Nama: Dhimas Muhammad

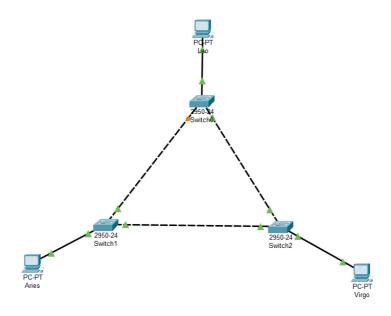
NIM : L200180148

Kelas: D

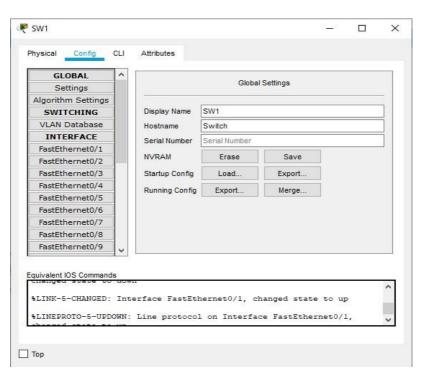
Praktikum Jaringan Komputer Modul 6

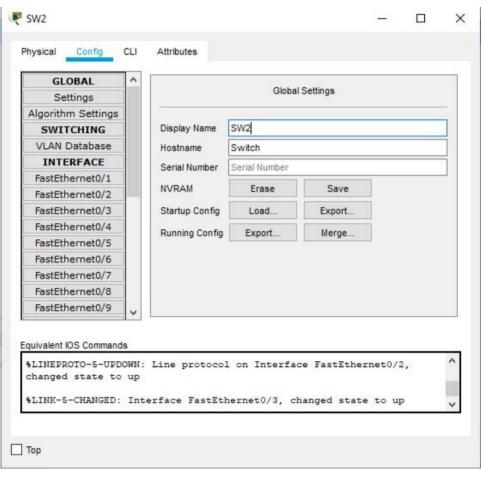
Kegiatan 1. Topologi 1

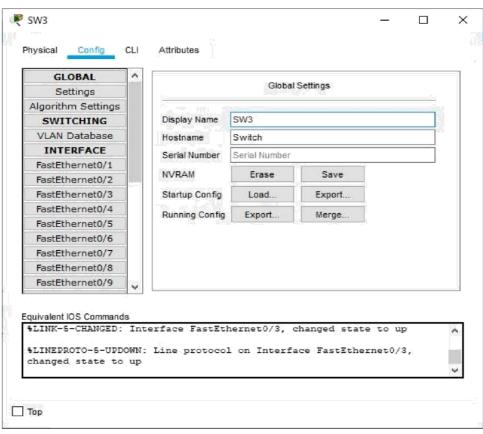
1A:



2A:







Langkah-langkah:

SW1

Switch>en

Switch#conf t

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#hostname SW1

SW1(config)#end

SW₂

Switch>en

Switch#conf t

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#hostname SW2

SW2(config)#end

SW3

Switch>en

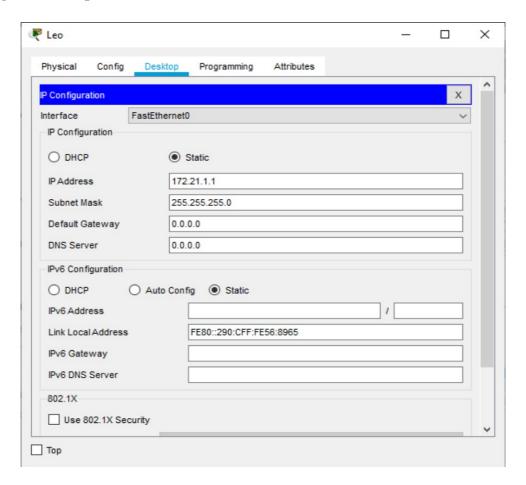
Switch#conf t

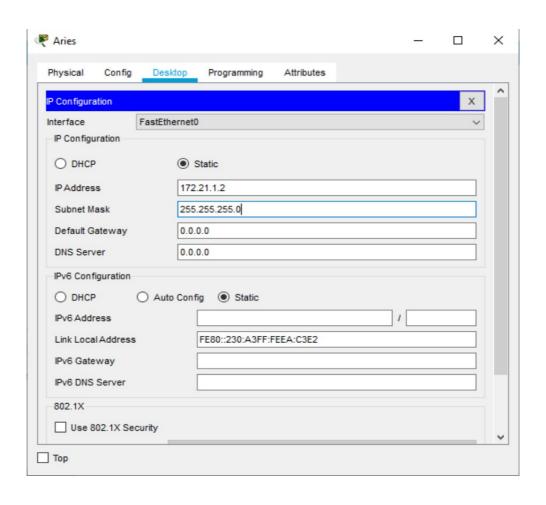
Enter configuration commands, one per line. End with CNTL/Z.

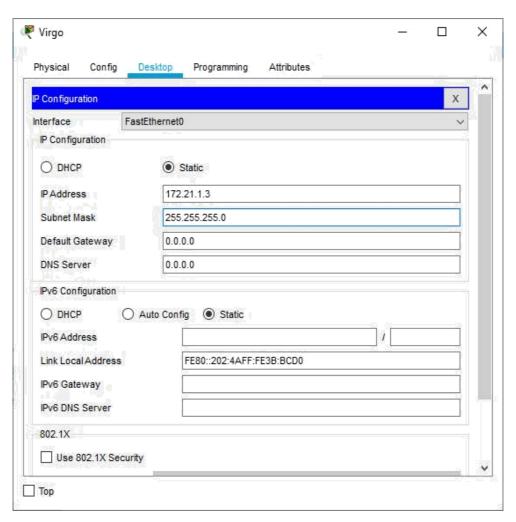
Switch(config)#hostname SW3

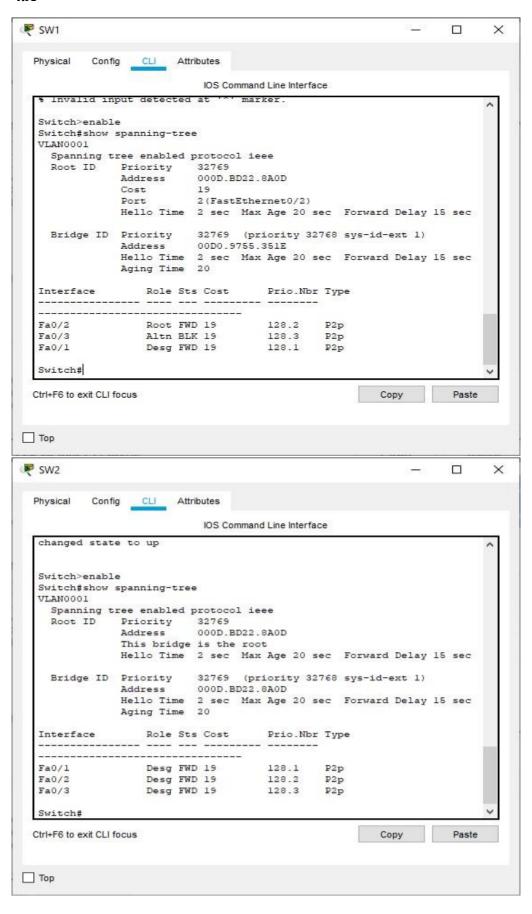
SW3(config)#end

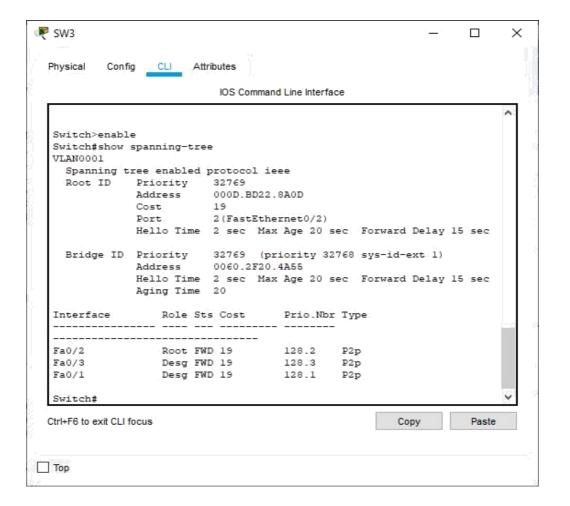
Konfigurasi IP tiap PC











4B: SW1

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	Mac Address	0001.9633.4035
4	Bridge ID	
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW2

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	Mac Address	0003.E4C0.6B85
4	Bridge ID	
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW3

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	Mac Address	00E0.8F44.52D6
4	Bridge ID	
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

4C:

Root bridge = Switch SW2

Designated bridge = Switch SW1 dan Switch SW3

Root port = 2(FastEthernet0/2)

Designated port = 1(FastEthernet0/1) dan

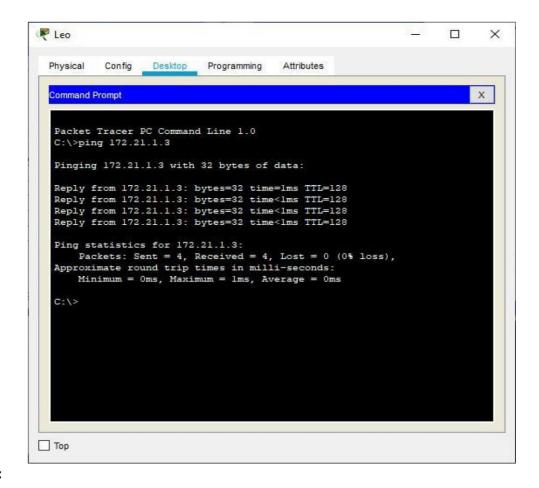
3(FastEthernet0/3)

4D:

Forwarding = 1(FastEthernet0/1) dan 2(FastEthernet0/2)

Blocking = 3(FastEthernet0/3)

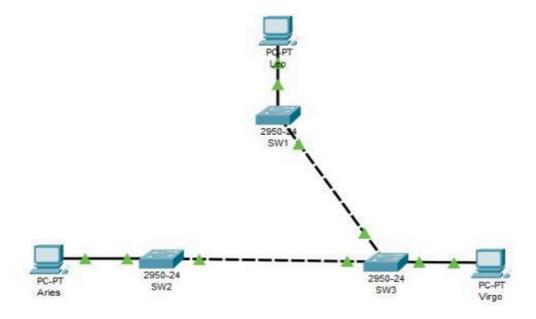
5A: klik PC Leo lalu klik tab desktop lalu pilih command prompt, masukkan ping 172.21.1.3.

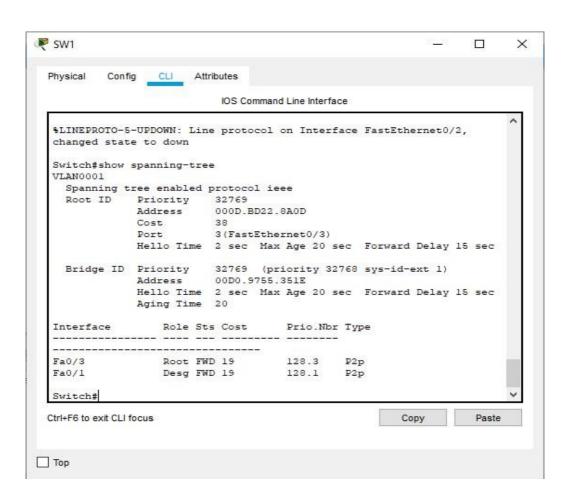


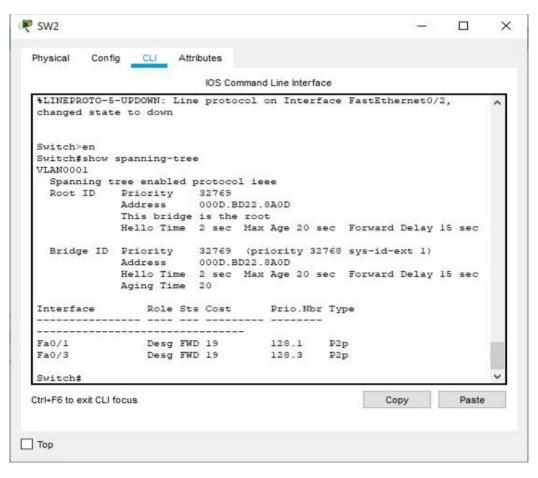
6A:

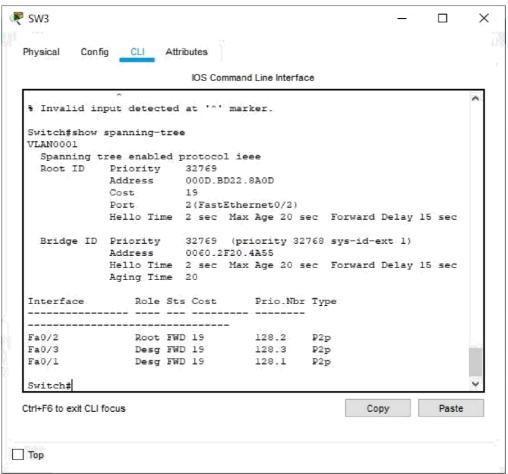


Kegiatan 2. Topologi 2









SW1

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	Mac Address	0001.9633.4035
4	Bridge ID	
5	Cost(0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW2

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	Mac Address	0003.E4C0.6B85
4	Bridge ID	
5	Cost(0/2;0/3)	19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW3

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	Mac Address	00E0.8F44.52D6
4	Bridge ID	
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Root bridge = Switch SW2

Designated bridge = Switch SW1 dan Switch SW3
Root port = SW1: Fa0/3, SW3: Fa0/2

- 5 W 1. 1 ab/3, 5 W 3. 1 ab/2

Designated port = SW1: Fa0/1, SW2 & SW3: Fa0/1,

Fa0/3

Forwarding = 1(FastEthernet0/1),

2(FastEthernet0/2), 3(FastEthernet0/3)

Blocking = -