

Nama : Astrin Indah Melliana

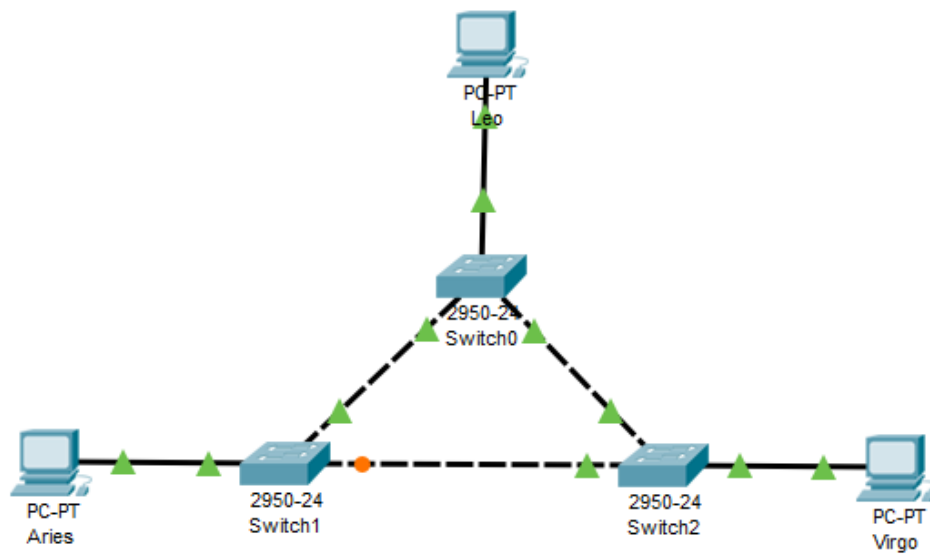
Kelas : A

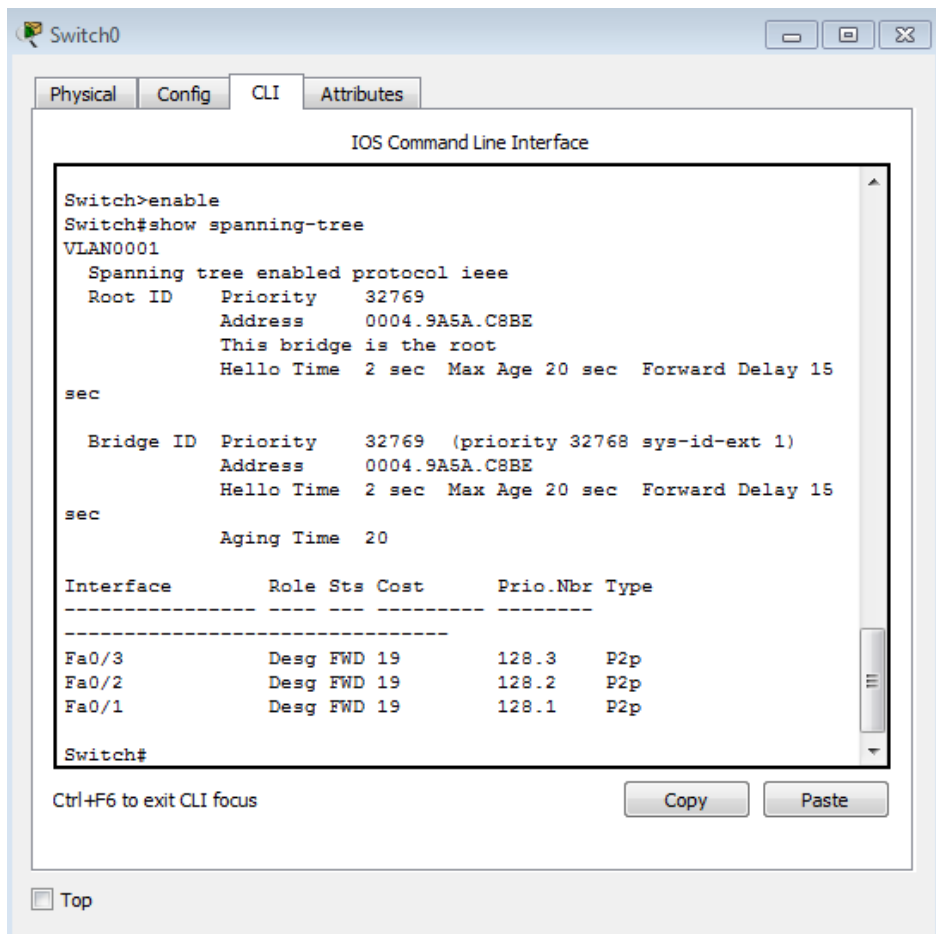
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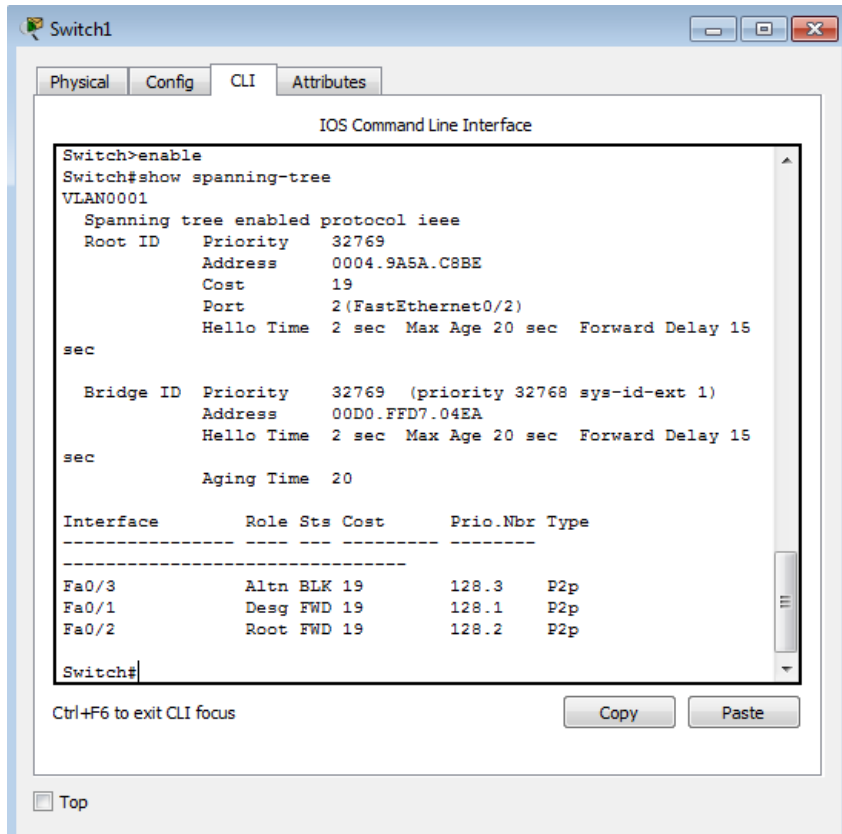
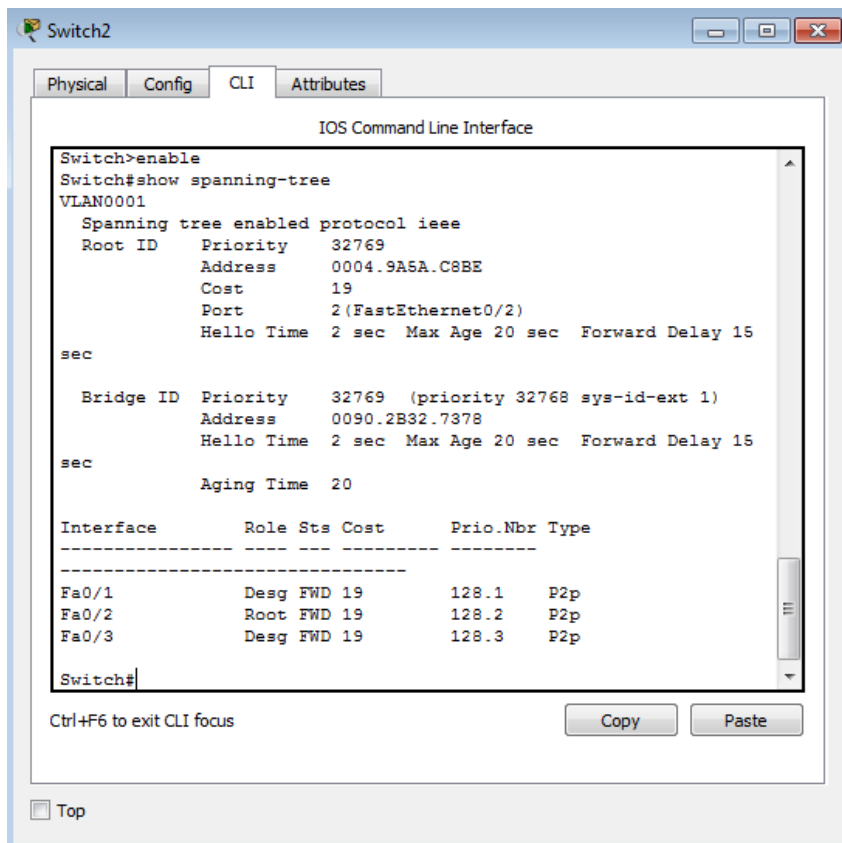
## MODUL 6

### SPANNING TREE PROTOCOL

#### Kegiatan 1







## SW 1

Root ID : 32769, 0004.9A5A.C8BE

Priority : 32769

MAC Address : 0004.9A5A.C8BE

Bridge Id : 32769, 0004.9A5A.C8BE

Cost : 19

Hello time : 2 sec

Max Age : 20 sec

Forward Delay : 15

Interface	Role	Sts	Cost
Fa 0/3	Desg	FWD	19
Fa 0/2	Desg	FWD	19
Fa 0/1	Desg	FWD	19

## SW 2

Root ID : 32769, 0004.9A5A.C8BE

Priority : 32769

MAC Address : 0004.9A5A.C8BE

Bridge Id : 32769, 0090.2B32.7378

Cost : 19

Hello time : 2 sec

Max Age : 20 sec

Forward Delay : 15

Interface	Role	Sts	Cost
Fa 0/1	Desg	FWD	19
Fa 0/2	Root	FWD	19
Fa 0/3	Desg	FWD	19

### SW 3

Root ID : 32769, 0004.9A5A.C8BE

Priority : 32769

MAC Address : 0004.9A5A.C8BE

Bridge Id : 32769, 00D0.FFD7.04EA

Cost : 19

Hello time : 2 sec

Max Age : 20 sec

Forward Delay : 15

Interface	Role	Sts	Cost
Fa 0/3	Altn	BLK	19
Fa 0/1	Desg	FWD	19
Fa 0/2	Root	FWD	19

Root Bridge : SW 1

Designated bridge : SW 1 (Fa 0/1, Fa 0/2, Fa 0/3)

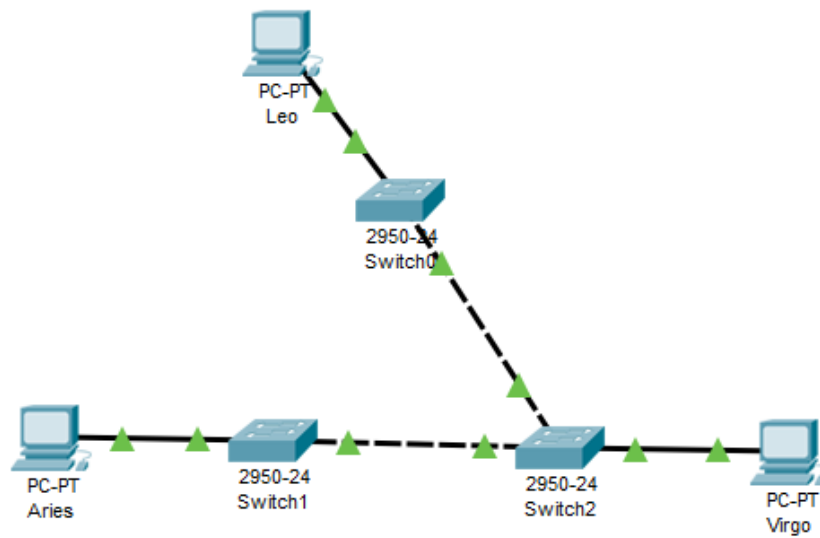
Root port : SW 2 (Fa 0/2) dan SW 3 (Fa 0/2)

Designated port : SW 2 ( Fa 0/1 dan Fa 0/3) dan SW 3 (Fa 0/1)

Berada pada kondisi *forwarding* : SW 1 dan SW 2

Berada pada kondisi *blocking* : SW 3

## Kegiatan 2



Switch0

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     000D.BD72.A792
             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     000D.BD72.A792
             Hello Time 2 sec Max Age 20 sec Forward Delay 15
sec
             Aging Time 20

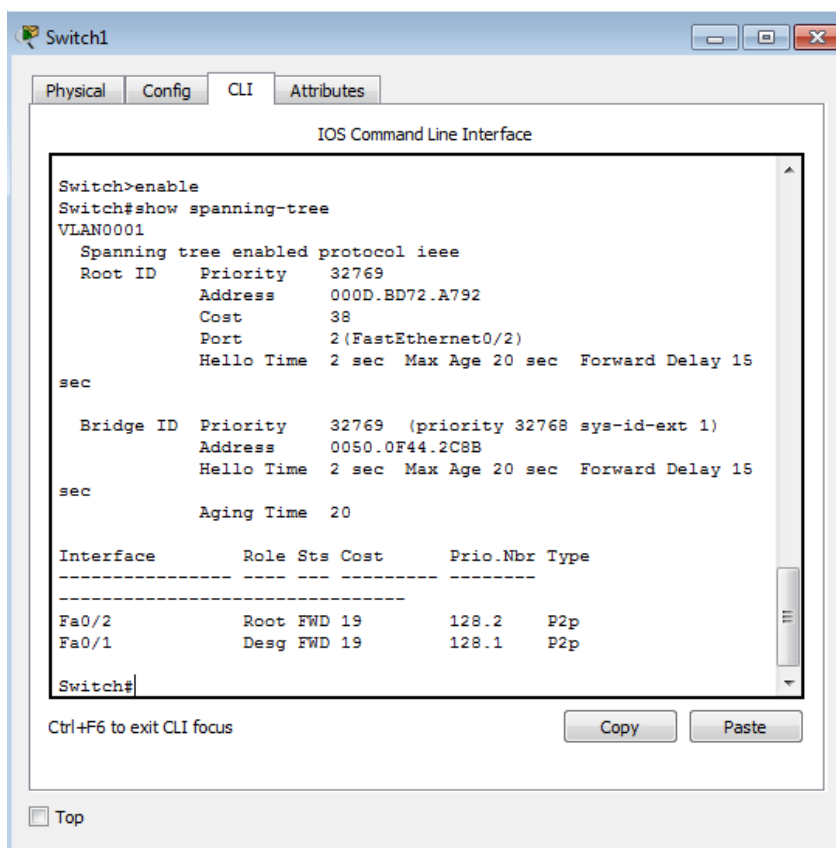
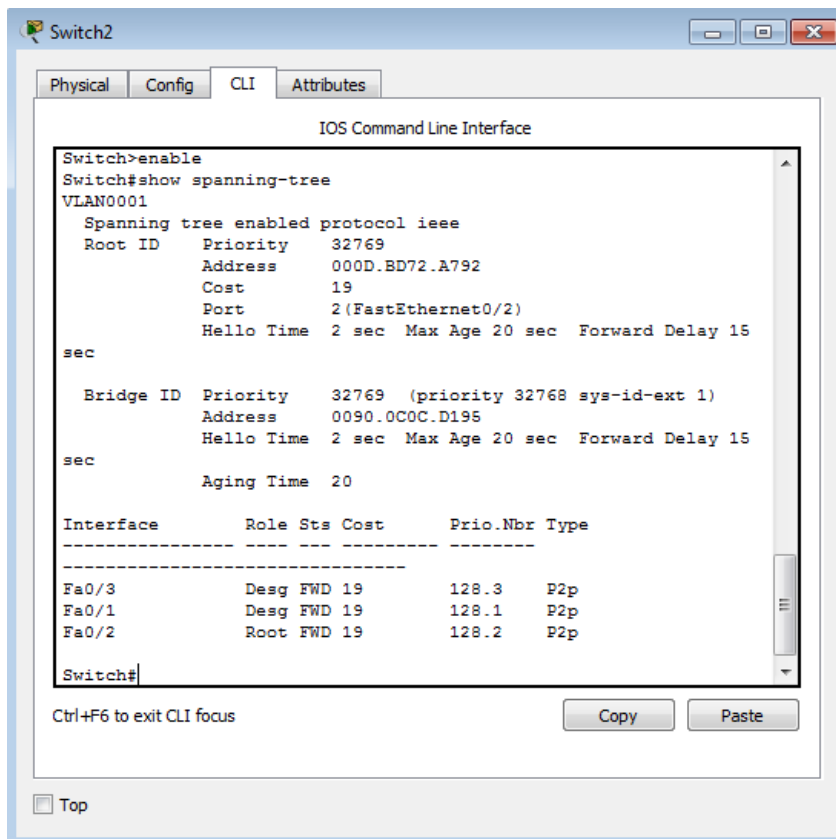
Interface    Role Sts Cost      Prio.Nbr Type
-----
Fa0/1        Desg FWD 19       128.1    P2p
Fa0/2        Desg FWD 19       128.2    P2p

Switch#
```

Ctrl+F6 to exit CLI focus

Copy Paste

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## SW 1

Root ID : 32769, 000D.BD72.A792

Priority : 32769

MAC Address : 000D.BD72.A792

Bridge Id : 32769, 000D.BD72.A792

Cost : 19

Hello time : 2 sec

Max Age : 20 sec

Forward Delay : 15

Interface	Role	Sts	Cost
Fa 0/1	Desg	FWD	19
Fa 0/2	Desg	FWD	19

## SW 2

Root ID : 32769, 000D.BD72.A792

Priority : 32769

MAC Address : 000D.BD72.A792

Bridge Id : 32769, 0090.0C0C.D195

Cost : 19

Hello time : 2 sec

Max Age : 20 sec

Forward Delay : 15

Interface	Role	Sts	Cost
Fa 0/3	Desg	FWD	19
Fa 0/1	Desg	FWD	19
Fa 0/2	Root	FWD	19



### SW 3

Root ID : 32769, 000D.BD72.A792

Priority : 32769

MAC Address : 000D.BD72.A792

Bridge Id : 32769, 0050.0F44.2C8B

Cost : 19

Hello time : 2 sec

Max Age : 20 sec

Forward Delay : 15

Interface	Role	Sts	Cost
Fa 0/2	Root	FWD	19
Fa 0/1	Desg	FWD	19

Root Bridge : SW 2

Designated Bridge : SW 2 (Fa 0/1 , Fa 0/2 dan Fa 0/3)

Root port : SW 2 (Fa 0/2) dan SW 3 (Fa 0/2)

Designated Port : SW 1 (Fa 0/1 dan Fa 0/2) dan SW 3 (Fa 0/1)

Berada pada kondisi *forwarding* : SW 1 , SW 2 dan SW 3

Berada pada kondisi *blocking* : -