TUGAS

MODUL 6

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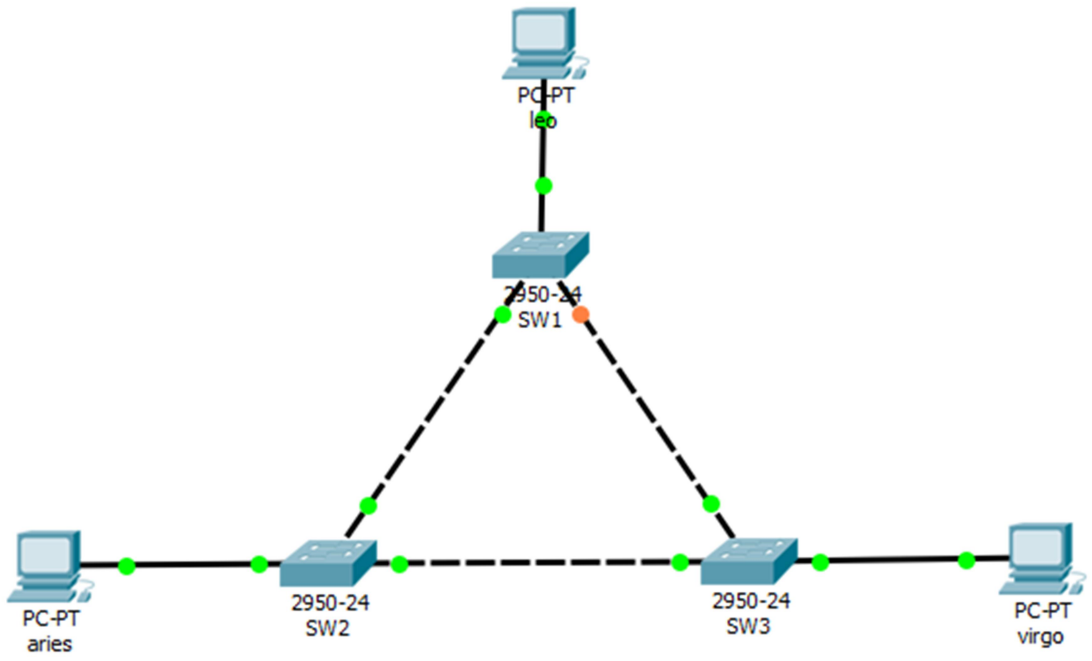
NIM : L200170114

Kelas : C

Kegiatan 1. Topologi 1

1.



Topologi dibuat dengan menggunakan 3 switch catalyst 2950 dan 3 PC. Lalu hubungkan antar switch dan hubungkan 1 switch dengan 1 PC menggunakan connection.

2.

Langkah pemberian nama pada SW1

```
Switch>en
Switch#conf term
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname SW1
SW1(config)#exit
SW1#
%SYS-5-CONFIG_I: Configured from console by console

SW1#
```

Langkah pemberian nama pada SW2

```
Switch>en
Switch#conf term
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname SW2
SW2(config)#exit
SW2#
%SYS-5-CONFIG_I: Configured from console by console

```

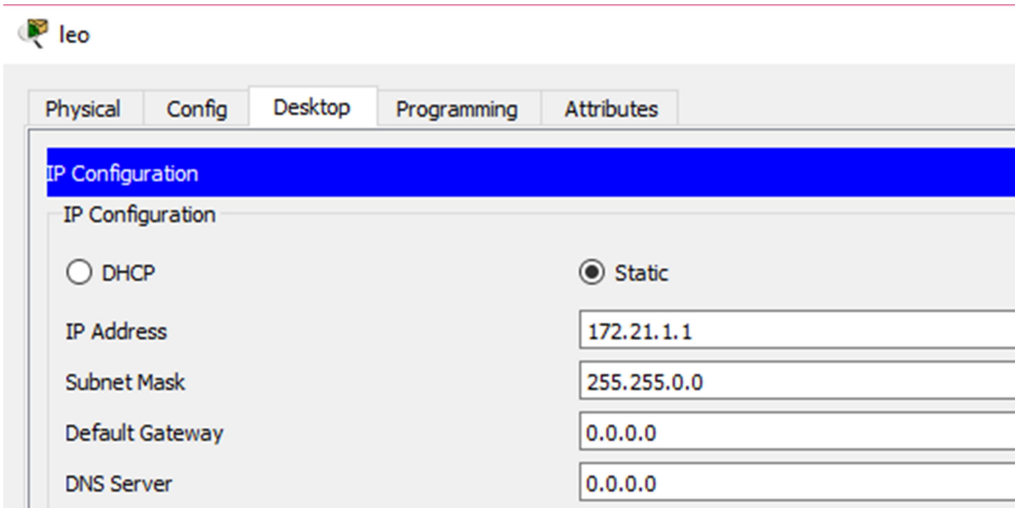
Langkah pemberian nama pada SW3

```
Switch>en
Switch#conf term
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname SW3
SW3(config)#exit
SW3#
%SYS-5-CONFIG_I: Configured from console by console

SW3#
```

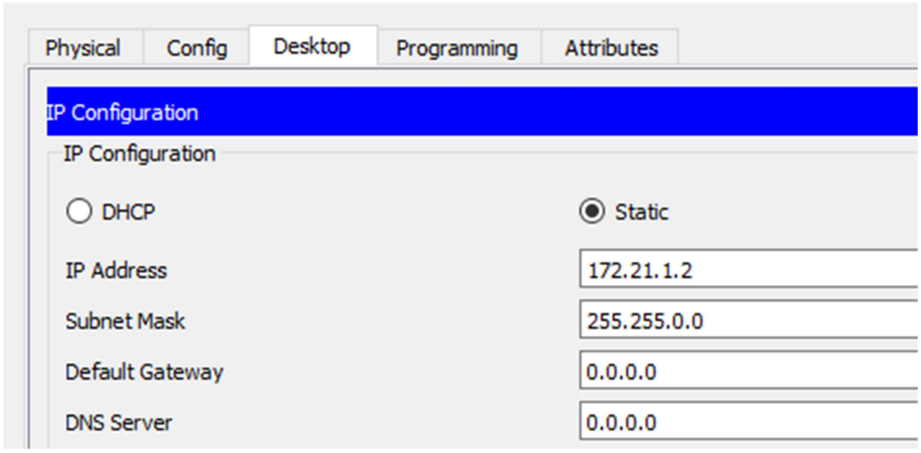
3. Konfigurasi IP

Leo



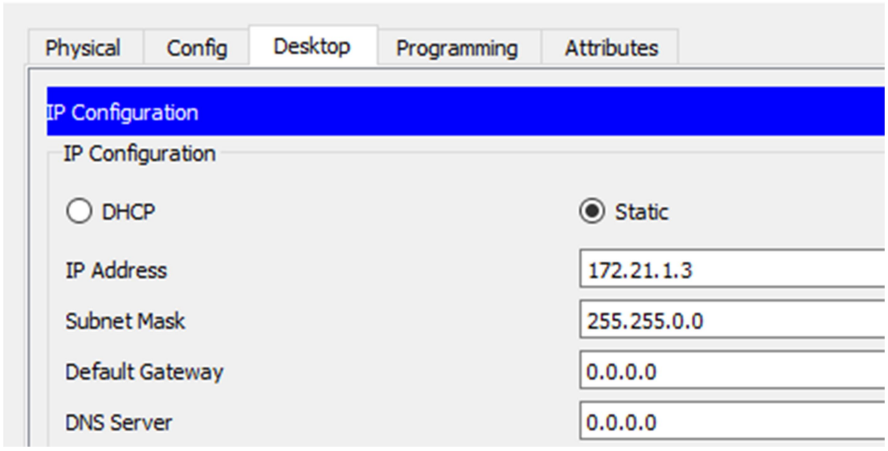
Aries

aries



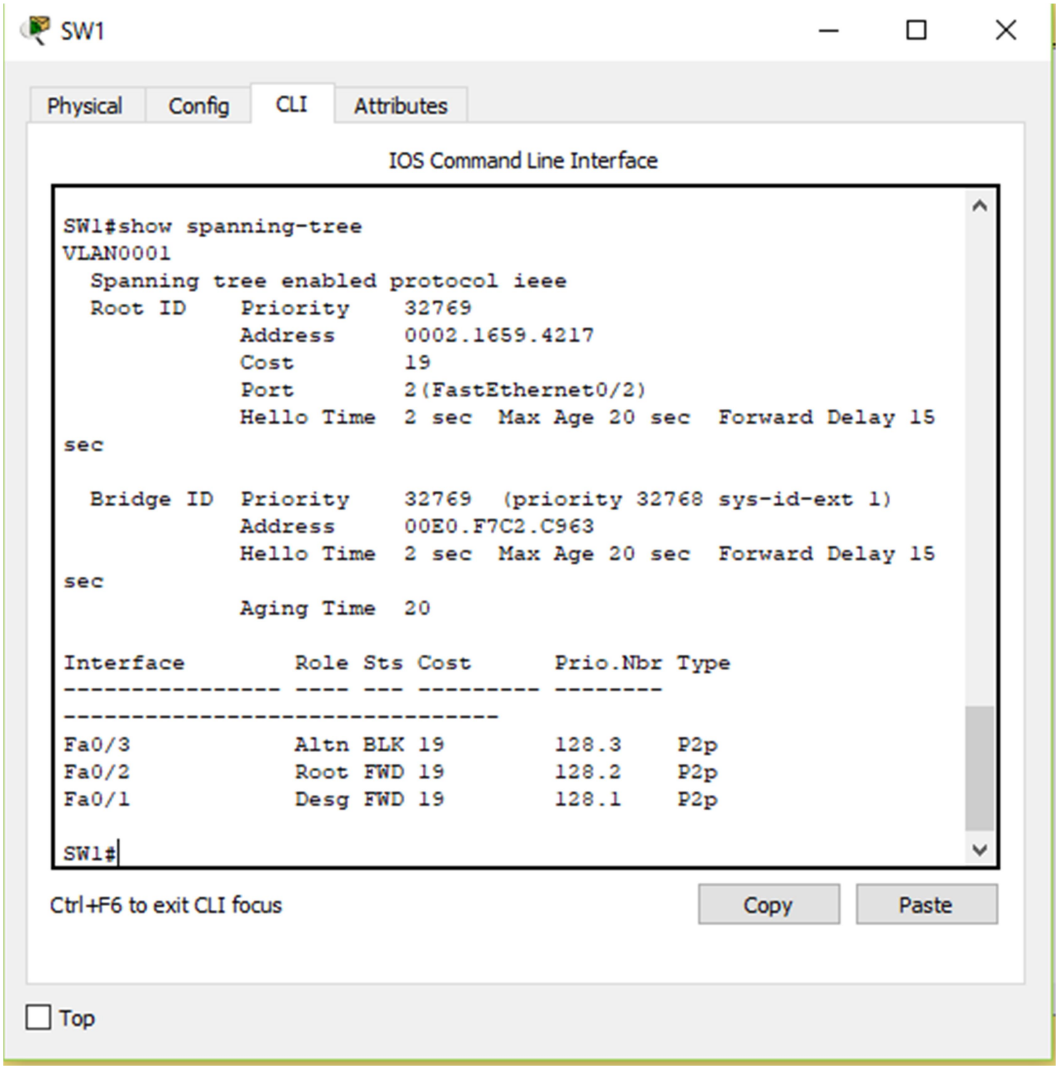
Virgo

virgo



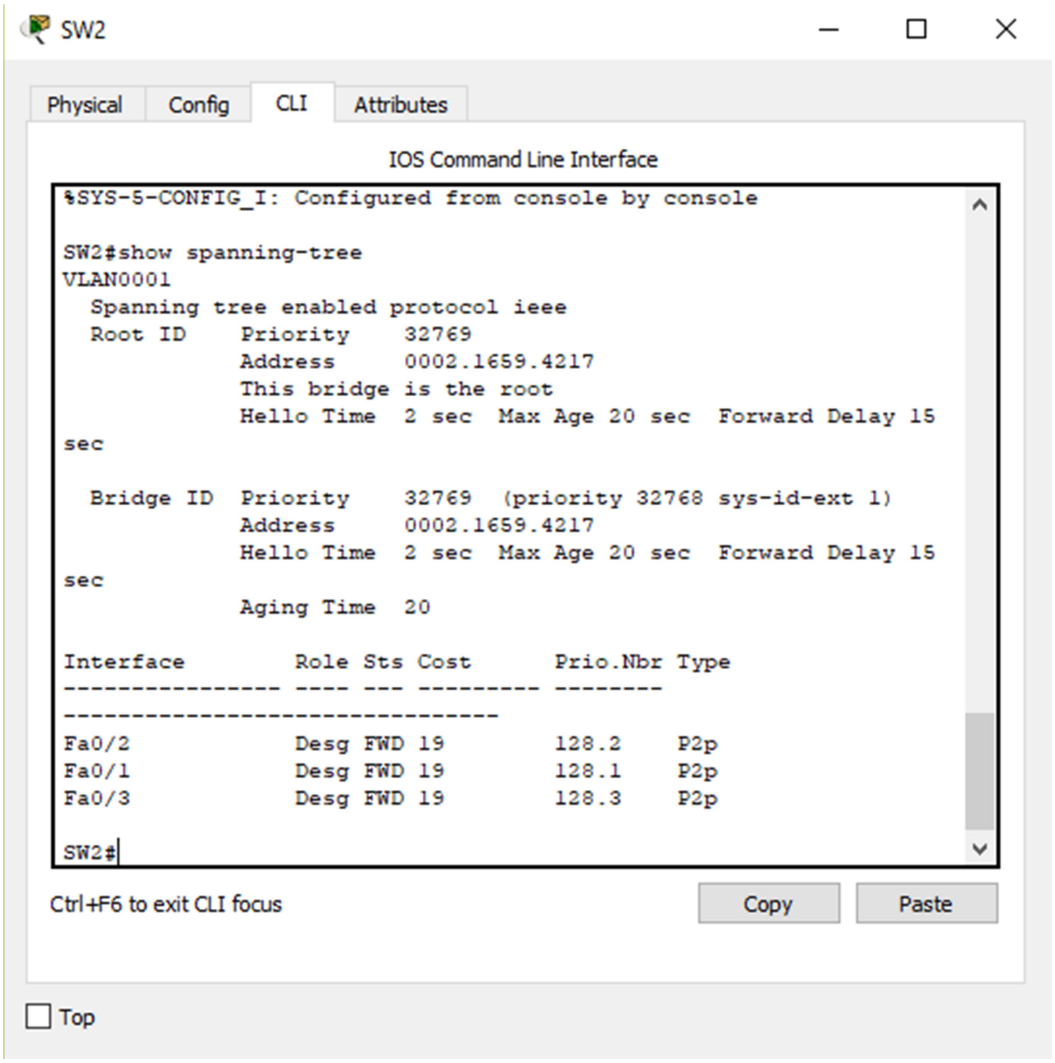
4.

SW1



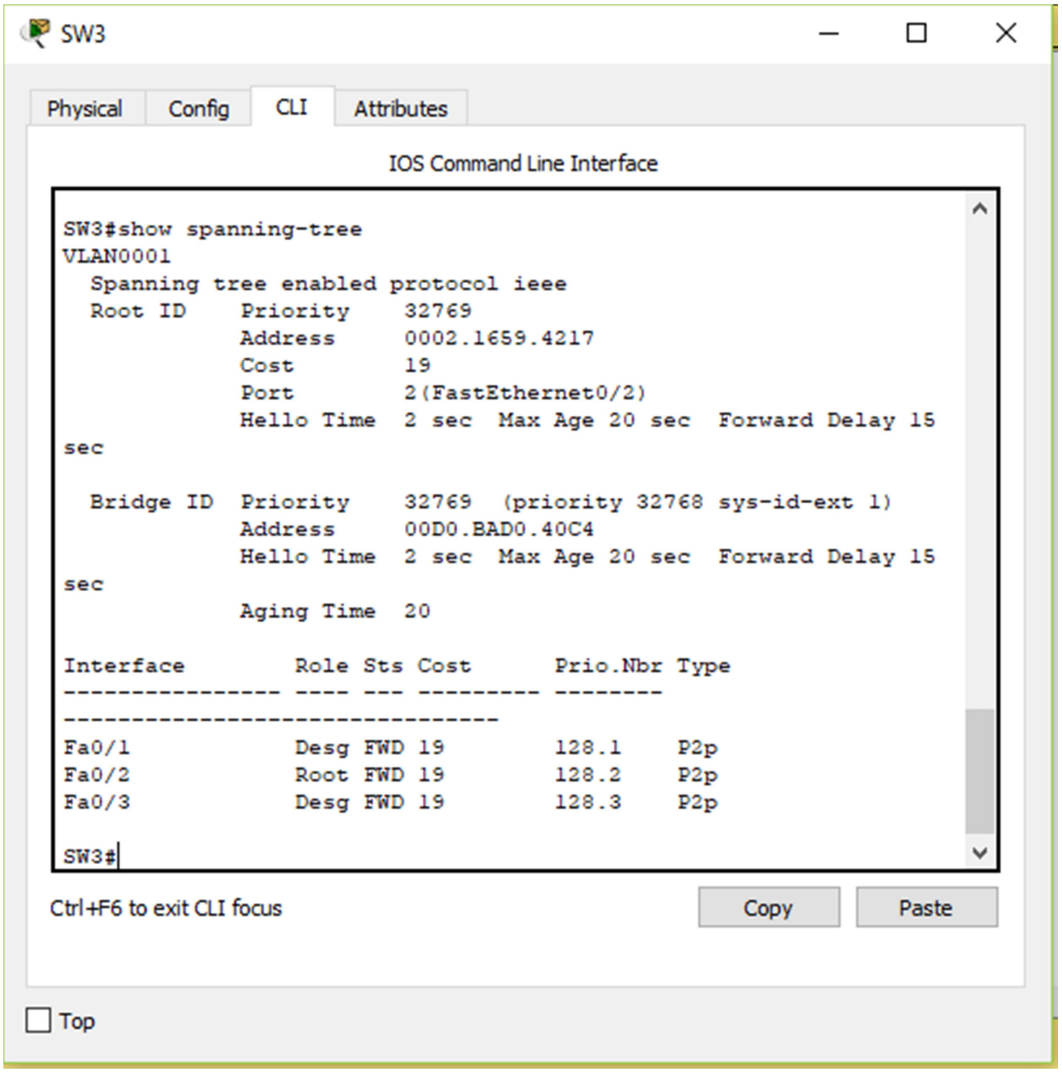
No	Variabel	Nilai
1	Root ID	32679
2	Priority	-
3	MAC Adress	00E0.F7C2.C963
4	Bridge ID	32679
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2
7	MaxAge	20
8	Forward Delay	15

SW2



No	Variabel	Nilai
1	Root ID	32679
2	Priority	-
3	MAC Adress	0002.1659.4217
4	Bridge ID	32679
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2
7	MaxAge	20
8	Forward Delay	15

SW3



No	Variabel	Nilai
1	Root ID	32679
2	Priority	-
3	MAC Adress	00D0.BAD0.40C4
4	Bridge ID	32679
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2
7	MaxAge	20
8	Forward Delay	15

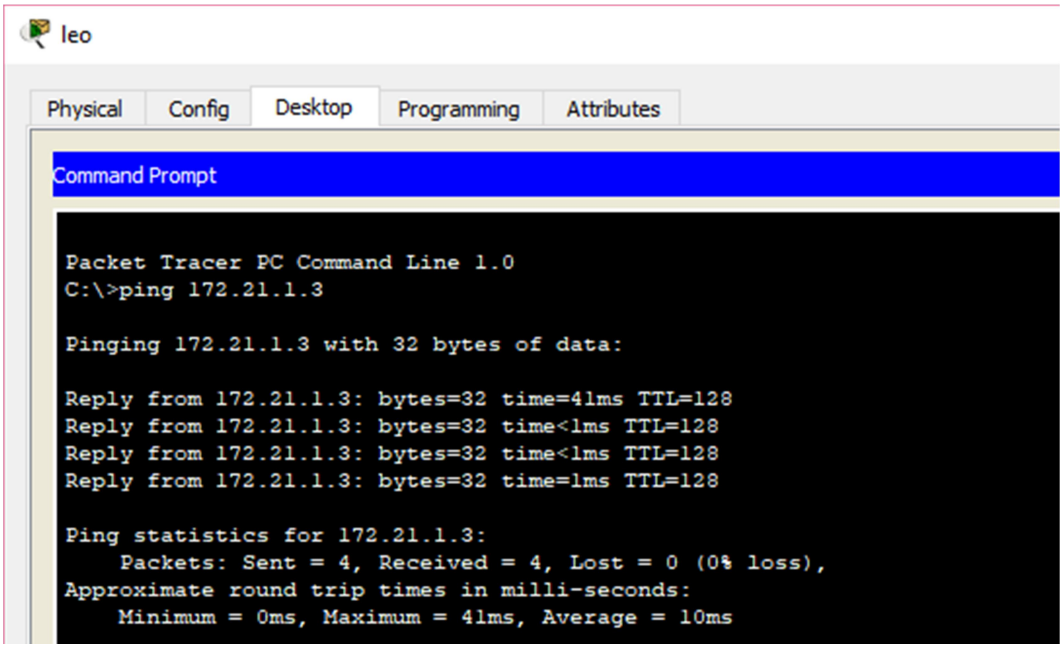
4C :

- Root bridge : SW2
- Designated bridge : SW3
- Root port : SW1 (fa 0/2) dan SW 3 (fa 0/2)
- Designated port : SW1 (fa 0/1), SW2 (fa 0/1; fa 0/2; fa 0/3) dan SW3 (fa 01; fa 0/3)

4D :

- Fowarding : SW1 (fa 0/1; fa 0/2), SW2 (fa 0/1; fa 0/2; fa 0/3) dan SW3 (fa 0/1; fa 0/2; fa0/3)
- Blocking : SW1 (fa 0/3)

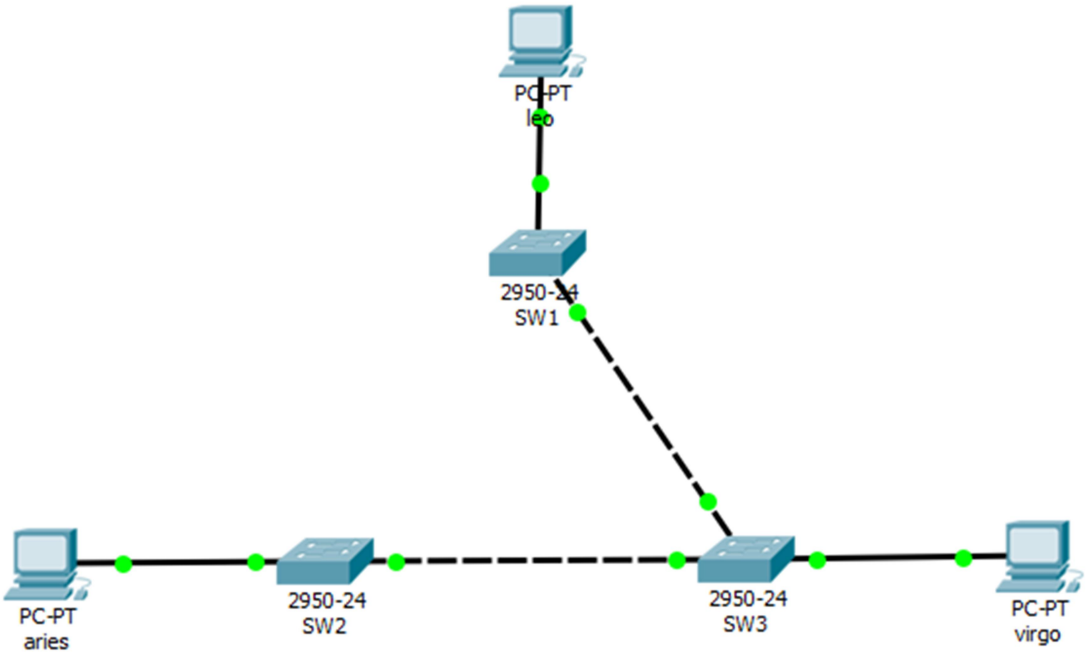
5. Ping dari leo ke virgo dilakukan dengan membuka command prompt dari leo, kemudian ketikkan ping 172.21.1.3 / ip virgo.



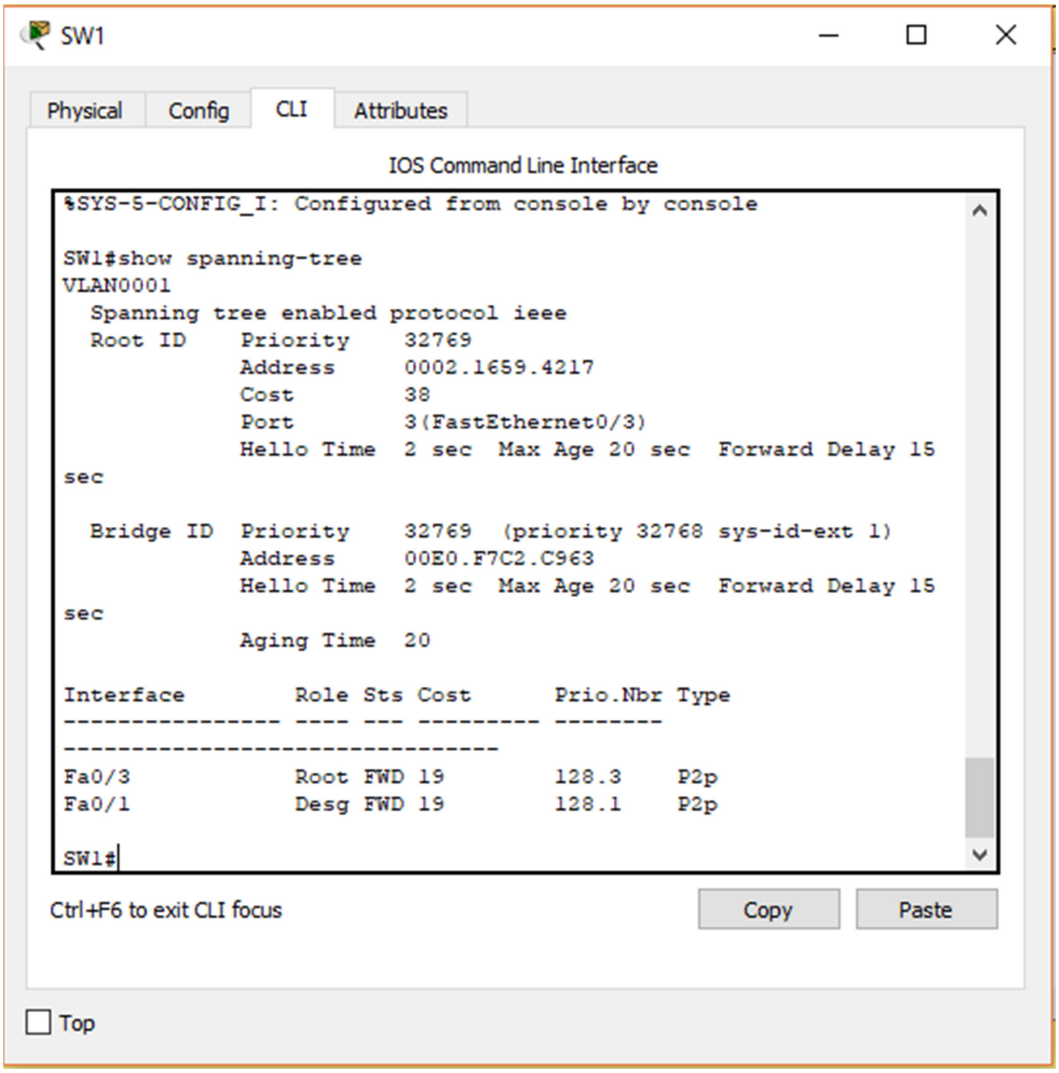
6. Simpan konfigurasi jaringan dengan nama lab2 dengan cara CTRL+S lalu namai dengan lab2.pkt.

Kegiatan 2. Topologi 2

1.

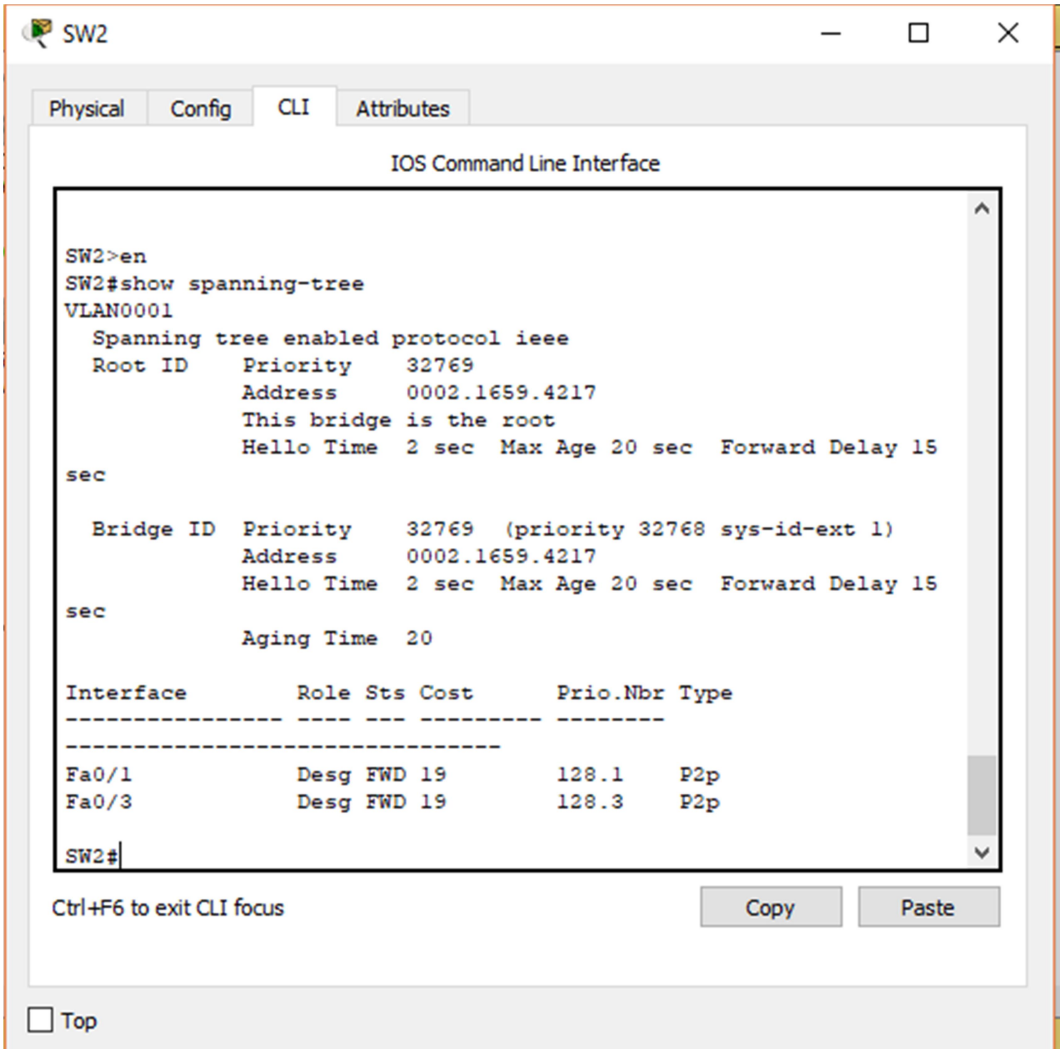


SW1



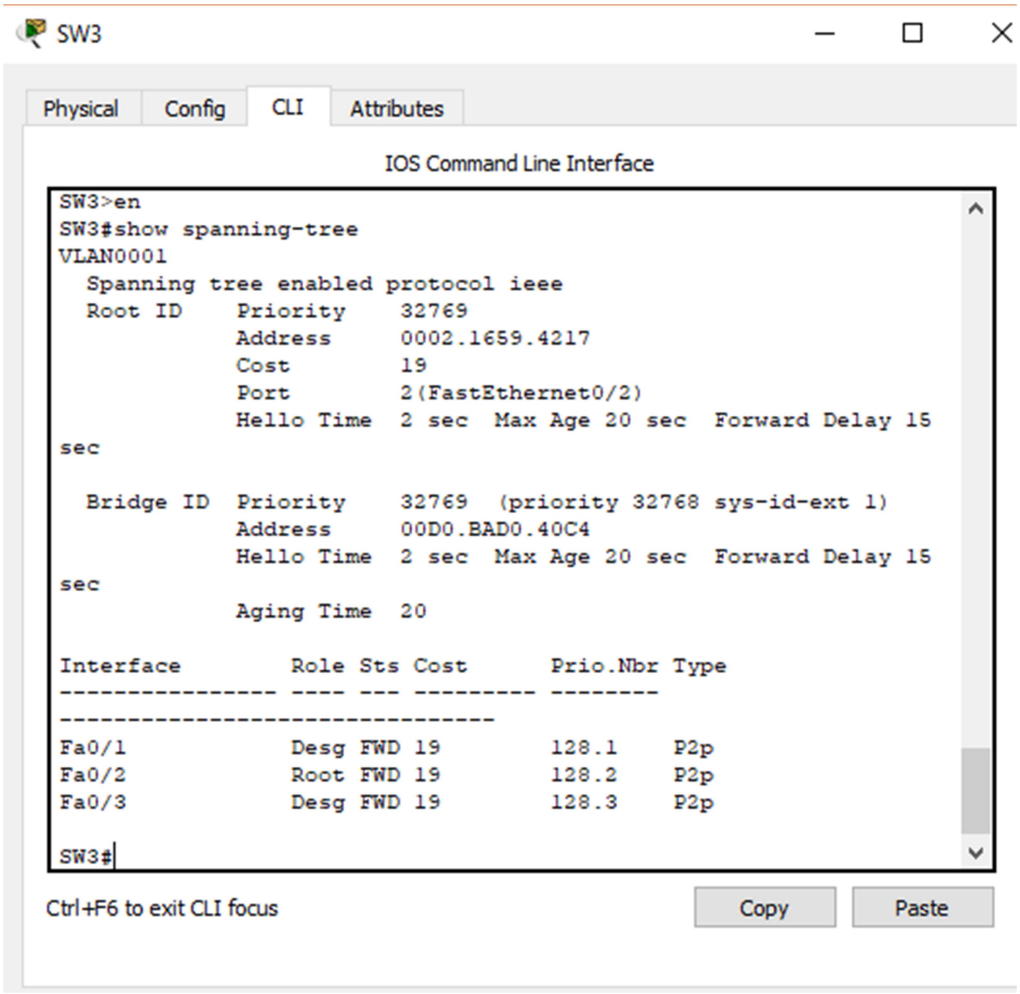
No	Variabel	Nilai
1	Root ID	32679
2	Priority	-
3	MAC Adress	00E0.F7C2.C963
4	Bridge ID	32679
5	Cost(0/1;0/2;0/3)	38
6	Hello Time	2
7	MaxAge	20
8	Forward Delay	15

SW2



No	Variabel	Nilai
1	Root ID	32679
2	Priority	-
3	MAC Adress	002.1659.4217
4	Bridge ID	32679
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2
7	MaxAge	20
8	Forward Delay	15

SW3



No	Variabel	Nilai
1	Root ID	32679
2	Priority	-
3	MAC Adress	00D0.BAD0.40C4
4	Bridge ID	32679
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2
7	MaxAge	20
8	Forward Delay	15

- Root bridge : SW2
- Designated bridge : SW3
- Root port : SW1 (fa 0/3) dan SW 3 (fa 0/2)

- Designated port : SW1 (fa 0/1), SW2 (fa 0/1; fa 0/3) dan SW3 (fa 01; fa 0/3)
- Fowarding : SW1 (fa 0/1; fa 0/3), SW2 (fa 0/1; fa 0/3) dan SW3 (fa 0/1; fa 0/2; fa0/3)
- Blocking : -

Ping dari leo ke virgo dilakukan dengan membuka command prompt dari leo, kemudian ketikkan ping 172.21.1.3 / ip virgo.