

Lab Task:

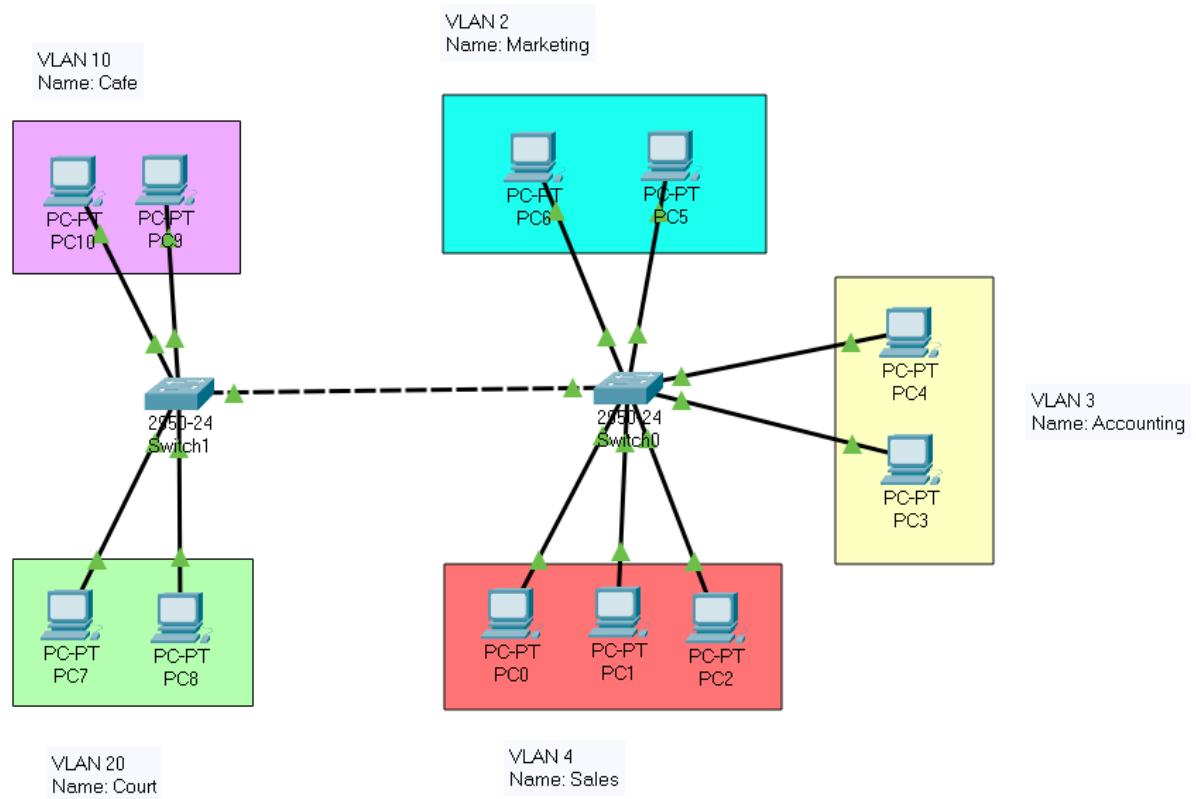
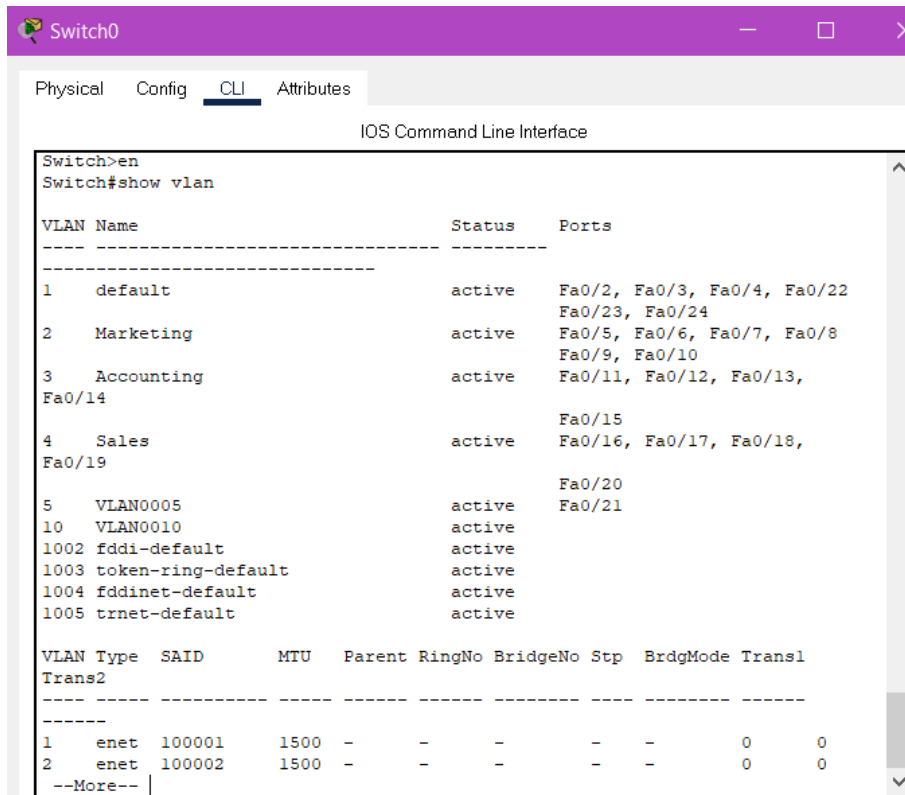


Figure 1: Topology

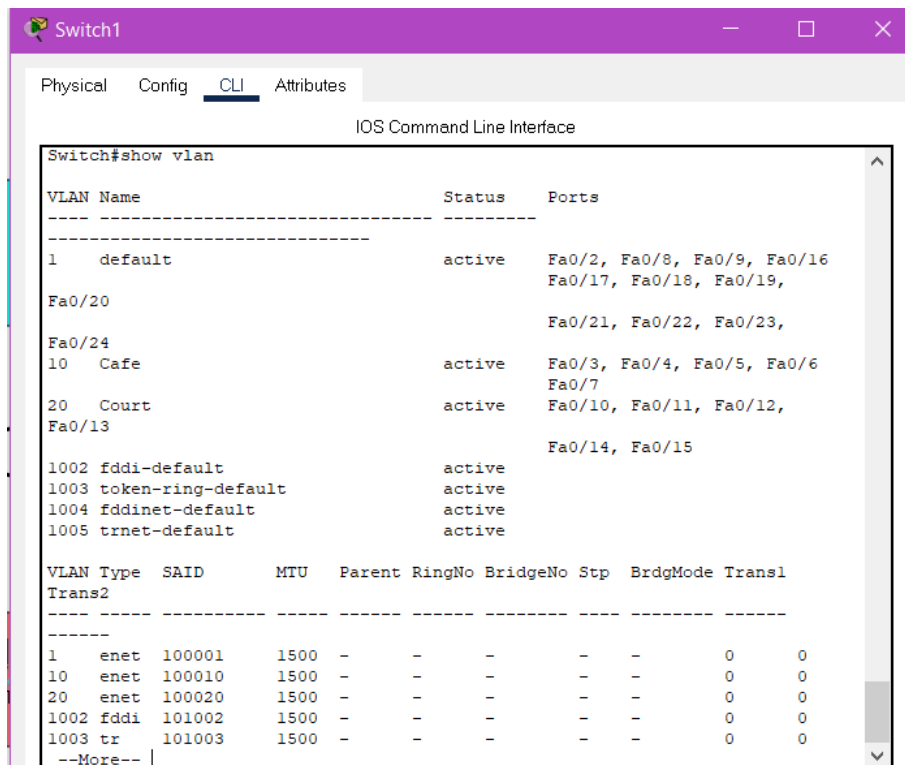


The screenshot shows the CLI of Switch0 with the 'show vlan' command executed. The output displays a table of VLANs and their associated ports. The first table lists VLANs 1 through 1005, including default, Marketing, Accounting, Sales, and various default protocols. The second table lists VLANs 1 and 2 with their respective SAIDs, MTUs, and other attributes.

VLAN	Name	Status	Ports
1	default	active	Fa0/2, Fa0/3, Fa0/4, Fa0/22, Fa0/23, Fa0/24
2	Marketing	active	Fa0/5, Fa0/6, Fa0/7, Fa0/8, Fa0/9, Fa0/10
3	Accounting	active	Fa0/11, Fa0/12, Fa0/13, Fa0/14
4	Sales	active	Fa0/15, Fa0/16, Fa0/17, Fa0/18, Fa0/19
5	VLAN0005	active	Fa0/20
10	VLAN0010	active	Fa0/21
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

Figure 2: VLAN status for Switch0



The screenshot shows the CLI of Switch1 with the 'show vlan' command executed. The output displays a table of VLANs and their associated ports. The first table lists VLANs 1 through 1005, including default, Cafe, Court, and various default protocols. The second table lists VLANs 1, 10, 20, 1002, and 1003 with their respective SAIDs, MTUs, and other attributes.

VLAN	Name	Status	Ports
1	default	active	Fa0/2, Fa0/8, Fa0/9, Fa0/16, Fa0/17, Fa0/18, Fa0/19, Fa0/20, Fa0/21, Fa0/22, Fa0/23, Fa0/24
10	Cafe	active	Fa0/3, Fa0/4, Fa0/5, Fa0/6, Fa0/7
20	Court	active	Fa0/10, Fa0/11, Fa0/12, Fa0/13, Fa0/14, Fa0/15
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
10	enet	100010	1500	-	-	-	-	-	0	0
20	enet	100020	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0

Figure 3: VLAN status for Switch1


Simulation Panel				
Event List				
Vis.	Time(sec)	Last Device	At Device	Type
	0.000	—	PC0	ICMP
	0.001	PC0	Switch0	ICMP
	0.002	Switch0	PC2	ICMP
	0.003	PC2	Switch0	ICMP
	0.004	Switch0	PC0	ICMP

Figure 4: Packet sent from PC0 to PC2 within same VLAN

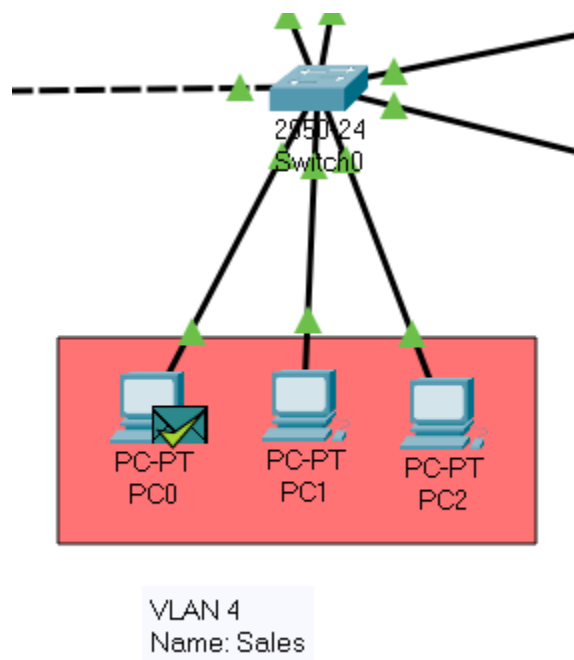


Figure 5: Successful