Department of Electrical Engineering

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EE-357 Computer and Communication Networks Experiment - 5

Introduction to VLANs and Inter-VLAN

		PLO5	5/	PLO5/	PLO5/	PLO5/
		CLO	3	CLO3	CLO3	CLO3
Name	Reg. No	Viva / Quiz / Lab Performance 5 Marks	Analysis of data in Lab Report	Modern Tool Usage 5 Marks	Ethics and Safety 5 Marks	Individual and Team Work 5 Marks
Myesha Khalil	305093					
Noor Ansar	284825					

EXPERIMENT NO 5 Part-1: Introduction to VLANs

1. Objective

- · Create a basic switch configuration and verify it.
- Create two VLANs, name them and assign member ports to them.

2. Resources Required

- Computer
- Packet Tracer (version 5 or higher)
- ENSP

3. Introduction

When managing a switch, the Management Domain is always VLAN 1. The Network Administrator's workstation must have access to a port in the VLAN 1 Management Domain. All ports are assigned to VLAN 1 by default. This lab will also help demonstrate how VLANs can be used to separate traffic and reduce broadcast domains.

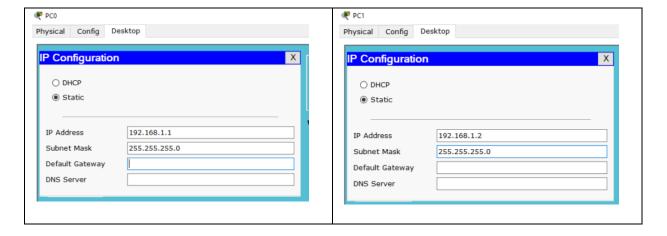
4. Procedure

Step 1 Configure the switch

Configure the hostname, access and command mode passwords, as well as the management LAN settings.

Step 2 Configure the hosts attached to the switch

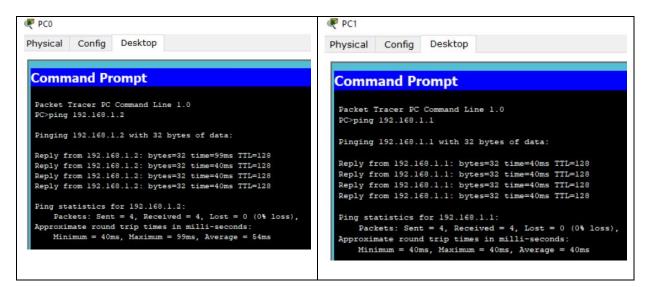
Configure the hosts to use the same subnet for the address, mask, and default gateway.





Step 3 Verify connectivity

- a. To verify that the host and switch are correctly configured, ping one host from the other.
- b. Was the ping successful? _____yes_____yes____



c. If the answer is no, troubleshoot the host and switch configurations.

Step 4 Show the IOS version

a. It is very important to know the version of the operating system. Differences between versions may change how commands are entered. Type the **show version** command at the user EXEC or privileged EXEC mode prompt as follows:

Switch_A#show version

b. What version of the switch IOS is displayed? _____version 12.1(22)_____

Step 5 Display the VLAN interface information

a. On the switch, type the command **show vlan** at the privileged EXEC prompt as follows:

Switch A#show vlan

Name				Sta	tus Po	Ports				
defau	lt			act:	ive F	a0/1,	Fa0/2, Fa	0/3, Fa	0/4	
					F	a0/5,	Fa0/6, Fa	0/7, Fa	0/8	
					F	a0/9,	Fa0/10, F	a0/11,	Fa0/12	
					F	a0/13,	Fa0/14,	Fa0/15,	Fa0/16	
					F	a0/17,	Fa0/18,	Fa0/19,	Fa0/20	
					F	a0/21,	Fa0/22,	Fa0/23,	Fa0/24	
fddi-	default			act	ive		1000			
token	-ring-defau	lt		act	ive					
fddin	et-default			act:	ive					
trnet	-default			act	ive					
Type	SAID	MTU	Parent	RingNo	BridgeN	Stp	BrdgMode	Transl	Trans2	
enet	100001	1500	-	-	-	-	-	0	0	
enet	101002	1500	-	-	-	-	-	0	0	
enet	101003	1500	-	-	-	-	-	0	0	
enet	101004	1500	-	_	-	_	_	0	0	
enet	101005	1500						0	0	
	fddi- token fddin trnet Type enet enet enet enet	fddi-default token-ring-default trnet-default trnet-default trnet 100001 enet 101002 enet 101003 enet 101004	fddi-default token-ring-default fddinet-default trnet-default Type SAID MTU	fddi-default token-ring-default fddinet-default trnet-default Type SAID MTU Parent	fddi-default act token-ring-default act fddinet-default act trnet-default act Type SAID MTU Parent RingNo	default active F.	default	default	default	

Step 6 Create and name two VLANs

Enter the following commands to create and name two VLANs:

Switch_A#vlan database

Switch_A(vlan)#vlan 2 name VLAN2

Switch_A(vlan)#vlan 3 name VLAN3

Switch_A(vlan)#exit

Step 7 Display the VLAN interface information

a. On Switch_A, type the command **show vlan** at the privileged EXEC prompt as follows:

Switch_A#show vlan

 b. Are there new VLANs in the list 	ing?	_yes
--	------	------

JLAN	Name				Stat	tus P	orts			
L	defau	 lt			act	ive F	a0/1.	Fa0/2, Fa	0/3. Fa	0/4
								Fa0/6, Fa		
								Fa0/10, F		
								Fa0/14,	STATE OF THE PARTY	
								Fa0/18.		
								Fa0/22.		
2	VLAN2				act		,,	140,00,	,,	,
2	VLANS				act	10.00				
5	100000000000000000000000000000000000000	default			act					
	token-ring-default				act					
	fddinet-default			act						
		-default			act					
1005	CINEC.	delault			act.	ive				
/LAN	Type	SAID	MTU	Parent	RingNo	BridgeN	o Stp	BrdgMode	Transl	Trans2
L	enet	100001	1500	-	_	_	_	-	0	0
2	enet	100002	1500	_	-	-	_	-	0	0
3	enet	100003	1500	-	_	-	-	-	0	0
1002	enet	101002	1500	_	_	-	-	-	0	0
1003	enet	101003	1500	9-	-	_	_	-	0	0
004	enet	101004	1500		_	_	_	_	0	0
	enet	101005	1500						0	0

Step 8 Assign ports to VLAN 2

Assigning ports to VLANs must be done from the interface mode. Enter the following commands to add port 2 to VLAN 2:

Switch_A#configure terminal

Switch_A(config)#interface fastethernet 0/2

Switch_A(config-if)#switchport mode access

Switch_A(config-if)#switchport access vlan 2

Switch_A(config-if)#end

Step 9 Display the VLAN interface information

a. On Switch_A, type the command **show vlan** at the privileged EXEC prompt as follows:

Switch_A#show vlan

VLAN	Name				Sta	tus P	orts			
1	defau	 lt			act:	ive F	a0/2,	Fa0/3, Fa	0/4, Fa	0/5
						F	a0/6,	Fa0/7, Fa	0/8, Fa	0/9
						F	a0/10,	Fa0/11,	Fa0/12,	Fa0/13
						F	a0/14,	Fa0/15,	Fa0/16,	Fa0/17
								Fa0/19,		
								Fa0/23,		
2	VLAN2				act		a0/1	,		
3	VLANS				act	Thomas are				
1002	fddi-	default			act	ive				
1003	token	-ring-defa	ault		act	ive				
		et-default			act					
		-default			act					
VLAN	Туре	SAID	MTU	Parent	RingNo	BridgeN	o Stp	BrdgMode	Transl	Trans2
1	enet	100001	1500	-	-	- 5	-	-	0	0
2	enet	100002	1500	-	-	-	-	-	0	0
3	enet	100003	1500	_	_	_	_	_	0	0
1002	enet	101002	1500	-	_	<u></u>	_	-	0	0
1003	enet	101003	1500	-	-	-	-	-	0	0
1004	enet	101004	1500	-	-	-	-	-	0	0
	enet	101005	1500	_	-		_	_	0	0

Step 10 Assign a port to VLAN 3

Assigning ports to VLANs must be done from the interface mode. Enter the following commands to add port 3 to VLAN3

Switch_A#configure terminal

Switch_A(config)#interface fastethernet 0/3

Switch_A(config-if)#switchport mode access

Switch_A(config-if)#switchport access vlan 3

Switch_A(config-if)#end

Step 11 Look at the VLAN interface information

a. On Switch_A, type the command **show vlan** at the privileged EXEC prompt as follows:

Switch_A#show vlan

- b. Is port 3 assigned to VLAN 3? ____yes____
- c. Is the port still listed in the default VLAN? _____no___no____

VLAN	Name		on all the sent through the		Star	tus I	Ports			
1	defau	lt			act:	ive E	a0/3,	Fa0/4, Fa	0/5, Fa	0/6
						E	a0/7,	Fa0/8, Fa	0/9, Fa	0/10
						F	a0/11,	Fa0/12,	Fa0/13,	Fa0/14
						E	a0/15,	Fa0/16,	Fa0/17,	Fa0/18
						F	a0/19,	Fa0/20,	Fa0/21,	Fa0/22
						I	a0/23,	Fa0/24		
2	VLAN2				act:	ive E	Ta0/1			
3	VLANS				act:	ive F	Ta0/2			
1002	fddi-	default			act:	ive				
1003	token	-ring-defa	ult		act:	ive				
1004	fddin	et-default			act:	ive				
1005	trnet	-default			act:	ive				
VLAN	Туре	SAID	MTU	Parent	RingNo	Bridgel	lo Stp	BrdgMode	Transl	Trans2
1		100001			_			-	0	0
		100002					_		0	0
							_		E11	
				-	_	_	_	_	0	0
1002	enet	101002	1500	-	-	-	-	-	0	0
Mo	ore	l								

Step 12 Look at only VLAN2 information

a. Instead of displaying all of the VLANs type the **show vlan id 2** command at the privileged EXEC mode prompt as follows:

Switch_A#show vlan id 2

VLAN	Name				Stat	tus	Ports					
2	VLAN2				act	ive	Fa0/1					
VLAN	Туре	SAID	MTU	Parent	RingNo	Bridge	No St	p	BrdgMode	Transl	Trans2	
2	enet	100002	1500	-	-	-	-		-	0	0	

Or

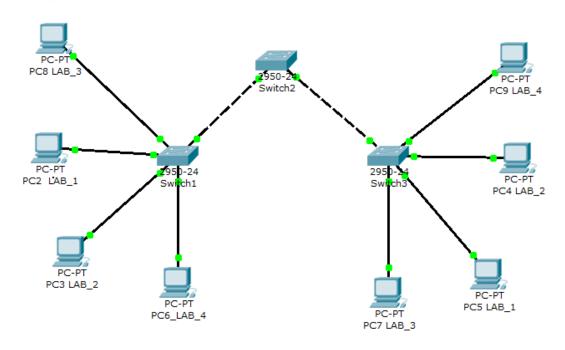
Switch_A#show vlan name VLAN2

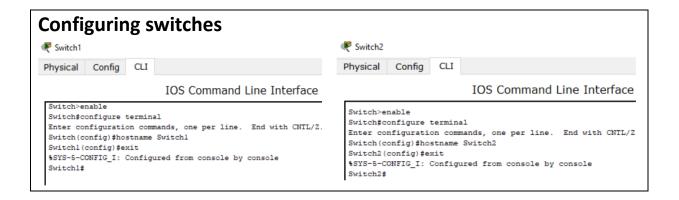
VLAN	Name .			Sta	tus	Ports					
2	VLAN2				act	ive	Fa	0/1			
VLAN	Type	SAID	MTU	Parent	RingNo	Bridge	No	Stp	BrdgMode	Transl	Trans2
2	enet	100002	1500	_	-	-		-	-	0	0

5. Student Activity

Now using above concept solve the below question.



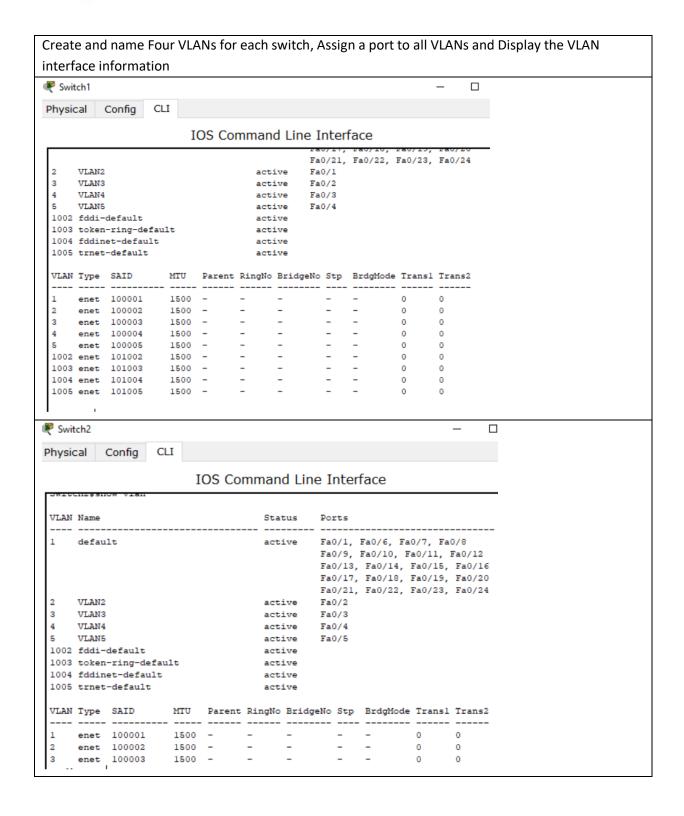




Configure the hosts attached to the switch & Verify connectivity

Ping within same switch is successful, whereas ping to a PC connected to another switch is not successful

```
acket Tracer PC Command Line 1.0
                                                         PC>ping 192.168.2.6
PC>ping 192.168.1.3
                                                         Pinging 192.168.2.6 with 32 bytes of data:
Pinging 192.168.1.3 with 32 bytes of data:
                                                         Request timed out.
Reply from 192.168.1.3: bytes=32 time=70ms TTL=128
                                                         Request timed out.
Reply from 192.168.1.3: bytes=32 time=40ms TTL=128
                                                         Request timed out.
Reply from 192.168.1.3: bytes=32 time=40ms TTL=128
                                                         Request timed out.
Reply from 192.168.1.3: bytes=32 time=40ms TTL=128
Ping statistics for 192,168,1,3:
                                                        Ping statistics for 192.168.2.6:
   Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
                                                            Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
pproximate round trip times in milli-seconds:
   Minimum = 40ms, Maximum = 70ms, Average = 47ms
```

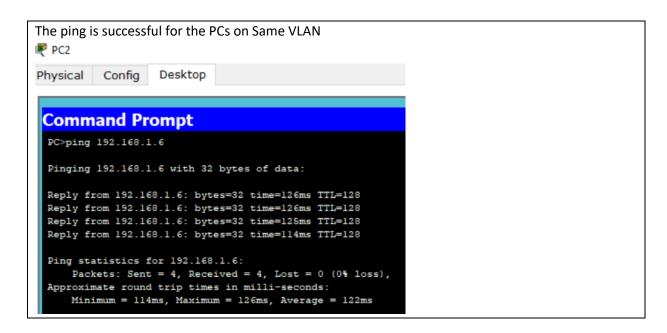




```
Trunk on both Switches

Switch1>EN
Switch1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch1(config)#interface fastethernet0/5
Switch1(config-if)#switchport mode trunk
Switch1(config-if)#end
%SYS-5-CONFIG_I: Configured from console by console

Switch2>en
Switch2#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch2(config)#interface fastethernet0/1
Switch2(config-if)#switchport mode trunk
Switch2(config-if)#rZ
%SYS-5-CONFIG_I: Configured from console by console
```



EXPERIMENT NO 5

Part-2: Introduction of Inter-VLAN

1. Objective

This lab exercise is designed for understanding Inter-VLAN routing...

2. Resources Required

- Computer
- Packet Tracer (version 5 or higher)
- ENSP

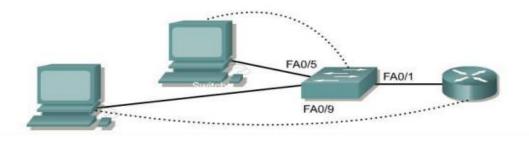
3. Introduction

This lab introduces Cisco IOS (Internetwork Operating System) which is the proprietary CLI (command line interface) based software empowering nearly all the Cisco devices. IOS is a package of routing, switching, internetworking and telecommunications functions tightly integrated with a multitasking operating system.

A broadcast domain is a logical division of a computer network, in which all nodes can reach each other by broadcast at the data link layer. A simple LAN is a single broadcast domain. To reduce the numbers of devices in a broadcast domain, we have to divide broadcast domain. VLAN serve for this purpose. The whole idea of VLAN technology is to divide LAN into logical, instead of physical, segments. VLANs are created at the Data Link layer so switches apply them to a network. Computers in different VLANs can't communicate with each other so Inter-VLAN routing is required for this purpose.

4. Procedure

1. Open Packet Tracer 5 and setup a network similar to the following network. Use Cisco 2950T switch & Cisco 1841 router.



2. Double click the switch and goto CLI tab. Follow the steps below to complete the lab. You can do the same using a PC if you use a **console** (one side is RS 232, other is RJ45—blue colored in Packet Tracer) cable for connection between PC and

Switch. Goto PC's desktop then Terminal (equivalent of HyperTerminal), accept the default settings and login to the Switch.

Step 1 Configure the switch

Configure the hostname, access, and command mode passwords.

Hostname is Switch A

Console, VTY, and enable passwords are cisco.

Enable secret password is class.

If problems occur while performing this configuration, refer to the Basic Switch Configuration lab.

Step 2 Configure the hosts attached to the switch

Configure the hosts using the following information.

a. For the host in port 0/5:

IP address 192.168.5.2

Subnet mask 255.255.255.0

Default gateway 192.168.5.1

b. For the host in port 0/9:

IP address 192.168.7.2

Subnet mask 255.255.255.0

Default gateway **192.168.7.1**

Step 3 Verify connectivity

a. Were the pings suc	cessiui?		
b. Why or why not?			

Step 4 Create and name two VLANs

Enter the following commands to create and name two VLANs:

Switch_A#vlan database

Switch_A(vlan)#vlan 10 name LAB_A

Switch_A(vlan)#vlan 20 name LAB_B

Switch_A(vlan)#exit

Another (newer) way of doing the same is by entering the following commands:

Switch_A(config)#vlan 10

Switch_A(config-vlan)#name LAB_A

Switch_A(config-vlan)#vlan 20 Switch_A(config-vlan)# name LAB_B

Step 5 Configure VTP protocol

Assigning ports to VLANs must be done from the interface mode. Enter the following commands to add port 0/5to VLAN 10:

Switch_A#configure terminal

Switch_A(config)#interface fastethernet 0/5

Switch_A(config-if)#switchport mode access

Switch_A(config-if)#switchport access vlan 10

Switch_A(config-if)#end

Step 6 Assign ports to VLAN 20

Enter the following commands to add port 0/9 to VLAN 20:

Switch_A#configure terminal

Switch_A(config)#interface fastethernet 0/9

Switch_A(config-if)#switchport mode access

Switch_A(config-if)#switchport access vlan 20

Switch_A(config-if)#end

Step 7 Display the VLAN interface information

a. On Switch_A, type the command **show vlan** at the privileged EXEC prompt as follows:

Switch A#show vI	lan
------------------	-----

b. Are there new VLANs in the listing?

Step 8 Display the VLAN interface information

a. On Switch_A, type the command **show vlan** at the privileged EXEC prompt as follows:

Switch_A#show vlan

b. Are ports assigned correctly? ______

Step 9 Create the trunk

On Switch_A, type the following commands at the Fast Ethernet 0/1 interface command prompt.

Switch_A(config)#interface fastethernet0/1
Switch_A(config-if)#switchport mode trunk
Switch_A(config-if)#end

Step 10 Configure the router

a. Configure the router with the following data. You may use the **config** tab. Note that, in order to support trunking and inter- VLAN routing, the router must have a Fast Ethernet interface.

Hostname is Router_A

Console, VTY, and enable passwords are cisco.

Enable secret password is class.

b. Then configure the Fast Ethernet interface using the following commands:

Router_A(config)#interface fastethernet 0/0

Router_A(config-if)#no shutdown

Router_A(config-if)#interface fastethernet 0/0.1

Router_A(config-subif)#encapsulation dot1q 10

Router_A(config-subif)#ip address 192.168.5.1 255.255.255.0

Router_A(config-if)#interface fastethernet 0/0.2

Router_A(config-subif)#encapsulation dot1q 20

Router_A(config-subif)#ip address 192.168.7.1 255.255.255.0

Router_A(config-subif)#end

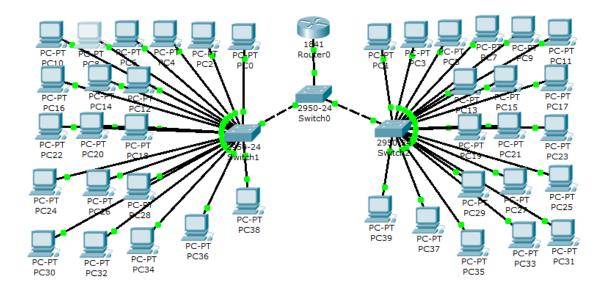
Step 11 Test the VLANS and the trunk

Ping from the host in Switch_A port 0/9 to the host in port 0/5.

a. Was the ping successful?	
	b. Why?

5. Student Activity

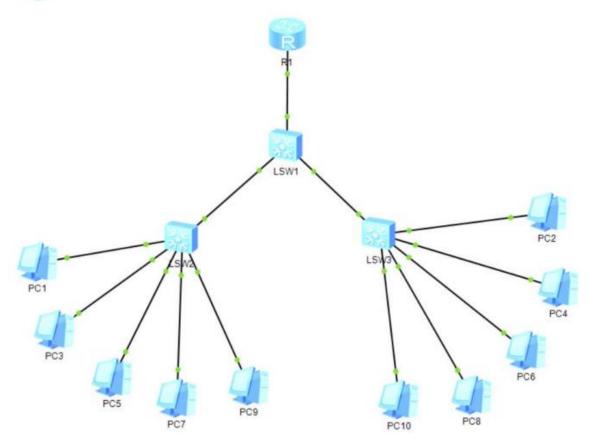
Now using above concept solve the below question.



PC#	VLAN	Network Address
PC0-PC4	10	192.168.1.0
PC5-PC9	15	192.168.2.0
PC10-PC14	20	192.168.3.0
PC15-PC19	30	192.168.4.0
PC20-PC24	35	192.168.5.0
PC25-PC29	40	192.168.6.0
PC30-PC34	50	192.168.7.0
PC35-39	70	192.168.8.0

6. Conclusions:





```
SW1 CONFIGURATION(Creating VLANs and Assigning Ports)
     Status
              Property
                            MAC-LRN Statistics Description
     enable
                            enable
                                     disable
                                                 VLAN 0001
             default
                                     disable
     enable
             default
                            enable
                                                 VLAN 0002
     enable default
                            enable disable
                                                 VLAN 0003
     enable default
                            enable disable
                                                 VLAN 0004
     enable
             default
                            enable
                                     disable
                                                VLAN 0005
     enable
              default
                            enable
                                     disable
                                                 VLAN 0006
```

SW2 CONFIGURATION (Creating VLANs and Assigning Ports)

```
hange loop count is 0, and the maximum number of recor
(SW2>display port vlan gigabitethernet 0/0/3
                   Link Type PVID Trunk VLAN List
igabitEthernet0/0/3 access
(SW2>display port vlan gigabitethernet 0/0/2
Port
                   Link Type PVID Trunk VLAN List
igabitEthernet0/0/2 access 2
(SW2>display port vlan gigabitethernet 0/0/4
                   Link Type PVID Trunk VLAN List
                   access 4
GigabitEthernet0/0/4
(SW2>display port vlan gigabitethernet 0/0/5
          Link Type PVID Trunk VLAN List
Port
igabitEthernet0/0/5 access 5
(SW2>display port vlan gigabitethernet 0/0/6
                   Link Type PVID Trunk VLAN List
SigabitEthernet0/0/6 access 6
CSW2>
VID Status Property MAC-LRN Statistics Description
    enable default
                        enable disable
                                           VLAN 0001
    enable default
                         enable disable
                                           VLAN 0002
    enable default
                        enable disable
                                           VLAN 0003
    enable default
                         enable disable
                                           VLAN 0004
    enable default
                         enable disable
                                           VLAN 0005
    enable default
                         enable disable
                                           VLAN 0006
[SW2]
```

Switch 2 Trunk



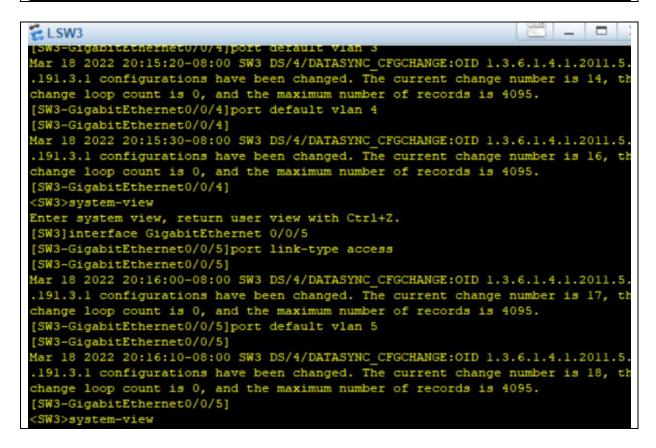
National University of Sciences and Technology (NUST) School of Electrical Engineering and Computer Science

```
18 2022 20:22:08-08:00 SW2 DS/4/DATASYNC CFGCHANGE:OID 1.3.6.1.4.1.20
.191.3.1 configurations have been changed. The current change number is 2
change loop count is 0, and the maximum number of records is 4095.3
[SW2-GigabitEthernet0/0/1]port trunk allow-pass vlan 3
[SW2-GigabitEthernet0/0/1]port trunk allow-pass vlan 4
[SW2-GigabitEthernet0/0/1]port trunk allow-pass vlan 5
[SW2-GigabitEthernet0/0/1]
Mar 18 2022 20:22:18-08:00 SW2 DS/4/DATASYNC CFGCHANGE:OID 1.3.6.1.4.1.20
.191.3.1 configurations have been changed. The current change number is 2
change loop count is 0, and the maximum number of records is 4095.
[SW2-GigabitEthernet0/0/1]port trunk allow-pass vlan 6
[SW2-GigabitEthernet0/0/1]
Mar 18 2022 20:22:28-08:00 SW2 DS/4/DATASYNC CFGCHANGE:OID 1.3.6.1.4.1.20
.191.3.1 configurations have been changed. The current change number is 2
change loop count is 0, and the maximum number of records is 4095.
[SW2-GigabitEthernet0/0/1]port trunk allow-pass vlan 3
[SW2-GigabitEthernet0/0/1]port trunk allow-pass vlan 4
[SW2-GigabitEthernet0/0/1]display port vlan gigabitethernet 0/0/1
                                    PVID Trunk VLAN List
                        Link Type
GigabitEthernet0/0/1
                                           1-6
                        trunk
[SW2-GigabitEthernet0/0/1]
```

```
Switch 3 Trunk
LSW3
.191.3.1 configurations have been changed. The current change number is 24, the
change loop count is 0, and the maximum number of records is 4095.
[SW3-GigabitEthernet0/0/1]port trunk allow-pass vlan 4
[SW3-GigabitEthernet0/0/1]
Mar 18 2022 20:27:40-08:00 SW3 DS/4/DATASYNC CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
.191.3.1 configurations have been changed. The current change number is 25, th
change loop count is 0, and the maximum number of records is 4095.
[SW3-GigabitEthernet0/0/1]port trunk allow-pass vlan 5
[SW3-GigabitEthernet0/0/1]
Mar 18 2022 20:27:50-08:00 SW3 DS/4/DATASYNC CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
.191.3.1 configurations have been changed. The current change number is 26, th
change loop count is 0, and the maximum number of records is 4095.
[SW3-GigabitEthernet0/0/1]port trunk allow-pass vlan 6
[SW3-GigabitEthernet0/0/1]
Mar 18 2022 20:28:00-08:00 SW3 DS/4/DATASYNC CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
.191.3.1 configurations have been changed. The current change number is 27, th
change loop count is 0, and the maximum number of records is 4095.
<SW3>system-view
Enter system view, return user view with Ctrl+Z.
[SW3]display port vlan gigabitethernet 0/0/1
                        Link Type PVID Trunk VLAN List
GigabitEthernet0/0/1
                       trunk
```



```
SW3 CONFIGURATION(Creating VLANs and Assigning Ports)
                            MAC-LRN Statistics Description
VID
     Status
             Property
                                               VLAN 0001
     enable default
                            enable disable
                                               VLAN 0002
     enable default
                            enable disable
     enable default
                            enable disable
                                               VLAN 0003
                                               VLAN 0004
     enable default
                            enable disable
     enable default
                            enable disable
                                               VLAN 0005
                                               VLAN 0006
     enable default
                            enable disable
[SW3]
```



```
change loop count is 0, and the maximum number of records is 4095.
(SW3>system-view
Enter system view, return user view with Ctrl+Z.
[SW3]display port vlan GigabitEthernet 0/0/2
                      Link Type PVID Trunk VLAN List
SigabitEthernet0/0/2
                    access 2
[SW3]display port vlan GigabitEthernet 0/0/3
                     Link Type PVID Trunk VLAN List
igabitEthernet0/0/3
                    access
                                 3
[SW3]display port vlan GigabitEthernet 0/0/4
                      Link Type PVID Trunk VLAN List
GigabitEthernet0/0/4
                      access
[SW3]display port vlan GigabitEthernet 0/0/5
ort
                      Link Type PVID Trunk VLAN List
SigabitEthernet0/0/5 access
[SW3]display port vlan GigabitEthernet 0/0/6
                     Link Type PVID Trunk VLAN List
Port
igabitEthernet0/0/6
                      access
                                 6
SW3]
```

```
Switch 3 Trunk
[SW1-GigabitEthernet0/0/1]
4ar 18 2022 20:30:08-08:00 SW1 DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
.191.3.1 configurations have been changed. The current change number is 13, the
change loop count is 0, and the maximum number of records is 4095.
[SW1-GigabitEthernet0/0/1]port trunk allow-pass vlan 5
[SW1-GigabitEthernet0/0/1]
Mar 18 2022 20:30:18-08:00 SW1 DS/4/DATASYNC CFGCHANGE:0ID 1.3.6.1.4.1.2011.5.
.191.3.1 configurations have been changed. The current change number is 14, the
change loop count is 0, and the maximum number of records is 4095.
[SW1-GigabitEthernet0/0/1]port trunk allow-pass vlan 6
[SW1-GigabitEthernet0/0/1]
4ar 18 2022 20:30:28-08:00 SW1 DS/4/DATASYNC CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
.191.3.1 configurations have been changed. The current change number is 15, th
change loop count is 0, and the maximum number of records is 4095.
<SW1>system-view
Enter system view, return user view with Ctrl+Z.
[SW1]dispaly port vlan gigabitethernet 0/0/1
Error: Unrecognized command found at '^' position.
[SW1]display port vlan gigabitethernet 0/0/1
                        Link Type PVID Trunk VLAN List
SigabitEthernet0/0/1
                      trunk
                                           1-6
```



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