

Nama : Ikhwan fahmi T

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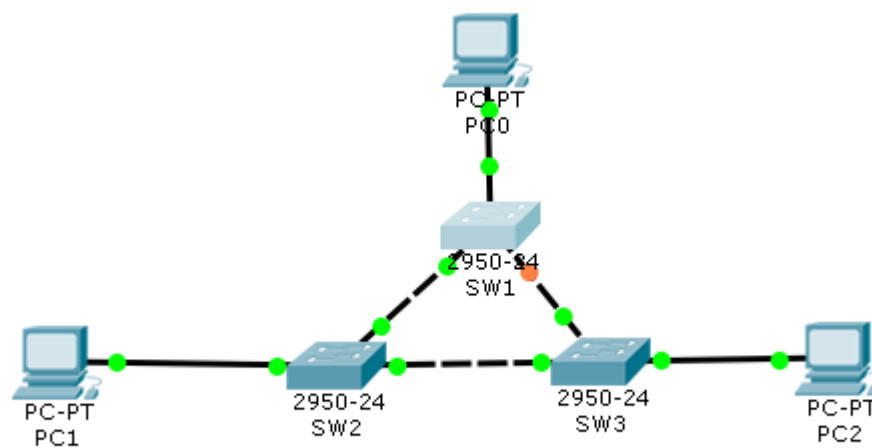
Kelas : D

Modul : 6

Tugas

Kegiatan 1

1. Topologi



2. Masing- masing Switch diberi nama : SW1, SW2, dan SW3

3. Konfigurasi masing- masing PC

1. Leo : 172.21.1.1

2. Aries : 172.21.1.2

3. Virgo : 172.21.1.3

4. A

Pada mode user / privileged, lihat status STP pada masing- masing switch

Kondisi default

SW1

SW1

Physical

Config

CLI

Attributes

IOS Command Line Interface

Switch>show spanning-tree

VLAN0001

Spanning tree enabled protocol ieee

Root ID Priority 32769

Address 0001.9694.656E

Cost 19

Port 1(FastEthernet0/1)

Hello Time 2 sec Max Age 20 sec Forward Delay 15

sec

Bridge ID Priority 32769 (priority 32768 sys-id-ext 1)

Address 0060.2FC0.CEC6

Hello Time 2 sec Max Age 20 sec Forward Delay 15

sec

Aging Time 20

Interface	Role	Sts	Cost	Prio.Nbr	Type
Fa0/1	Root	FWD	19	128.1	P2p
Fa0/2	Desg	FWD	19	128.2	P2p
Fa0/3	Altn	BLK	19	128.3	P2p

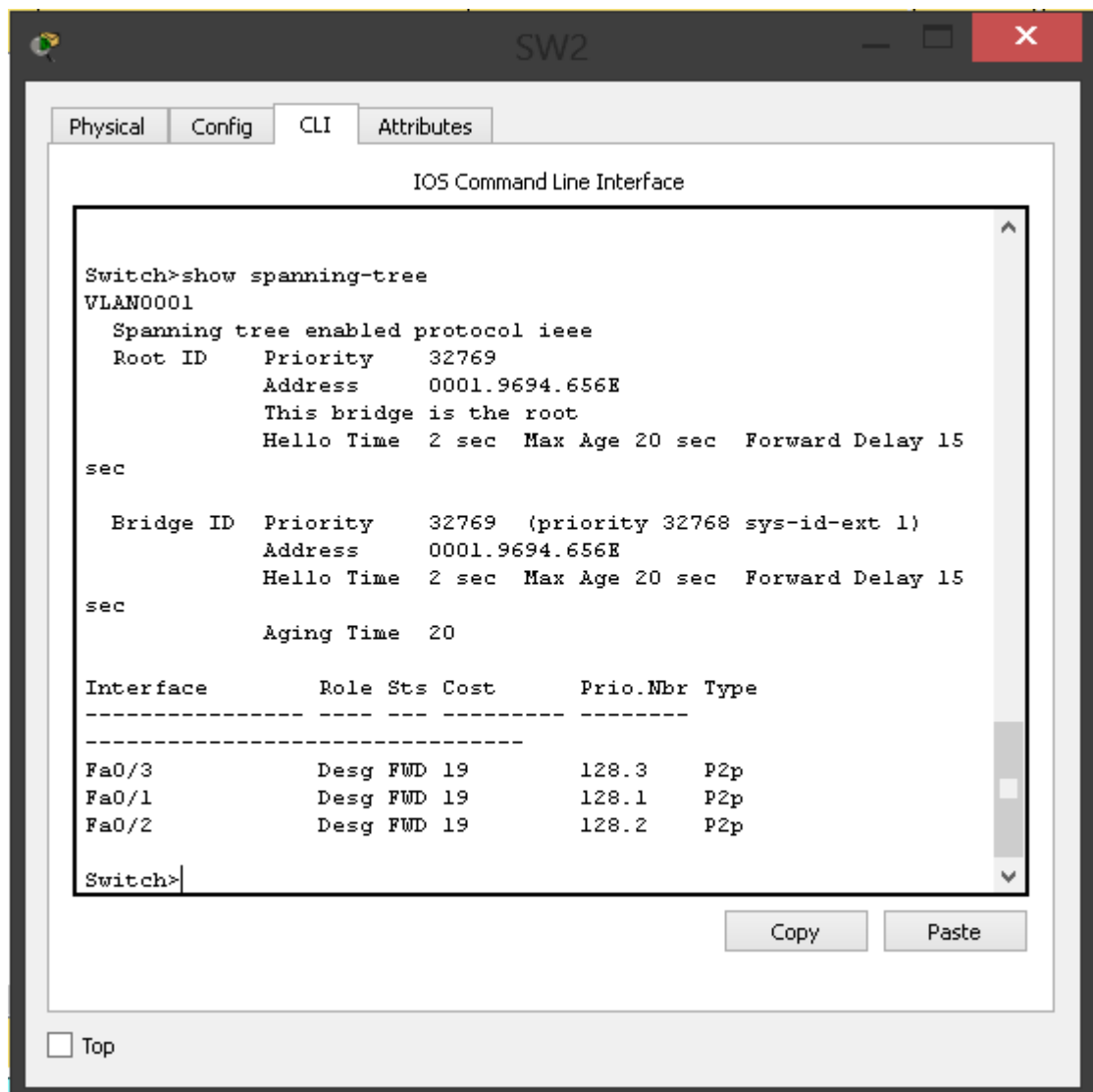
Switch>

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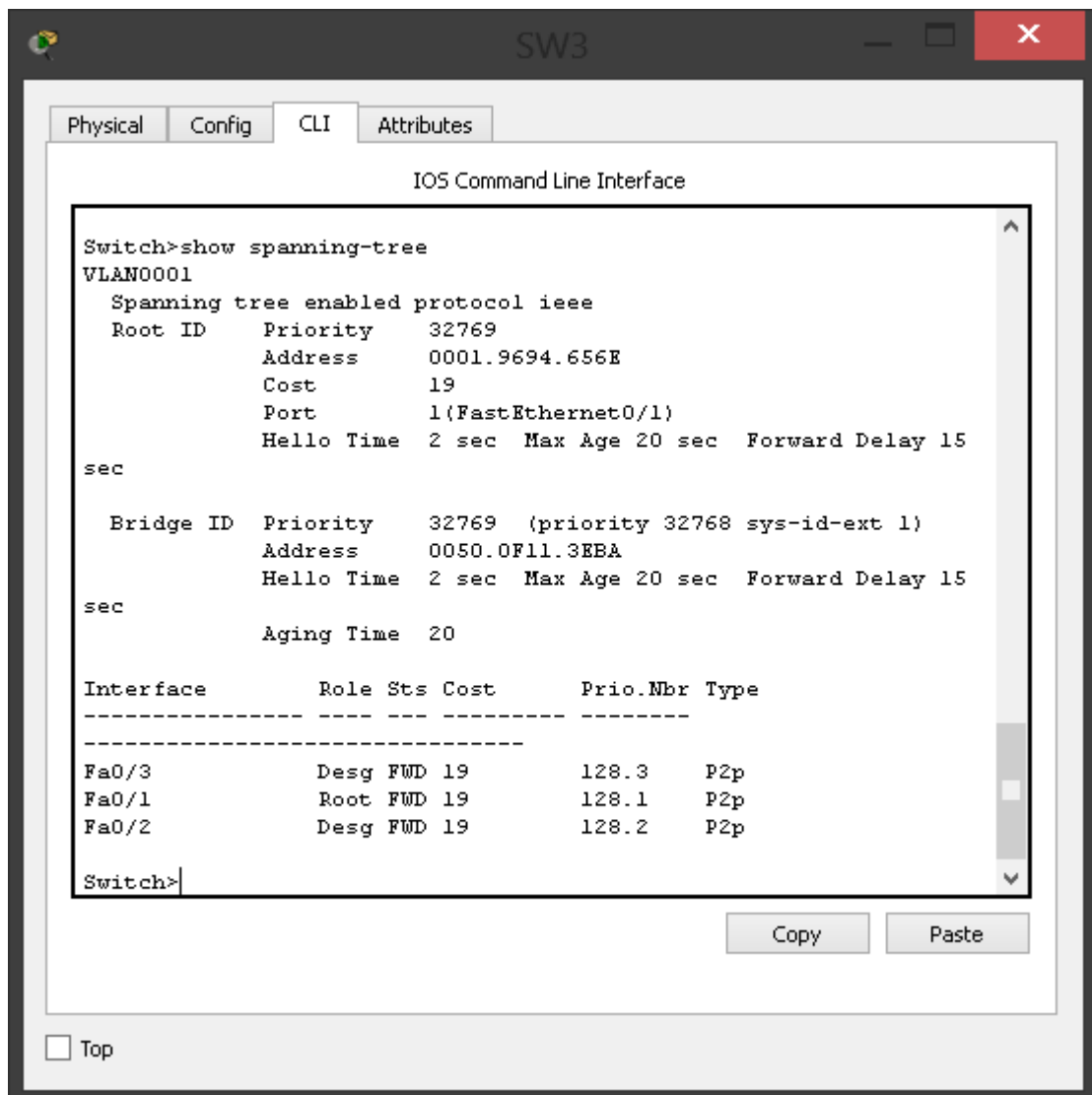
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SW2



SW3



4 B

SW 1

No	Variabel	Nilai
1	Root ID	32769 : 0001.9694.656E
2	Priority	32769
3	MAC Address	0060.2FC0.CEC6
4	Bridge ID	32769 : 0060.2FC0.CEC6
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

SW 2

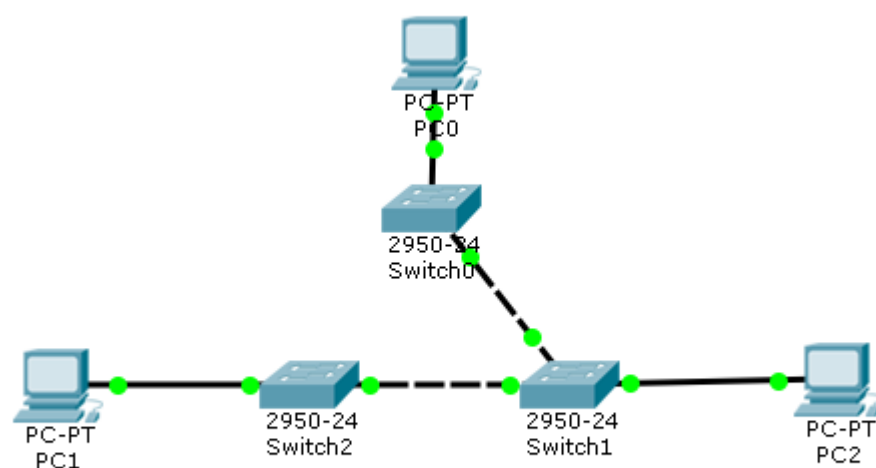
No	Variabel	Nilai
1	Root ID	32769 : 0001.9694.656E
2	Priority	32769
3	MAC Address	0001.9694.656E
4	Bridge ID	32769 : 0001.9694.656E
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

SW 3

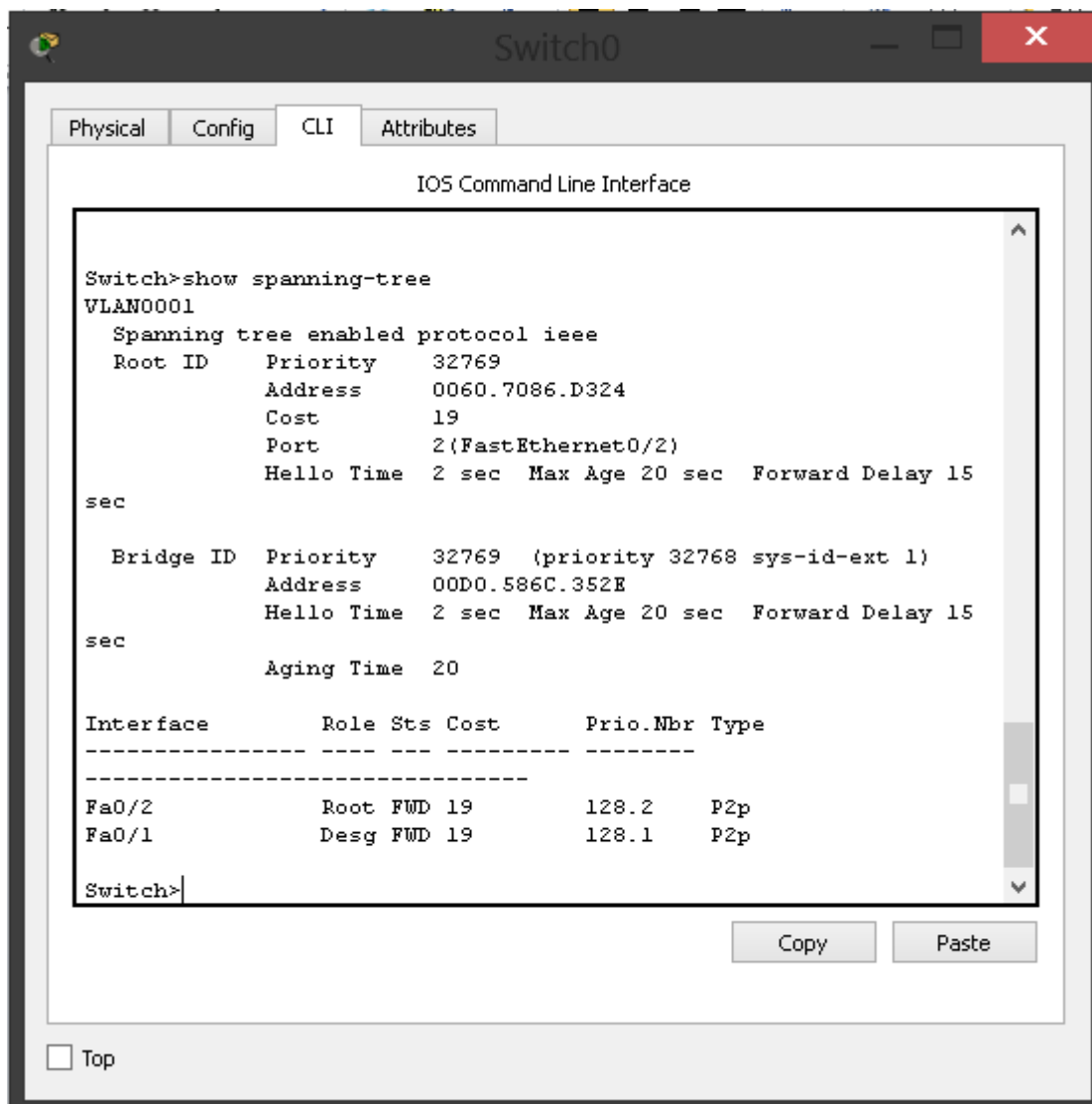
No	Variabel	Nilai
1	Root ID	32769 : 0001.9694.656E
2	Priority	32769
3	MAC Address	0050.0F11.3EBA
4	Bridge ID	32769 : 0050.0F11.3EBA
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Kegiatan 2

1. Topologi



SW 1



The screenshot shows a network switch window titled "Switch0" with tabs for Physical, Config, CLI, and Attributes. The CLI tab is active, displaying the output of the command "show spanning-tree". The output shows details for VLAN0001, including the spanning tree enabled protocol (IEEE), root ID, priority, address, cost, port, hello time, max age, and forward delay. It also shows the bridge ID, priority, address, hello time, max age, forward delay, and aging time. A table at the bottom lists the interfaces and their roles in the spanning tree.

```
Switch>show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0060.7086.D324
             Cost        19
             Port        2(FastEthernet0/2)
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15
sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address     00D0.586C.352E
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15
sec

             Aging Time  20

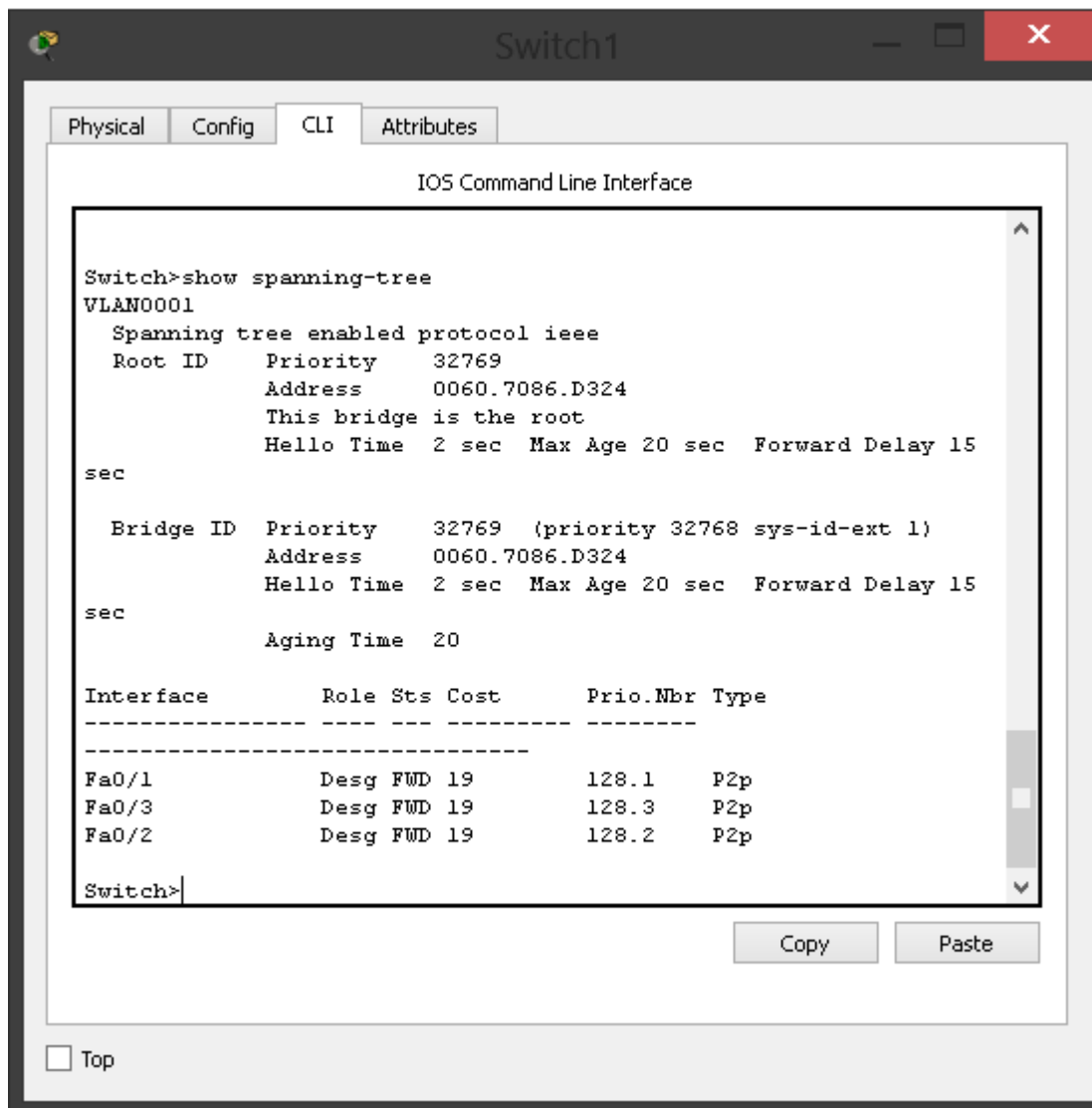
Interface          Role Sts Cost      Prio.Nbr Type
-----
Fa0/2              Root FWD 19        128.2    P2p
Fa0/1              Desg FWD 19        128.1    P2p

Switch>
```

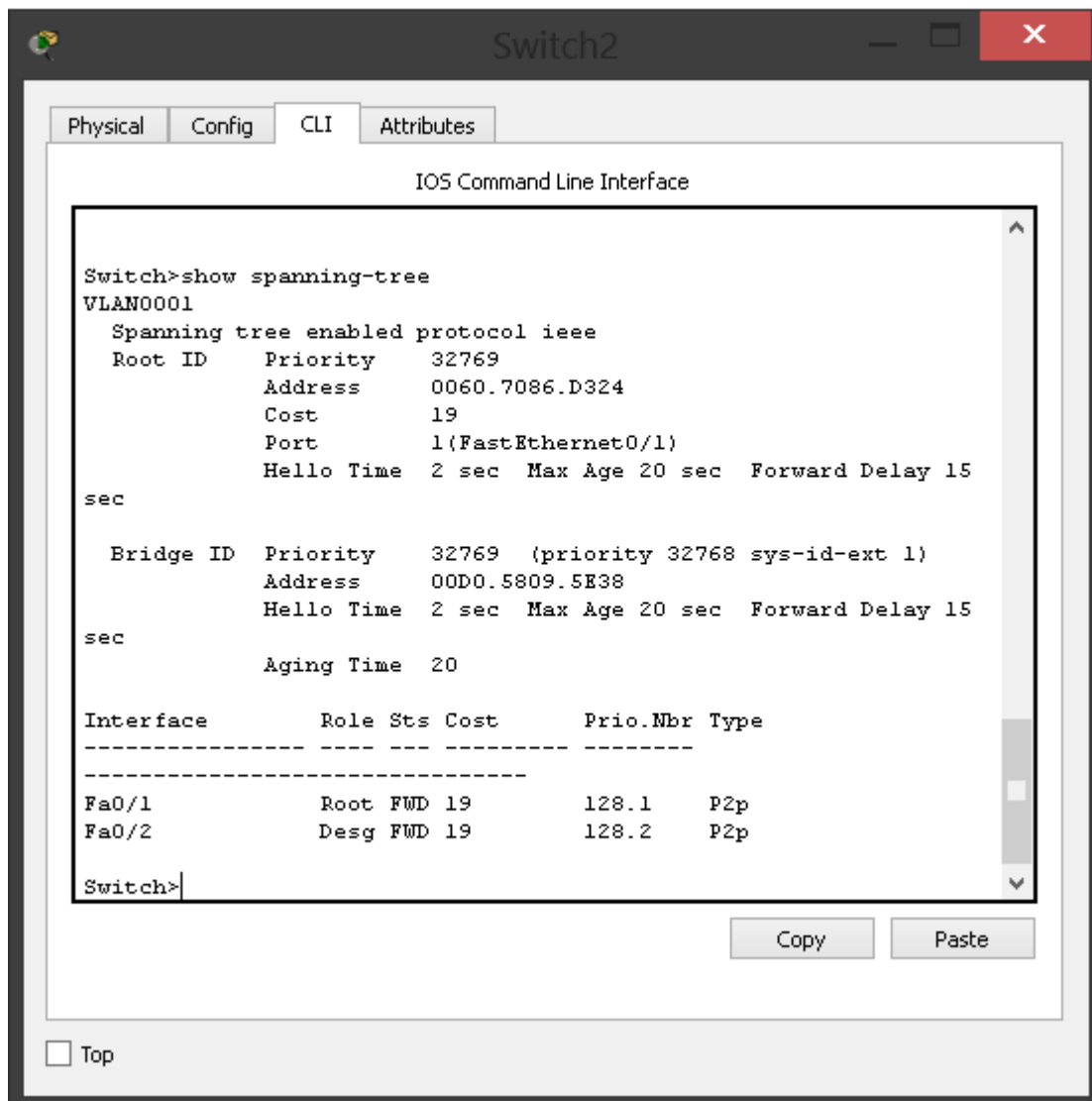
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SW2



SW3



SW 1

No	Variabel	Nilai
1	Root ID	32769 : 0060.7086.D324
2	Priority	32769
3	MAC Address	00D0.586C.352E
4	Bridge ID	32769 : 00D0.586C.352E
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

SW 2

No	Variabel	Nilai
1	Root ID	32769 : 0060.7086.D324
2	Priority	32769
3	MAC Address	0060.7086.D324
4	Bridge ID	32769 : 0060.7086.D324
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

SW 3

No	Variabel	Nilai
1	Root ID	32769 : 0060.7086.D324
2	Priority	32769
3	MAC Address	00D0.5809.5E38
4	Bridge ID	32769 : 00D0.5809.5E38
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec