Nama : Faras affifni zaki

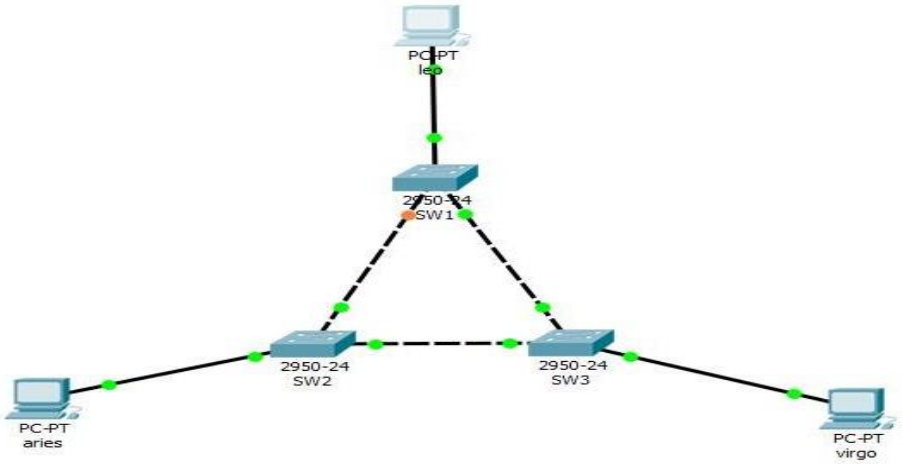
NIM : L200170069

Kelas : B

Modul : 6

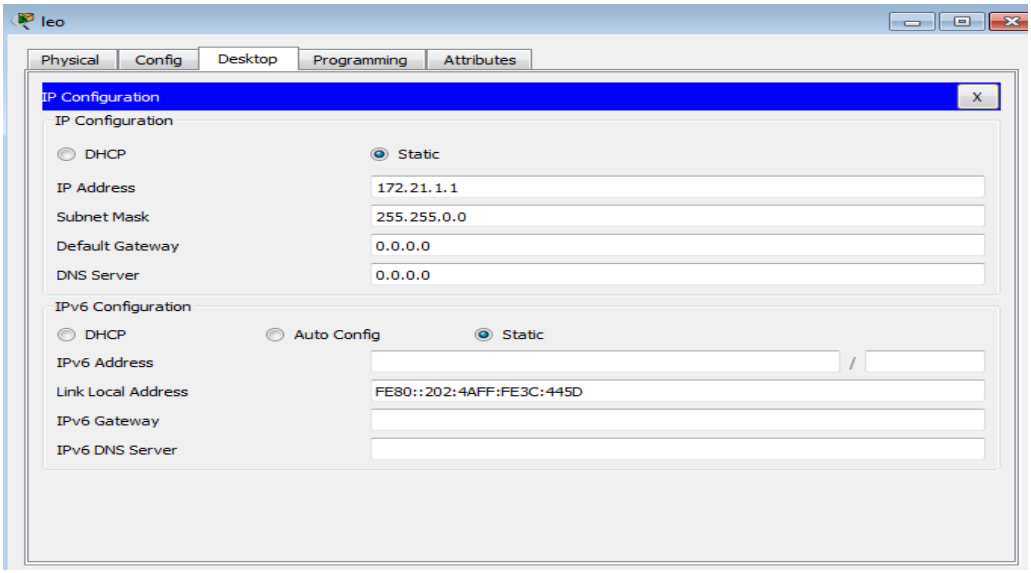
Kegiatan 1

1. Topologi

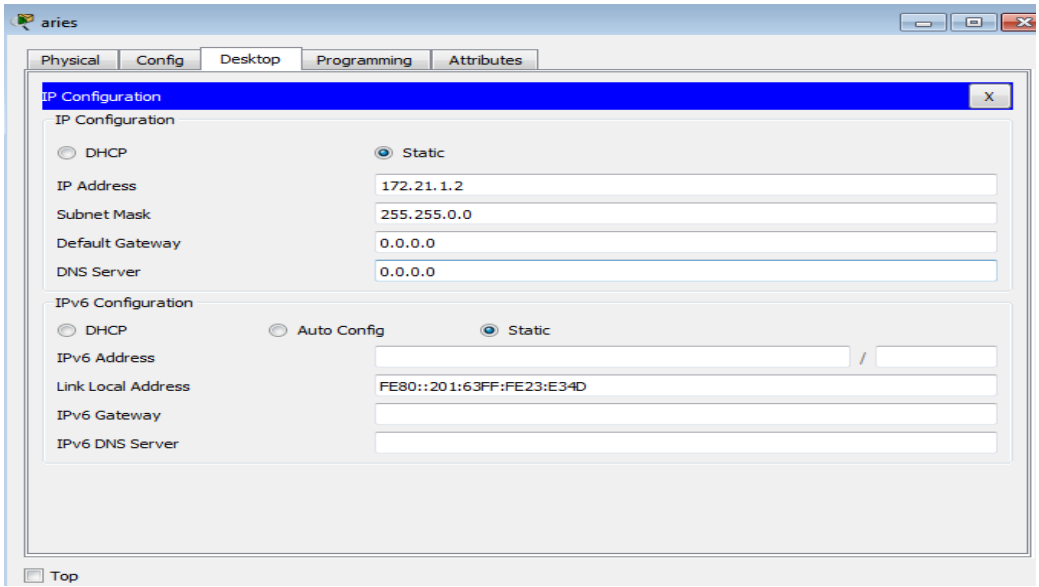


2. Konfigurasi alamat IP

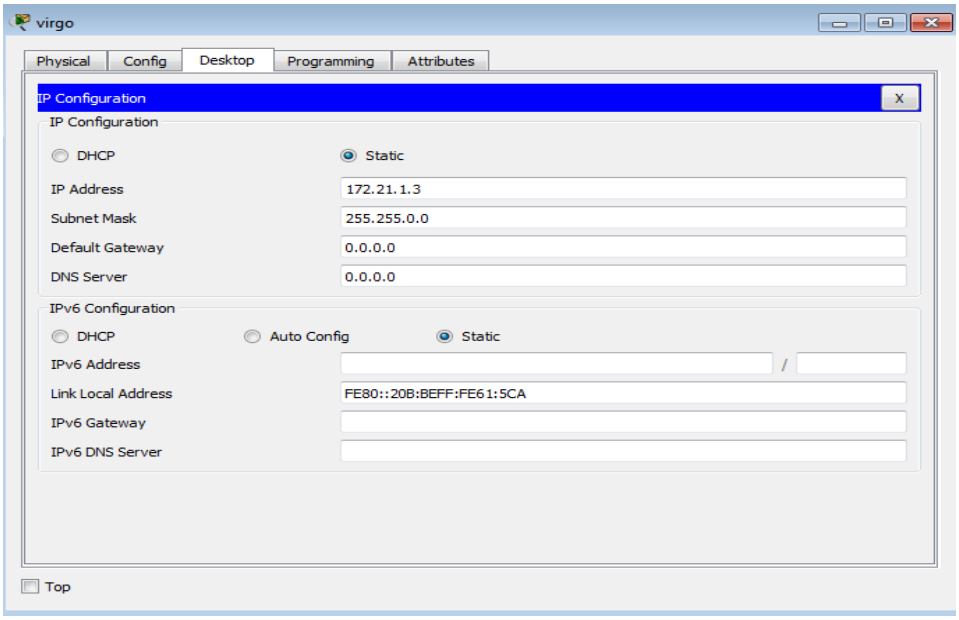
- Leo



- Aries

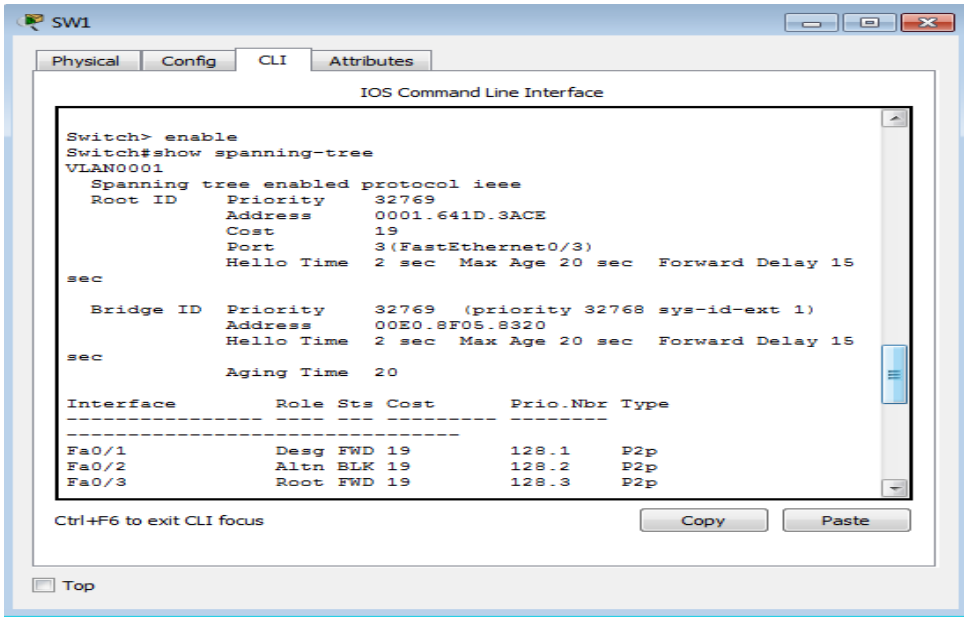


- Virgo

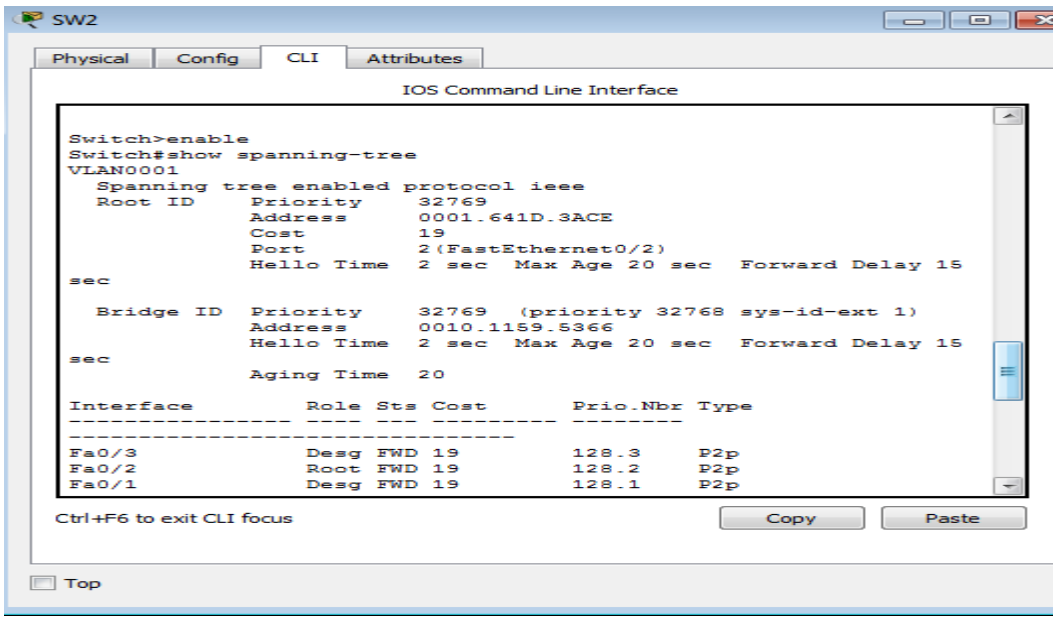


3. Show spanning-tree pada masing-masing switch

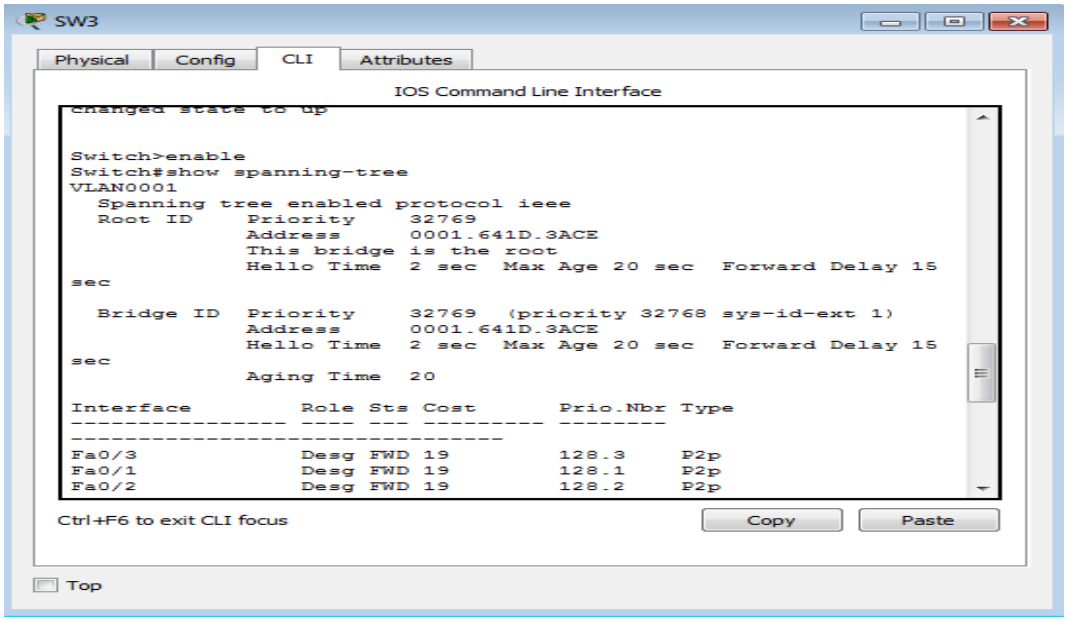
- SW1



- SW2


SW2
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch>enable
Switch#show spanning-tree
VLAN0001
Spanning tree enabled protocol ieee
Root ID Priority 32769
Address 0001.641D.3ACE
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 0010.1159.5366
Hello Time 2 sec Max Age 20 sec Forward Delay 15
sec
Aging Time 20
Interface Role Sts Cost Prio.Nbr Type
Fa0/3 Desg FWD 19 128.3 P2p
Fa0/2 Root FWD 19 128.2 P2p
Fa0/1 Desg FWD 19 128.1 P2p
Ctrl+F6 to exit CLI focus
Copy
Paste
Top

- SW3


SW3
Physical
Config
CLI
Attributes
IOS Command Line Interface
changed state to up
Switch>enable
Switch#show spanning-tree
VLAN0001
Spanning tree enabled protocol ieee
Root ID Priority 32769
Address 0001.641D.3ACE
This bridge is the root
Hello Time 2 sec Max Age 20 sec Forward Delay 15
sec
Bridge ID Priority 32769 (priority 32768 sys-id-ext 1)
Address 0001.641D.3ACE
Hello Time 2 sec Max Age 20 sec Forward Delay 15
sec
Aging Time 20
Interface Role Sts Cost Prio.Nbr Type
Fa0/3 Desg FWD 19 128.3 P2p
Fa0/1 Desg FWD 19 128.1 P2p
Fa0/2 Desg FWD 19 128.2 P2p
Ctrl+F6 to exit CLI focus
Copy
Paste
Top

Tabel SW1

No	Variabel	Nilai
1.	Root ID	32769, 001.641D.3ACE
2.	Priority	32769
3.	MAC Address	001.641D.3ACE
4.	Bridge ID	32769, 00E0.8F05.8320
5.	Cost (0/1; 0/2; 0/3)	0/1 : 19; 0/2 : 19; 0/3 : 19
6.	Hello Time	2 sec
7.	Max Age	20 sec
8.	Forward Delay	15 sec

Tabel SW2

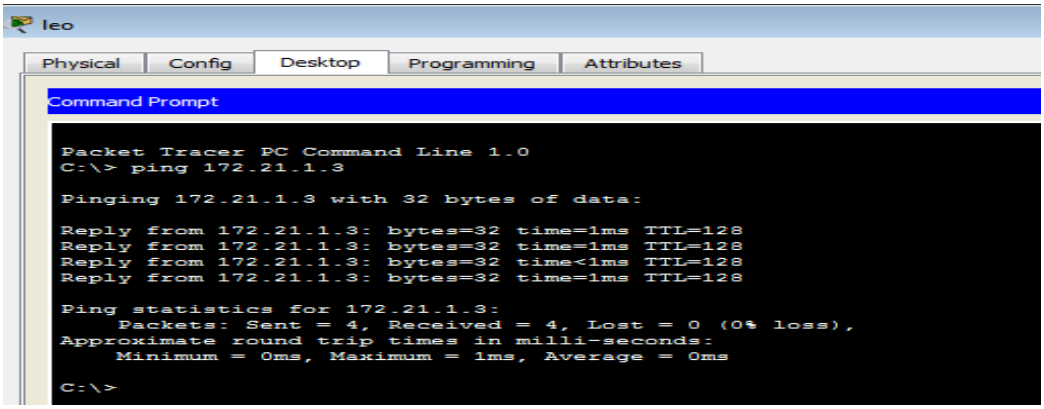
No	Variabel	Nilai
1.	Root ID	32769, 001.641D.3ACE
2.	Priority	32769
3.	MAC Address	001.641D.3ACE
4.	Bridge ID	32769, 0010.1159.5366
5.	Cost (0/1; 0/2; 0/3)	0/1 : 19; 0/2 : 19; 0/3 : 19
6.	Hello Time	2 sec
7.	Max Age	20 sec
8.	Forward Delay	15 sec

Tabel SW3

No	Variabel	Nilai
1.	Root ID	32769, 001.641D.3ACE
2.	Priority	32769
3.	MAC Address	001.641D.3ACE
4.	Bridge ID	32769, 001.641D.3ACE
5.	Cost (0/1; 0/2; 0/3)	0/1 : 19; 0/2 : 19; 0/3 : 19
6.	Hello Time	2 sec
7.	Max Age	20 sec
8.	Forward Delay	15 sec

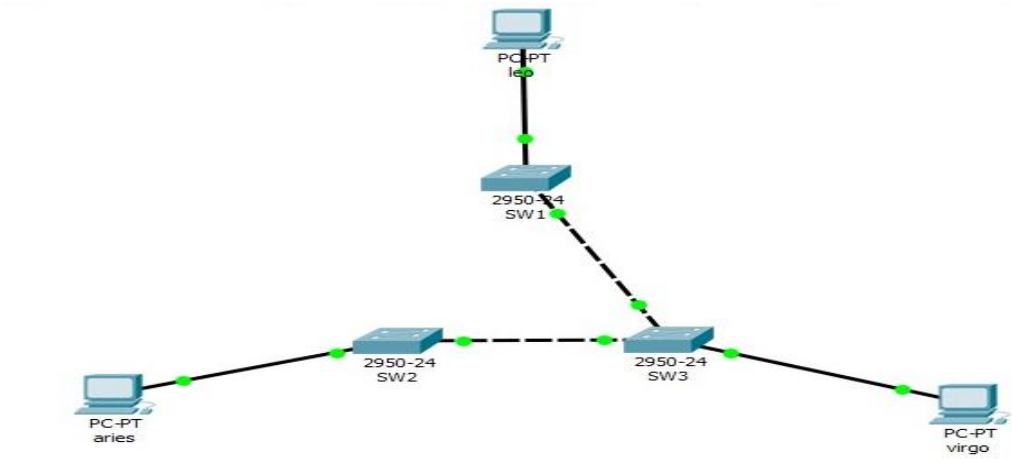
- Root bridge : SW3
- Designated bridge : SW1
- Root port : SW2
- Designated port : -
- Port kondisi forwarding
  - SW1 : Fa 0/1, Fa 0/3
  - SW2 : Fa 0/1, Fa 0/2, Fa 0/3
  - SW3 : Fa 0/1, Fa 0/2, Fa 0/3
- Port kondisi blocking : SW1 Fa 0/2

4. Ping dari PC Leo ke PC Virgo



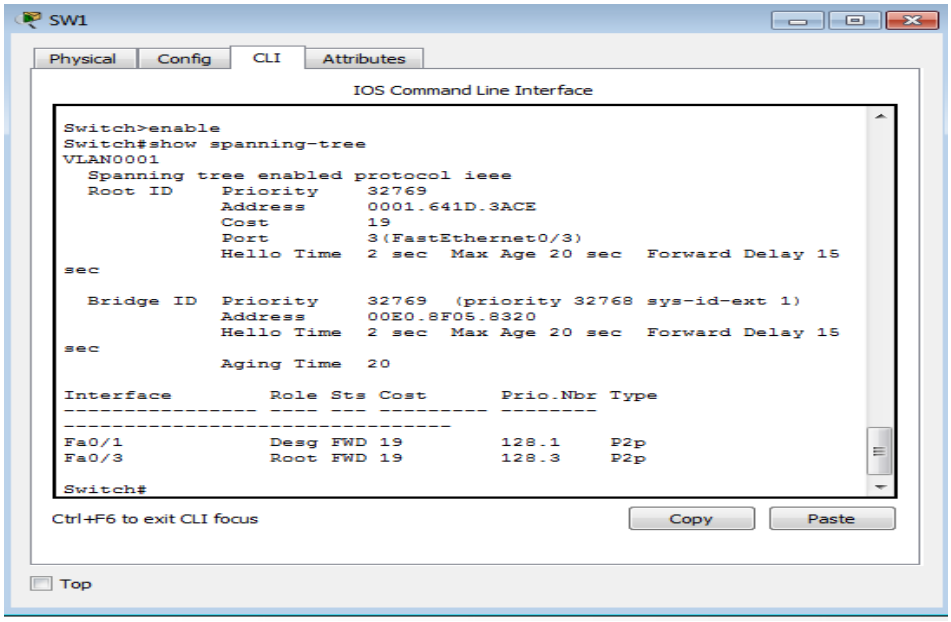
Kegiatan 2

1.

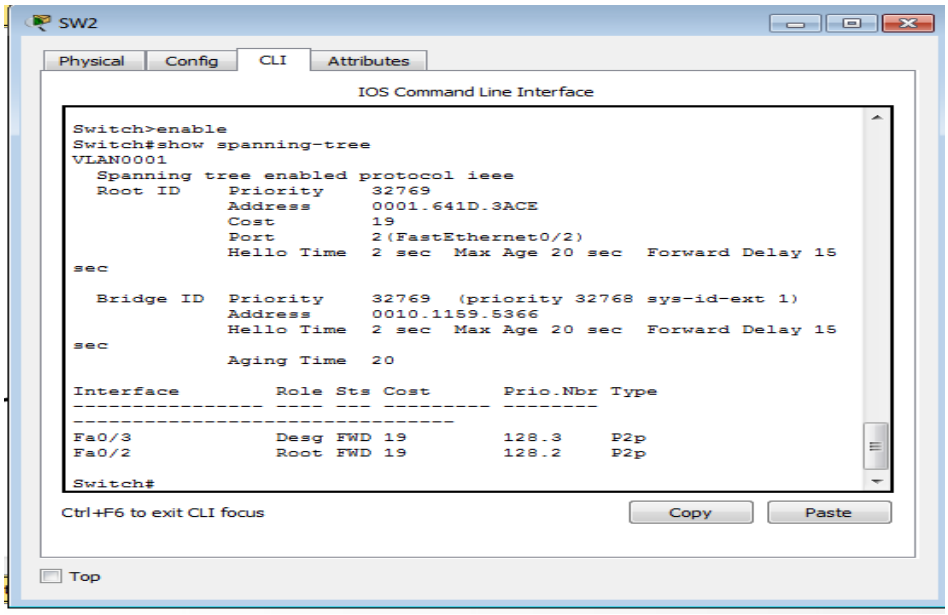


2. Show spanning tree pada masing-masing switch

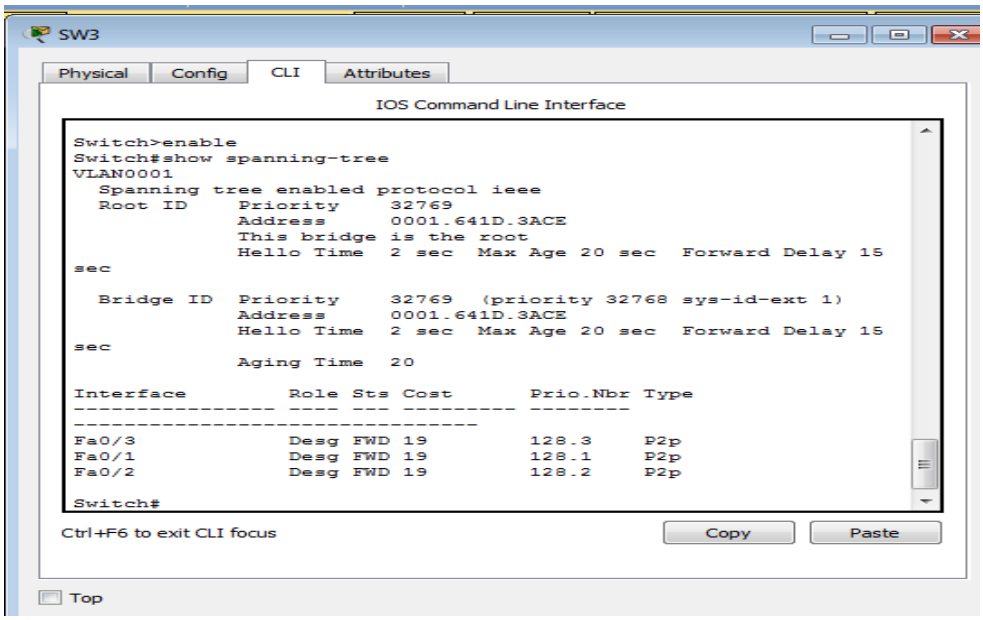
- SW1



- SW2



- SW3



Tabel SW1

No	Variabel	Nilai
1.	Root ID	32769, 001.641D.3ACE
2.	Priority	32769
3.	MAC Address	001.641D.3ACE
4.	Bridge ID	32769, 00E0.8F05.8320
5.	Cost (0/1; 0/2; 0/3)	0/1 : 19; 0/3 : 19
6.	Hello Time	2 sec
7.	Max Age	20 sec
8.	Forward Delay	15 sec

Tabel SW2

No	Variabel	Nilai
1.	Root ID	32769, 001.641D.3ACE
2.	Priority	32769
3.	MAC Address	001.641D.3ACE
4.	Bridge ID	32769, 0010.1159.5366
5.	Cost (0/1; 0/2; 0/3)	0/2 : 19; 0/3 : 19
6.	Hello Time	2 sec
7.	Max Age	20 sec
8.	Forward Delay	15 sec

Tabel SW3

No	Variabel	Nilai
1.	Root ID	32769, 001.641D.3ACE
2.	Priority	32769
3.	MAC Address	001.641D.3ACE
4.	Bridge ID	32769, 001.641D.3ACE
5.	Cost (0/1; 0/2; 0/3)	0/1 : 19; 0/2 : 19; 0/3 : 19
6.	Hello Time	2 sec
7.	Max Age	20 sec
8.	Forward Delay	15 sec

- Root bridge : SW3
- Designated bridge : -
- Root port : SW1, SW2
- Designated port : -

- Port kondisi forwarding
  - SW1 : Fa 0/1, Fa 0/3
  - SW2 : Fa 0/2, Fa 0/3
  - SW3 : Fa 0/1, Fa 0/2, Fa 0/3
- Port kondisi blocking : -