LAPORAN PRAKTIKUM 6 Jaringan Komputer



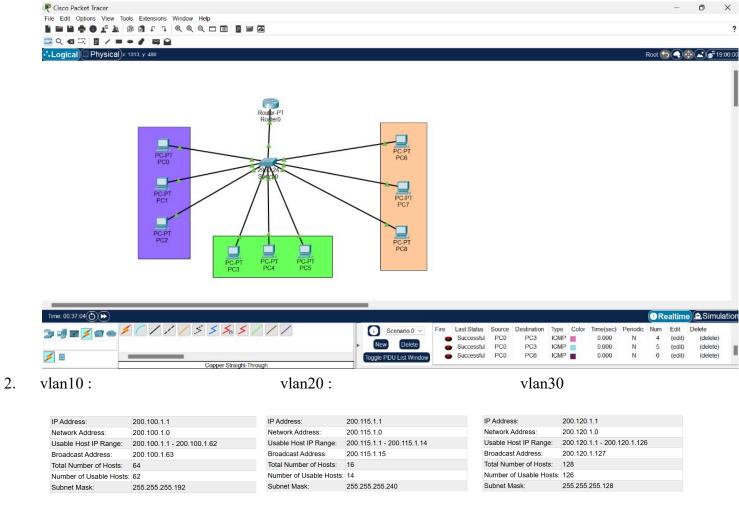
Disusun Oleh:

Nama: Taufan Ali

NIM: 2215016135

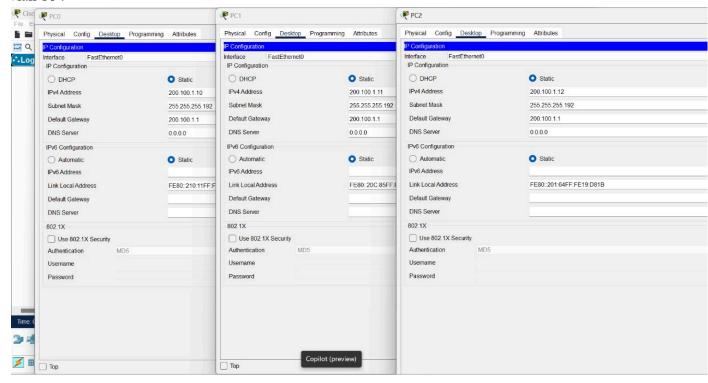
PROGRAM STUDI SISTEM INFORMASI
FAKULTAS SAINS DAN TEKNOLOGI TERAPAN
UNIVERSITAS AHMAD DAHLAN
2024

1. Buat jaringan dengan 9 client pc menggunakan 1 switch dan 1 router. Blok warna ungu merupakan vlan 10, blok hijau merupakan vlan 20, sedangkan blok cream merupakan vlan 30

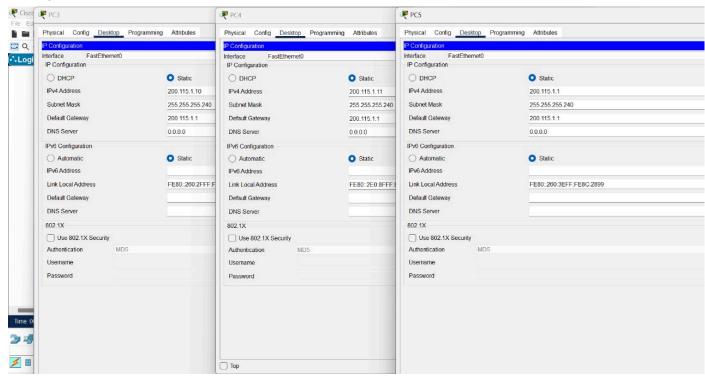


3. Beri masing masing client pada switch menggunakan IP STATIS dengan ip dengan keterangan sebagai berikut :

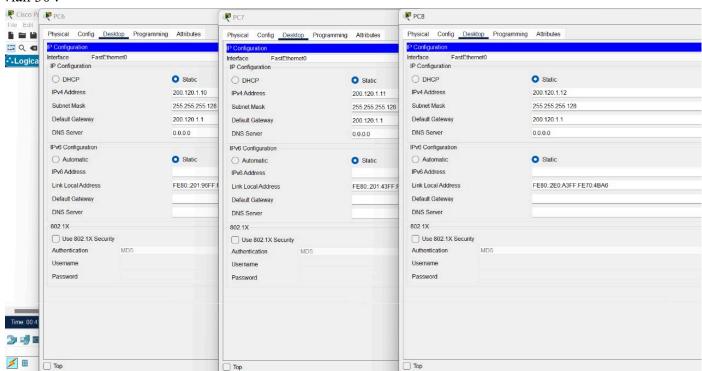
vlan 10:



vlan 20:

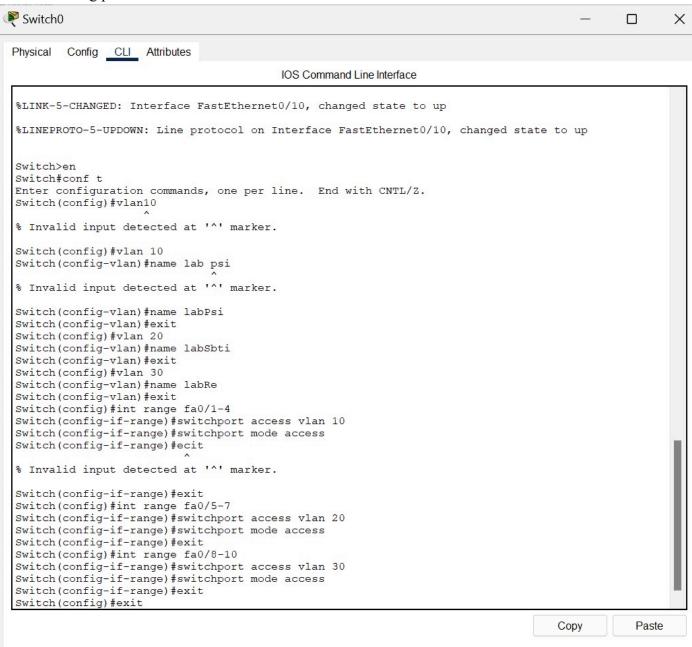


vlan 30:



4. Lakukan setting pada switch:

Ton

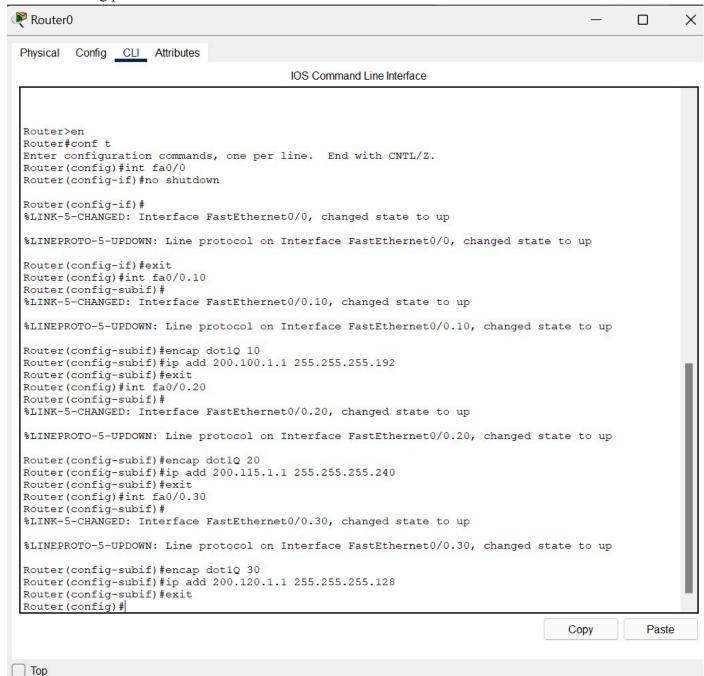


```
Switch(config)#int fa0/1
Switch(config-if) #switchport mode trunk
Switch(config-if) #no shutdown
Switch (config-if) #exit
Switch (config) #exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
Switch#show vlan
                                                  Status Ports
VLAN Name
                                                  active Fa0/11, Fa0/12, Fa0/13, Fa0/14
Fa0/15, Fa0/16, Fa0/17, Fa0/18
1 default
                                                 Fa0/19, Fa0/20, Fa0/21, Fa0/22
Fa0/23, Fa0/24
active Fa0/1, Fa0/2, Fa0/3, Fa0/4
active Fa0/5, Fa0/6, Fa0/7
active Fa0/8, Fa0/9, Fa0/10
10 labPsi
20 labSbti
30 labRe
1002 fddi-default
                                                  active
1003 token-ring-default
                                                  active
1004 fddinet-default
                                                 active
1005 trnet-default
                                                  active
VLAN Type SAID
                          MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
1 enet 100001 1500 -
10 enet 100010 1500 -
20 enet 100020 1500 -
30 enet 100030 1500 -
1002 fddi 101002 1500 -
--More--
                                                                                   0 0
                                                                                              0 0
                                                                   28
                                                                                     0
                                                                                               0
```

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5. Lakukan setting pada router:



6. Cek dengan mengirimkan paket :

Fire	Last Status	Source	Destination	Туре	Color	Time(sec)	Periodic	Num	Edit	Delete	
	Successful	PC0	PC3	ICMP		0.000	N	4	(edit)	(delete)	
	Successful	PC0	PC3	ICMP		0.000	N	5	(edit)	(delete)	
	Successful	PC0	PC6	ICMP		0.000	N	6	(edit)	(delete)	