

Laporan Praktikum Jaringan Komputer

Nama : Hafidz Al Afaf

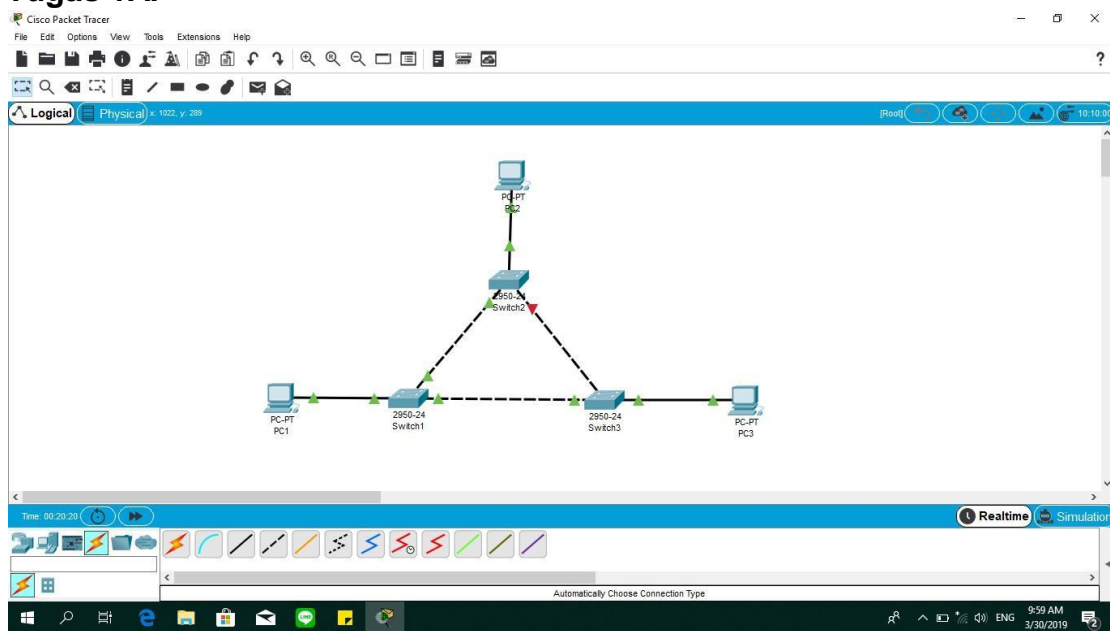
NIM : L200170134

Kelas : C

Modul : 6

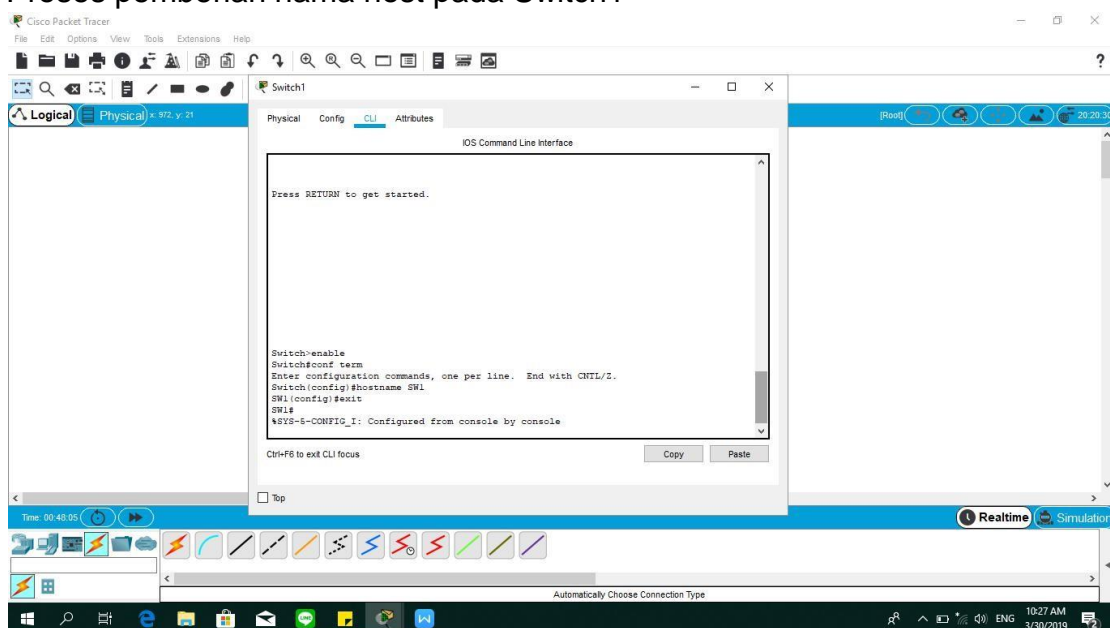
Kegiatan 1. Topologi 1.

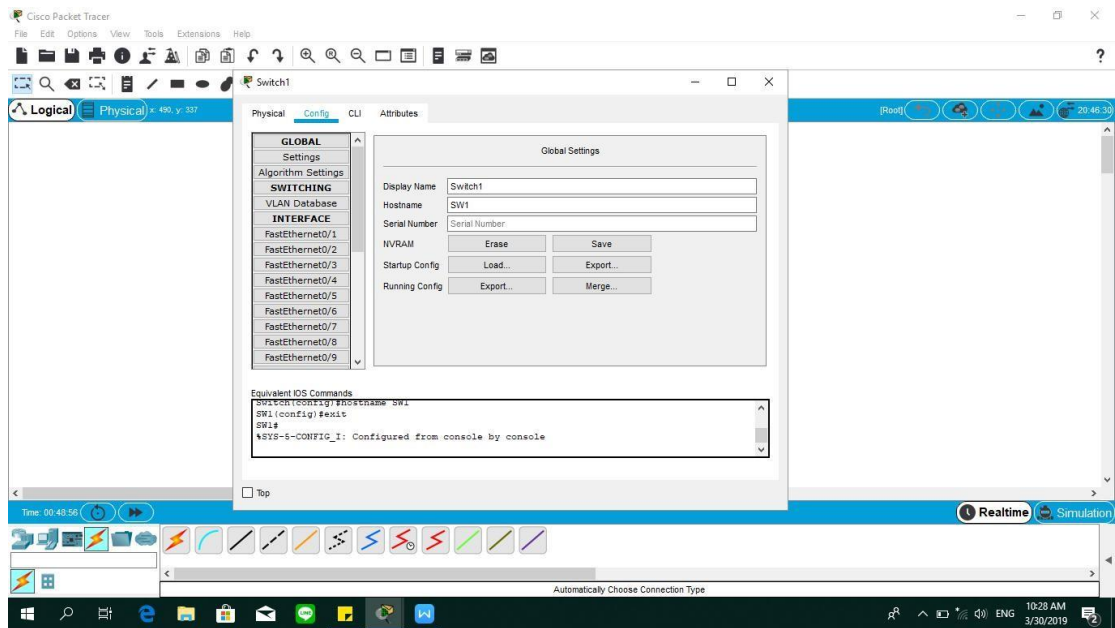
Tugas 1A.



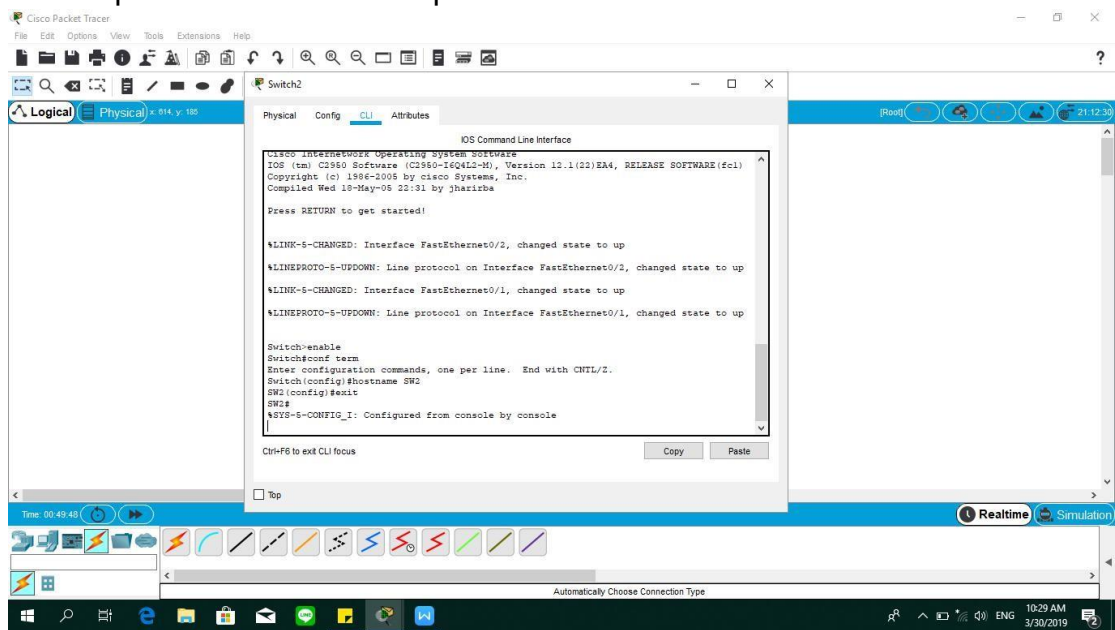
Tugas 2A.

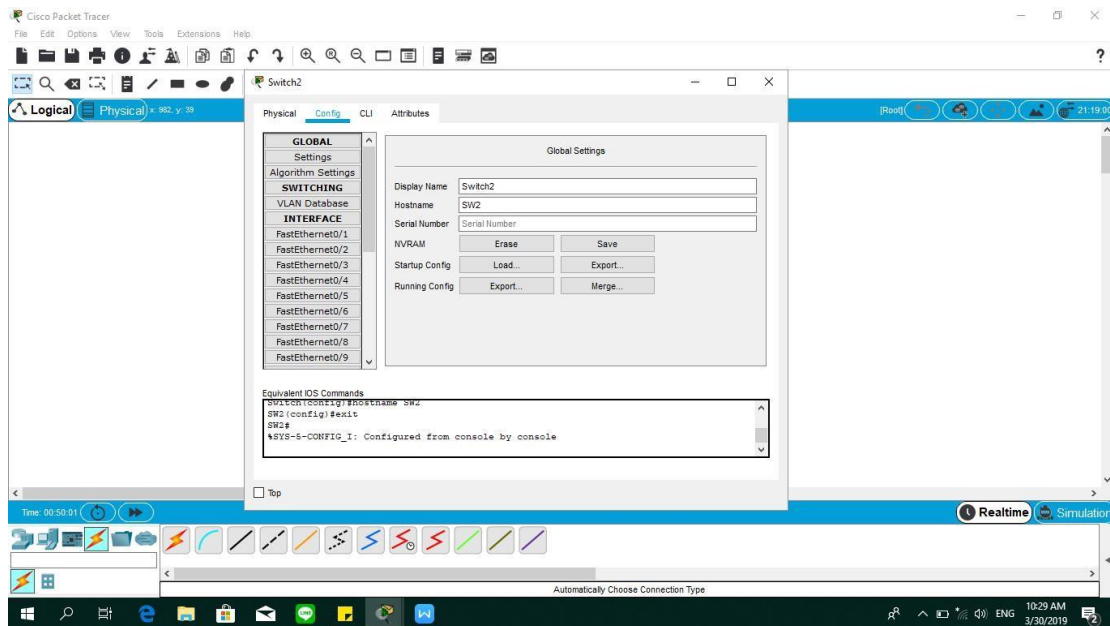
Proses pemberian nama host pada Switch1



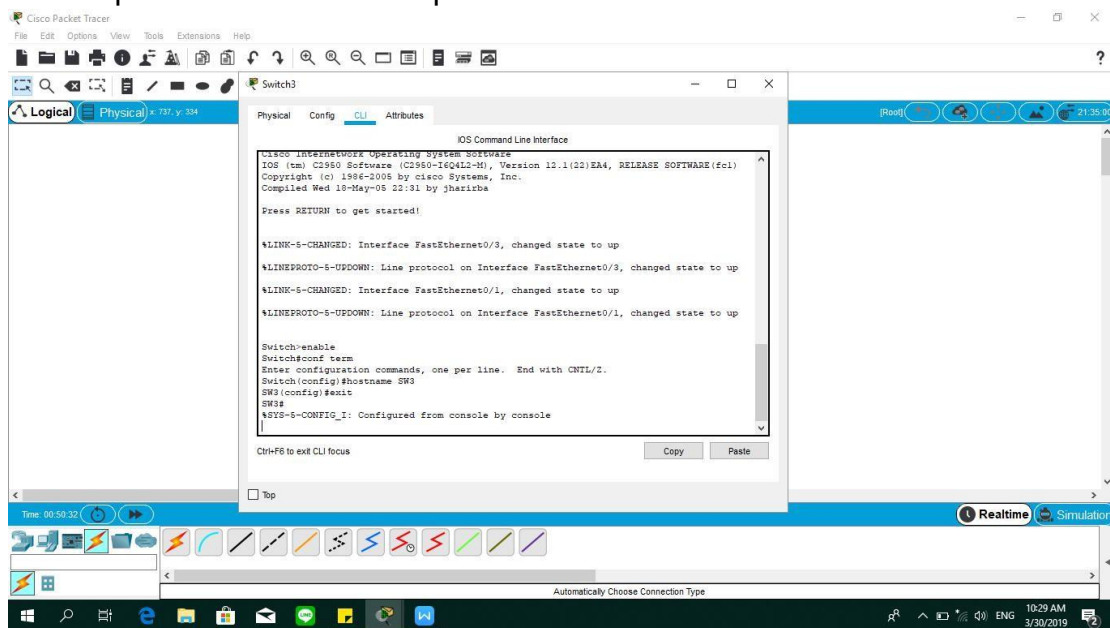


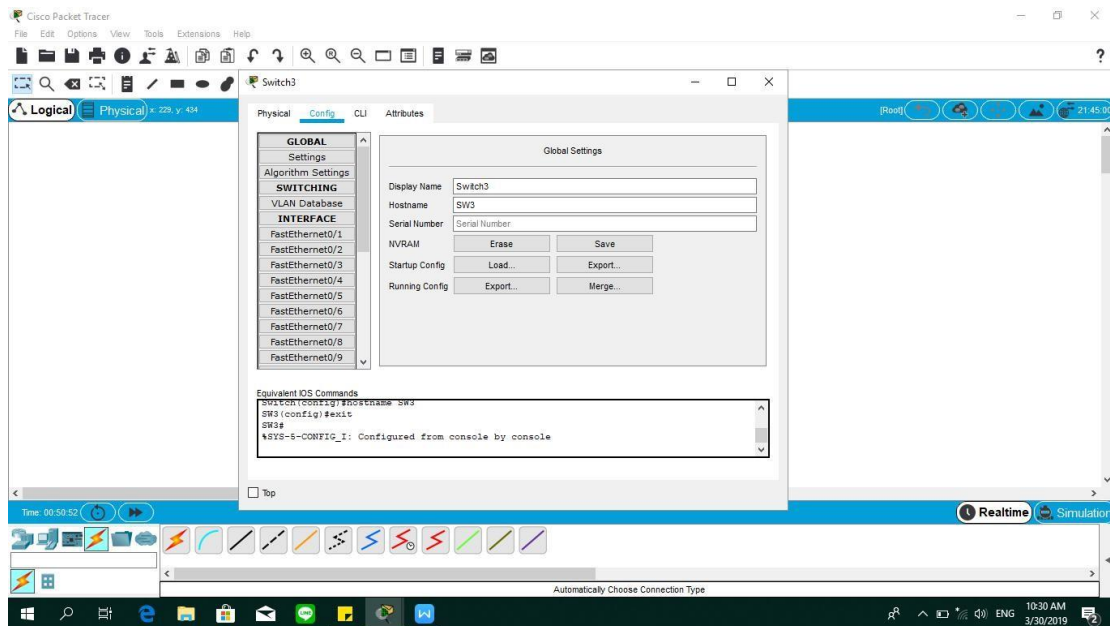
Proses pemberian nama host pada Switch2





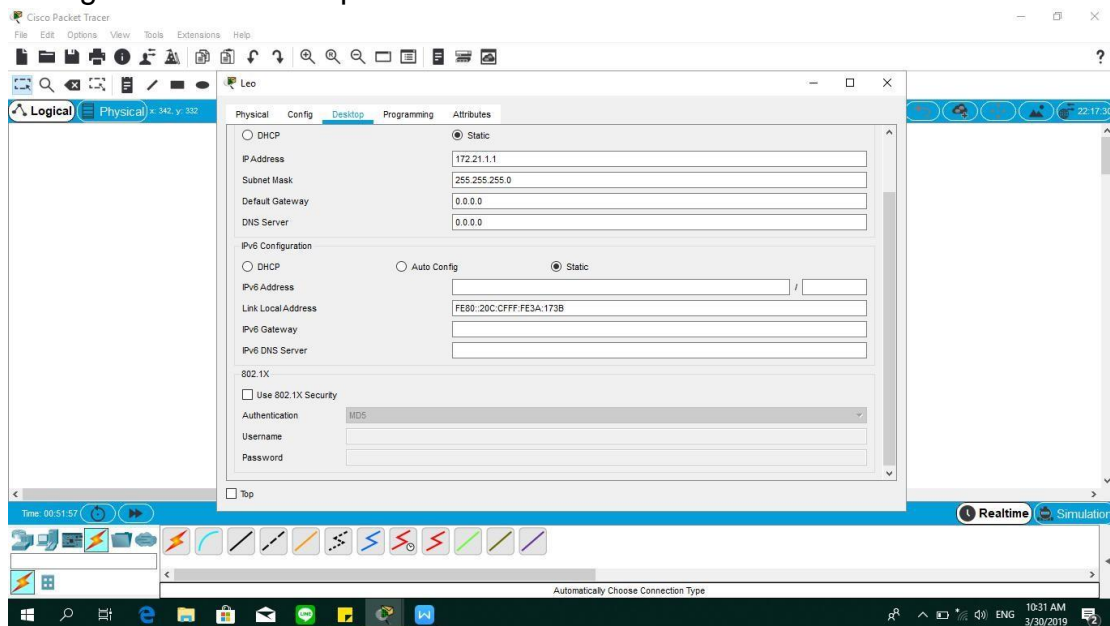
Proses pemberian nama host pada Switch3



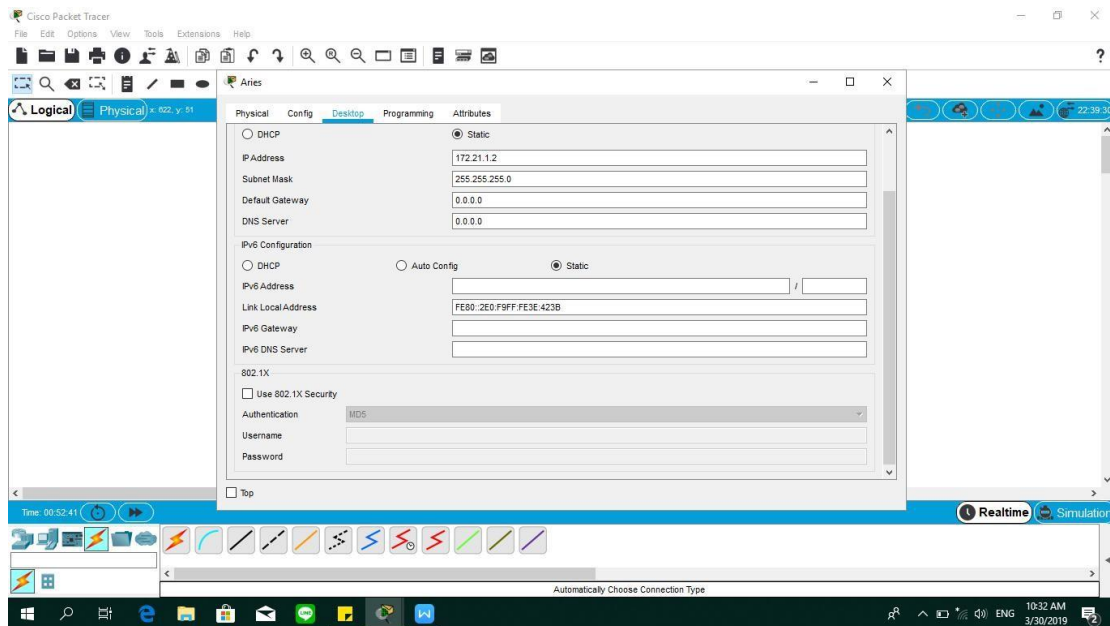


Tugas 3A.

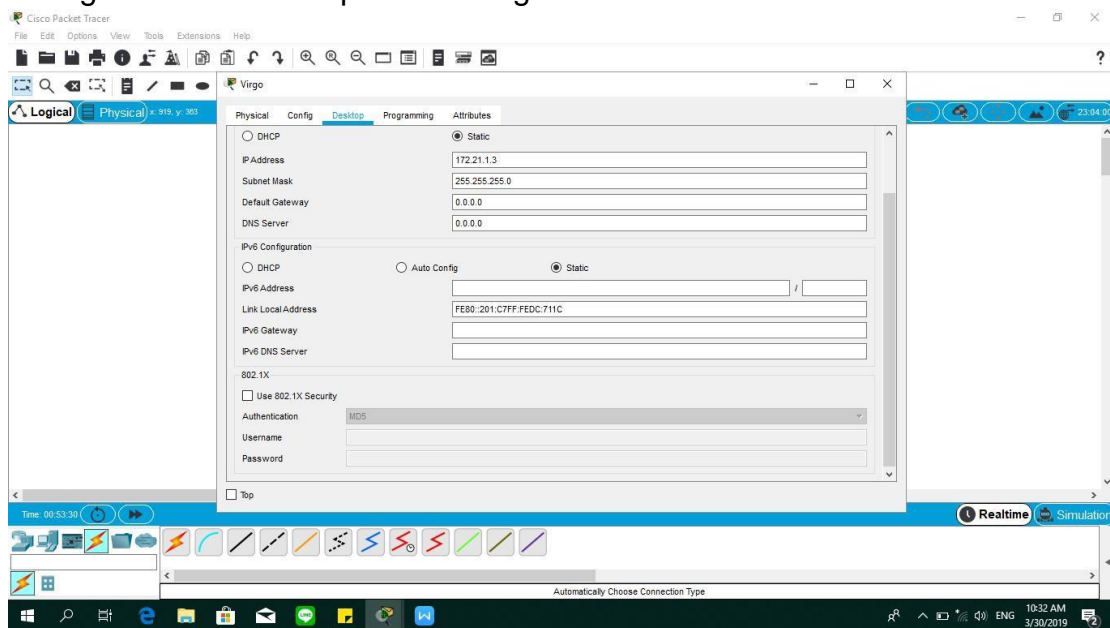
Konfigurasi IP Address pada PC Leo



Konfigurasi IP Address pada PC Aries

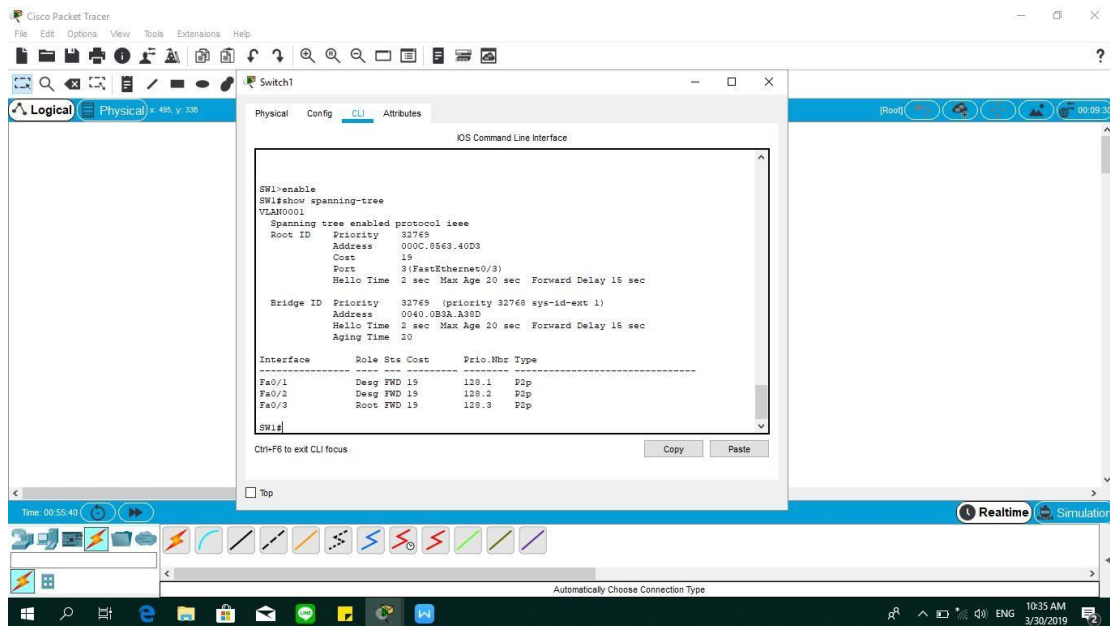


Konfigurasi IP Address pada PC Virgo

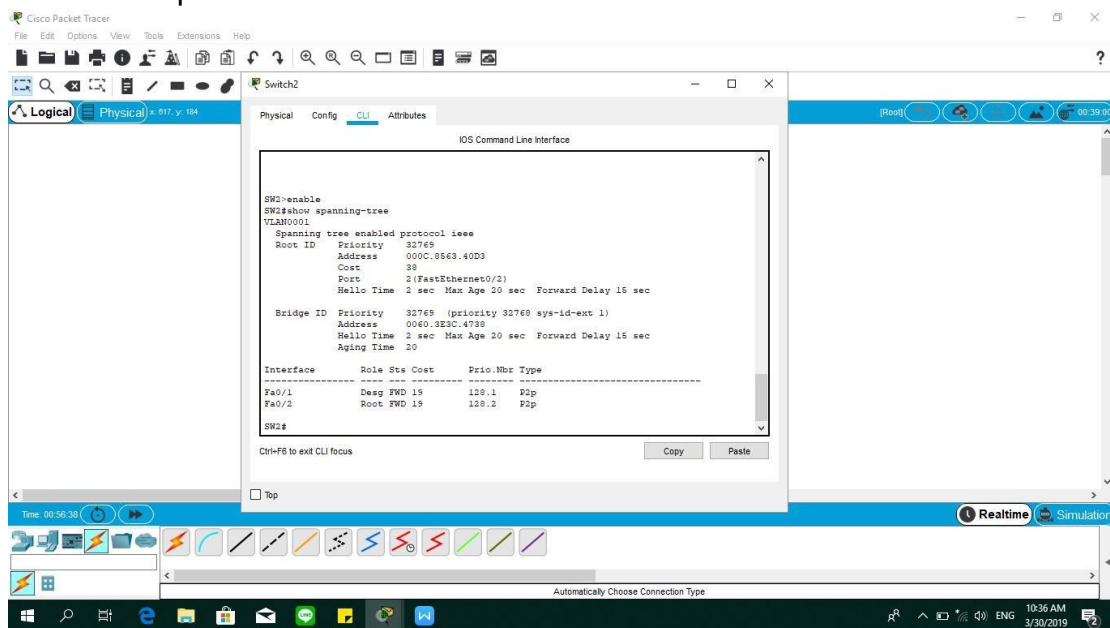


Tugas 4A.

Status STP pada Switch 1



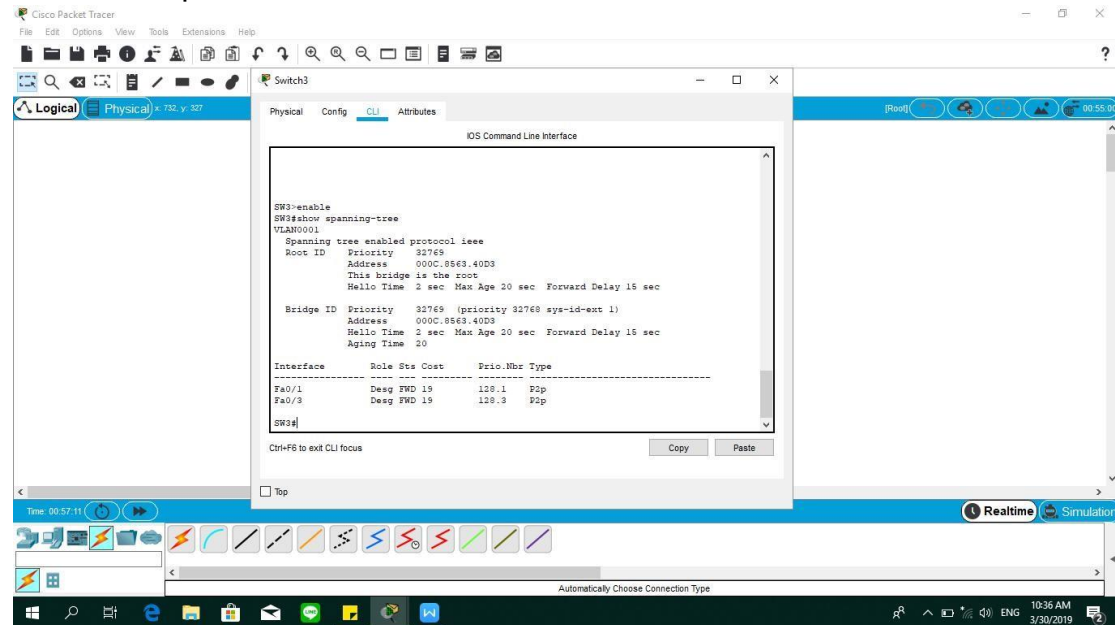
Status STP pada Switch 2



No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	0060.3E3C.4730
4	Bridge ID	32769.0060.3E3C.4730

5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : 19 0/3 : -
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Status STP pada Switch 3



Tugas 4B.

Tabel Switch1

No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	0040.0B3A.A30D
4	Bridge ID	32769.0040.0B3A.A30D
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : 19 0/3 : 19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tabel Switch2

6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tabel Switch3

No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	000C.8563.40D3
4	Bridge ID	32769.000C.8563.40D3
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : 0/3 : 19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tugas 4C.

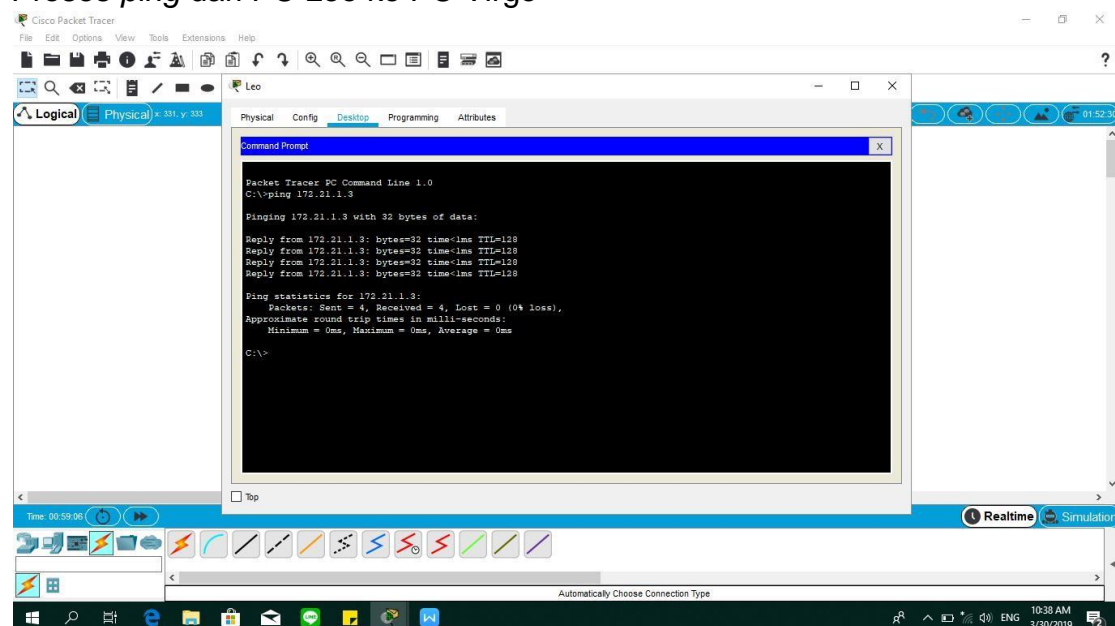
- Root Bridge : Switch3
- Designated Bridge : Switch2
- Root Port : Switch1 0/3 dan Switch2 0/3 - Designated Port : Switch 1 0/2

Tugas 4D.

- Keadaan Forwarding : Switch1 dan Switch2
- Keadaan Blocking : Switch 2

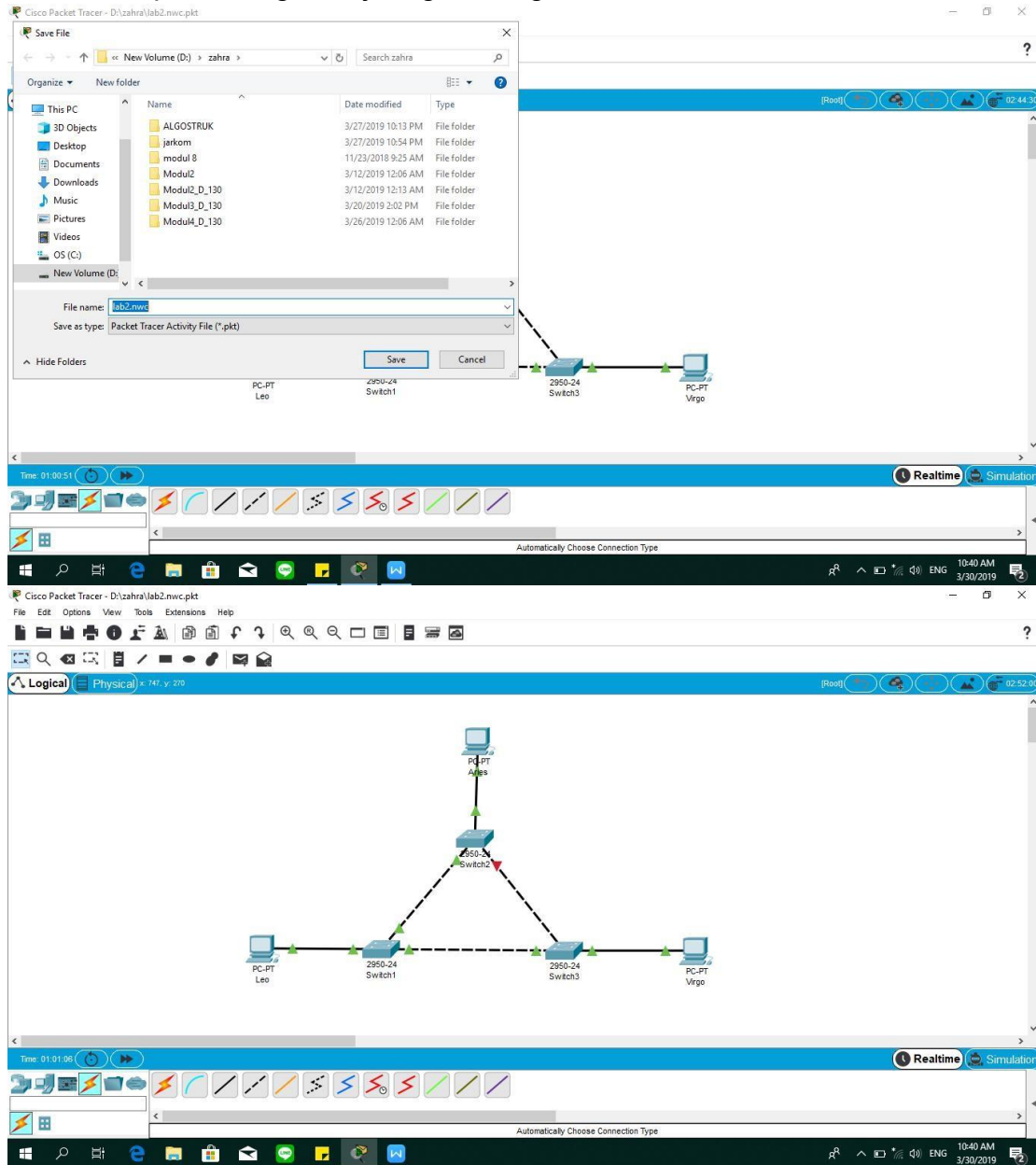
Tugas 5A.

Proses *ping* dari PC Leo ke PC Virgo



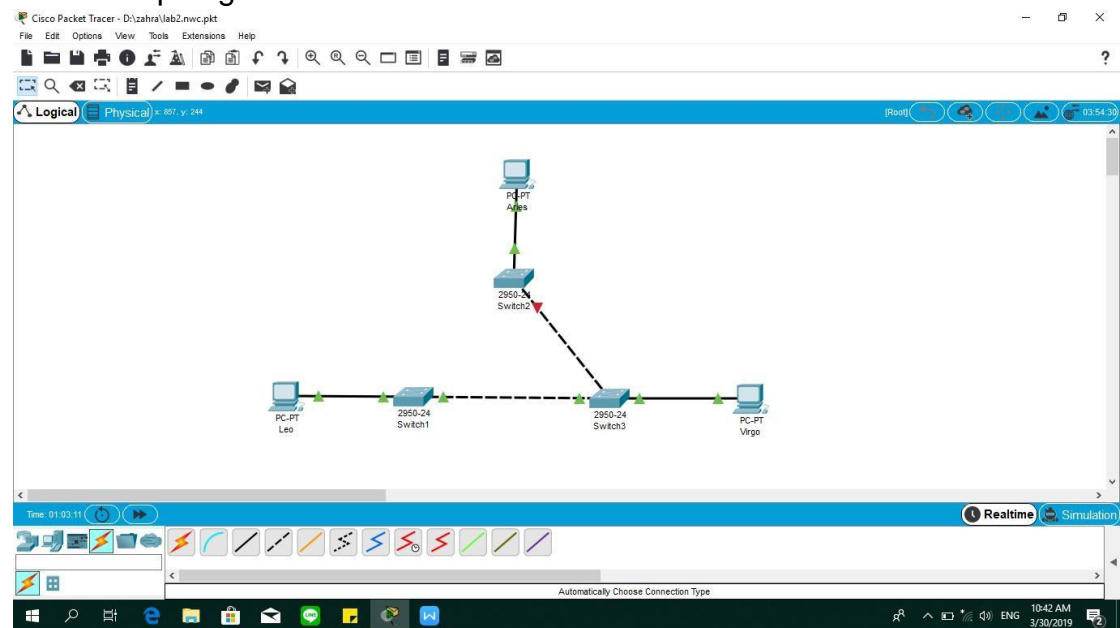
Tugas 6A.

Proses simpan konfigurasi jaringan dengan nama 'lab2.nwc'

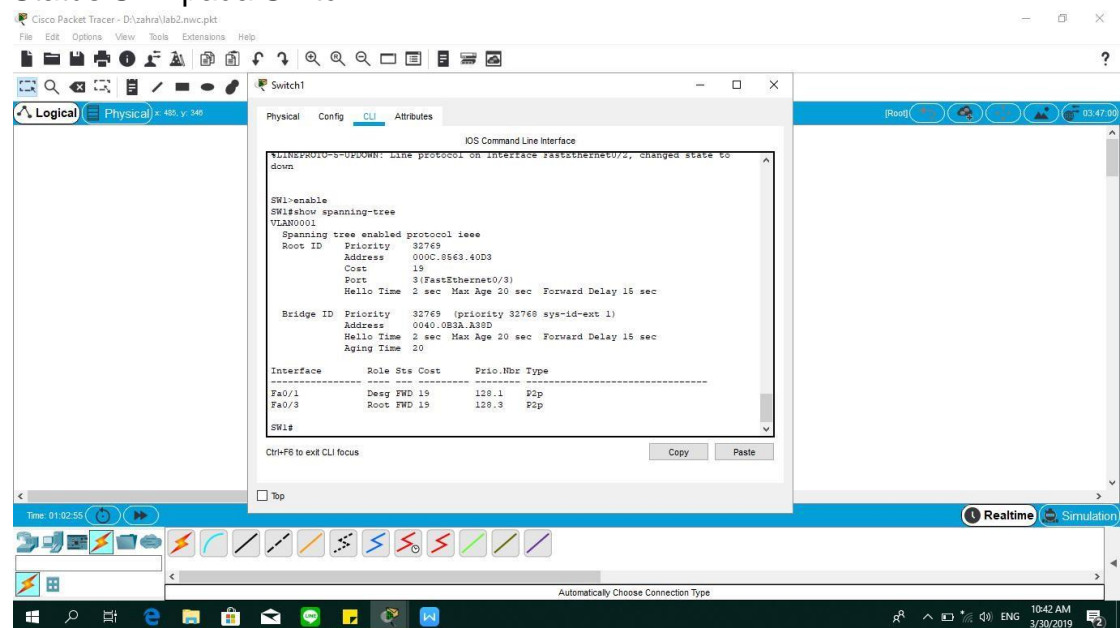


Kegiatan 2. Topologi 2.

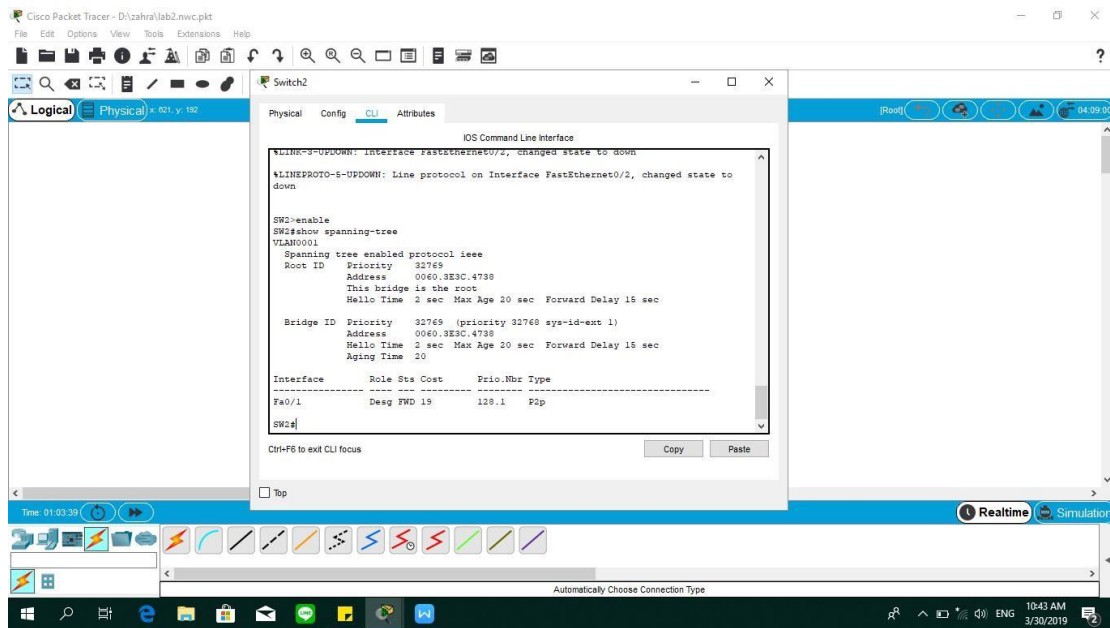
Bentuk Topologi setelah diubah



Status STP pada Switch1



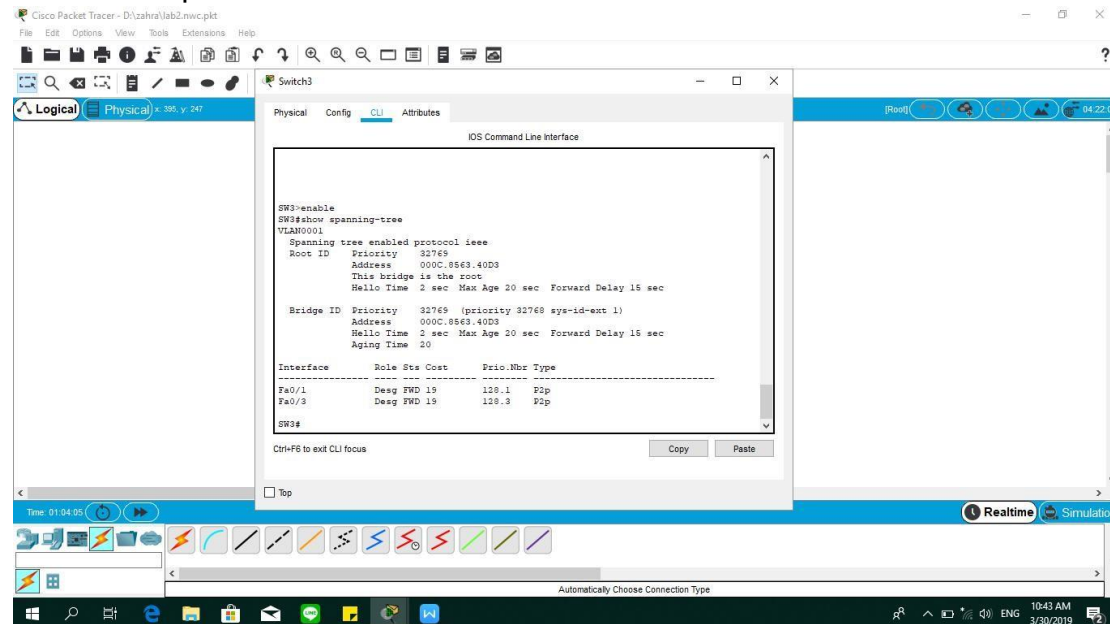
Status STP pada Switch2



No	Variabel	Nilai
1	Root ID	32769.0060.3E3C.4738
2	Priority	32769
3	MAC Address	0060.3E3C.4730
4	Bridge ID	32769.0060.3E3C.4730

5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : - 0/3 : -
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Status STP pada Switch3



Tabel Switch1

No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	0040.0B3A.A38D
4	Bridge ID	32769.0040.0B3A.A38D
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : 0/3 : 19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tabel Switch2

6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tabel Switch3

No	Variabel	Nilai
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1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	000C.8563.40D3
4	Bridge ID	32769.000C.8563.40D3
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : 0/3 : 19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Proses *ping* dari PC Leo ke PC Virgo

