

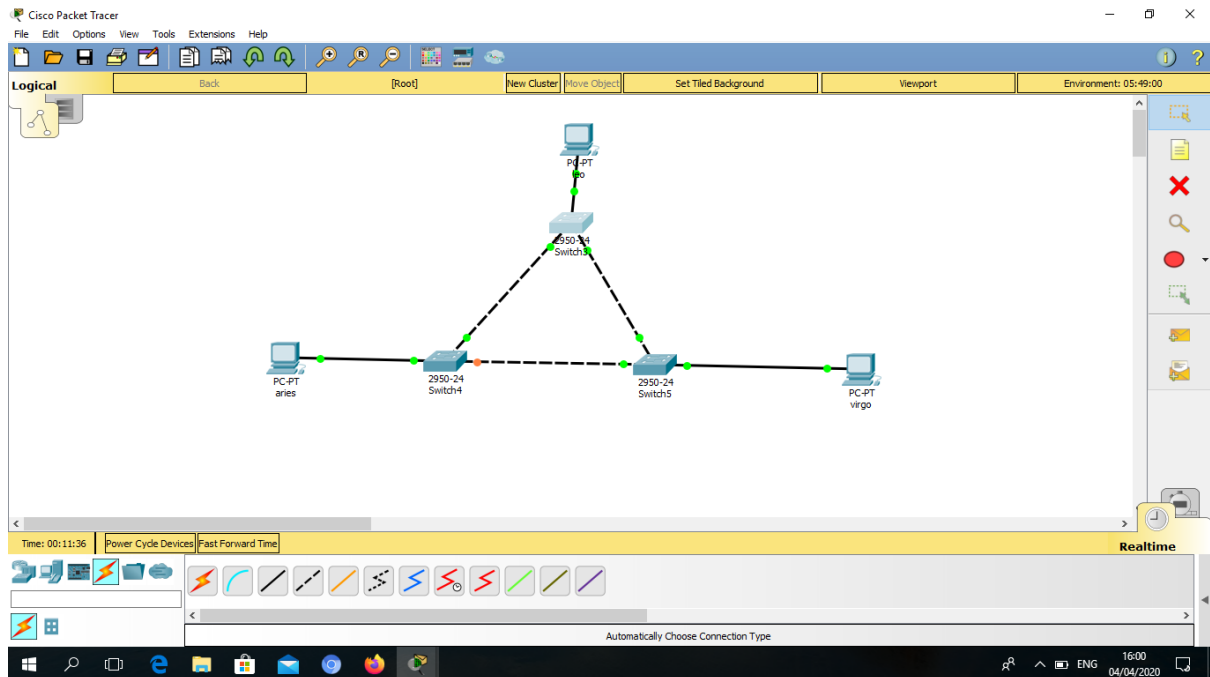
Nama : Anisa Ghoyatul Firdaus

NIM : L200180135

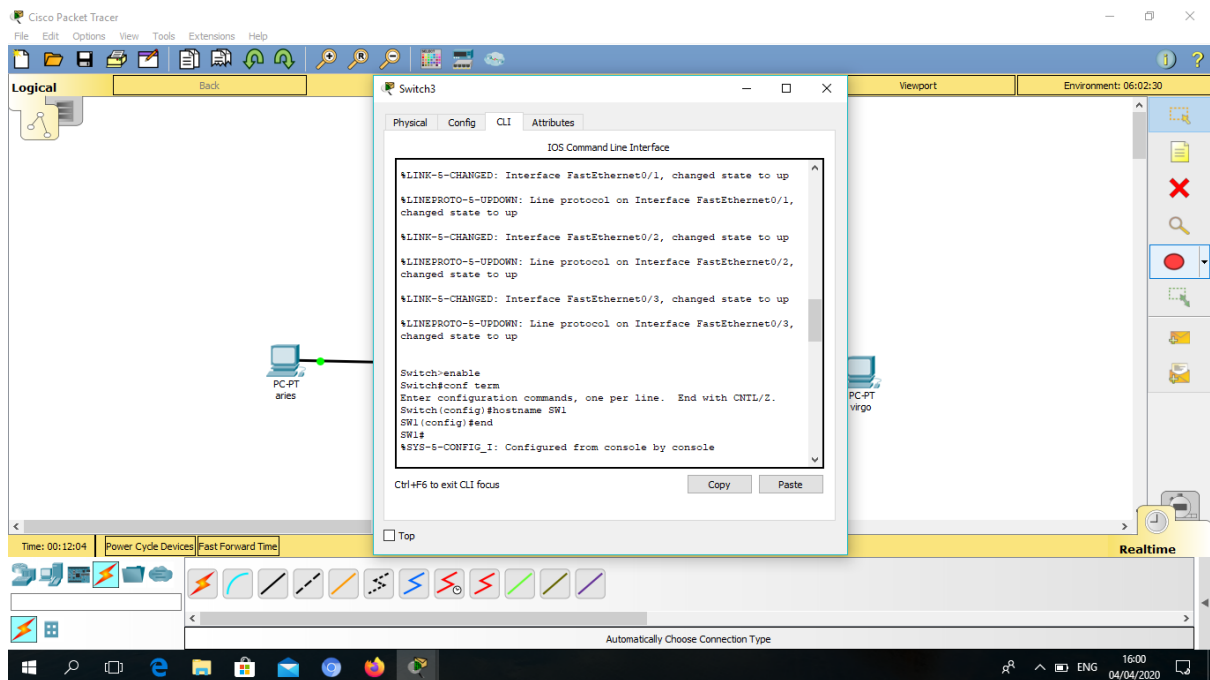
Kelas : D

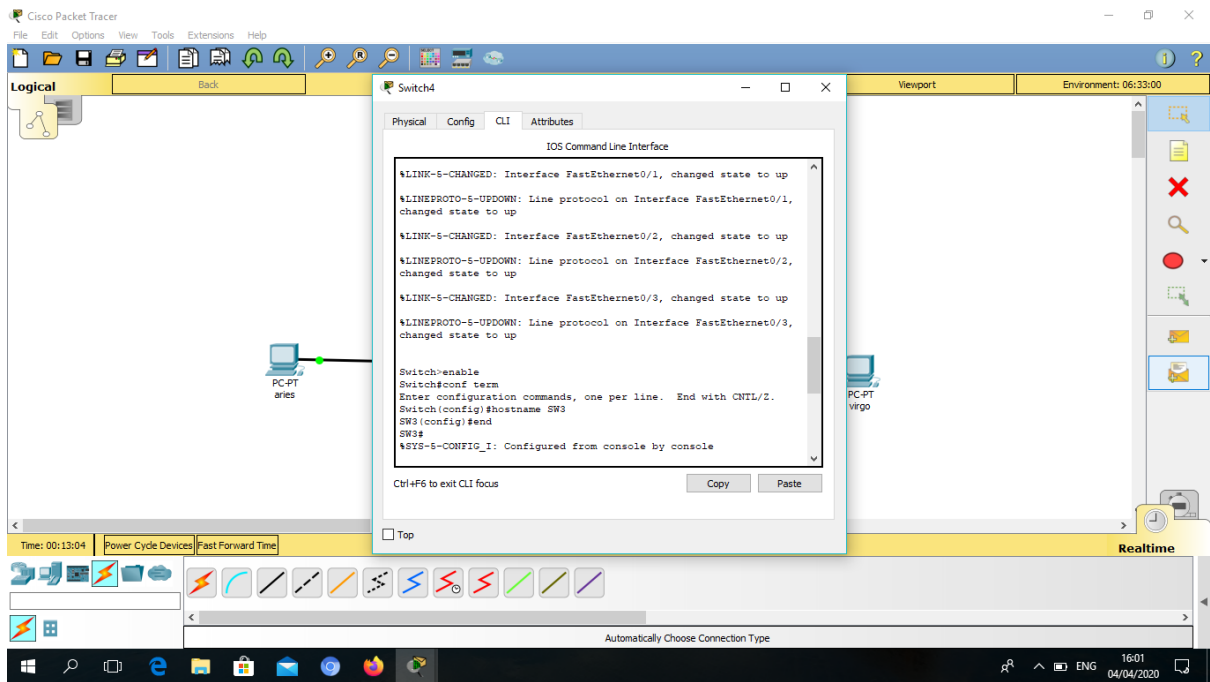
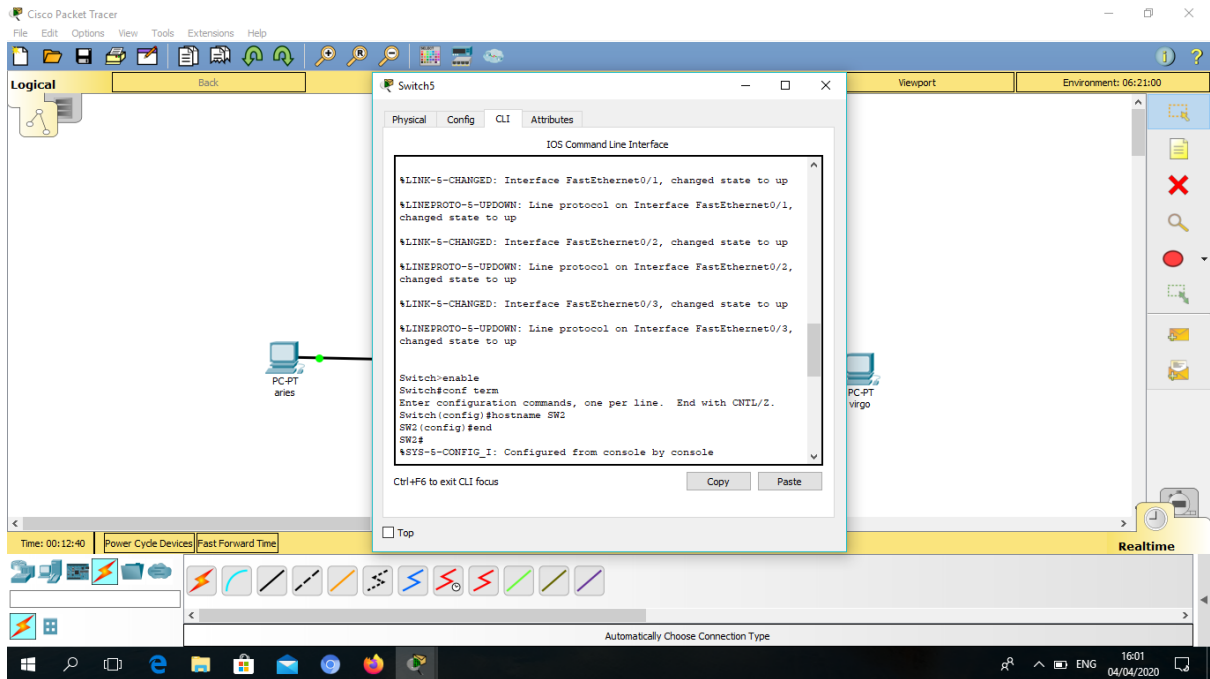
Kegiatan 1.Topologi 1

1A.

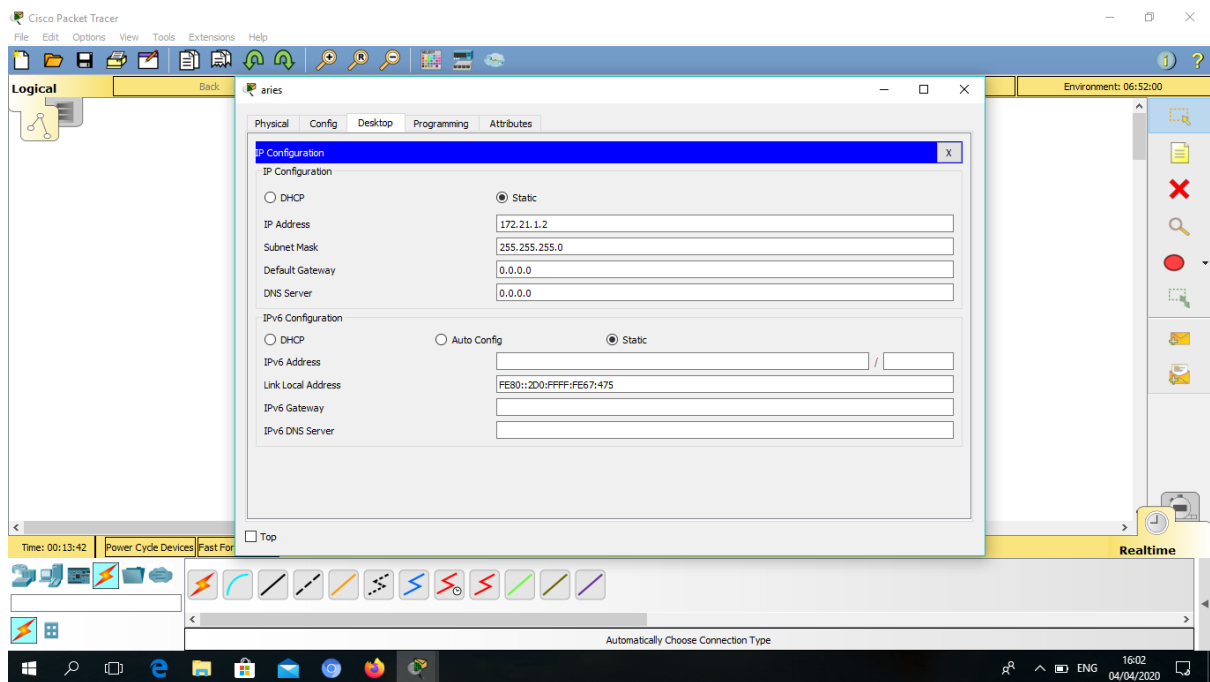
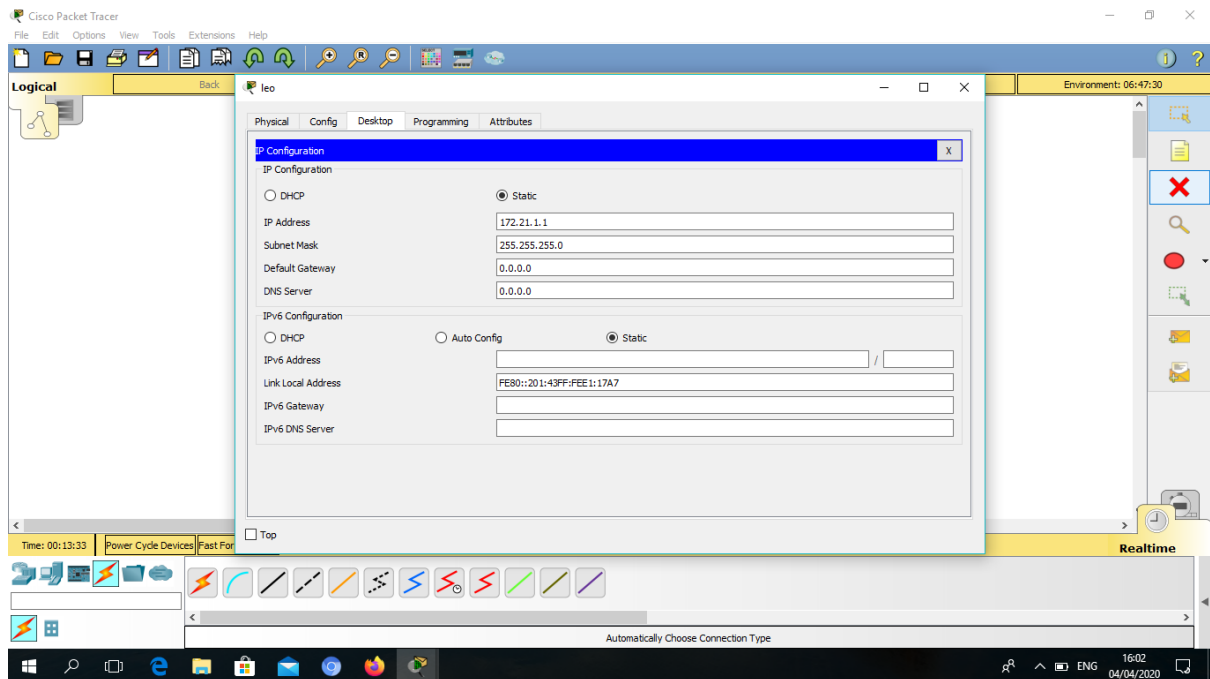


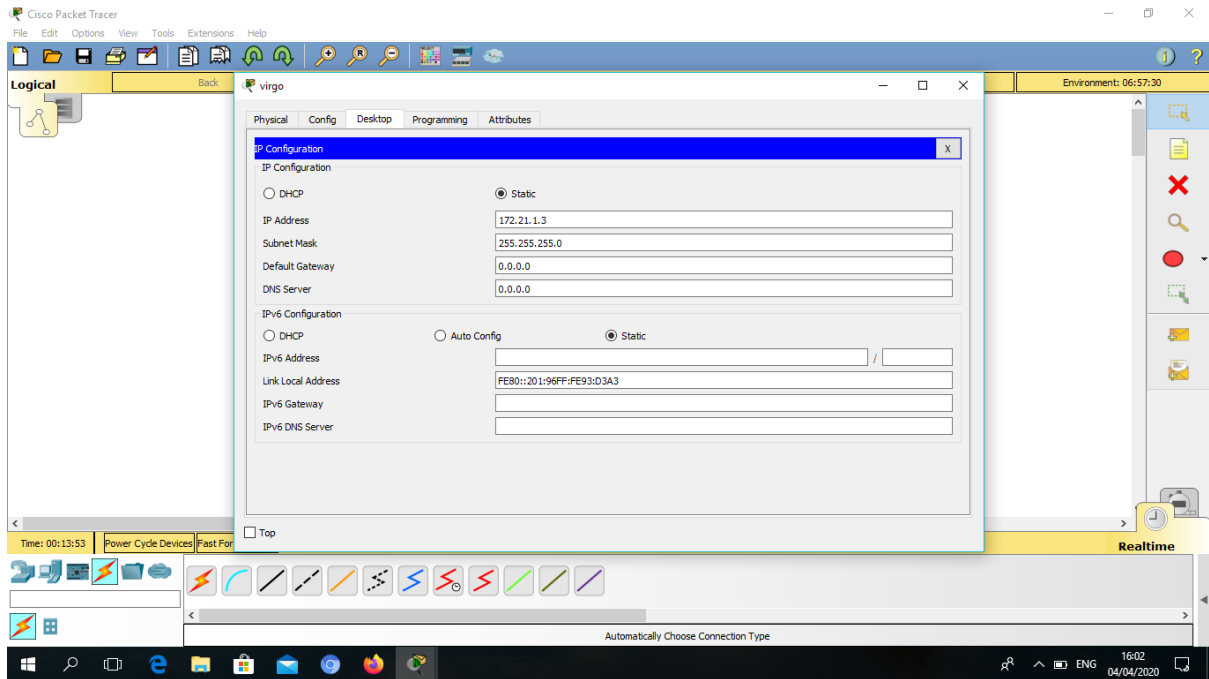
2A. Meubah nama Switch dengan mode user atau privilege



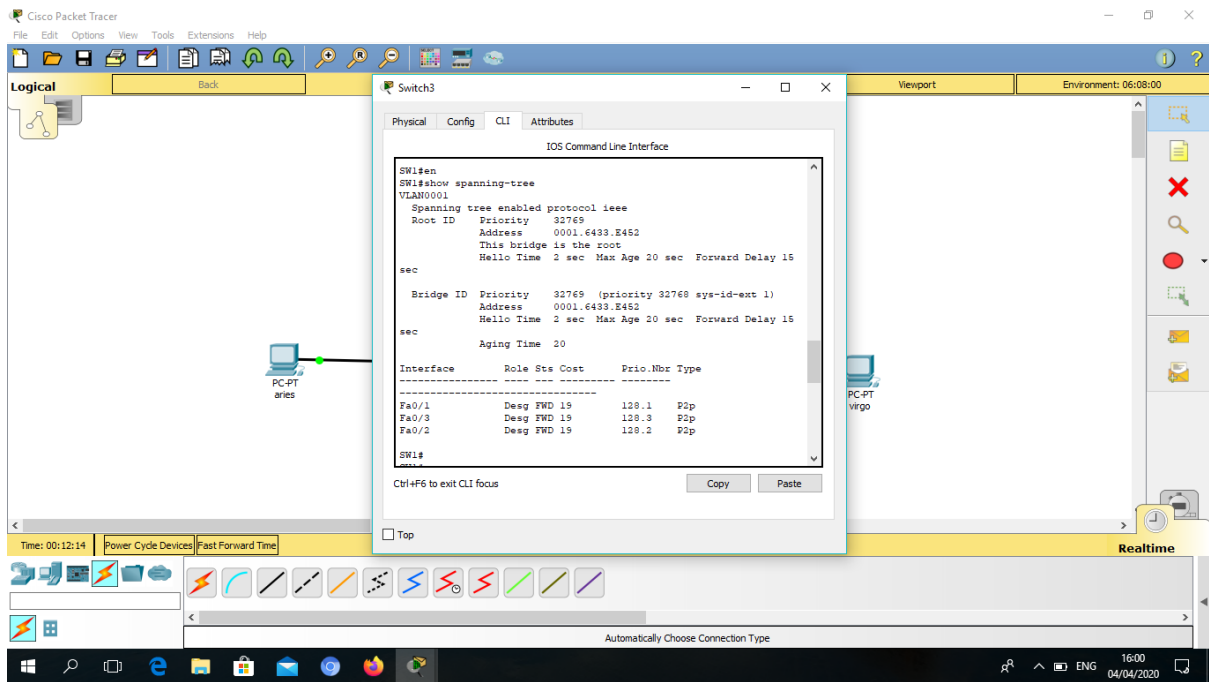


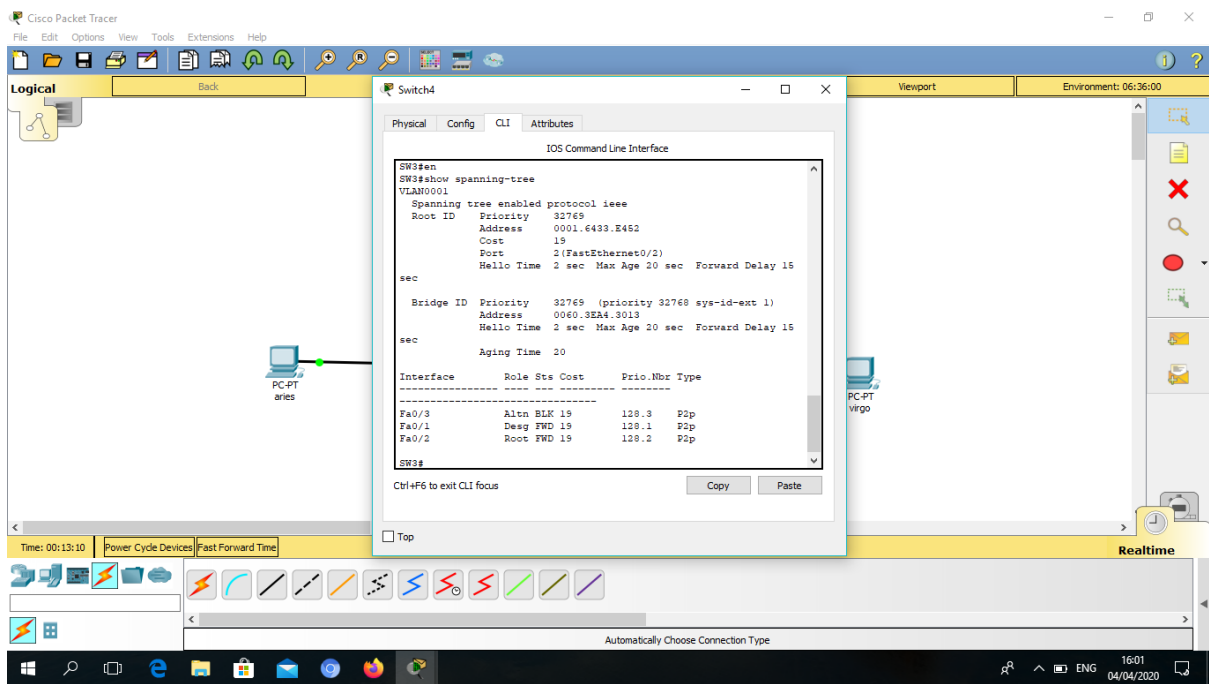
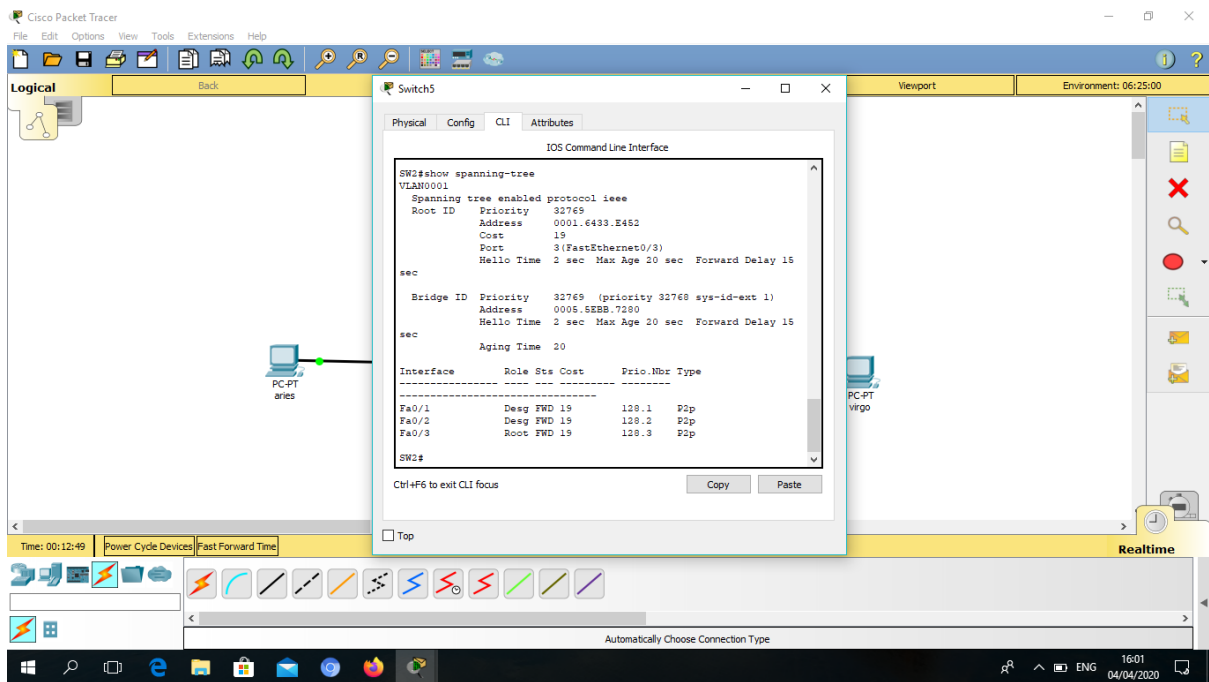
c. Konfigurasi PC





d.





4B

No	Variabel (SW-1)	Nilai
1	Root ID	32769.0001.6433.E452
2	Priority	32769
3	MAC Address	0001.6433.E452
4	Bridge ID	32769.0001.6433.E452
5	Cost (0/1; 0/2; 0/3)	19; 19; 19
6	Hello Time	2 sec
7	MaxAge	20
8	Forward Delay	15

No	Variabel (SW-2)	Nilai
1	Root ID	32769.0001.6433.E452
2	Priority	32769
3	MAC Address	0005.5EBB.7280
4	Bridge ID	32769.0005.5EBB.7280
5	Cost (0/1; 0/2; 0/3)	19; 19; 19
6	Hello Time	2 sec
7	MaxAge	20
8	Forward Delay	15

No	Variabel (SW-3)	Nilai
1	Root ID	32769.0001.6433.E452
2	Priority	32769
3	MAC Address	0060.3EA4.3013
4	Bridge ID	32769.0060.3EA4.3013
5	Cost (0/1; 0/2; 0/3)	19; 19; 19
6	Hello Time	2 sec
7	MaxAge	
8	Forward Delay	15

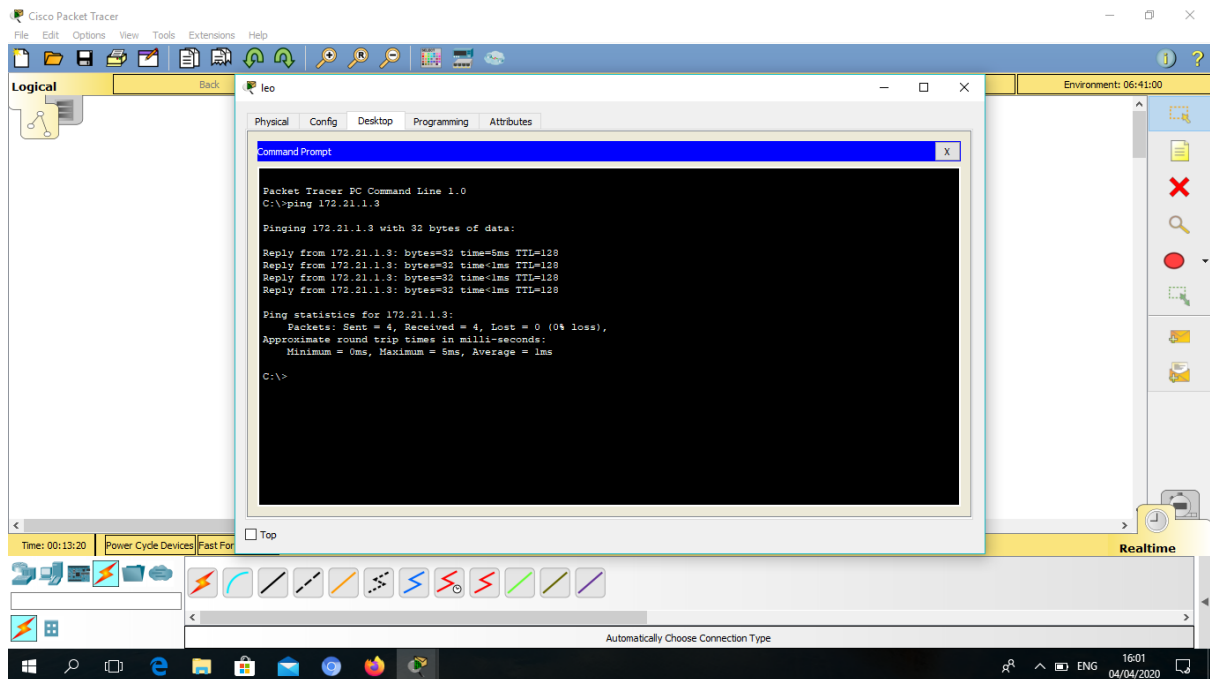
4C.

- Menjadi root bridge : SW1
- Menjadi destined bridge : SW2 dan SW3
- Menjadi root port : SW2 : (Fa0/1) dan SW3 : (Fa0/1)
- Menjadi destignated port : SW1 : (Fa0/1, Fa0/2, Fa0/3); SW2 : (Fa0/3); SW3 : (Fa0/2, Fa0/3)

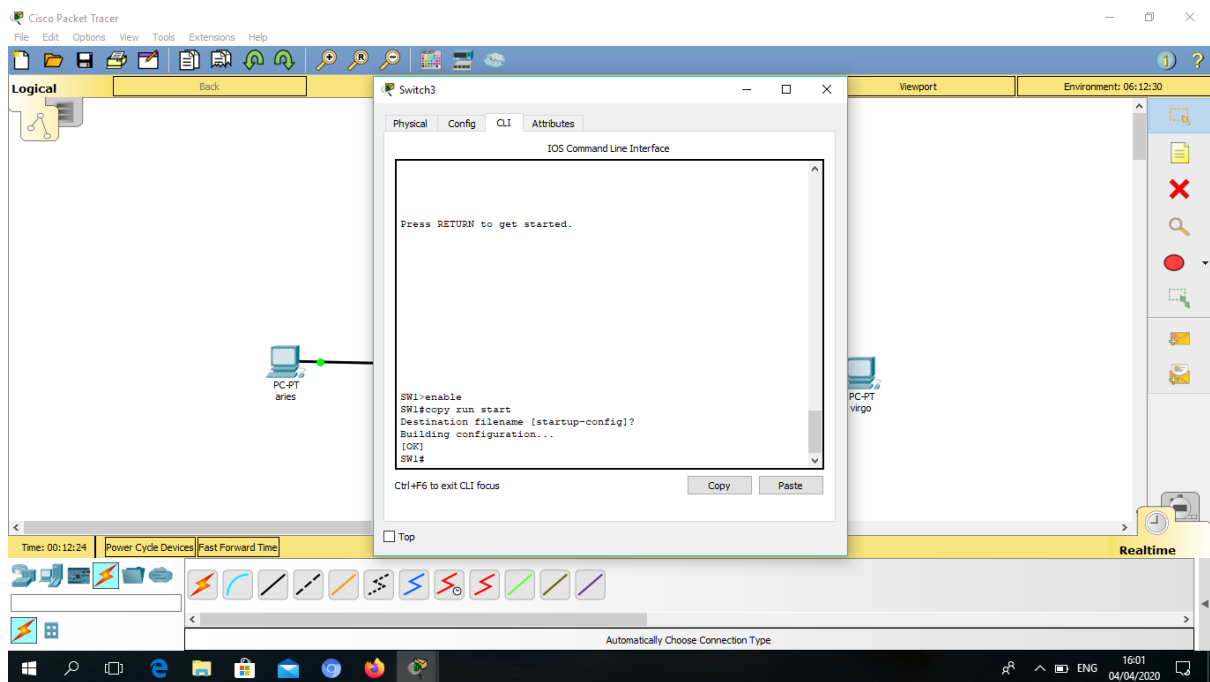
4D.

- Berada pada keadaan forwarding : SW1 : (Fa0/1, Fa0/2, Fa0/3); SW2 : (Fa0/1, Fa0/3); SW3 : (Fa0/1, Fa0/2 Fa0/3)
- Berada pada keadaan blocking SW2 (Fa0/2)

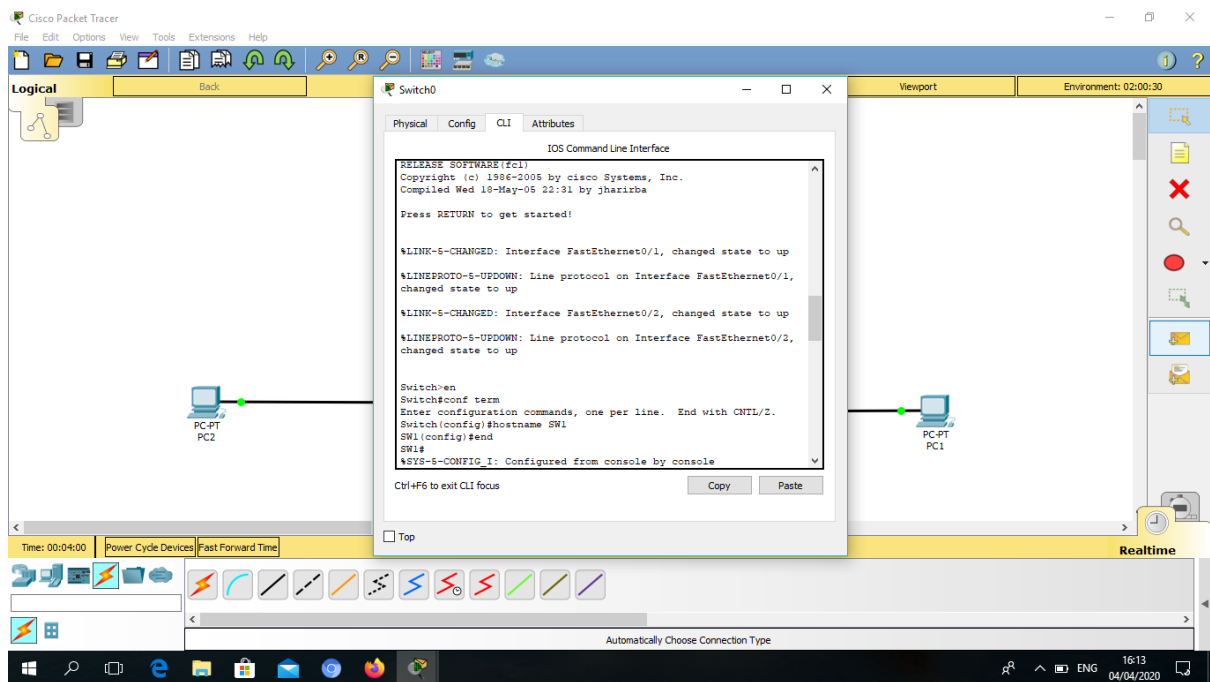
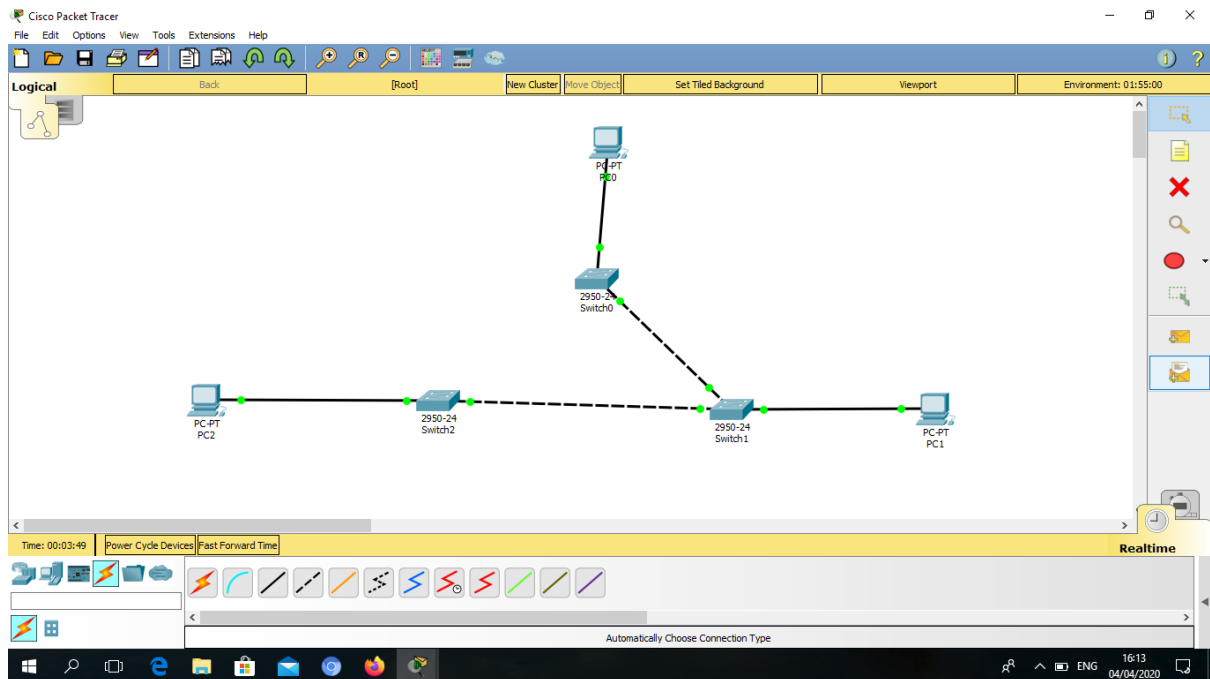
5A. langkah ping PC leo ke PC virgo

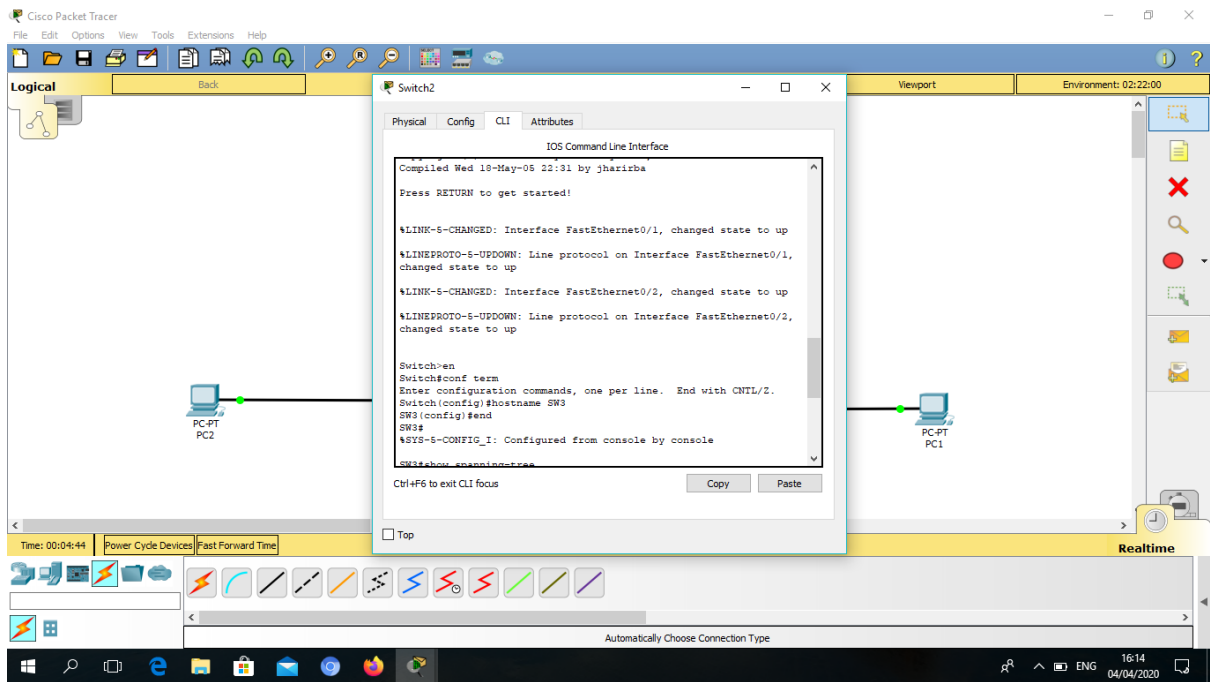
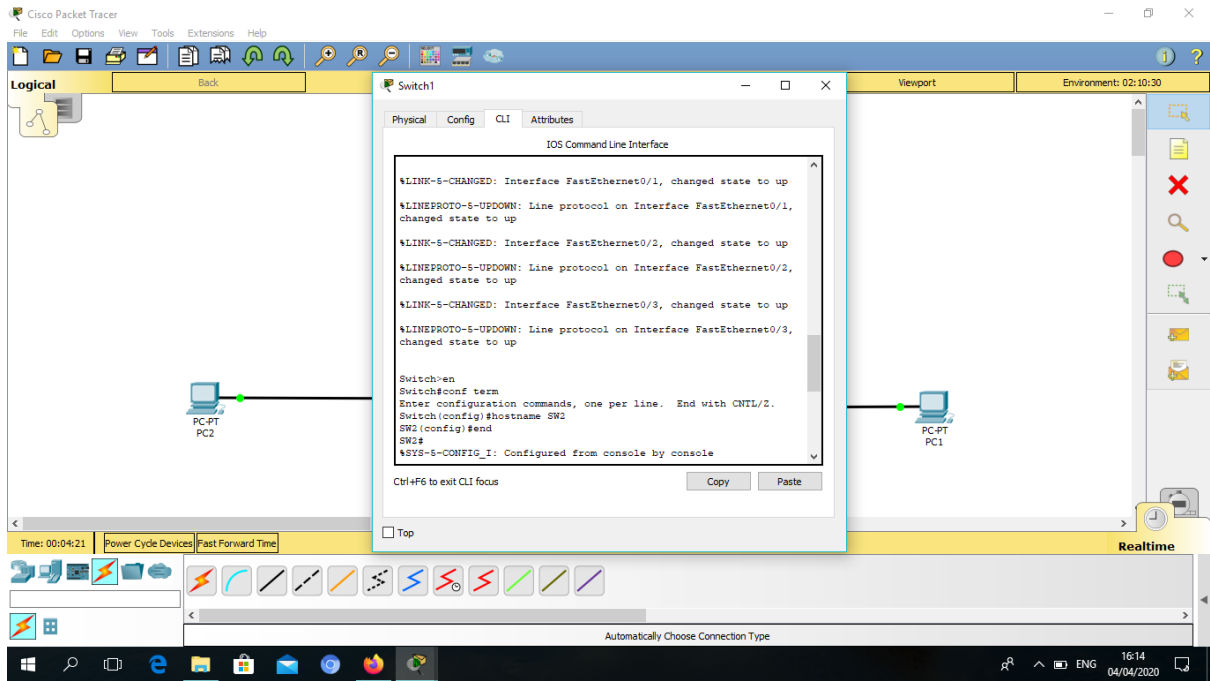


6A.



Kegiatan 2. Topologi 2





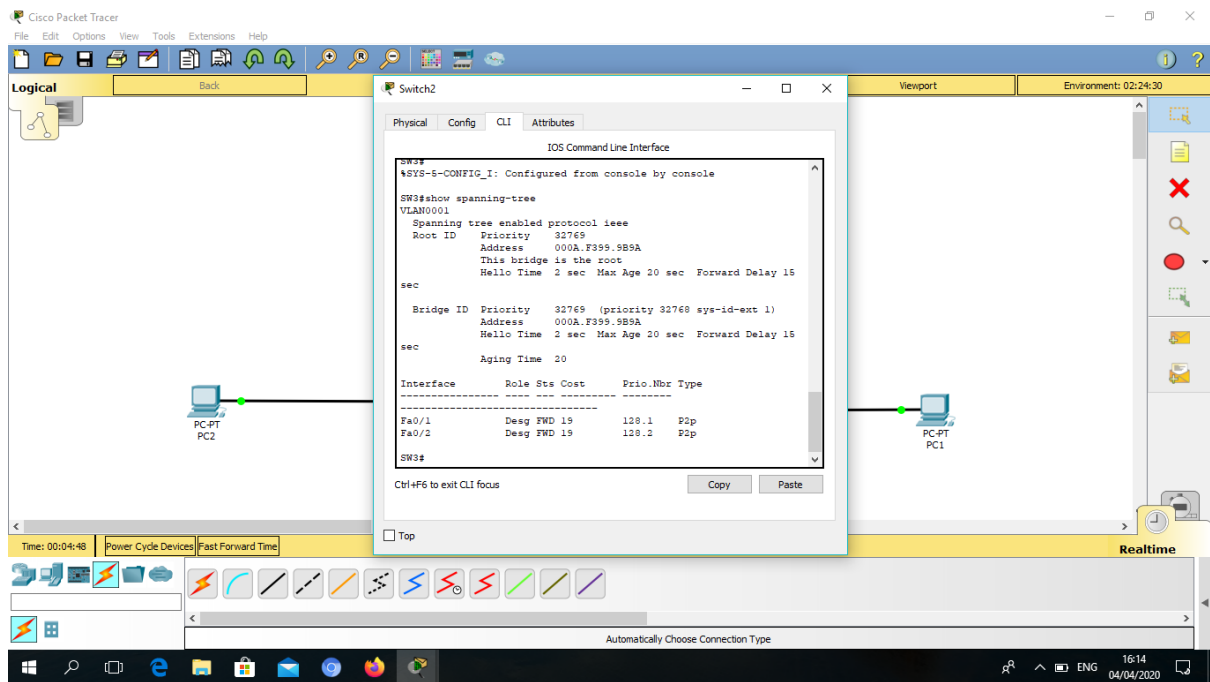
Melihat STP

The screenshot shows the Cisco Packet Tracer interface with a logical view of a network. A switch named Switch0 is connected to two PCs, PC-PT PC1 and PC-PT PC2. The CLI window for Switch0 is open, displaying the output of the command `SW1#show spanning-tree`. The output shows that STP is enabled on VLAN0001, with the root bridge ID being 32769 (priority 32769, address 000A.F399.9B5A). The bridge ID is 32769 (priority 32769, address 0090.0C5C.CC08). The aging time is 20 seconds. The interface Fa0/2 is the root port, and Fa0/1 is the designated port.

```
SW1#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     000A.F399.9B5A
             Cost        38
             Port        2(FastEthernet0/2)
             Hello Time  2 sec Max Age 20 sec Forward Delay 15
             sec
  Bridge ID  Priority    32769 (priority 32769 sys-id-ext 1)
             Address     0090.0C5C.CC08
             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
SW1#
SW1#exit
```

The screenshot shows the Cisco Packet Tracer interface with a logical view of a network. A switch named Switch1 is connected to two PCs, PC-PT PC1 and PC-PT PC2. The CLI window for Switch1 is open, displaying the output of the command `SW2#show spanning-tree`. The output shows that STP is enabled on VLAN0001, with the root bridge ID being 32769 (priority 32769, address 000A.F399.9B5A). The bridge ID is 32769 (priority 32769, address 0090.0C1E.0E99). The aging time is 20 seconds. The interface Fa0/3 is the root port, and Fa0/2 is the designated port.

```
SW2#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     000A.F399.9B5A
             Cost        19
             Port        3(FastEthernet0/3)
             Hello Time  2 sec Max Age 20 sec Forward Delay 15
             sec
  Bridge ID  Priority    32769 (priority 32769 sys-id-ext 1)
             Address     0090.0C1E.0E99
             Hello Time  2 sec Max Age 20 sec Forward Delay 15
             sec
  Aging Time 20
  Interface Role Sts Cost Prio.Nbr Type
  -----
  Fa0/3     Root FWD 19   128.3 P2p
  Fa0/2     Desg FWD 19   128.2 P2p
  Fa0/1     Desg FWD 19   128.1 P2p
SW2#
SW2#exit
```



Table

No	Variabel (SW-1)	Nilai
1	Root ID	32769.000A.F399.9B9A
2	Priority	32769
3	MAC Address	0090.0C5C.CC08
4	Bridge ID	32769.0090.0C5C.CC08
5	Cost (0/1; 0/2; 0/3)	19; 19;-
6	Hello Time	2 sec
7	MaxAge	20
8	Forward Delay	15

No	Variabel (SW-2)	Nilai
1	Root ID	32769.000A.F399.9B9A
2	Priority	32769
3	MAC Address	0090.0C1E.0E99
4	Bridge ID	32769.0090.0C1E.0E99
5	Cost (0/1; 0/2; 0/3)	19; 19; 19
6	Hello Time	2 sec
7	MaxAge	20
8	Forward Delay	15

No	Variabel (SW-3)	Nilai
1	Root ID	32769.000A.F399.9B9A
2	Priority	32769
3	MAC Address	000A.F399.9B9A
4	Bridge ID	32769.000A.F399.9B9A
5	Cost (0/1; 0/2; 0/3)	19; 19; -
6	Hello Time	2 sec
7	MaxAge	20
8	Forward Delay	15

- Root bridge : SW-3
- Designated bridge : SW-2
- Root port : SW-1 (Fa0/1); SW-2 (Fa0/2)
- Designated port : SW-1 (Fa0/2); SW-2 (Fa0/1, Fa0/3); SW-3 (Fa0/1, Fa0/2)
- Forwarding : SW-1 (Fa0/1, Fa0/2); SW-2 (Fa0/1, Fa0/2, Fa0/3); SW-3 (Fa0/1, Fa0/2)
- Blocking : tidak ada

Menyimpan konfigurasi

