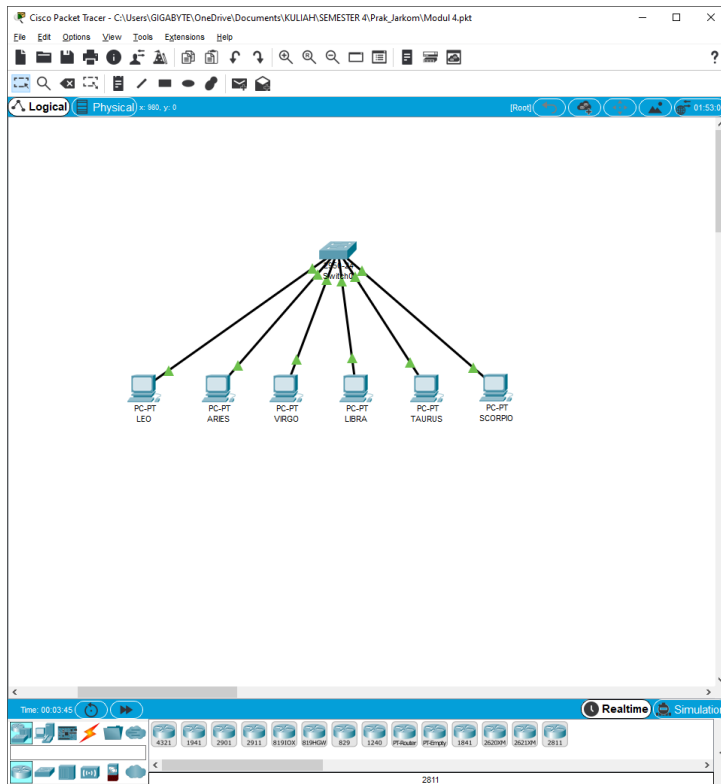


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## 1. Kegiatan 1. Topologi 1



Konfigurasi masing masing pc

PC Name	Interface	IP Address	Subnet Mask	Default Gateway	DNS Server
LEO	FastEthernet0	172.21.1.1	255.255.0.0	0.0.0.0	0.0.0.0
ARES	FastEthernet0	172.21.1.2	255.255.0.0	0.0.0.0	0.0.0.0
VIRGO	FastEthernet0	172.21.1.3	255.255.0.0	0.0.0.0	0.0.0.0
LIBRA	FastEthernet0	172.21.1.4	255.255.0.0	0.0.0.0	0.0.0.0
TAURUS	FastEthernet0	172.21.1.5	255.255.0.0	0.0.0.0	0.0.0.0
SCORPIO	FastEthernet0	172.21.1.6	255.255.0.0	0.0.0.0	0.0.0.0

## Konfigurasi pada switch dan konfigurasi port port switch

```
Physical Config CLI Attributes
IOS Command Line Interface

Switch>enable
Switch#conf t
Configuring from terminal, memory, or network [terminal]?
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 FastEthernet0/1
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#interface FastEthernet0/4
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/2
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 20
Switch(config-if)#interface FastEthernet 0/5
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 20
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/3
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)#
Switch(config)#interface FastEthernet0/1
Switch(config-if)#
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/1
Switch(config-if)#exit
Switch(config)#exit

Ctrl+F6 to exit CLI focus
```

## Melihat Konfigurasi VLAN yang telah dibuat

```
Physical Config CLI Attributes
IOS Command Line Interface

Switch>enable
Switch#show vlan brief

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, Fa0/24
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 trnet-default          active
Switch#show vlan id 1

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, Fa0/24

VLAN Type  SAID      MTU   Parent RingNo BridgeNo Stp  BrdgMode Transl Trans2
-----
1    enet  100001   1500   -    -    -    -    -    0      0

Switch#show vlan id 2
VLAN id 2 not found in current VLAN database
Switch#show vlan id 3
VLAN id 3 not found in current VLAN database
Switch#show vlan id 4
VLAN id 4 not found in current VLAN database
Switch#show vlan id 10
```

Physical
Config
CLI
Attributes

IOS Command Line Interface

```

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 Transl Trans2
-----
10  enet  100010   1500    -      -      -      -      -      0      0

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 Transl Trans2
-----
20  enet  100020   1500    -      -      -      -      -      0      0

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 Transl Trans2
-----
30  enet  100030   1500    -      -      -      -      -      0      0

Switch#

Switch con0 is now available

Ctrl+F6 to exit CLI focus

```

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Tugas 6A :

No.	Variabel	Nilai
1	Nomor VLAN	10
2	Nama VLAN	Zodiak1
3	Port	Fa0/1, Fa0/4
4	Status	active

No.	Variabel	Nilai
1	Nomor VLAN	20
2	Nama VLAN	zodiak2
3	Port	Fa0/2, Fa0/5
4	Status	active

No.	Variabel	Nilai
1	Nomor VLAN	30
2	Nama VLAN	zodiak3
3	Port	Fa0/3, Fa0/6
4	Status	active

Tugas 6B :

i 6A yaitu configuration yang kita lakukan telah menjadikan 3 id vlan yang terdiri dari zodiak1(10), zodiak2(20), zodiak3(30) dan masing-masing id vlan diisi dengan 2 port (PC) dan semua vlan statusnya telah aktif.