### Laporan Praktikum Jaringan Komputer

Nama : Muhammad Rizky K H

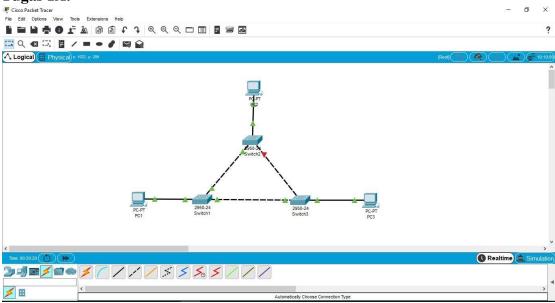
NIM : L200170133

Kelas : C

Modul: 6 (Spanning Tree Protocol)

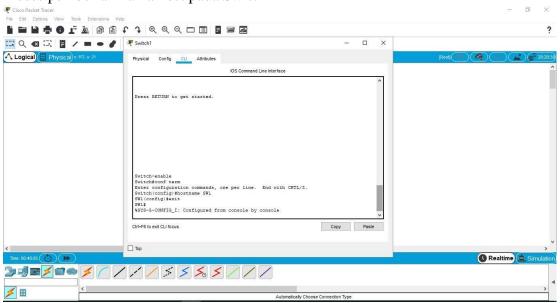
## Kegiatan 1. Topologi 1.

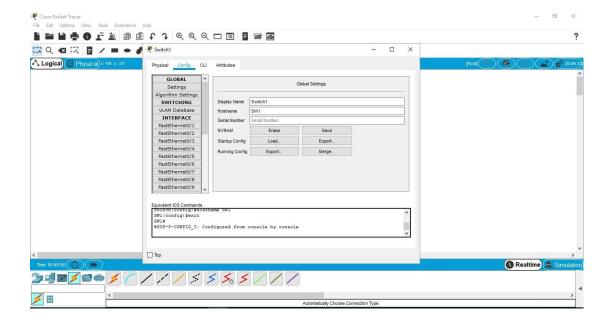
#### Tugas 1A.



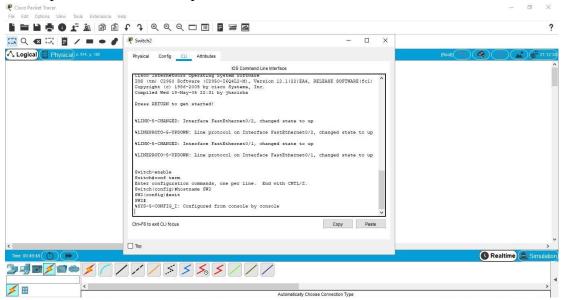
#### Tugas 2A.

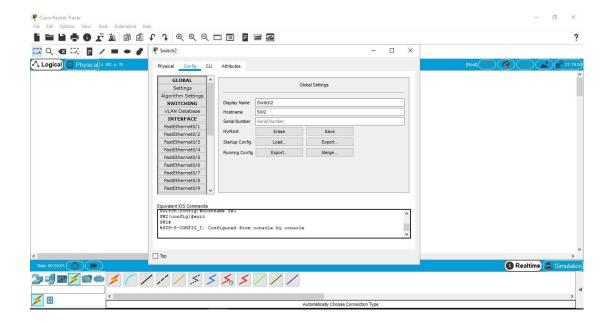
Proses pemberian nama host pada Switch1



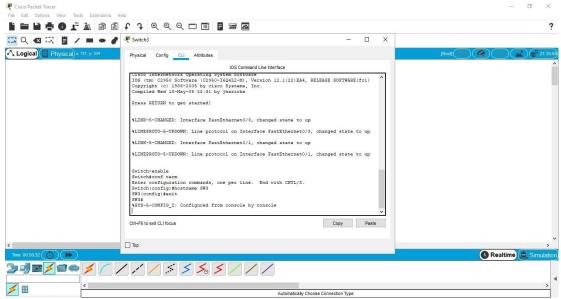


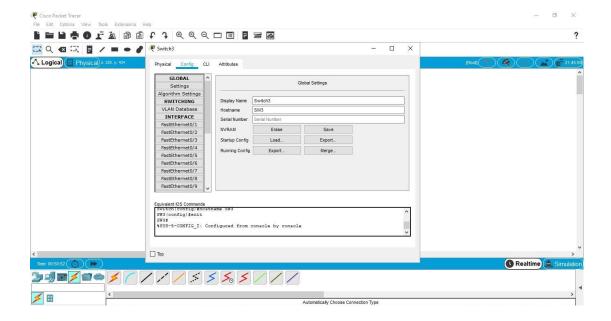
#### Proses pemberian nama host pada Switch2





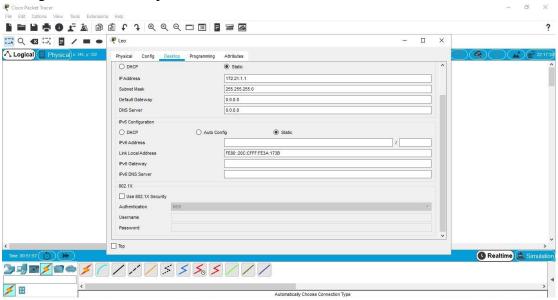
#### Proses pemberian nama host pada Switch3



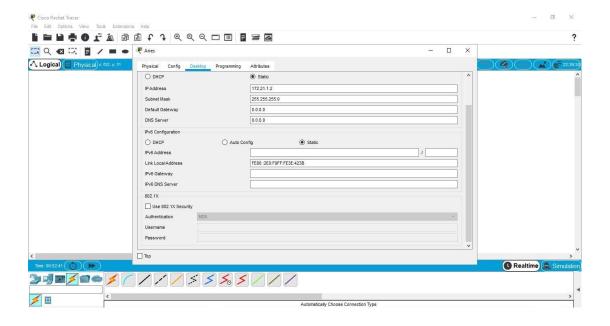


#### Tugas 3A.

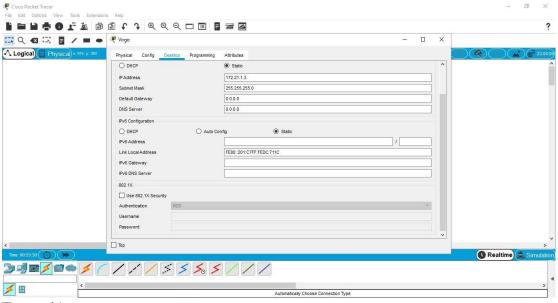
Konfigurasi IP Address pada PC Leo



Konfigurasi IP Address pada PC Aries

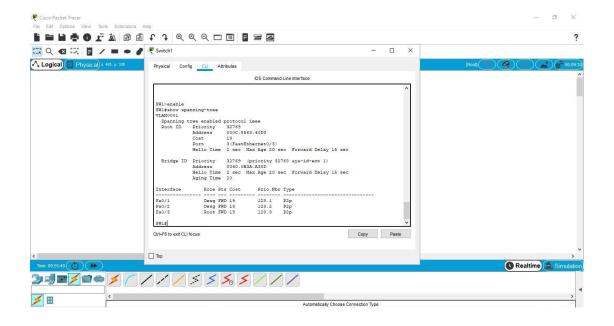


Konfigurasi IP Address pada PC Virgo

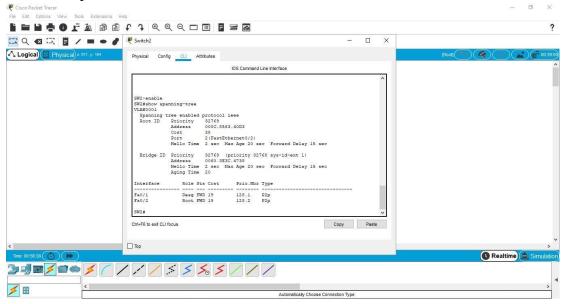


Tugas 4A.

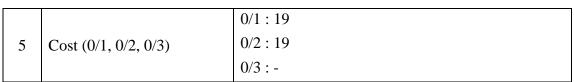
Status STP pada Switch 1

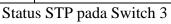


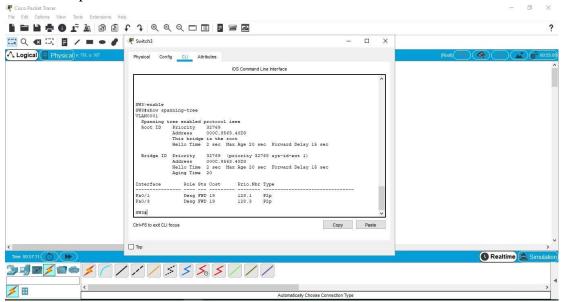
#### Status STP pada Switch 2



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







#### 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
		0/1:19
5	Cost (0/1, 0/2, 0/3)	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

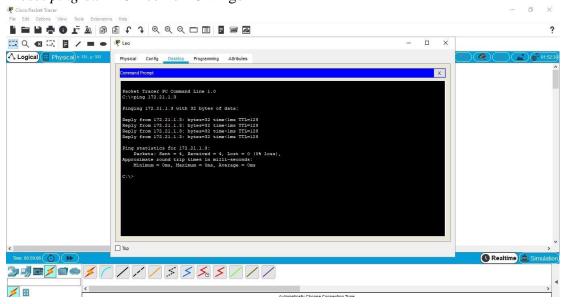
#### Tugas 4D.

- Keadaan Forwarding: Switch1 dan Switch2

- Keadaan Blocking : Switch 2

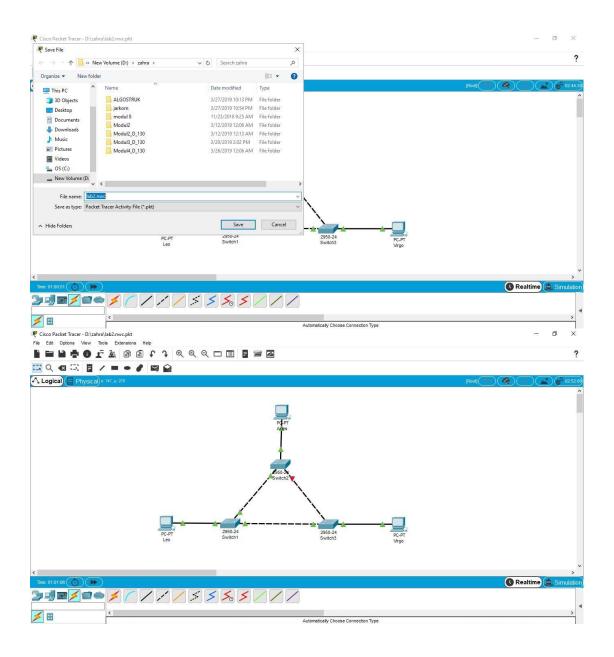
#### Tugas 5A.

Proses ping dari PC Leo ke PC Virgo



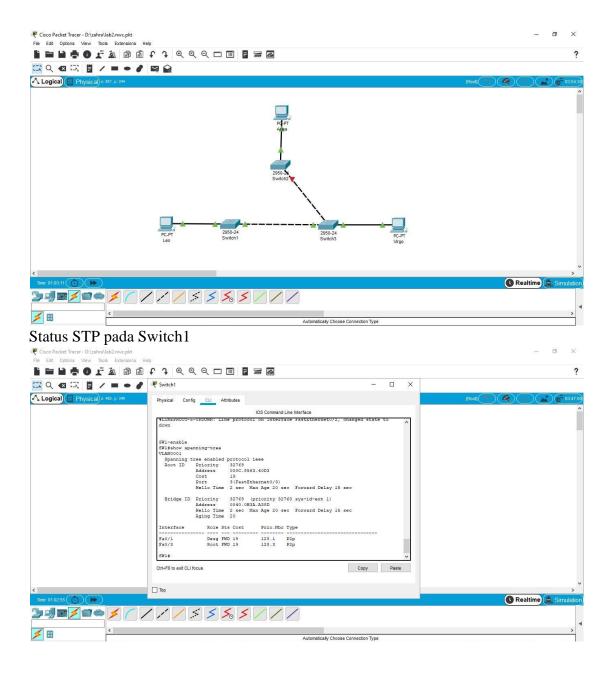
#### Tugas 6A.

Proses simpan konfigurasi jaringan dengan nama 'lab2.nwc'

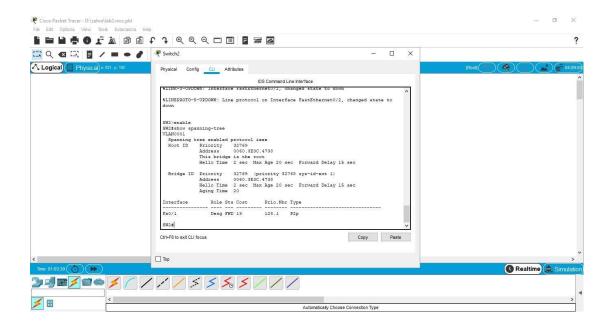


# Kegiatan 2. Topologi 2.

Bentuk Topologi setelah diubah

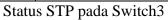


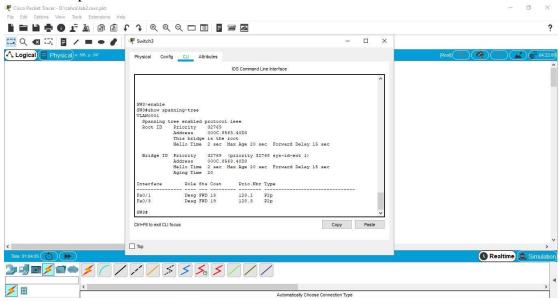
Status STP pada Switch2



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 : -





#### 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 Switch?		

#### Tabel Switch2

	6	Hello Time	2 Sec
Ī	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

# Proses ping dari PC Leo ke PC Virgo

