

## TUGAS MODUL 4 PRAKTIKUM JARINGAN KOMPUTER

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Kelas : D

Modul : 4

### Tugas 6A

```
Switch>show vlan id 10
```

VLAN	Name	Status	Ports
10	zodiak1	active	Fa0/2, Fa0/5

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

Nomor VLAN : 10

Nama : zodiak1

Port : Fa 0/2 , Fa 0/5

Status : Active

```
Switch>show vlan id 20
```

VLAN	Name	Status	Ports
20	zodiak2	active	Fa0/3, Fa0/6

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

Nomor VLAN : 20

Nama : zodiak2

Port : Fa 0/3 , Fa 0/6

Status : Active

```
Switch>show vlan id 30
```

VLAN	Name	Status	Ports
30	zodiak3	active	Fa0/4, Fa0/7

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

Nomor VLAN : 30  
Nama : zodiak3  
Port : Fa 0/4 , Fa 0/7  
Status : Active

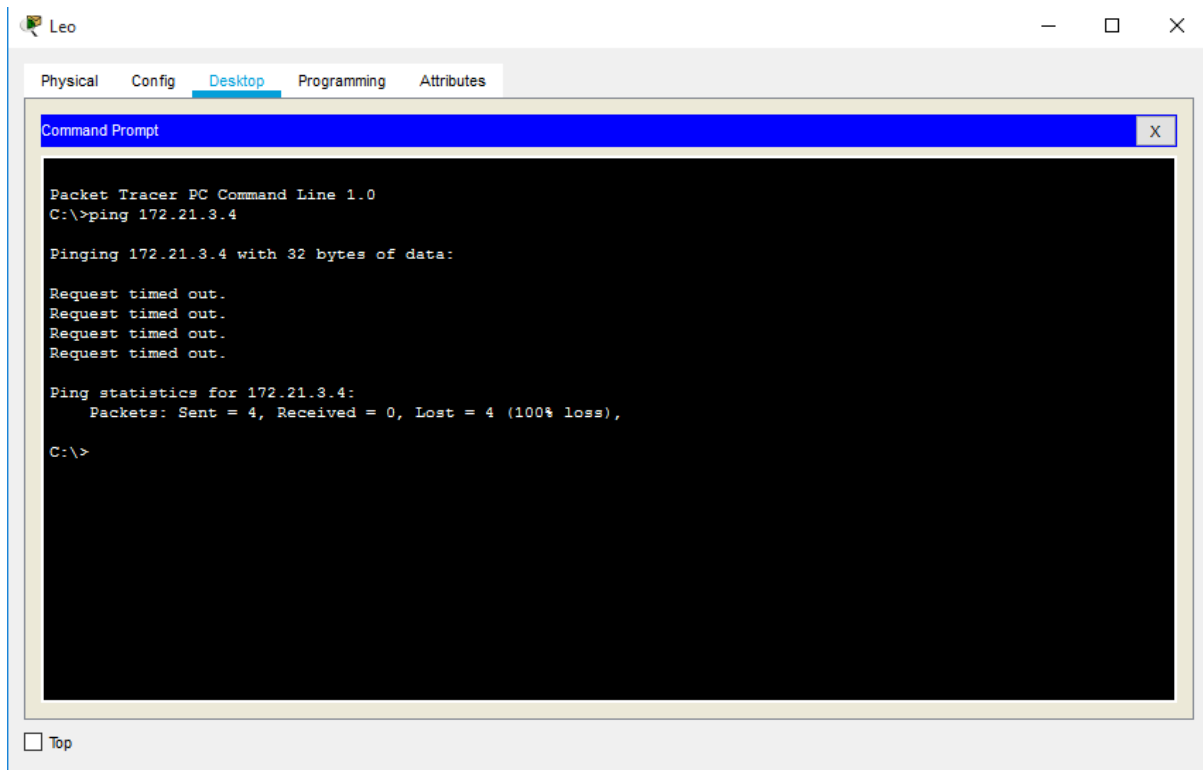
### Tugas 6B

Yang saya dapat dari 6A adalah nomor vlan yang saya buat menggunakan vlan 10, vlan 20, vlan 30 dengan nama zodiak1, zodiak2, zodiak3, dengan memasukan port yang berjumlah 6 di bagi masing-masing dua port. Menggunakan switchport mode access lalu switchport access vlan 10 dan ketik interface FastEthernet 0/1.

### Tugas 7A

Hasil dari konfigurasi Trunk di switch satu dan switch dua adalah mengaktifkan switch port Fa 0/1 (port yang digunakan untuk truk ) dan Administrative Mode mejadi trunk serta Operational Mode trunk.

### Tugas 8A



Hasil dari pc leo ke pc pisces berstatus TRO di karenakan belum di konfigurasinya Trunking di switch 2.

## Tugas 10A

```
Switch#show vlan brief
```

VLAN Name	Status	Ports
1 default	active	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, Fa0/24
10 zodiak1	active	Fa0/2, Fa0/3
20 zodiak2	active	Fa0/4, Fa0/5
30 zodiak3	active	Fa0/6, Fa0/7
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

Switch#

Setelah melakukan konfigurasi port pada switch 2 dan konfigurasi trunking, maka port masuk ke dalam VLAN zodiak1, zodiak2, zodiak3 yang telah ditentukan.

## Tugas 12A

Ping PC Leo ke PC Aries

```
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),
```

Ping PC Leo ke PC Aquarius

```
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=12ms 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 = 12ms, Average = 3ms
```

Ping PC Leo ke PC Pisces

```
C:\>
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),
```

Ping PC Libra ke PC Cancer

```
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),
```

Ping PC Libra ke PC Leo

```
C:\>ping 172.21.1.1

Pinging 172.21.1.1 with 32 bytes of data:

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

Ping statistics for 172.21.1.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```