

Computer Networks Practicum 4



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INFORMATION TECHNOLOGY

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Assignment

Modul 4

1. Assignment 6A

No	Variab	Nil
1	Nomor VLAN	10
2	Nama VLAN	Zodiak1
3	Port	Fa 0/1, fa 0/4
4	Status	Active

No	Variab	Nil
1	Nomor VLAN	20
2	Nama VLAN	Zodiak2
3	Port	Fa 0/2, fa 0/5
4	Status	Active

No	Variab	Nil
1	Nomor VLAN	30
2	Nama VLAN	Zodiak3
3	Port	Fa 0/3, fa 0/6
4	Status	Active

2. Assignment 6B

That every 6 computers are divided into 3 VLANs with different names, zodiac1, zodiac2, and zodiac3. Where numbers from Vlan 10, 20, and 30, and Vlan 10 have ports Fa 0/1 (Leo) and Fa 0/4 (Libra), Vlan 20 have ports Fa 0/2 (Aries) and Fa 0/5 (Taurus), and Vlan 30 has ports Fa 0/3 (Virgo) and Fa 0/6 (Scorpio), and all VLANs are active.

3. Assignment 7A

The results shown above show that VLANs on ports 0/1 through 0/6 are already configured and connected and have also been trunked on ports 0/24.

4. Assignment 8A

Ping gets the result of timed out because on switch 2 an interface has not been made which is used as a link to switch 1.

5. Assignment 10A

The results shown above show that VLANs on ports 0/1 through 0/6 are already configured and connected and have also been trunked on port 0/24, because on switch 2 an interface has been created to connect.

6. Assignment 12A

Ping on PC Leo to PC Aries, PC Leo on Aquarius PC, PC Leo on PC Pisces, Pinging with different Vlan and different switches is not possible, even though it has been helped by Trunking, even though it is possible to ping the same Vlan.