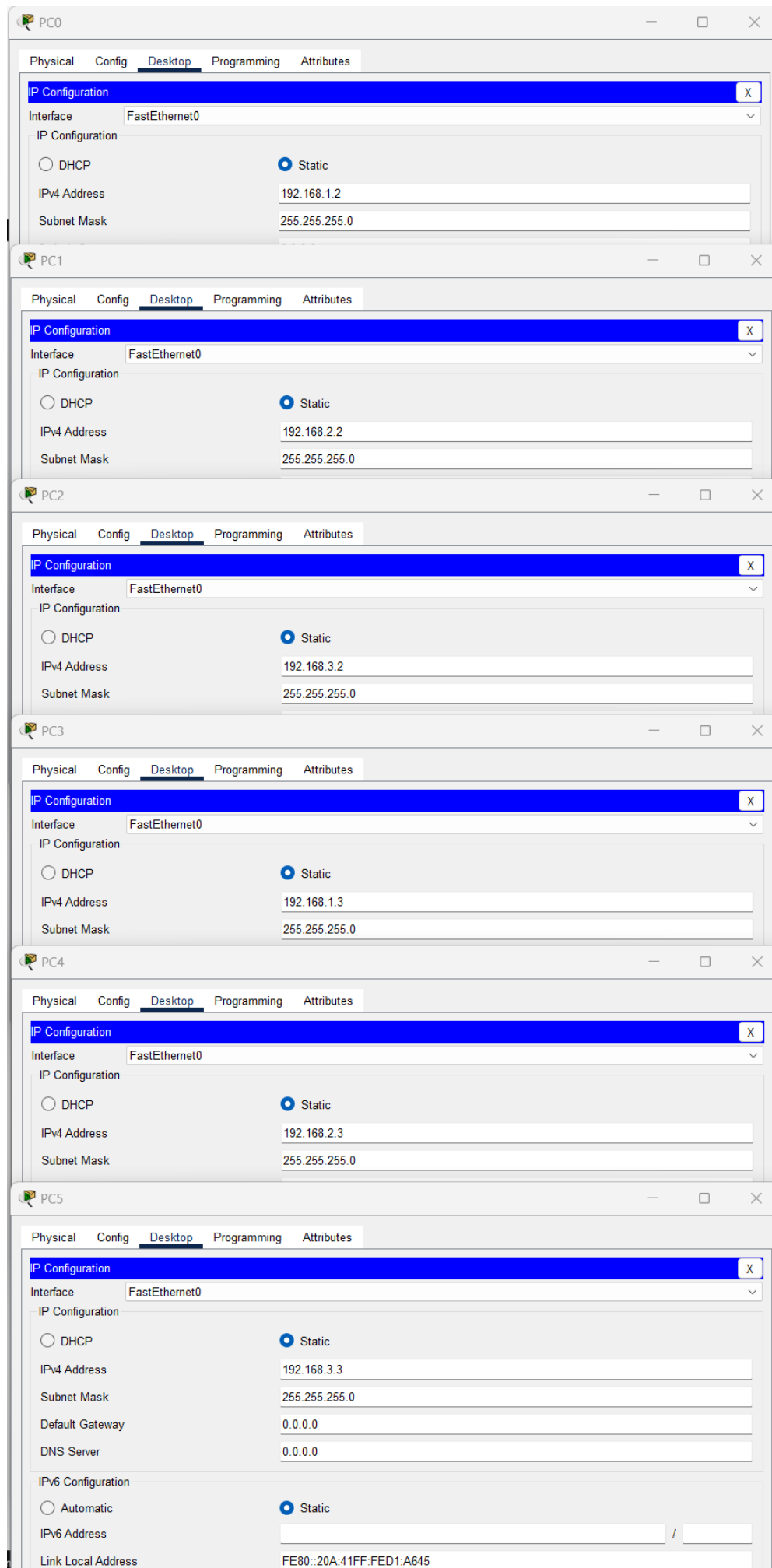
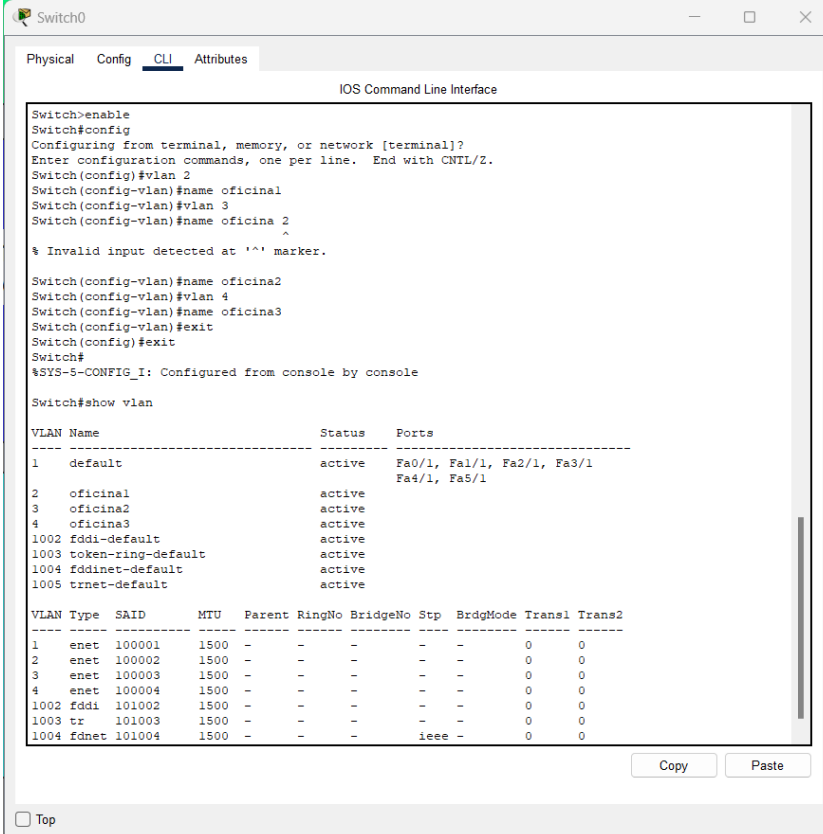


En esta actividad trataremos de establecer el *trunk* para que dos switches puedan compartir información de sus VLAN y puedan estar conectados de forma que una misma VLAN pueda estar en dos switches diferentes.



Comandos para configurar el Switch0:


Switch0

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch>enable
Switch#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 2
Switch(config-vlan)#name oficinal
Switch(config-vlan)#vlan 3
Switch(config-vlan)#name oficina 2
Switch(config-vlan)#^
% Invalid input detected at '^' marker.

Switch(config-vlan)#name oficina2
Switch(config-vlan)#vlan 4
Switch(config-vlan)#name oficina3
Switch(config-vlan)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#show vlan
```

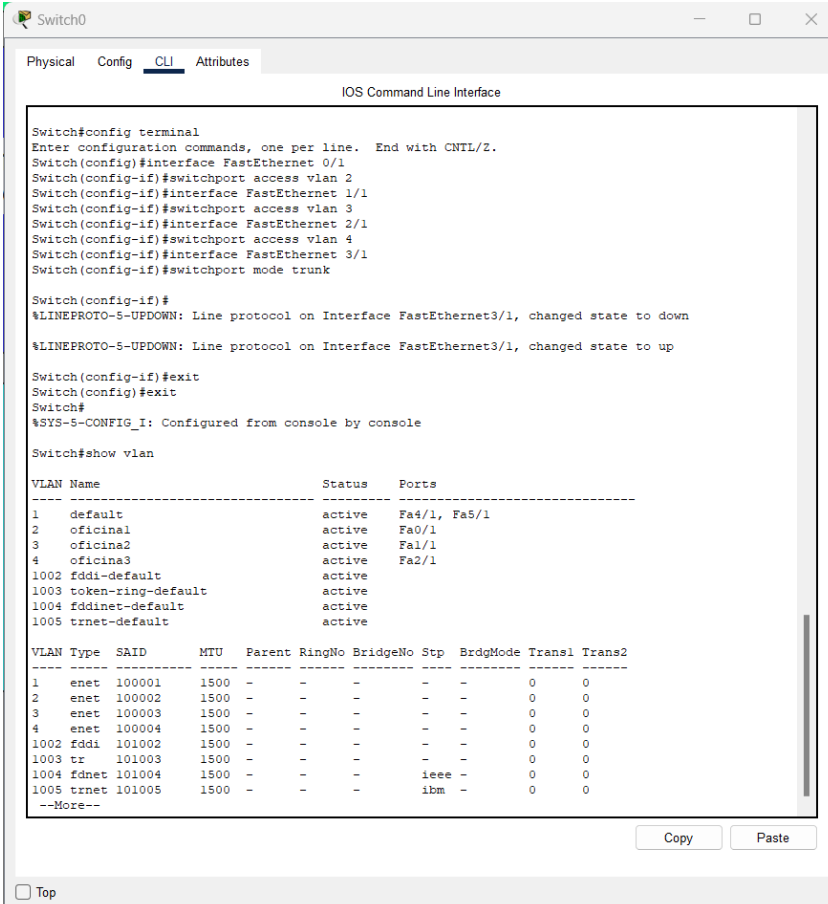
VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa1/1, Fa2/1, Fa3/1, Fa4/1, Fa5/1
2	oficinal	active	
3	oficina2	active	
4	oficina3	active	
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Transl	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
2	enet	100002	1500	-	-	-	-	-	0	0
3	enet	100003	1500	-	-	-	-	-	0	0
4	enet	100004	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0
1004	fdnet	101004	1500	-	-	-	ieee	-	0	0

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☐ Top



Switch0

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#interface FastEthernet 0/1
Switch(config-if)#switchport access vlan 2
Switch(config-if)#interface FastEthernet 1/1
Switch(config-if)#switchport access vlan 3
Switch(config-if)#interface FastEthernet 2/1
Switch(config-if)#switchport access vlan 4
Switch(config-if)#interface FastEthernet 3/1
Switch(config-if)#switchport mode trunk

Switch(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet3/1, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet3/1, changed state to up

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

Switch#show vlan
```

VLAN	Name	Status	Ports
1	default	active	Fa4/1, Fa5/1
2	oficinal	active	Fa0/1
3	oficina2	active	Fa1/1
4	oficina3	active	Fa2/1
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	Transl	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
2	enet	100002	1500	-	-	-	-	-	0	0
3	enet	100003	1500	-	-	-	-	-	0	0
4	enet	100004	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

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Comandos para configurar el Switch1:

Switch1

Physical Config **CLI** Attributes

IOS Command Line Interface

```
Switch>enable
Switch#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#
Switch(config)#vlan 2
Switch(config-vlan)#name oficinal
Switch(config-vlan)#vlan 3
Switch(config-vlan)#name oficina2
Switch(config-vlan)#vlan 4
Switch(config-vlan)#name oficina3
Switch(config-vlan)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#show vlan
```

VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa1/1, Fa2/1, Fa4/1, Fa5/1
2	oficinal	active	
3	oficina2	active	
4	oficina3	active	
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
2	enet	100002	1500	-	-	-	-	-	0	0
3	enet	100003	1500	-	-	-	-	-	0	0
4	enet	100004	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0
1004	fdnet	101004	1500	-	-	-	ieee	-	0	0

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Switch1

Physical Config **CLI** Attributes

IOS Command Line Interface

```
Switch#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#interface FastEthernet 0/1
Switch(config-if)#switchport access vlan 2
Switch(config-if)#interface FastEthernet 1/1
Switch(config-if)#switchport access vlan 3
Switch(config-if)#interface FastEthernet 2/1
Switch(config-if)#switchport access vlan 4
Switch(config-if)#interface FastEthernet 3/1
Switch(config-if)#switchport mode trunk
Switch(config-if)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#show vlan
```

VLAN	Name	Status	Ports
1	default	active	Fa4/1, Fa5/1
2	oficinal	active	Fa0/1
3	oficina2	active	Fa1/1
4	oficina3	active	Fa2/1
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
2	enet	100002	1500	-	-	-	-	-	0	0
3	enet	100003	1500	-	-	-	-	-	0	0
4	enet	100004	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

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☐ Top

Algunas PDU de prueba:

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num
	Failed	PC2	PC4	ICMP		0.000	N	1
	Successful	PC1	PC4	ICMP		0.000	N	2
	Successful	PC0	PC3	ICMP		0.000	N	3
	Failed	PC0	PC5	ICMP		0.000	N	4