

Nama : Abid Muhammad Taufiq

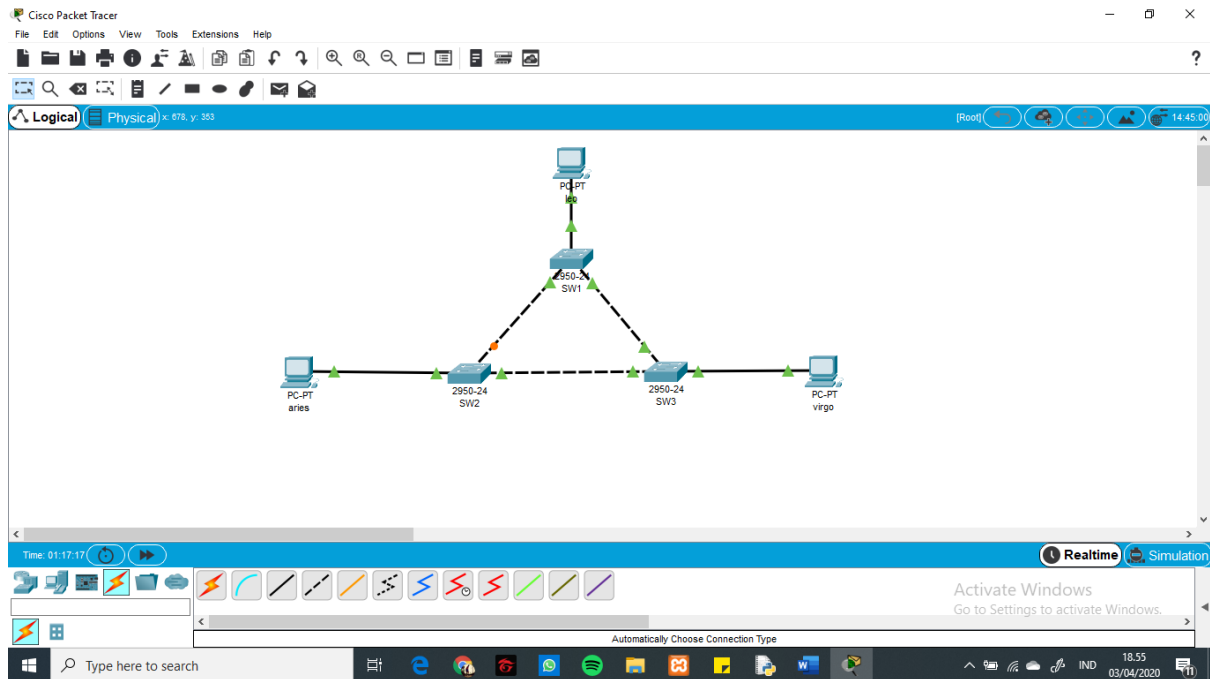
NIM : L200180059

Kelas : B

Modul 6

1. Topologi 1

a. topologi



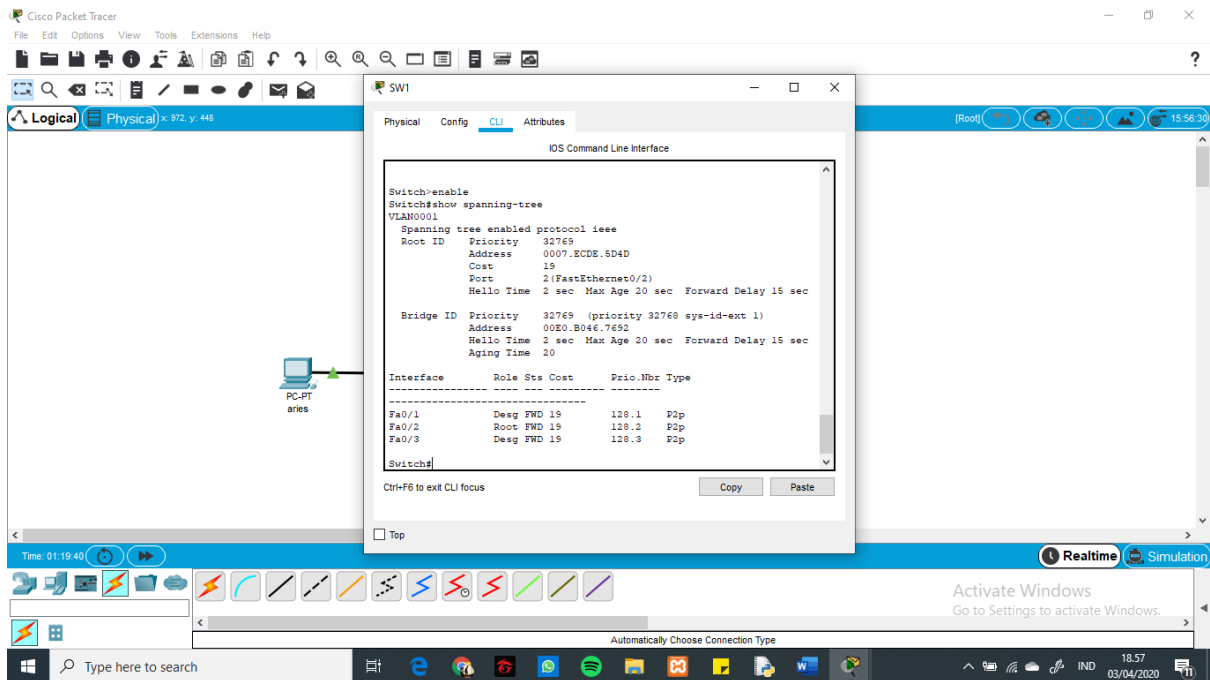
b. beri nama switch SW1, SW2, dan SW3

c. konfigurasi masing-masing PC dengan alamat IP:

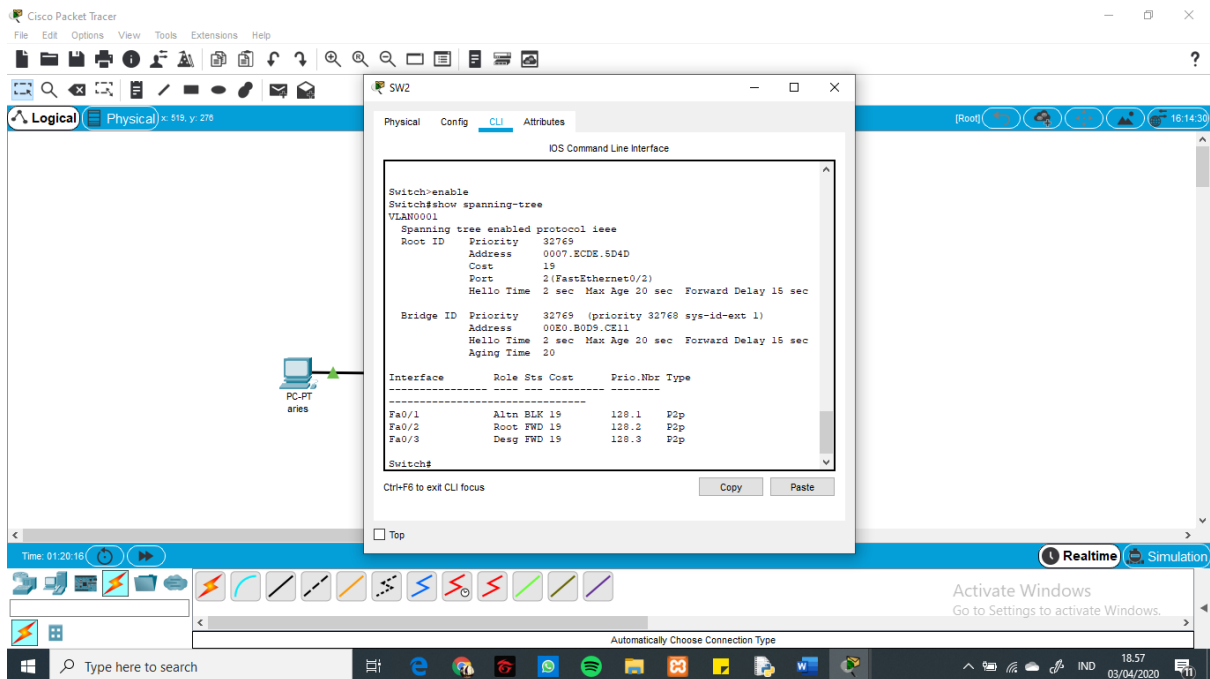
- Leo = 172.21.1.1/24
- Aries = 172.21.1.2/24
- Virgo = 172.21.1.1/24

d. Lihat status STP

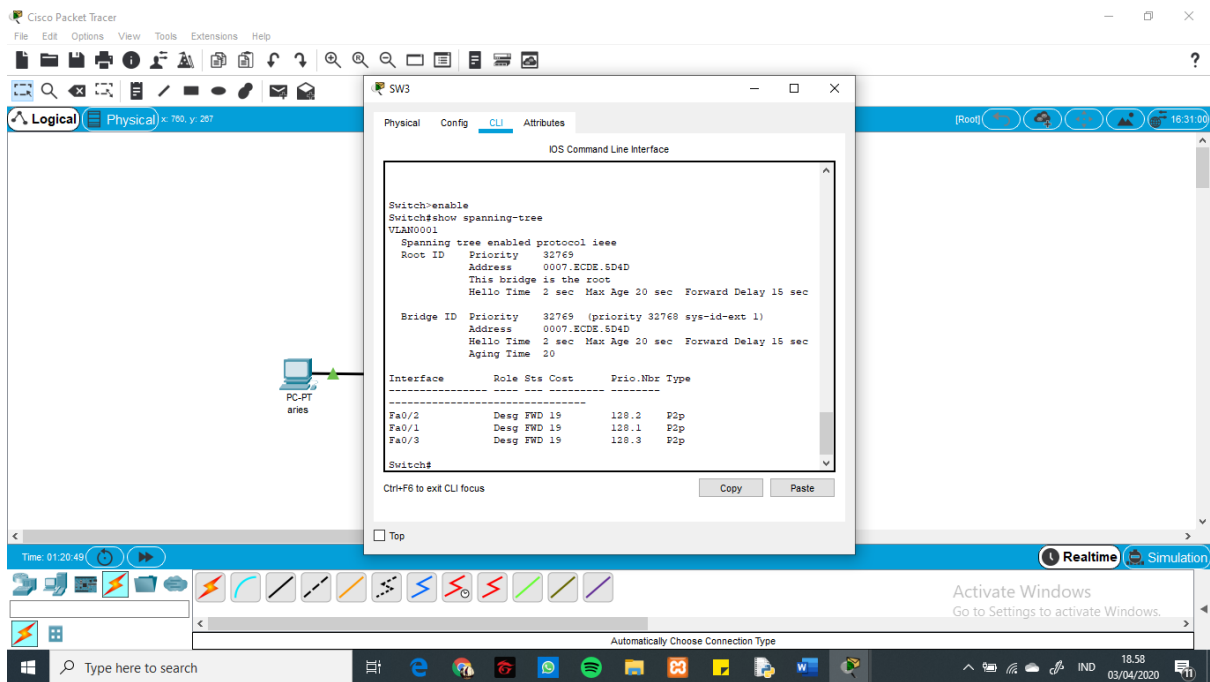
- SW1



- SW2



• SW3



SW1

No	Variable	Nilai
1	Root ID	32769, 0060.47E4.0039
2	Priority	32769
3	MAC Address	0060.47E4.0039
4	Bridge ID	32769, 0060.47E4.0039
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW2

No	Variable	Nilai
1	Root ID	32769, 0060.47E4.0039
2	Priority	32769
3	MAC Address	0060.47E4.0039

4	Bridge ID	32769, 00D0.BAAA.C761
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW3

No	Variable	Nilai
1	Root ID	32769, 0060.47E4.0039
2	Priority	32769
3	MAC Address	0060.47E4.0039
4	Bridge ID	32769, 0060.47E4.0039
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Menjadi Root Bridge : SW1

Menjadi designated bridge : SW2 dan SW3

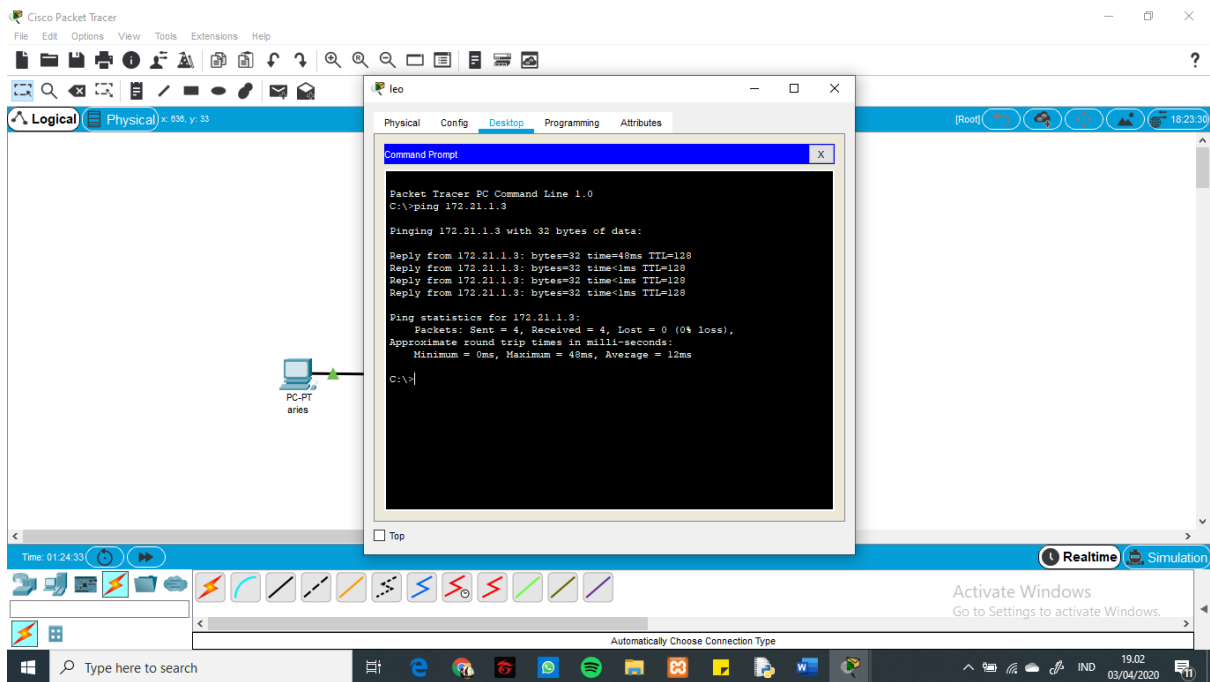
Menjadi Root port : SW3

Menjadi designated port : SW1 dan SW2

Port yang berada pada keadaan forwarding : SW1

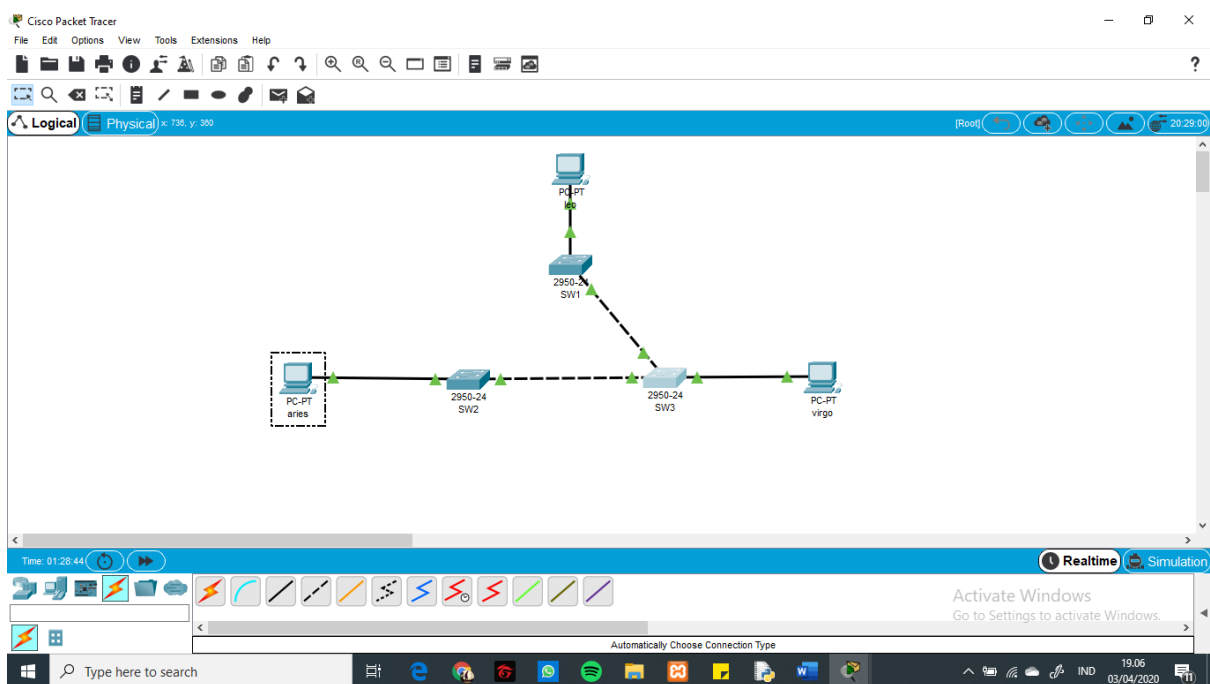
Port yang berada pada keadaan blocking : SW2 Fa0/3

Ping dari PC leo ke PC virgo



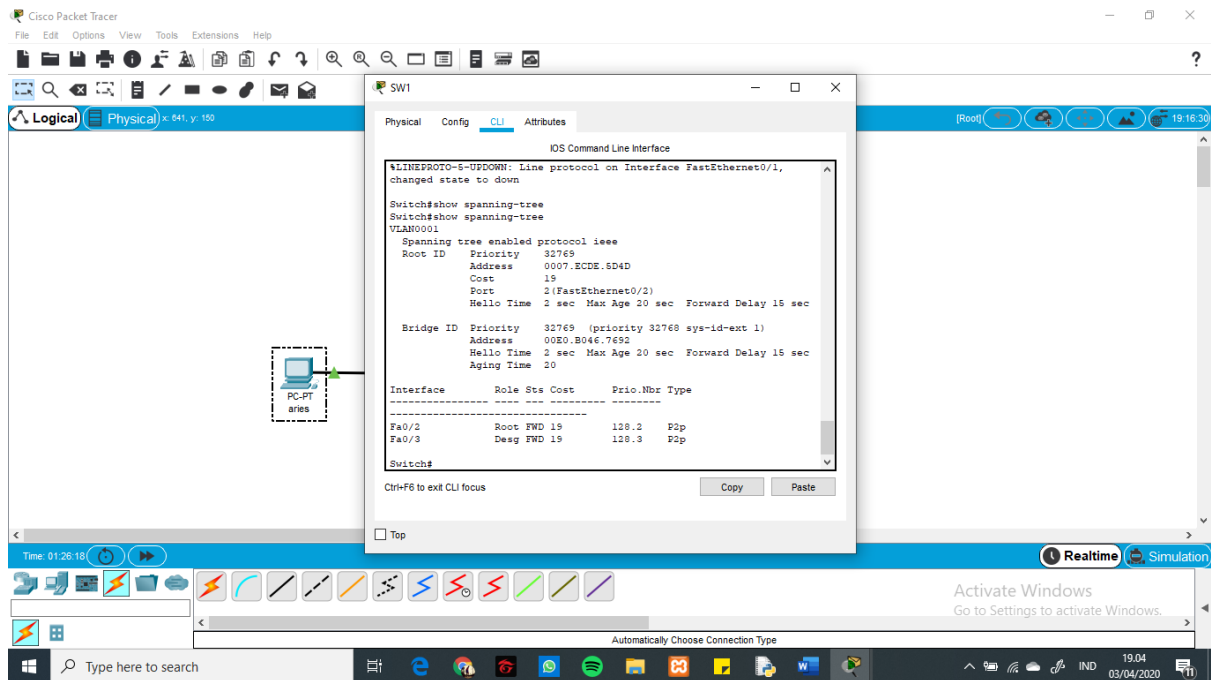
2. Topologi 2

a. Topologi

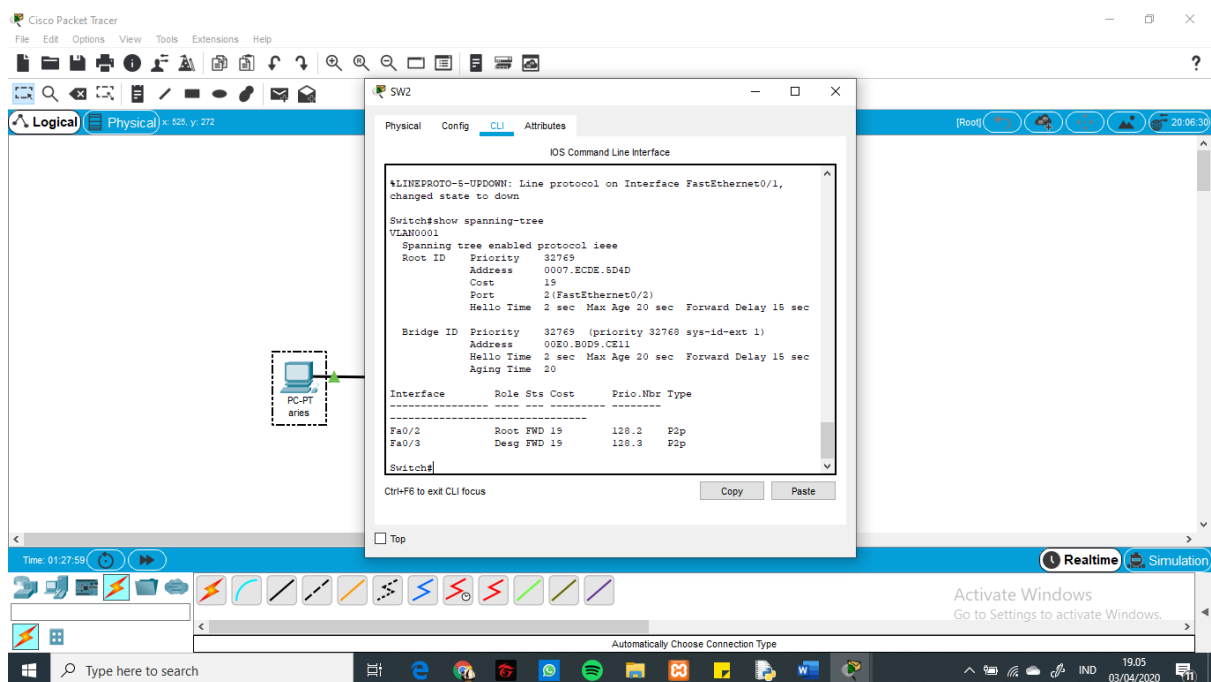


b. Cek STP

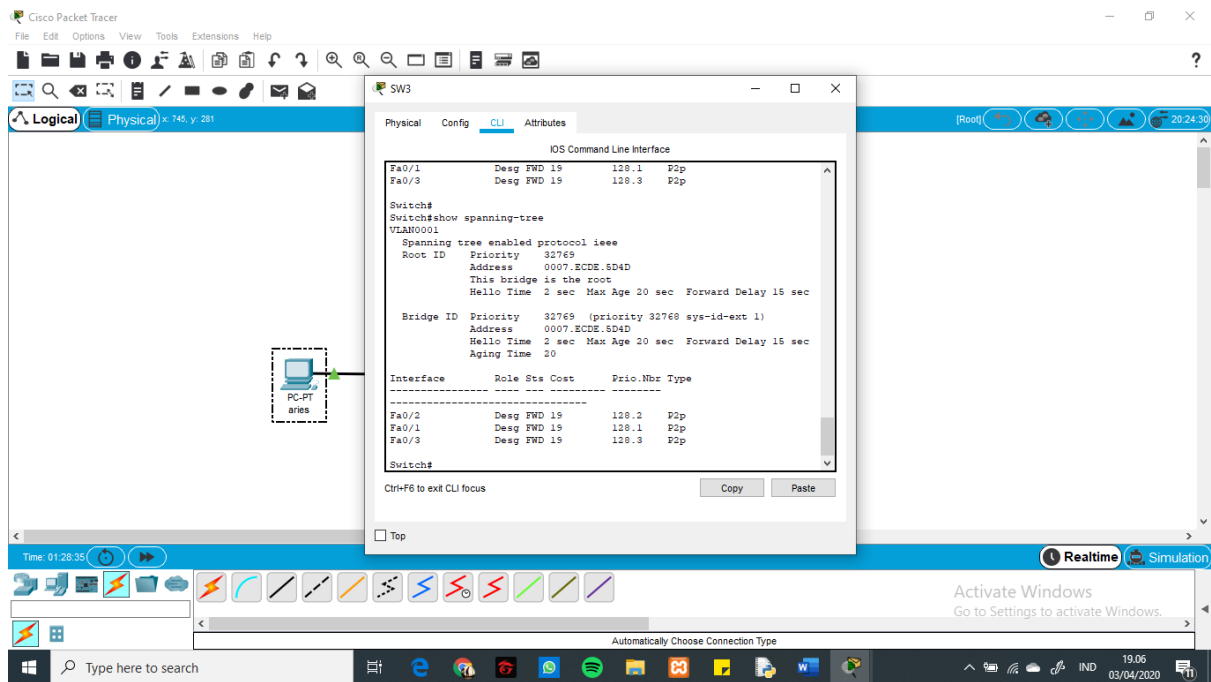
• SW1



• SW2



• SW3



Tabel SW1

No	Variable	Nilai
1	Root ID	32769, 0060.47E4.0039
2	Priority	32769
3	MAC Address	0060.47E4.0039
4	Bridge ID	32769, 0060.47E4.0039
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Tabel SW2

No	Variable	Nilai
1	Root ID	32769, 0060.47E4.0039
2	Priority	32769
3	MAC Address	0060.47E4.0039

4	Bridge ID	32769, 00D0.BAAA.C761
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Table SW3

No	Variable	Nilai
1	Root ID	32769, 0060.47E4.0039
2	Priority	32769
3	MAC Address	0060.47E4.0039
4	Bridge ID	32769, 0060.47E4.0039
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Menjadi Root Bridge : SW1

Menjadi designated bridge : SW2 dan SW3

Menjadi Root port : SW2 dan SW3

Menjadi designated port : SW1

Port yang berada pada keadaan forwarding : SW1

Port yang berada pada keadaan blocking : -