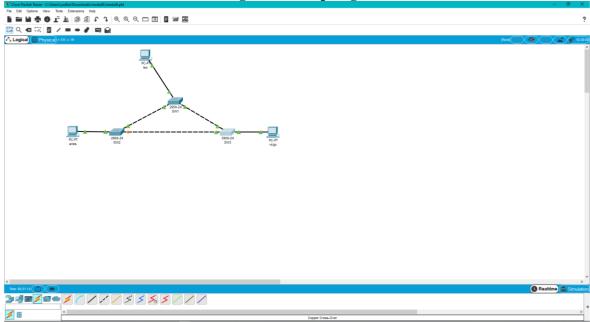
Nama: Yudha Gana Prasetyo Wibowo

Nim : L200180150

Kelas: D

#### Modul 6

Kegiatan 1. Topologi 1



## Tugas 1A:

Pertama kita beri 3 Switch 2950-24 lalu kita beri masing-masing PC per Switch dan sambungkan antar peripheral dengan media transmisi kabel

### Tugas 2A:

#### SW1

*Switch>en* 

Switch#conf t

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

Switch(config)#hostname SW1

SW1(config)#end

#### SW2

*Switch>en* 

Switch#conf t

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

Switch(config)#hostname SW2

SW2(config)#end

Switch>en

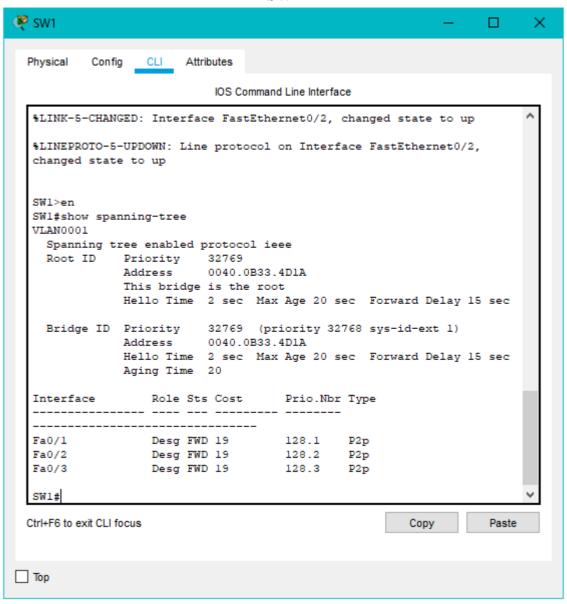
Switch#conf t

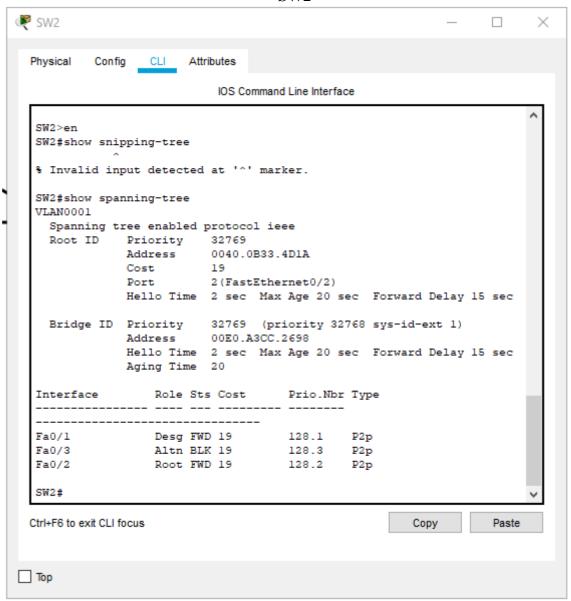
Enter configuration commands, one per line. End with CNTL/Z.

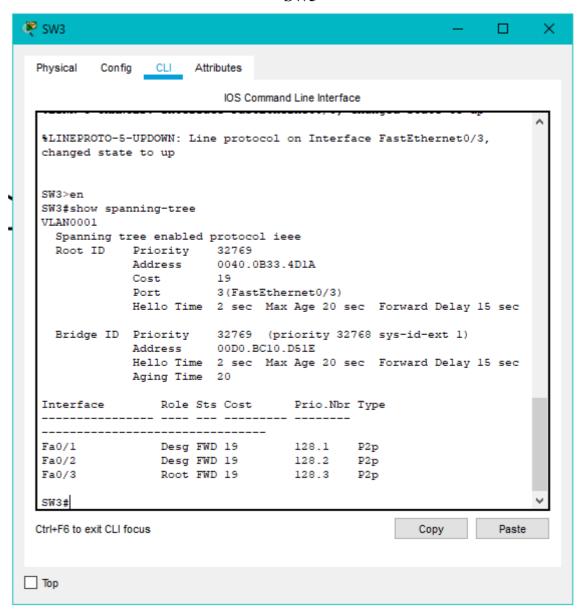
Switch(config)#hostname SW3

SW3(config)#end

### Tugas 4A:







# Tugas 4B:

# SW1

No	Variabel	Nilai
1	Root ID	0040.0B33.4D1A
2	Priority	32769
3	Mac Address	0040.0B33.4D1A
4	Bridge ID	0040.0B33.4D1A
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

## SW2

No	Variabel	Nilai
1	Root ID	0040.0B33.4D1A
2	Priority	32769
3	Mac Address	00E0.A3CC.2698
4	Bridge ID	00E0.A3CC.2698
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

No	Variabel	Nilai
1	Root ID	0040.0B33.4D1A
2	Priority	32769
3	Mac Address	00D0.BC10.D51E
4	Bridge ID	00D0.BC10.D51E
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

### **Tugas 4C:**

Root bridge: SW1

Designated bridge: SW3

**Root port :** SW2 (Fa0/2), SW3(Fa0/3)

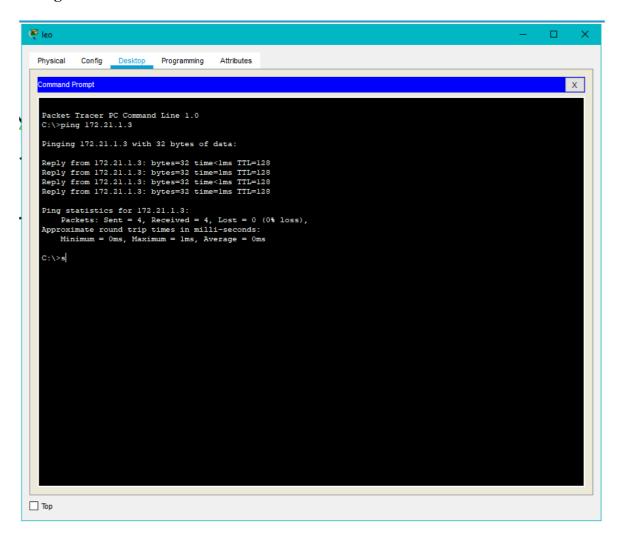
**Designated port**: SW1(Fa0/1;Fa0/2;Fa0/3), SW2(Fa0/1), SW3(Fa0/1;Fa0/3)

## **Tugas 4D:**

Forwarding: SW1(Fa0/1;Fa0/2;Fa0/3), SW2(Fa0/1;Fa0/2), SW3(Fa0/1;Fa0/2;Fa0/3)

**Blocking:** SW2(Fa0/3)

## Tugas 5A:



Masuk ke PC >> Desktop >> Command Prompt

Lalu ketik "ping 172.21.1.3"

# Tugas 6A:

Lakukan perintah dibawah untuk setiap switch :

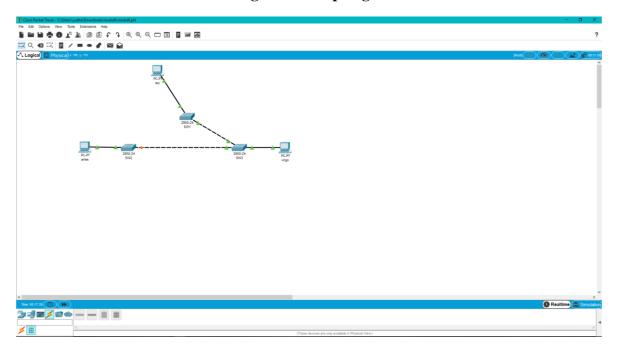
SW1>en

SW1#write

Building configuration...

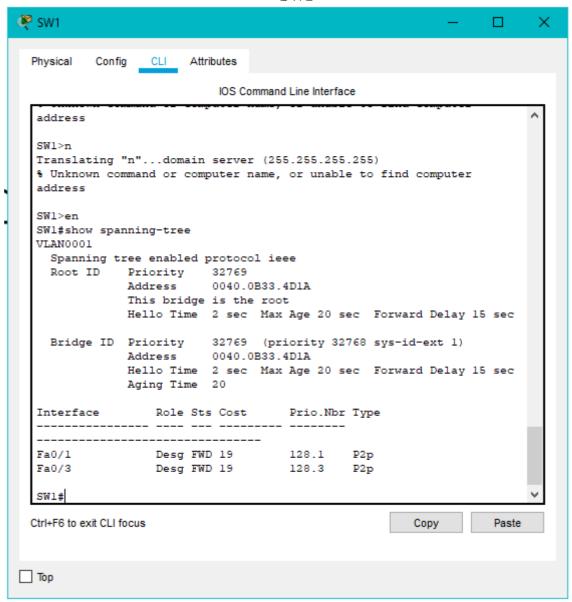
[OK]

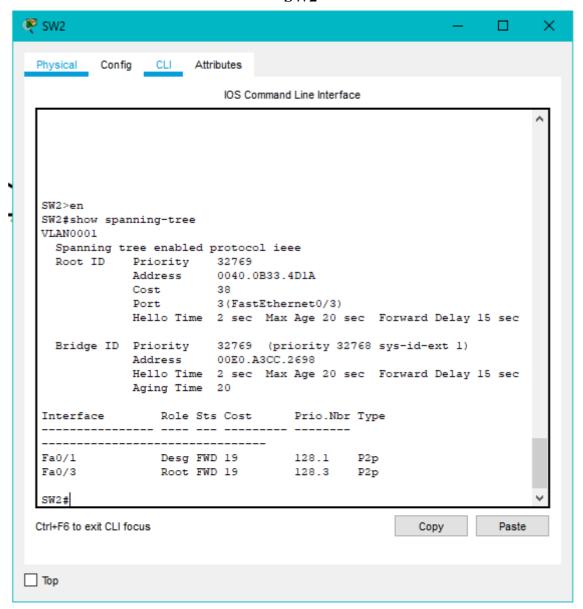
Kegiatan 2. Topologi 2

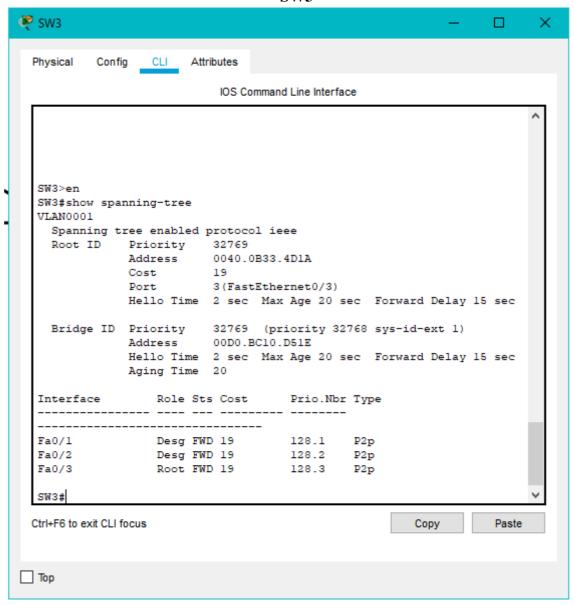


### Tugas 9A:

SW1







No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	0001.9633.4035
4	Bridge ID	0001.9633.4035
5	Cost(0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

## SW2

No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	0003.E4C0.6B85
4	Bridge ID	0003.E4C0.6B85
5	Cost(0/2;0/3)	19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	00E0.8F44.52D6
4	Bridge ID	00E0.8F44.52D6
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Root bridge: SW1

Designated bridge: SW3

**Root port :** SW2 (Fa0/3), SW3(Fa0/3)

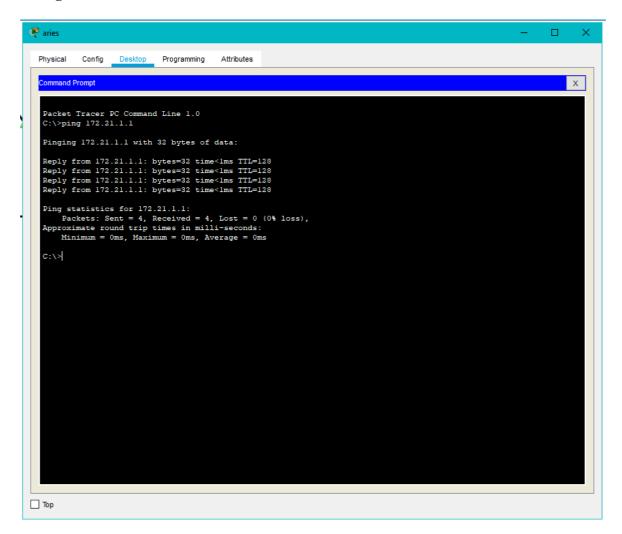
*Designated port*: SW1(Fa0/1; Fa0/3), SW2(Fa0/1), SW3(Fa0/1; Fa0/2)

Forwarding: SW1(Fa0/1;Fa0/3), SW2(Fa0/1;Fa0/3),

SW3(Fa0/1;Fa0/2;Fa0/3)

**Blocking:** None

## Tugas 5A:



Masuk ke PC >> Desktop >> Command Prompt

Lalu ketik "ping 172.21.1.1"

# Tugas 6A:

Lakukan perintah dibawah untuk setiap switch :

SW1>en SW1#write Building configuration... [OK]