NAMA : HANAN ASKARIM

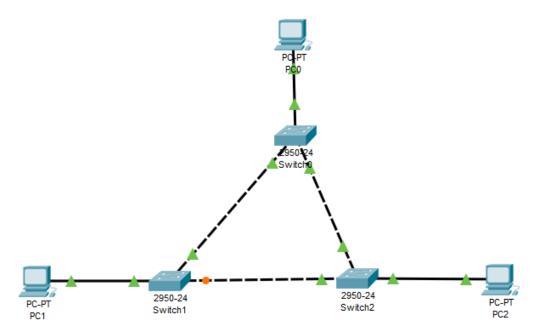
NIM : L200180170

KELAS : D

LAPORAN PRAKTIKUM MODUL 6

Kegiatan 1

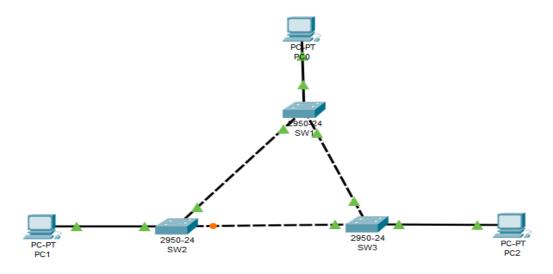
a. Membuat topologi jaringan dengan menggunakan switch Catalyst 2950



Tugas 1A:

- membuka jendela awal cisco Packet Tracer
- mengklik icon switch dan drag ke halaman kerja
- mengklik icon computer dan drag ke halaman kerja
- setelah semuanya tersedia lalu menyambungkan computer ke switch dan menyambungkan switch ke switch dengan mengklik kabel straight
- setelah itu memasang kabel cross untuk menyambungkan computer ke switch dan lainnya

b. beri nama masing-masing switch dengan SW1, SW2, dan SW3



Tugas 2A:

SW 1

Switch>enable

Switch#conf

Enter configuration commands, one per line. End with CNTL/Z

Switch(config)#hostname SW1

SW1#end

SW2

Switch>enable

Switch#conf

Enter configuration commands, one per line. End with CTNL/Z

Switch(config)#hostname SW2

SW2#end

SW3

Switch>enable

Switch#conf

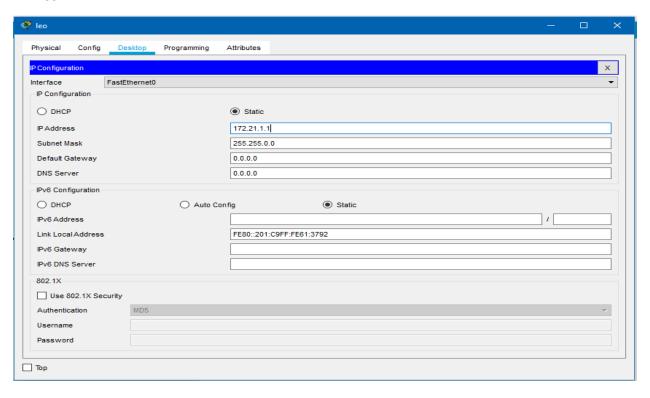
Enter configuration commands, one per line. End with CTNL/Z

Switch(config)#hostname SW3

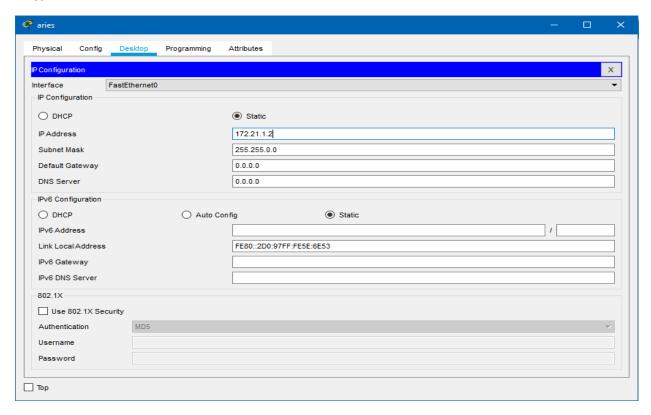
SW3#end

c. konfigurasi masing-masing PC dengan alamat IP

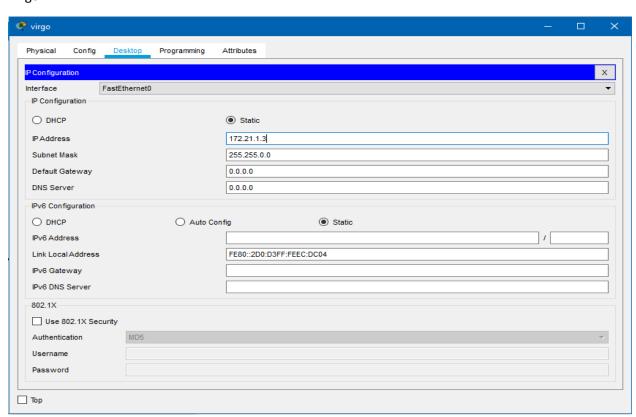
Leo



Aries

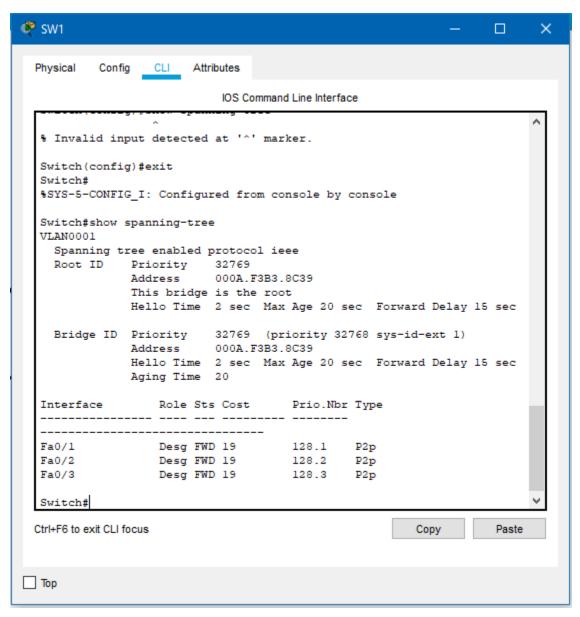


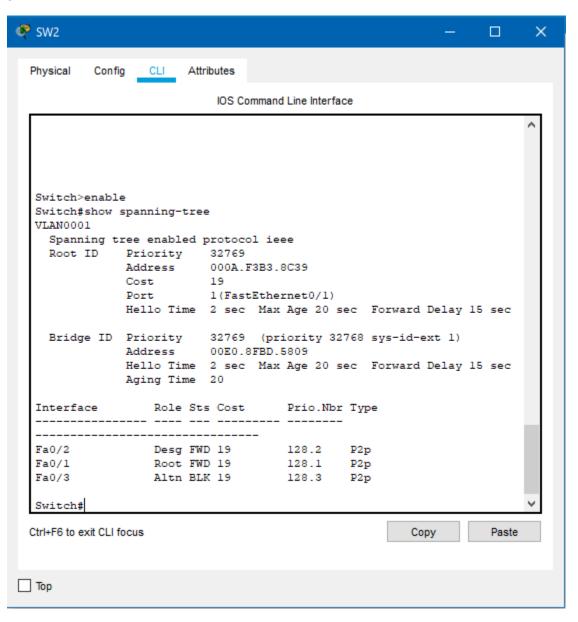
Virgo

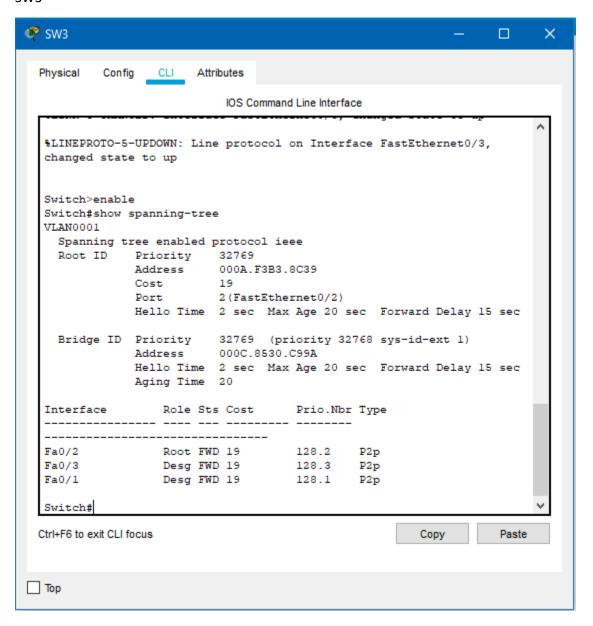


d. pada mode user atau mode privileged, lihat status STP pada masing-masing switch

Tugas 4A: SW1







Tugas 4B:

Sw1

No	Variabel	Nilai
1.	Root ID	
2.	Priority	32769
3.	MAC Adrress	000A.F3B3.8C39
4.	Bridge ID	
5.	Cost (0/1;0/2;0/3)	19;19;19
6.	Hello Time	2 second
7.	MaxAge	20 second
8.	Forward Delay	15 second

Sw2

No	Variabel	Nilai
1.	Root ID	
2.	Priority	32769
3.	MAC Adrress	00E0.8FBD.5809
4.	Bridge ID	
5.	Cost (0/1;0/2;0/3)	19;19;19
6.	Hello Time	2 second
7.	MaxAge	20 second
8.	Forward Delay	15 second

Sw3

No	Variabel	Nilai
1.	Root ID	
2.	Priority	32769
3.	MAC Adrress	000C.8530.C99A
4.	Bridge ID	
5.	Cost (0/1;0/2;0/3)	19;19;19
6.	Hello Time	2 second
7.	MaxAge	20 second
8.	Forward Delay	15 second

Tugas 4C: Pada kondisi default tersebut, switch dan port mana saja yang

• root bridge : switch SW1

designated bridge: switch SW2 dan switch SW3

• root port: SW2 1(fastEthernet0/1), SW3 2 (fastEthernet0/2)

designated port: 1(fastEthernet0/1) dan 3(fastEthernet0/3)

Tugas 4D: Pada kondisi default tersebut, dan port mana saja

• forwarding: fa0/1, fa0/2

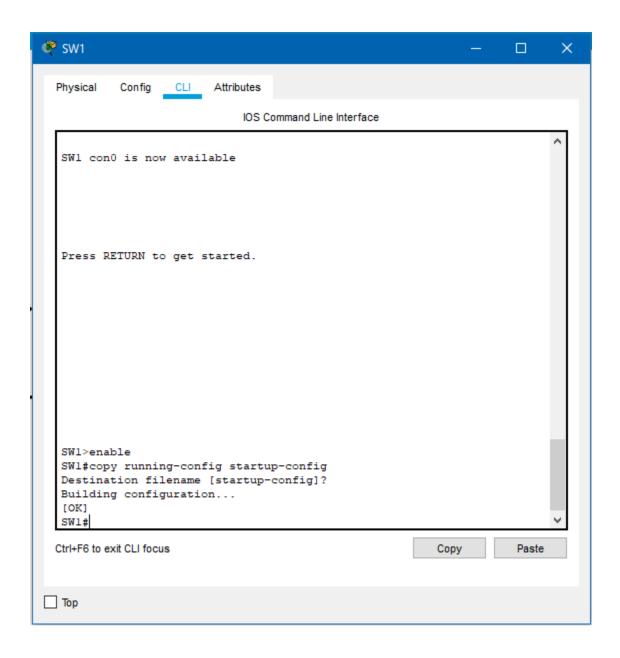
blocking : fa0/3

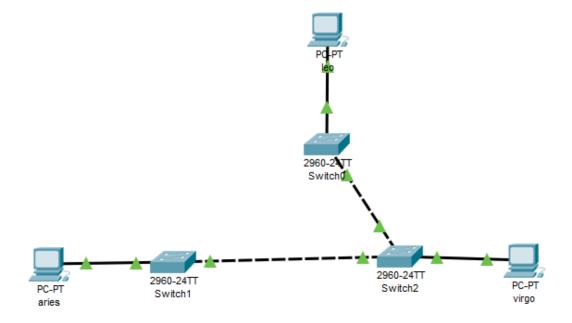
e. Dari PC Leo lakukan ping ke PC virgo

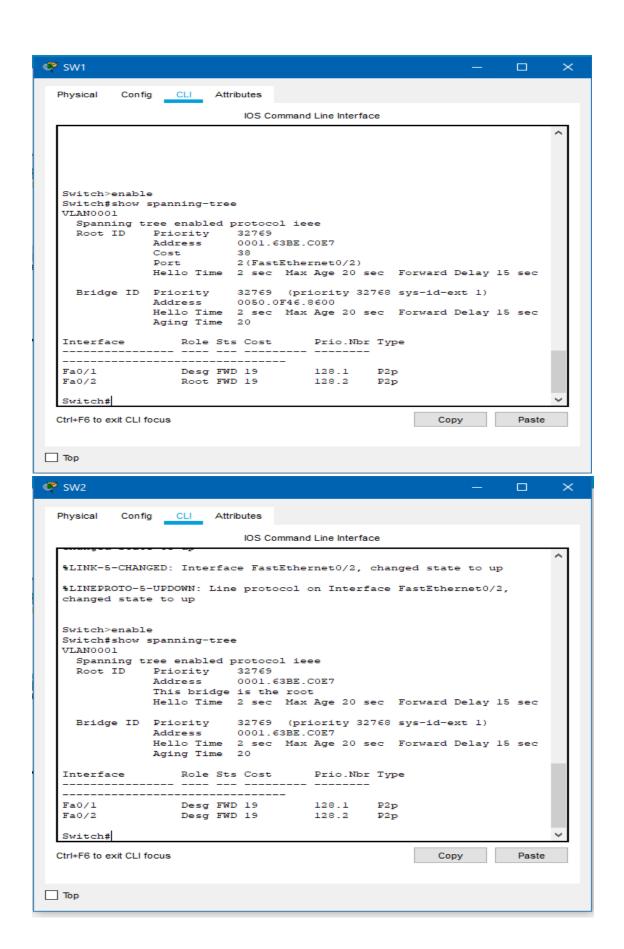
Tugas 5A: Tulis langkah untuk melakukan perintah ping

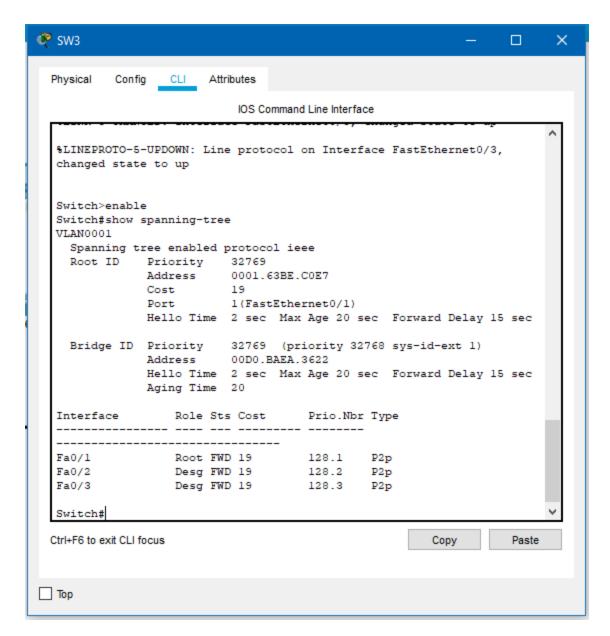
Klik 2 kali pada PC leo kemudian muncul menu pilih desktop lalu pilih command promd kemudian ketikkan ping pada PC leo, dari PC leo lakukan ping ke PC virgo dengan Ip konfigurasi 127.21.1.3

Tugas 6A: tulis langkah untuk menyimpan konfigurasi









Sw1

No	Variabel	Nilai
1.	Root ID	
2.	Priority	32769
3.	MAC Adrress	0050.0F46.8600
4.	Bridge ID	
5.	Cost (0/1;0/2)	19;19
6.	Hello Time	2 second
7.	MaxAge	20 second
8.	Forward Delay	15 second

Sw2

No	Variabel	Nilai
1.	Root ID	
2.	Priority	32769
3.	MAC Adrress	0001.63BE.C0E7
4.	Bridge ID	
5.	Cost (0/1;0/2)	19;19
6.	Hello Time	2 second
7.	MaxAge	20 second
8.	Forward Delay	15 second

Sw3

No	Variabel	Nilai
1.	Root ID	
2.	Priority	32769
3.	MAC Adrress	00D0.BAEA.3622
4.	Bridge ID	
5.	Cost (0/1;0/2;0/3)	19;19;19
6.	Hello Time	2 second
7.	MaxAge	20 second
8.	Forward Delay	15 second

• root bridge : SW2

• designated bridge: SW1 dan SW3

• root port: SW1 2(fastEthernet0/2), SW3 1(fastEthernet0/1)

• designated port: SW1: fa0/1, SW2: fa0/1 dan fa0/2, SW3: fa0/2 dan fa0/3

• forwarding: fa0/1, fa0/2, fa0/3

• blocking:-