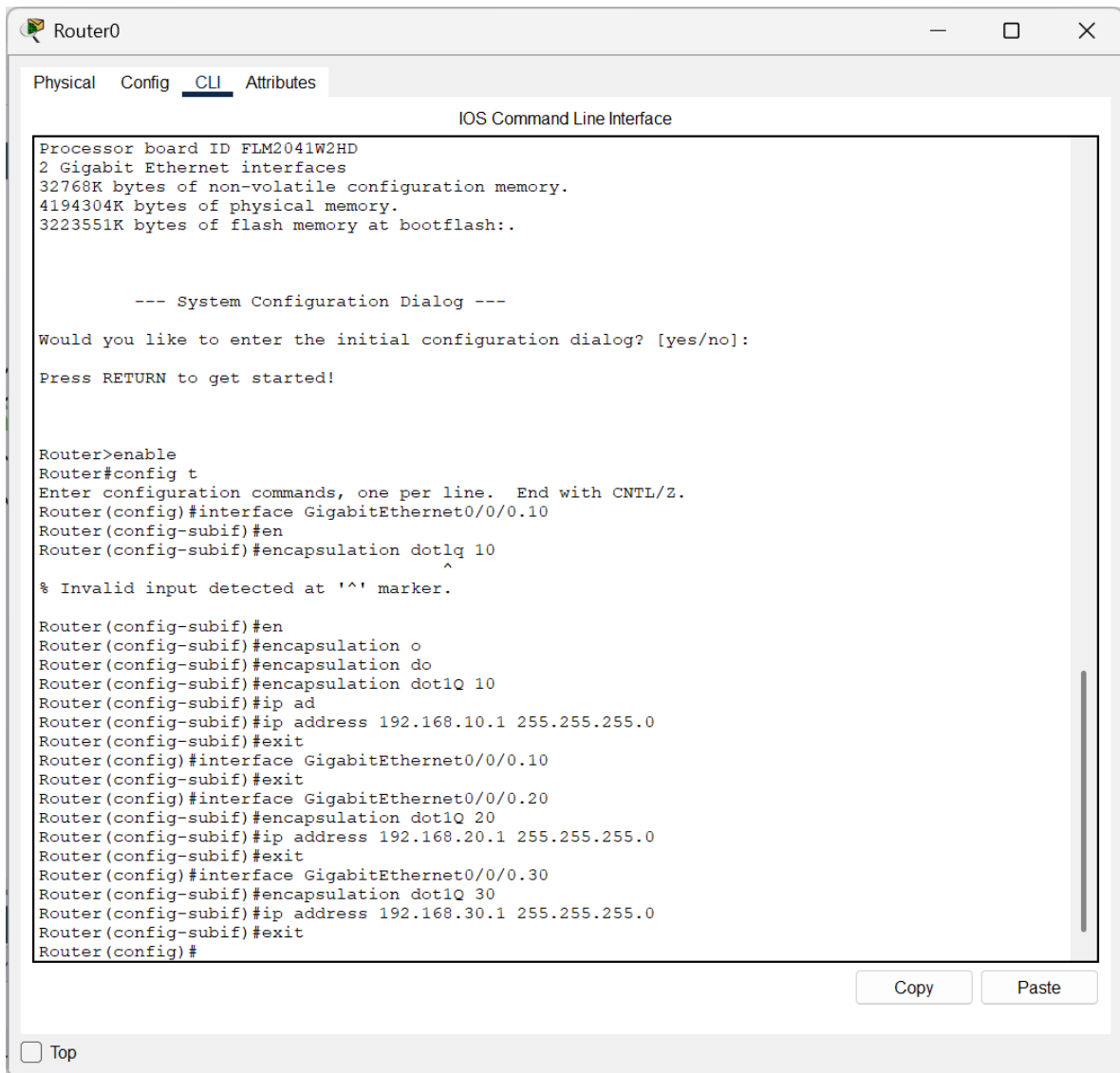
FE80::2D0:FFFF:FE44:D730

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```

% Invalid input detected at ... marker.

router(config-if)#exit
router(config)#interface GigabitEthernet 0/0/0
router(config-if)#no shutdown

router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/0, changed state to up

%LINK-5-CHANGED: Interface GigabitEthernet0/0/0.10, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/0.10, changed state to up

%LINK-5-CHANGED: Interface GigabitEthernet0/0/0.20, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/0.20, changed state to up

%LINK-5-CHANGED: Interface GigabitEthernet0/0/0.30, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/0.30, changed state to up

router(config-if)#exit
router(config)#

```

