

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Back [Root] New Cluster Move Object Set Tiled Background Viewport Environment: 10:25:30

Switch1

IOS Command Line Interface

```

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

Switch>
Switch>
Switch>
Switch>enable
Switch>show spanning-tree
^
% Invalid input detected at '^' marker.

Switch>show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
    Root ID    Priority    32769
              Address    0001.96A4.DC4B
              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    0001.96A4.DC4B
              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      Altn BLK 19   128.1 P2p
  Fa0/2      Root FWD 19   128.2 P2p

Switch#
  
```

Ctrl+F6 to exit CLI focus

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Time: 00:21:07 Power Cycle Devices Fast Forward Time Realtime

Automatically Choose Connection Type

4:28 28/03/2019

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Back [Root] New Cluster Move Object Set Tiled Background Viewport Environment: 10:32:00

Switch1

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    0001.96A4.DC4B
              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    0090.2BA1.5509
              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      Altn BLK 19   128.1 P2p
  Fa0/2      Root FWD 19   128.2 P2p

Switch#
  
```

Ctrl+F6 to exit CLI focus

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Time: 00:21:21 Power Cycle Devices Fast Forward Time Realtime

Automatically Choose Connection Type

4:28 28/03/2019

SW1

<i>NO</i>	<i>Variable</i>	<i>Nilai</i>
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.96A4.DC4B
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

SW2

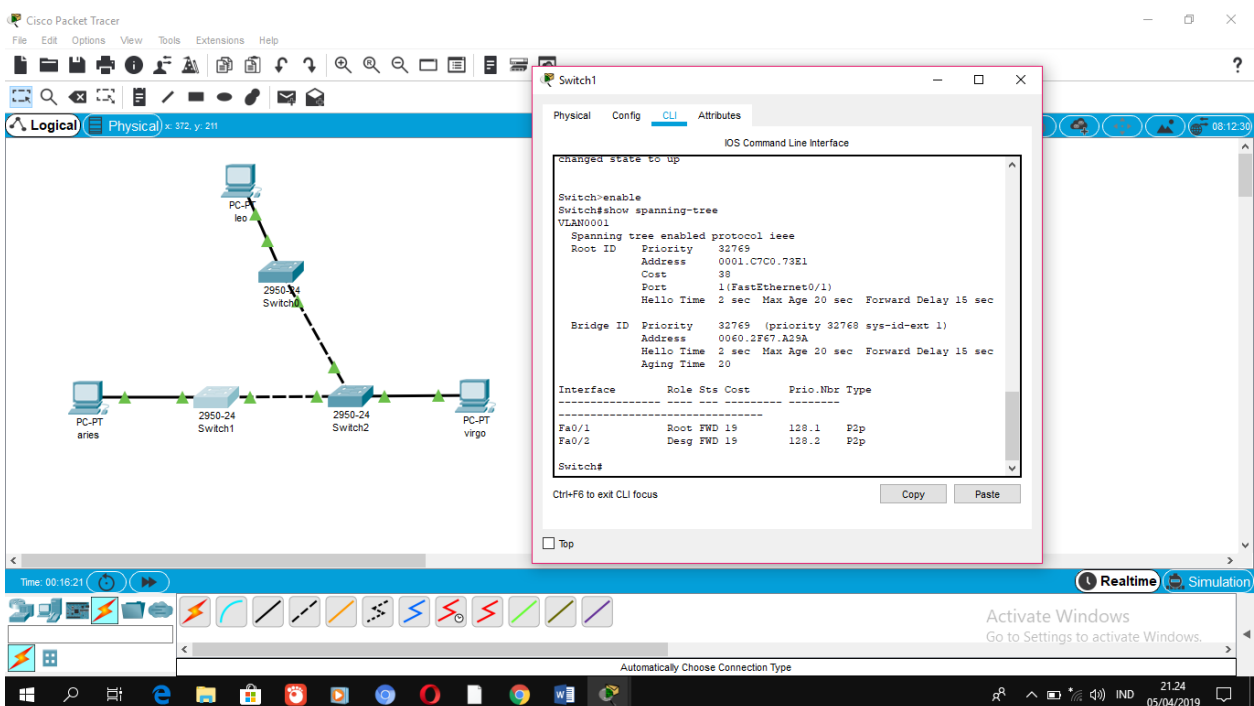
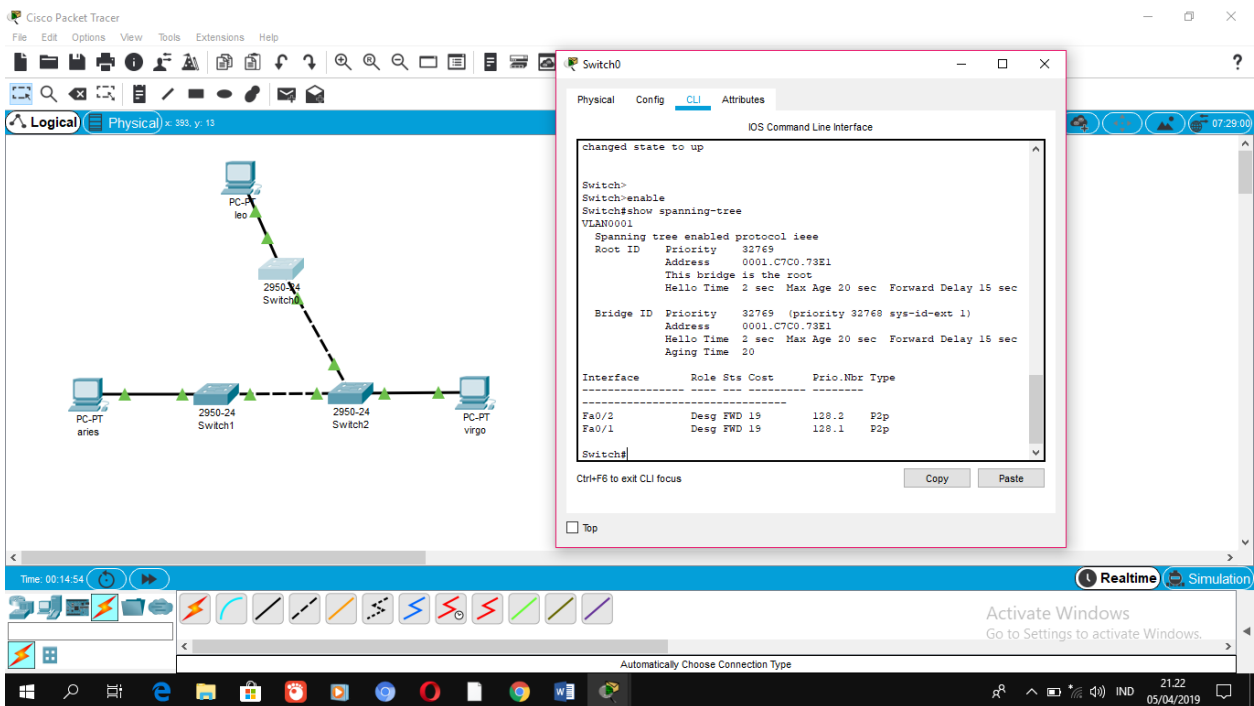
<i>NO</i>	<i>Variable</i>	<i>Nilai</i>
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.96A4.DC4B
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	Is the root
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

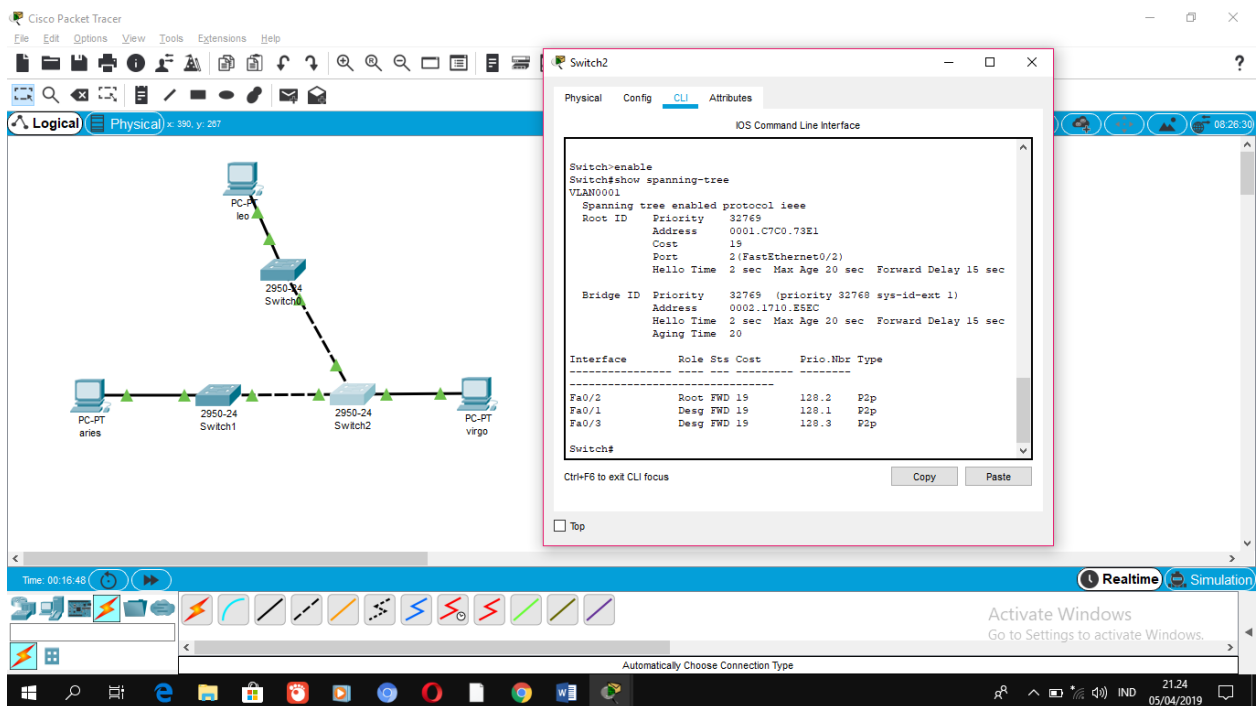
SW3

<i>NO</i>	<i>Variable</i>	<i>Nilai</i>
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.96A4.DC4B
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Pada kondisi *default* tersebut, switch dan port mana saja yang :

1. Menjadi Root Bridge: SW2, SW1
2. Menjadi Designated Bridge : SW3, SW1
3. Menjadi Root Port : SW2, SW1
4. Menjadi Designated Port : SW3





SW1

NO	Variable	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C7C0.73E1
4	Bridge ID	32769
5	Cost (0/1;0/2)	19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

SW2

<i>NO</i>	<i>Variable</i>	<i>Nilai</i>
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C7C0.73E1
4	Bridge ID	32769
5	Cost (0/1;0/2)	19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

SW3

<i>NO</i>	<i>Variable</i>	<i>Nilai</i>
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C7C0.73E1
4	Bridge ID	32769
5	Cost (0/1;0/2)	19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

