

NAMA : NOVERA DYAH A.
NIM : L200180026
KELAS : B

TUGAS MODUL 4

TUGAS 6.A

```
Switch#show vlan id 10
```

VLAN Name	Status	Ports
10 zodiak1	active	Fa0/1, Fa0/4

VLAN Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode
Trans1	Trans2						
10	enet	100010	1500	-	-	-	-
0							0

```
Switch#
```

NO	VARIABEL	NILAI
1.	Nomor VLAN	10
2.	Nama VLAN	Zodiak1
3.	Port	Fa 0/1, Fa 0/4
4.	Status	Active

```
Switch#show vlan id 20
```

VLAN Name	Status	Ports
20 zodiak2	active	Fa0/2, Fa0/5

VLAN Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode
Trans1	Trans2						
20	enet	100020	1500	-	-	-	-
0							0

```
Switch#
```

NO	VARIABEL	NILAI
1.	Nomor VLAN	20
2.	Nama VLAN	Zodiak2
4.	Port	Fa 0/2, Fa 0/5
4.	Status	Active

```
Switch#show vlan id 30
```

VLAN Name	Status	Ports
30 zodiak3	active	Fa0/3, Fa0/6

VLAN Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode
Trans1	Trans2						
30	enet	100030	1500	-	-	-	0

```
Switch#
```

NO	VARIABEL	NILAI
1.	Nomor VLAN	30
2.	Nama VLAN	Zodiak3
5.	Port	Fa 0/3, Fa 0/6
4.	Status	Active

TUGAS 6.B

Penjelasan :

TUGAS 7A

The screenshot shows a Packet Tracer PC Command Line window for a device named 'Leo'. The window has tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying a Command Prompt window. The Command Prompt shows the output of a ping command to 172.21.3.4, which failed with 100% loss.

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.21.3.4

Pinging 172.21.3.4 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.3.4:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>|
```

TUGAS 8A

SW2

Physical Config **CLI** Attributes

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/7,
changed state to up

Switch>enable
Switch#
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#interface FastEthernet0/7
Switch(config-if)#switchport mode trunk
Switch(config-if)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
show vlan
```

VLAN Name	Status	Ports
1 default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4, Fa0/5, Fa0/6, Fa0/8, Fa0/9, Fa0/10, Fa0/11, Fa0/12, Fa0/13

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

SW2

Physical Config **CLI** Attributes

IOS Command Line Interface

```
Fa0/20, Fa0/21
Fa0/24
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active
```

VLAN	Type	SAID	Transl	Trans2	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode
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										

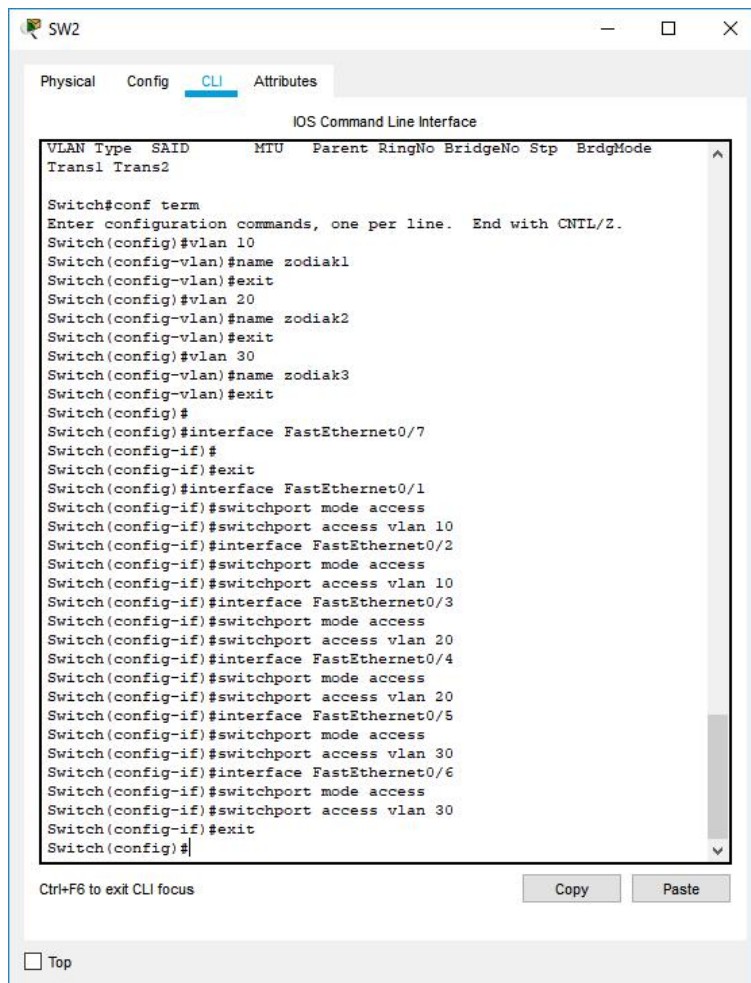
--More--

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

TUGAS 10A



The screenshot shows a network switch configuration window titled "SW2". The "CLI" tab is selected, displaying the "IOS Command Line Interface". The interface shows a list of VLANs and their configurations. Below the VLAN list, the configuration commands for the switch are displayed in a text area. The commands configure three VLANs (10, 20, 30) with names "zodiak1", "zodiak2", and "zodiak3" respectively. Then, the configuration moves to the interfaces, setting FastEthernet0/1 through FastEthernet0/6 to access mode and assigning them to the respective VLANs. The configuration ends with the "Switch(config)#" prompt.

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode
Transl	Trans2							

```
Switch#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 10
Switch(config-vlan)#name zodiak1
Switch(config-vlan)#exit
Switch(config)#vlan 20
Switch(config-vlan)#name zodiak2
Switch(config-vlan)#exit
Switch(config)#vlan 30
Switch(config-vlan)#name zodiak3
Switch(config-vlan)#exit
Switch(config)#
Switch(config)#interface FastEthernet0/7
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/1
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#interface FastEthernet0/2
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#interface FastEthernet0/3
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 20
Switch(config-if)#interface FastEthernet0/4
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 20
Switch(config-if)#interface FastEthernet0/5
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 30
Switch(config-if)#interface FastEthernet0/6
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 30
Switch(config-if)#exit
Switch(config)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

Leo

Physical Config **Desktop** Programming Attributes

Command Prompt

```
C:\>ping 172.21.1.2

Pinging 172.21.1.2 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.1.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 172.21.1.3

Pinging 172.21.1.3 with 32 bytes of data:

Reply from 172.21.1.3: bytes=32 time=51ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 172.21.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 51ms, Average = 12ms

C:\>ping 172.21.3.4

Pinging 172.21.3.4 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.3.4:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

Libra

Physical Config **Desktop** Programming Attributes

Command Prompt

```
C:\>ping 172.21.2.3

Pinging 172.21.2.3 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.2.3:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 172.21.1.1

Pinging 172.21.1.1 with 32 bytes of data:

Reply from 172.21.1.1: bytes=32 time=1ms TTL=128
Reply from 172.21.1.1: bytes=32 time<1ms TTL=128
Reply from 172.21.1.1: bytes=32 time<1ms TTL=128
Reply from 172.21.1.1: bytes=32 time=3ms TTL=128

Ping statistics for 172.21.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>
```

☐ Top

TUGAS 12A

Penjelasan :

Dari hasil yang diperoleh bahwa akan mendapatkan hasil reply apabila pc berada pada jaringan dan vlan yang sama. Sedangkan apabila hanya sama dari salah satu vlan atau jaringan maka hasilnya juga akan RTO.