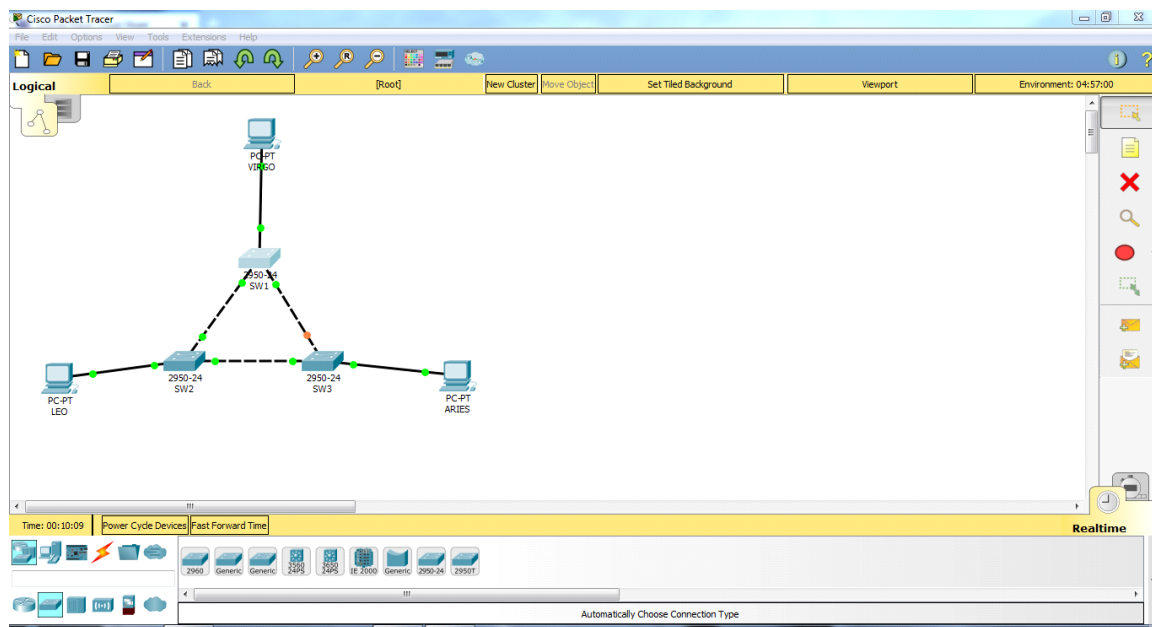


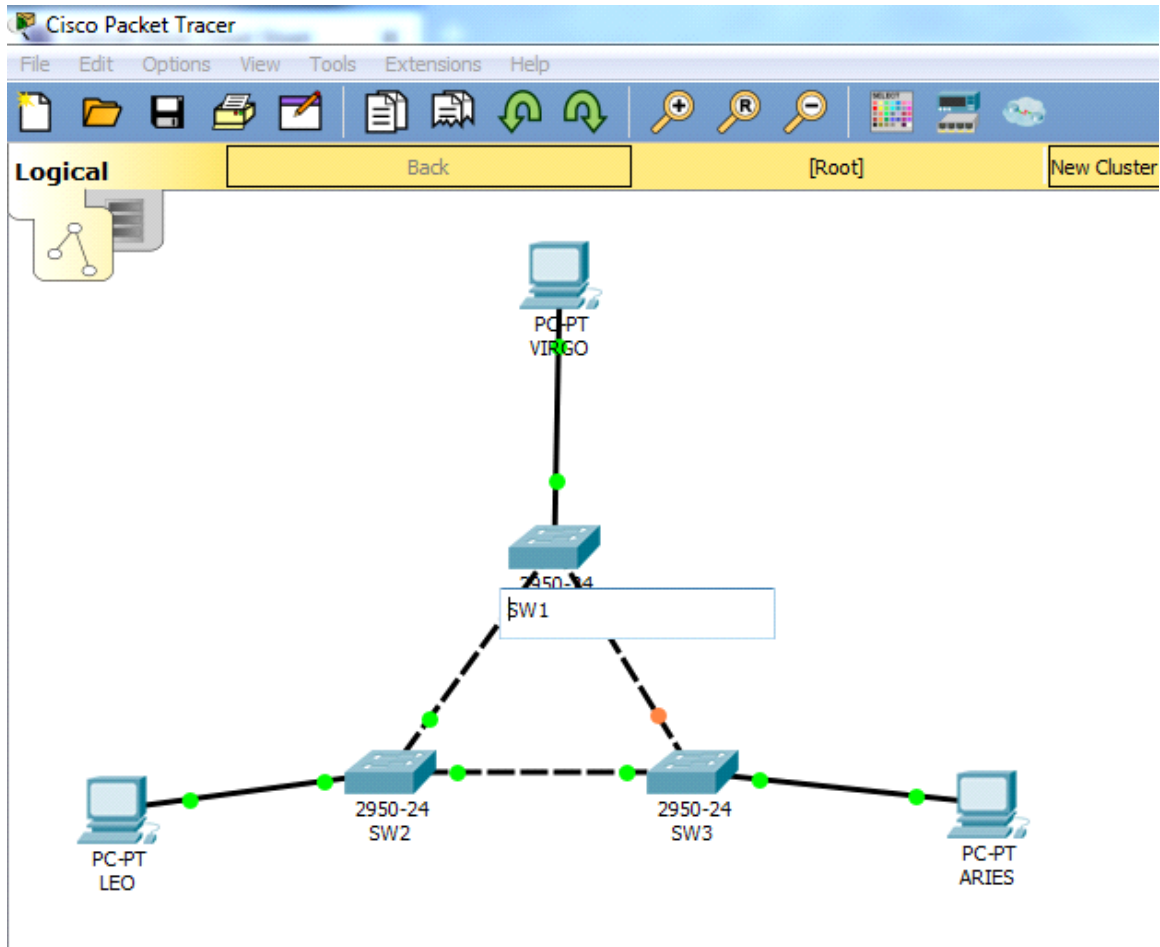
Nama : NARENDRA GUSTIAJI
NIM : L200170151
Kelas : D

Kegiatan Praktikum Jarkom Modul VI

1. Cara membuat topologi dengan ketentuan berisi 3 switch catalist 2950 dan 3 PC



2. Memberikan nama switch menjadi SW1, SW2, SW3



3. Konfigurasi alamat ip pada masing-masing PC yang sudah dinamai

LEO

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 172.21.1.1

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::260:2FFF:FE2C:420E

IPv6 Gateway

IPv6 DNS Server

Top

VIRGO

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 172.21.1.3

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

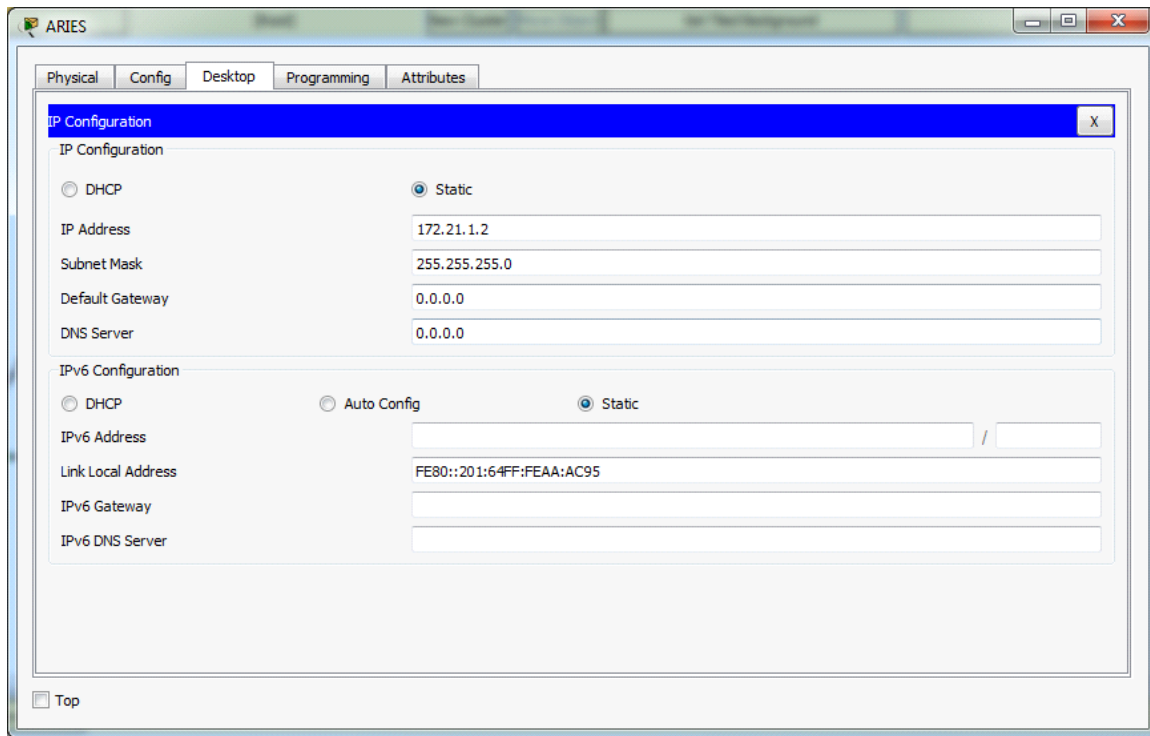
IPv6 Address /

Link Local Address FE80::20C:CFFF:FE25:C35D

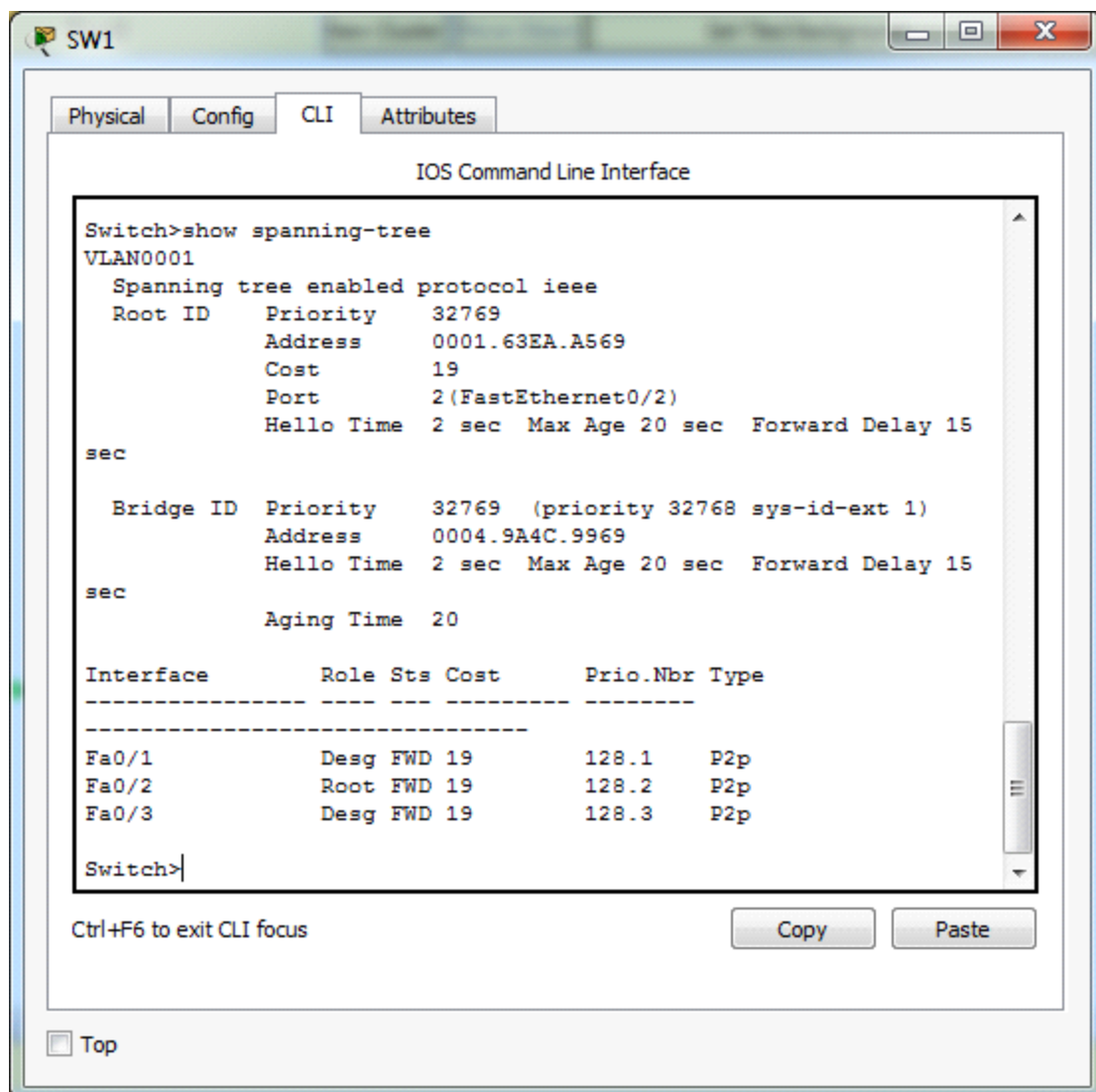
IPv6 Gateway

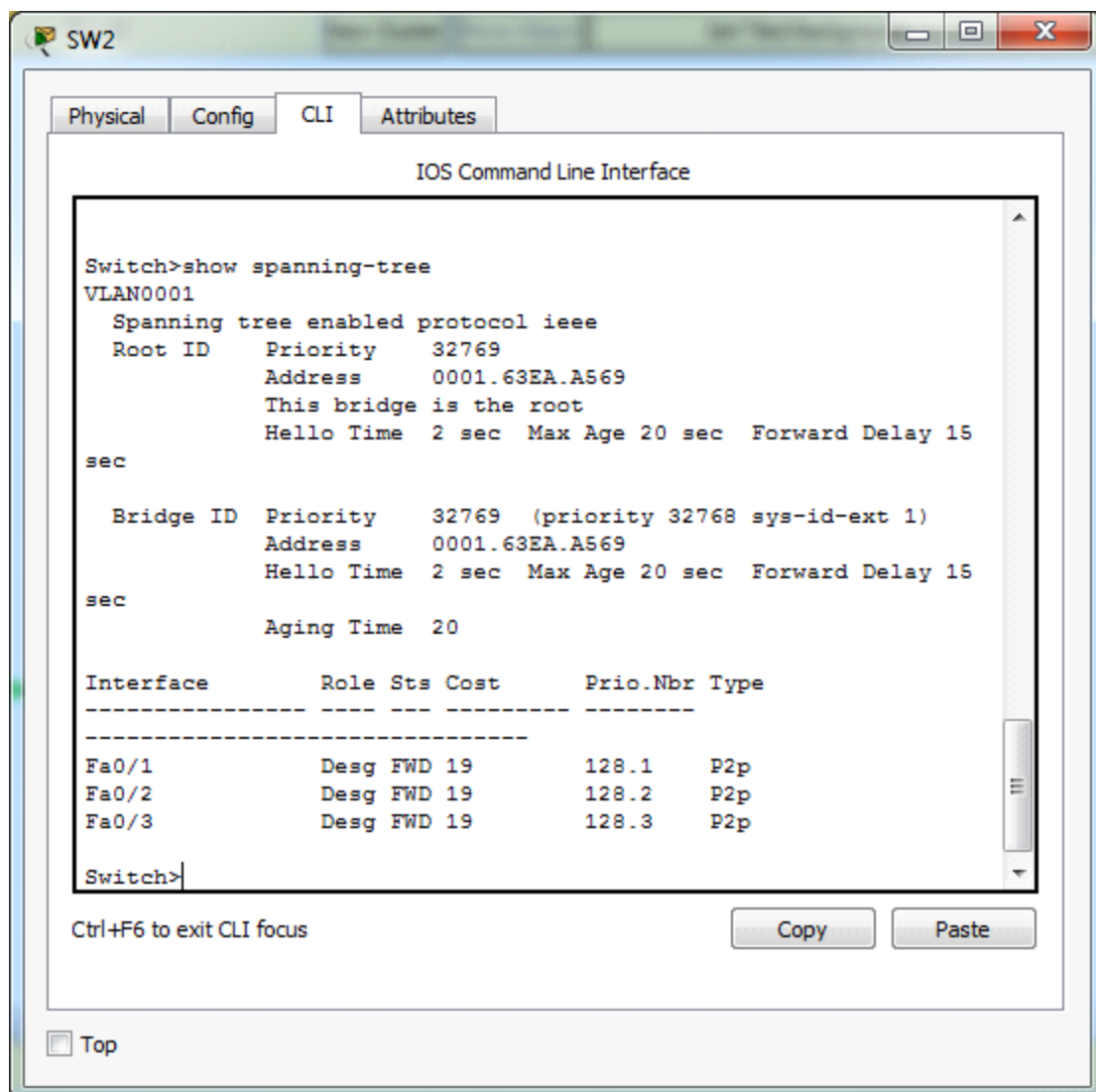
IPv6 DNS Server

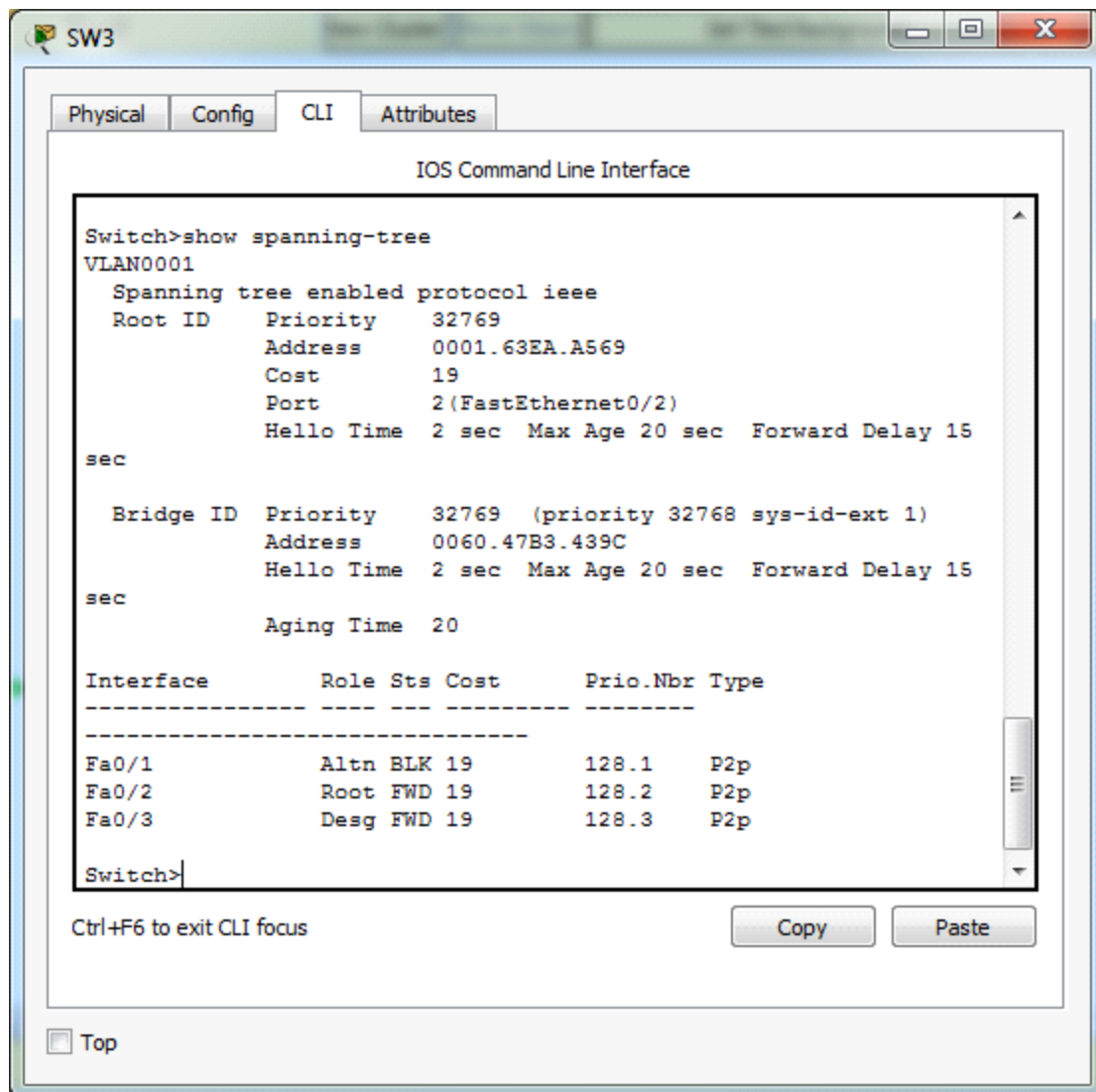
Top



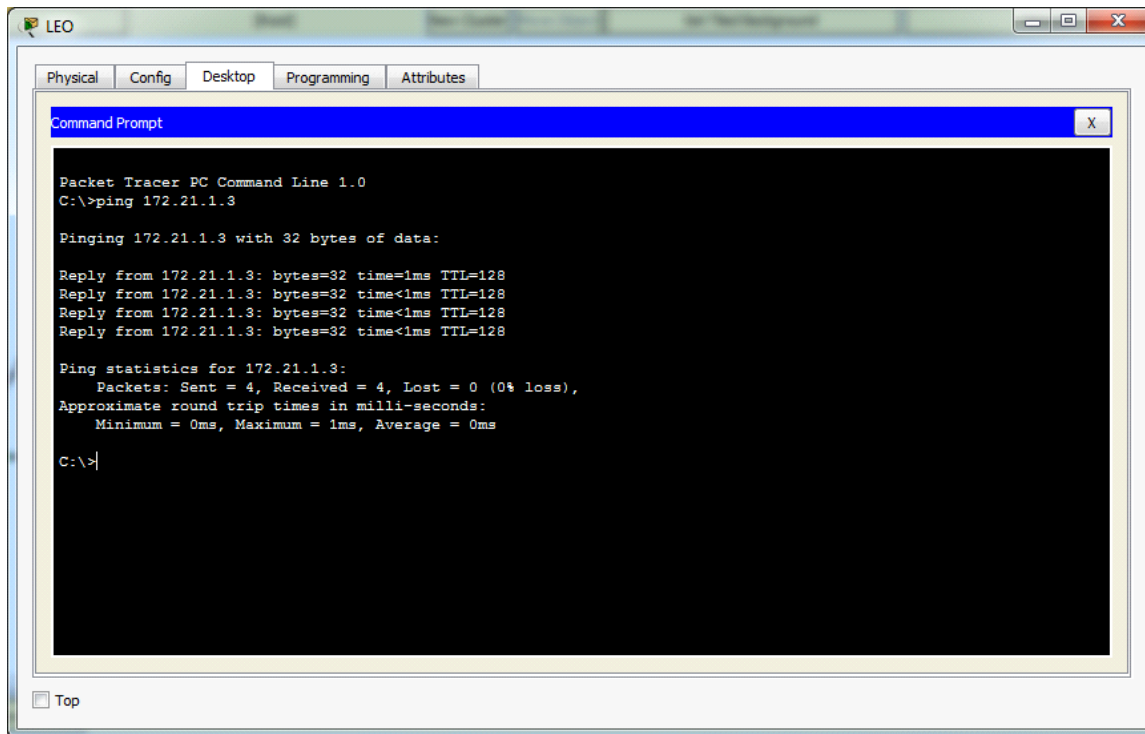
4. Melihat status STP pada masing-masing switch



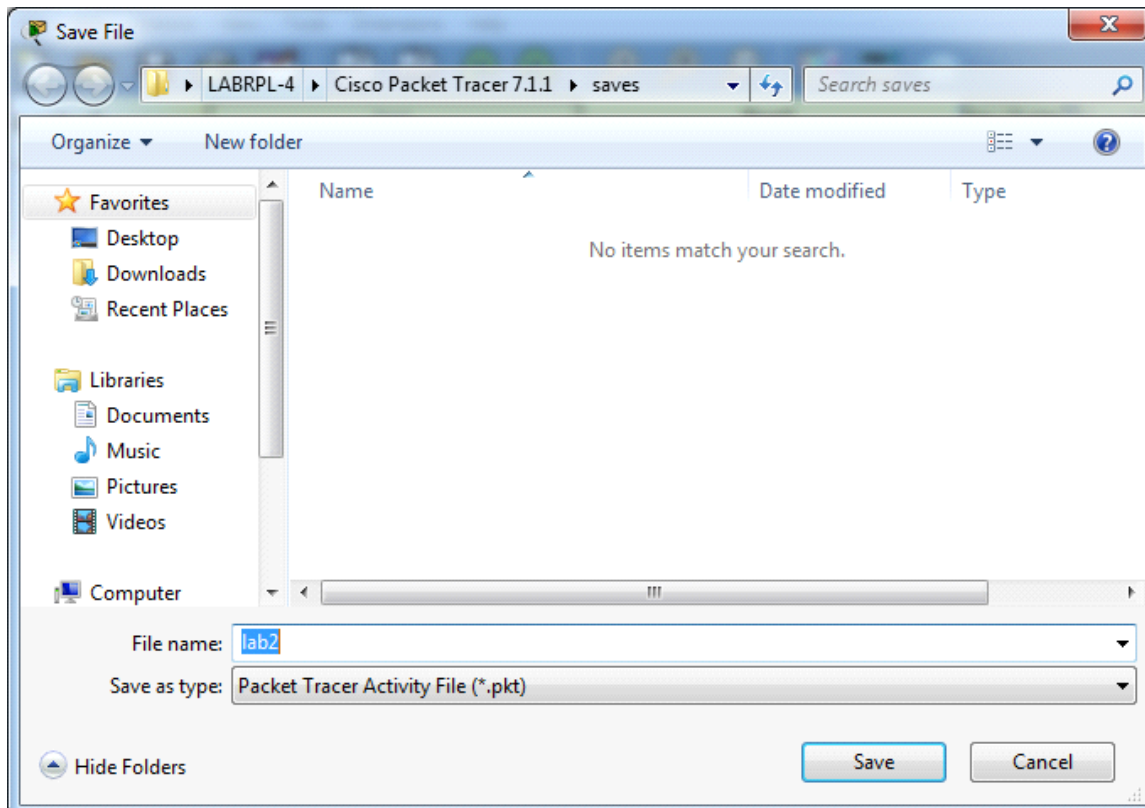




5. Tes ping dari PC LEO ke PC Virgo

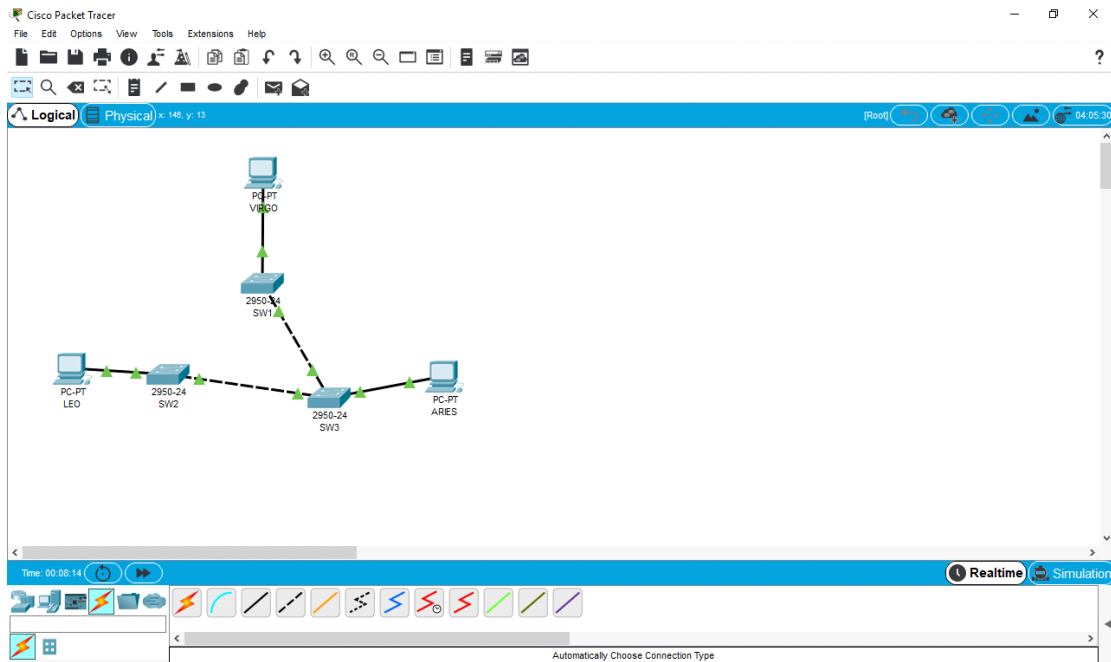


6. Menyimpan dengan nama lab2.pkt



Kegiatan 2

1. Membuka konfigurasi pada lab2.pkt, lalu mengubah topologi menjadi seperti pada modul



2. Melakukan langkah 4 dan 5 seperti pada kegiatan 1

IOS Command Line Interface

```
Switch>show spanning tree
```

```
% Invalid input detected at '^' marker.
```

```
Switch>show spanning-tree
```

```
VLAN0001
```

```
Spanning tree enabled protocol ieee
```

```
Root ID    Priority    32769
           Address      0000.0CD8.57EA
           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      00E0.F733.DE7A
           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>
```

Ctrl+F6 to exit CLI focus

Copy

Paste

IOS Command Line Interface

LINK 5 CHANGED: Interface FastEthernet0/2, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

Switch>show spanning-tree

VLAN0001

Spanning tree enabled protocol ieee

Root ID Priority 32769
 Address 0000.0CD8.57EA
 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 00E0.F775.6835
 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

Switch>

Ctrl+F6 to exit CLI focus

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IOS Command Line Interface

LINK 3 CHANGED: Interface FastEthernet0/3, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up

Switch>show spanning-tree

VLAN0001

Spanning tree enabled protocol ieee

Root ID Priority 32769
 Address 0000.0CD8.57EA
 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 0000.0CD8.57EA
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

Switch>

Ctrl+F6 to exit CLI focus

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