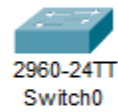
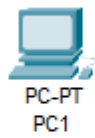
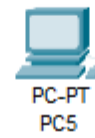
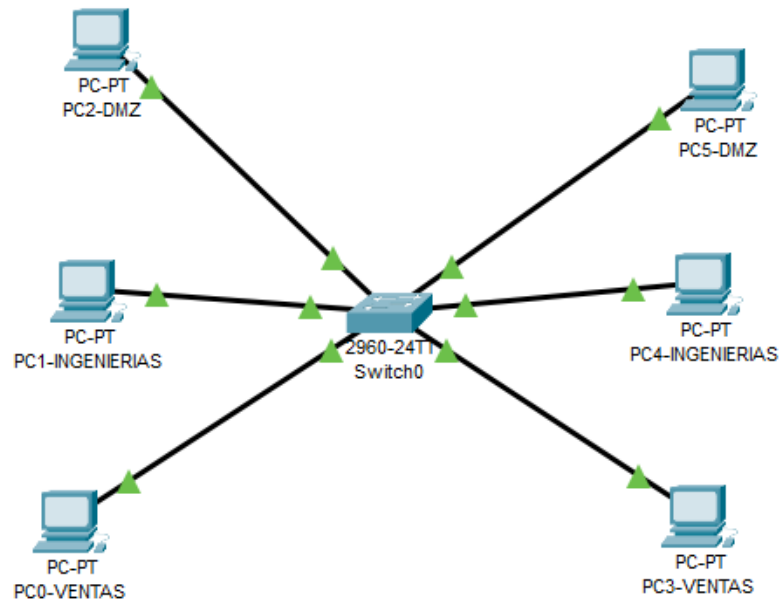


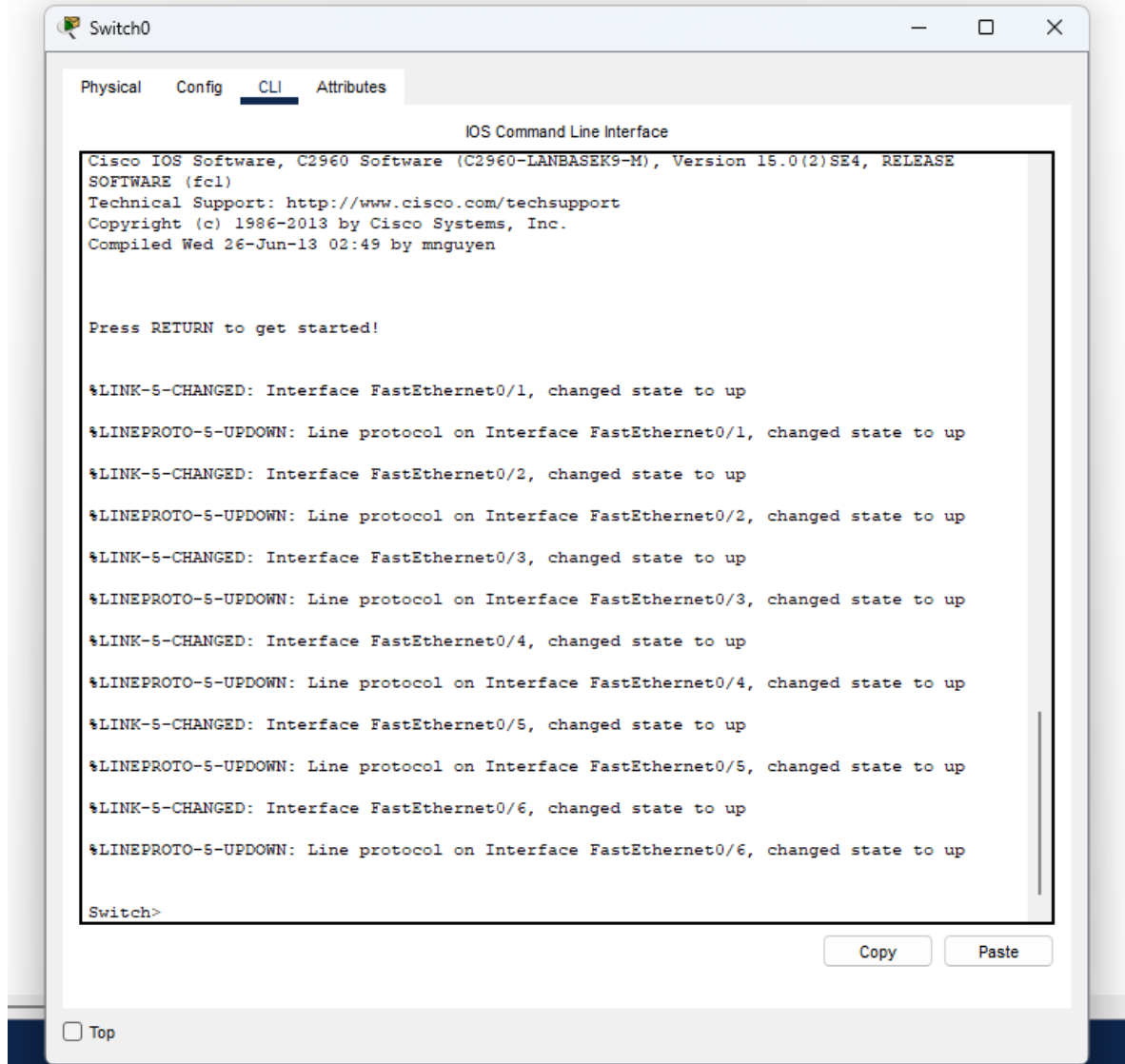
LABORATORIO 21, 22

DILAN ARAGON

al x: 494, y: 408







Vlan 10 192.168.10.1

Ventas

Vlan20 192.168.20.1

Ing

Vlan30 192.168.30.1

Dmz

Switch0

Physical

Config

CLI

Attributes

IOS Command Line Interface

% Invalid input detected at '^' marker.

Switch(config)#vlan 30

Switch(config-vlan)#name DMZ

Switch(config-vlan)#EXIT

Switch(config)#vlan brief

% Invalid input detected at '^' marker.

Switch(config)#exit

Switch#

%SYS-5-CONFIG_I: Configured from console by console

Switch#vlan brief

% Invalid input detected at '^' marker.

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

Switch#

Copy

Paste

☐ Top

Vlan30 192.168.30.1

Switch0

Physical

Config

CLI

Attributes

IOS Command Line Interface

```
Translating "emane"...domain server (255.255.255.255)
% Unknown command or computer name, or unable to find computer address

Switch
Switch#interface range f0/1 - f0/2
^
% Invalid input detected at '^' marker.

Switch#interface range f0/1 - f0/2
^
% Invalid input detected at '^' marker.

Switch#enable
Switch#interface range f0/1 - f0/2
^
% Invalid input detected at '^' marker.

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)#switchport mode access
Switch(config-if-range)#switchport access vlan 10
Switch(config-if-range)#exit
Switch(config)#config t
^
% Invalid input detected at '^' marker.

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)#show vlan brief
^
% Invalid input detected at '^' marker.

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

Switch#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#
```

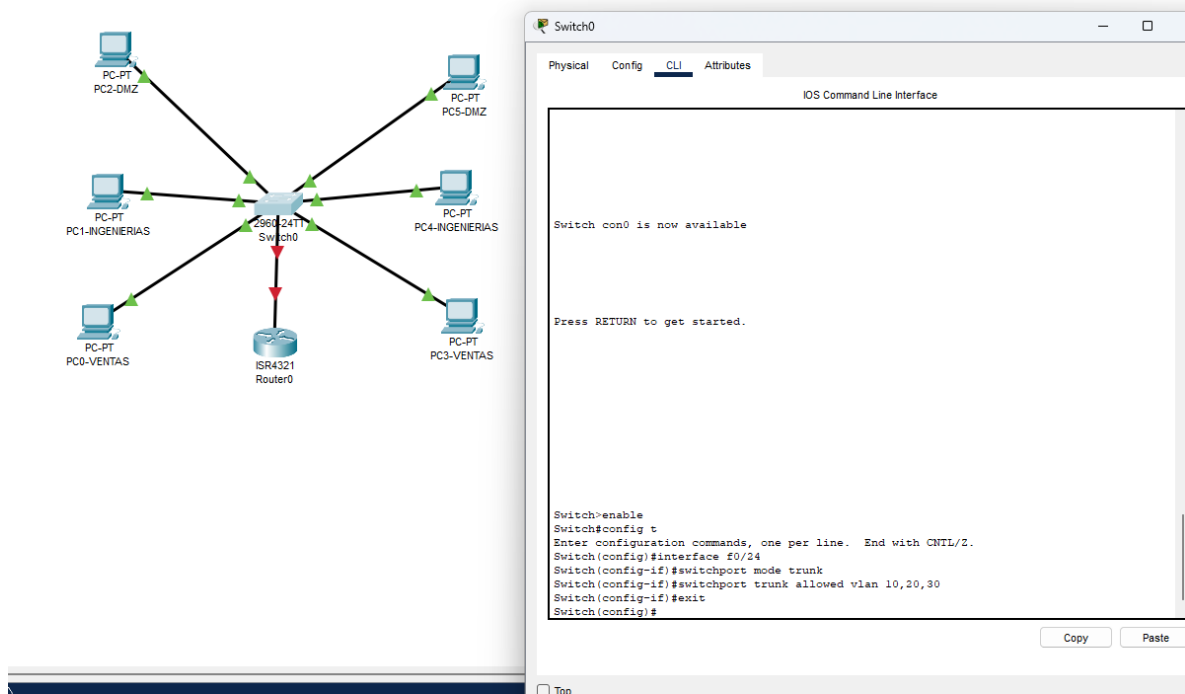
Copy

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☐ Top

7:53 p.m.

22/05/2025



```

Router(config)#encapsulation dot1q 10
^
% Invalid input detected at '^' marker.

Router(config)#encapsulation do
^
% Invalid input detected at '^' marker.

Router(config)#interface GigabitEthernet0/0/0.10
Router(config-subif)#encapsulation dot1q 10
Router(config-subif)#ip a
% Ambiguous command: "ip a"
Router(config-subif)#ip address 192.168.10.1 255.255.255.0
Router(config-subif)#interface GigabitEthernet0/0/0.20
Router(config-subif)#encapsulation dot1q 20
Router(config-subif)#ip address 192.168.20.1 255.255.255.0
Router(config-subif)#interface GigabitEthernet0/0/0.10
Router(config-subif)#encapsulation dot1q 10
Router(config-subif)#ip address 192.168.10.1 255.255.255.0
Router(config-subif)#exit
Router(config)#interface GigabitEthernet0/0/0.20
Router(config-subif)#encapsulation dot1q 20
Router(config-subif)#ip address 192.168.20.1 255.255.255.0
Router(config-subif)#interface GigabitEthernet0/0/0.20
Router(config-subif)#encapsulation dot1q 20
Router(config-subif)#ip address 192.168.20.1 255.255.255.0
Router(config-subif)#exit
Router(config)#interface gigabitEthernet0/0/0.30
Router(config-subif)#encapsulation dot1q 30
Router(config-subif)#ip address 192.168.30.1 255.255.255.0
Router(config-subif)#exit
Router(config)#no shutdown
^

```

[Copy](#)
[Pas](#)
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Router0

Physical Config **CLI** Attributes

IOS Command Line Interface

```

Router(config-subif)#exit
Router(config)#no shutdown
^
% Invalid input detected at '^' marker.

Router(config)#interface gigabitEthernet0/0/0
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 GigabitEthernet0/0/10, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/10, changed state to up
%LINK-5-CHANGED: Interface GigabitEthernet0/0/20, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/20, changed state to up
%LINK-5-CHANGED: Interface GigabitEthernet0/0/30, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/30, changed state to up

Router(config-if)#exit
Router(config)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#write memory
Building configuration...
[OK]
Router#

```

Top

Scenario 0

Fire	Last Status	Source	Destination	Type	Color	Time(sec)
Failed	Failed	PC0...	PC5-DMZ	ICMP		0.000

Router0

Physical Config **CLI** Attributes

IOS Command Line Interface

```

Router(config-subif)#exit
Router(config)#no shutdown
^
% Invalid input detected at '^' marker.

Router(config)#interface gigabitEthernet0/0/0
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 GigabitEthernet0/0/10, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/10, changed state to up
%LINK-5-CHANGED: Interface GigabitEthernet0/0/20, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/20, changed state to up
%LINK-5-CHANGED: Interface GigabitEthernet0/0/30, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/30, changed state to up

Router(config-if)#exit
Router(config)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#write memory
Building configuration...
[OK]
Router#

```

Top

Scenario 0

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	Successful	PC0...	PC5-DMZ	ICMP		0.000	N	0	(edit)	
Successful	Successful	PC0...	PC5-DMZ	ICMP		0.000	N	1	(edit)	
Successful	Successful	PC0...	PC5-DMZ	ICMP		0.000	N	2	(edit)	
Successful	Successful	PC0...	PC3-VENTAS	ICMP		0.000	N	3	(edit)	

04:47 PLAY CONTROLS

Copper Straight-Through

Toggle PDU List Window