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KELAS : D

TUGAS PRAKTIKUM JARINGAN KOMPUTER MODUL 4

TUGAS 6A

N O	Variabel	Nilai
1	Nomor VLAN	10
2	Nama VLAN	Zodiak1
3	Port	Fa 0/1 , Fa 0/4
4	Status	Active

NO	Variable	Nilai
1	Nomor VLAN	20
2	Nama VLAN	Zodiak2
3	Port	Fa 0/2, Fa 0/5
4	Status	Active

NO	Variable	Nilai
1	Nomor VLAN	20
2	Nama VLAN	Zodiak2
3	Port	Fa 0/2, Fa 0/5
4	Status	Active

TUGAS 6B LANJUTAN PENJELASAN DARI 6A

Pada setiap pc sudah dikelompokkan pada vlan 10, 20 dan 30.

- Pada vlan 10 dengan nama 'zodiak1' yaitu leo(Fa 0/1) dan libra(Fa 0/4) dengan status aktif.
- Pada vlan 20 dengan nama 'zodiak2' yaitu aries(Fa 0/2) dan taurus(Fa 0/5) dengan status aktif.
- Pada vlan 30 dengan nama zodiak3 yaitu virgo(Fa 0/3) dan scorpio(Fa 0/6) dengan status aktif

Tugas 7A jelaskan konfigurasi trunking switch 1

The screenshot displays the CLI of a network switch (Switch1) with the following configuration and output:

```
Switch1#show int trunk
Switchport: Enabled
Administrative Mode: static access
Operational Mode: static access
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: native
Negotiation of Trunking: OFF
Access Mode VLAN: 10 (zodiak1)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Trunking VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
Appliance trust: none

Switch1#show int trunk
Port      Mode      Encapsulation  Status        Native vlan
Fa0/24    on        802.1q         trunking      1

Port      Vlans allowed on trunk
Fa0/24    1-1005

Port      Vlans allowed and active in management domain
Fa0/24    1,10,20,30

Port      Vlans in spanning tree forwarding state and not pruned
Fa0/24    1,10,20,30

Switch1#
```

Below the CLI output, the 'show vlan' command is executed, displaying the following table:

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
10 zodiak1	active	Fa0/1, Fa0/4
20 zodiak2	active	Fa0/2, Fa0/5
30 zodiak3	active	Fa0/3, Fa0/6
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trinet-default	active	

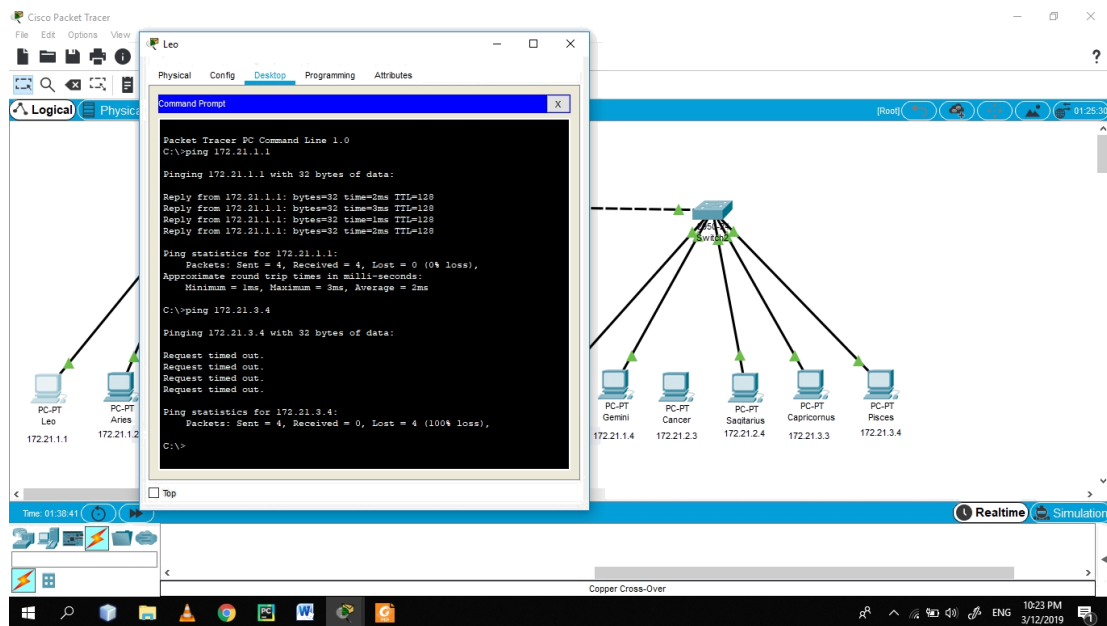
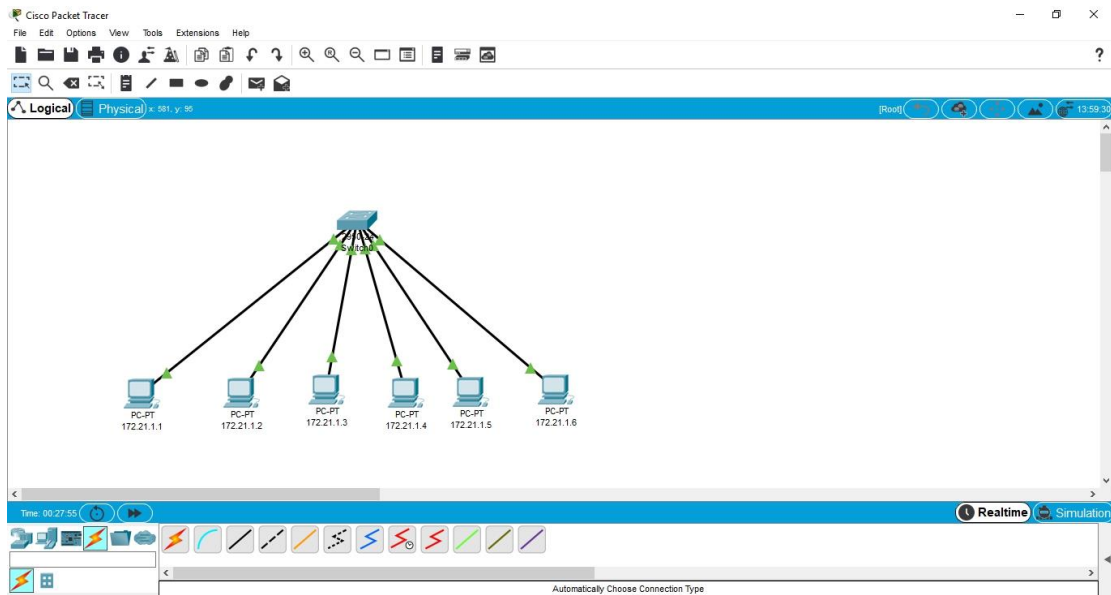
The 'show vlan' command also displays a table of VLAN types and their associated ports:

VLAN Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BridgMode	Trans1	Trans2
1	enat	100001	1500	-	-	-	-	0	0
10	enat	100010	1500	-	-	-	-	0	0
20	enat	100020	1500	-	-	-	-	0	0
30	enat	100030	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

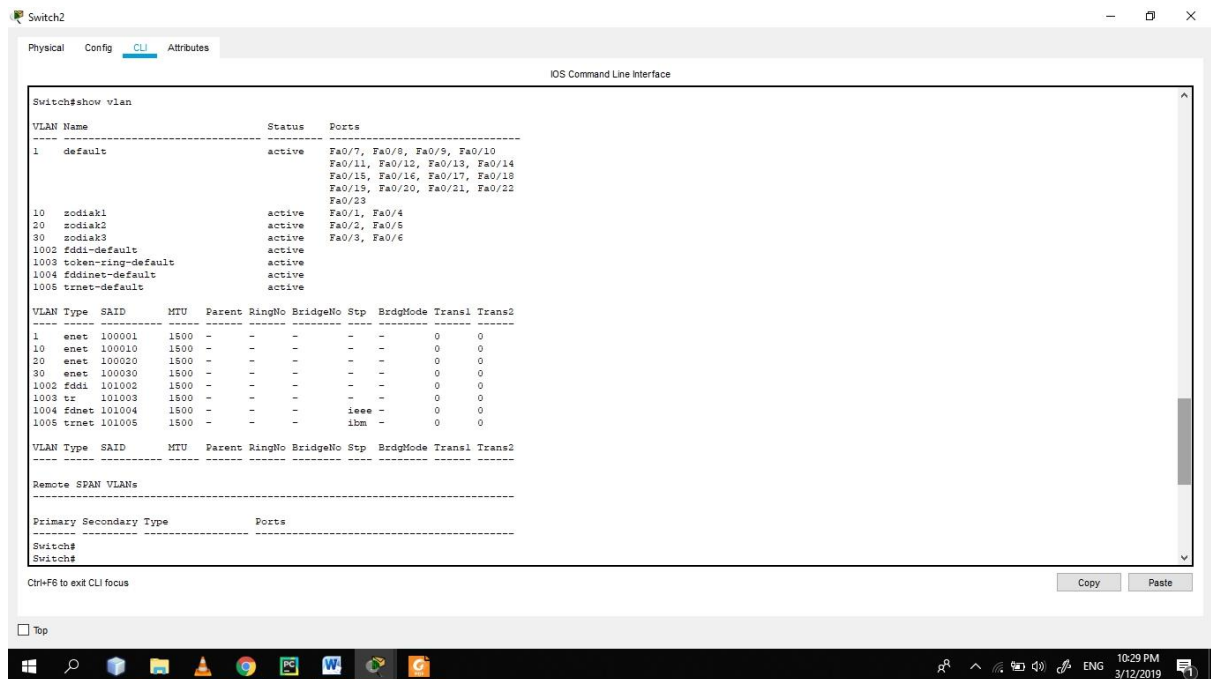
The 'show vlan' command also displays a table of Remote SPAN VLANs:

Primary	Secondary	Type	Ports
Switch>			
Switch>			
Switch>			

Tugas 8A jelaskan Ping Pc Leo e Pc Pisces mengapa bisa reply



Tugas 10A jelaskan konfigurasi trunking pada switch 2



Pada gambar diatas menunjukan bahwa status dari semua vlan active.

Tugas 12A jelaskan Ping Pc

- Ping Pc Leo ke Pc Aries : mengalami Request timed out
- Ping Pc Leo ke Pc Aquarius : mengalami Request timed out
- Ping Pc Leo ke Pc Pisces : mengalami Request timed out
- Ping Pc Libra ke Pc Cancer : mengalami Request timed out
- Ping Pc Libra ke Pc Leo : mengalami Replay

