Nama : Dzaki Fadhlurrohman

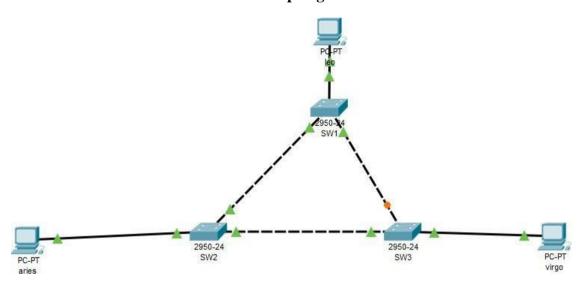
NIM : L200180064

Kelas : B

Modul 6

Praktikum Jaringan Komputer

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.

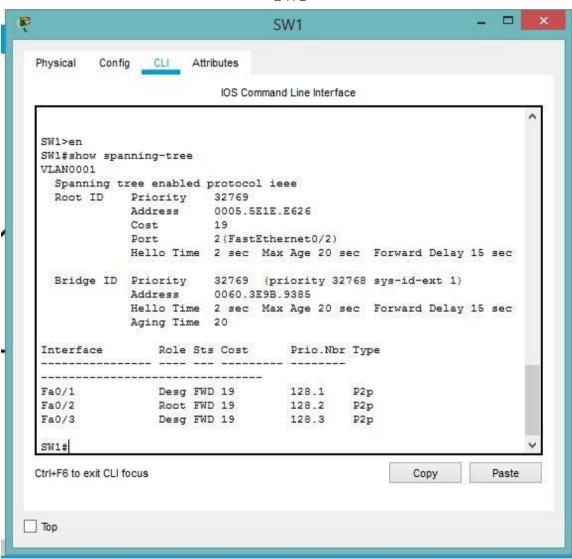
Switch(config)#hostname SW2

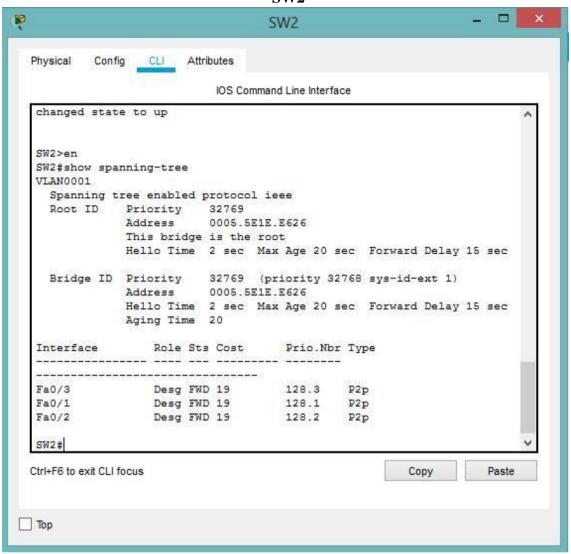
SW2(config)#end

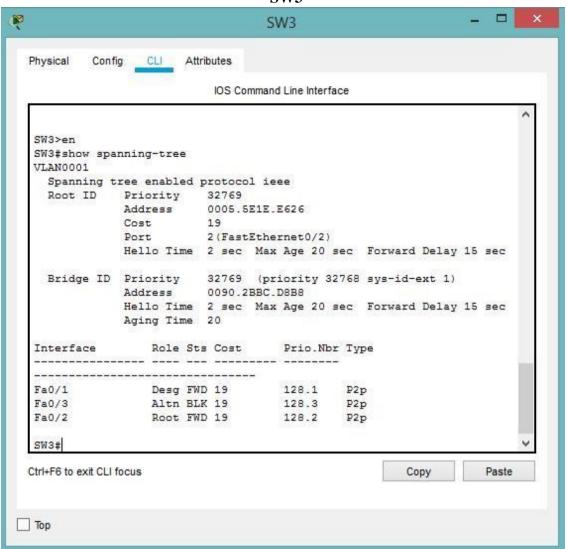
SW3

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	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0060.3E9B.9385
4	Bridge ID	0060.3E9B.9385
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	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0005.5E1E.E626
4	Bridge ID	0005.5E1E.E626
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	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0090.2BBC.D8B 8
4	Bridge ID	0090.2BBC.D8B 8
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 : SW2

Designated bridge : SW1

Root port : SW1 (Fa0/2), SW3(Fa0/2)

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

Tugas 4D:

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

Blocking: SW3(Fa0/3)

Tugas 5A:

```
Physical Config Desklop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\Pping 172.21.1.3

Pinging 172.21.1.3 with 32 bytes of data:

Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Ping statistics for 172.21.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 172.21.1.3:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 13ms, Average = 4ms

C:\D

Top
```

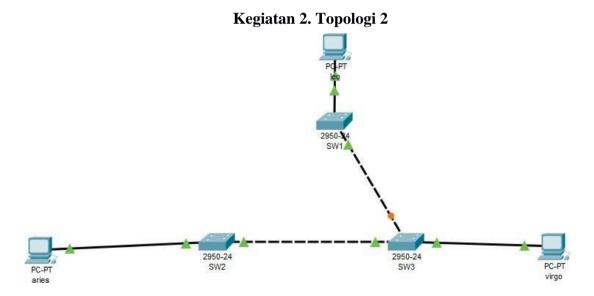
Masuk ke PC >> Desktop >> Command Prompt

Lalu ketik "ping 172.21.1.3"

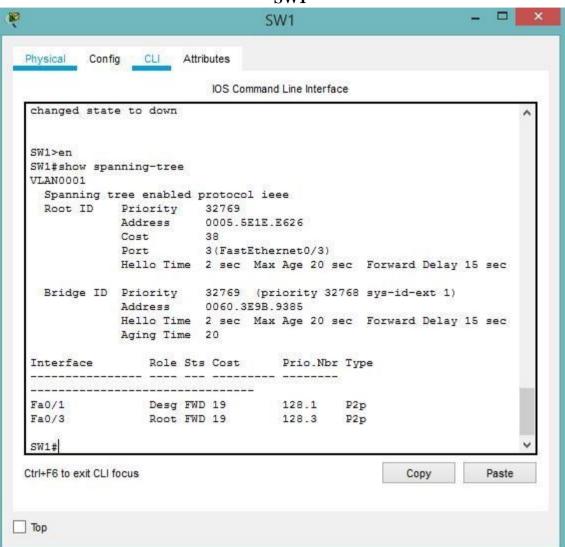
Tugas 6A:

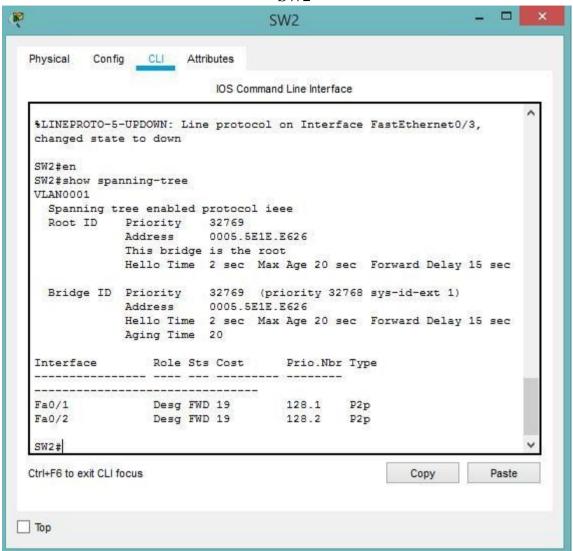
Lakukan perintah dibawah untuk setiap switch :

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



Tugas 9A:





SW3



No	Variabel	Nilai
1	Root ID	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0060.3E9B.9385
4	Bridge ID	0060.3E9B.9385
5	Cost(0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec

No	Variabel	Nilai
1	Root ID	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0090.2BBC.D8B 8
4	Bridge ID	0090.2BBC.D8B 8
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec

SW2		
No	Variabel	Nilai
1	Root ID	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0005.5E1E.E626
4	Bridge ID	0005.5E1E.E626
5	Cost(0/2;0/3)	19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

15 sec

SW3 Root bridge: SW2

Forward Delay

8

Designated bridge: SW3

Root port : SW1 (Fa0/3), SW3(Fa0/2)

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

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

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

Blocking: None