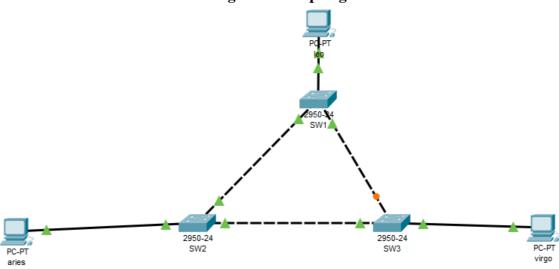
Nama: Aji Mustaqim NIM: L200180141

Kelas :C

Modul 6

Kegiatan 1. Topologi 1



Tugas 1A:

Pertama kita beri 3 Switch 2950-24 lalu kita beri masing-masing PC per Switch dan sambungkan antar peripheral dengan media transmisi kabel

Tugas 2A:

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

Switch>en

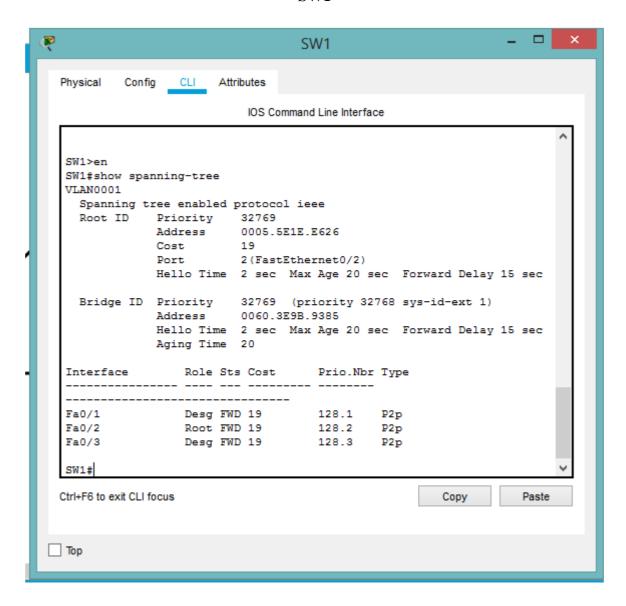
Switch#conf t

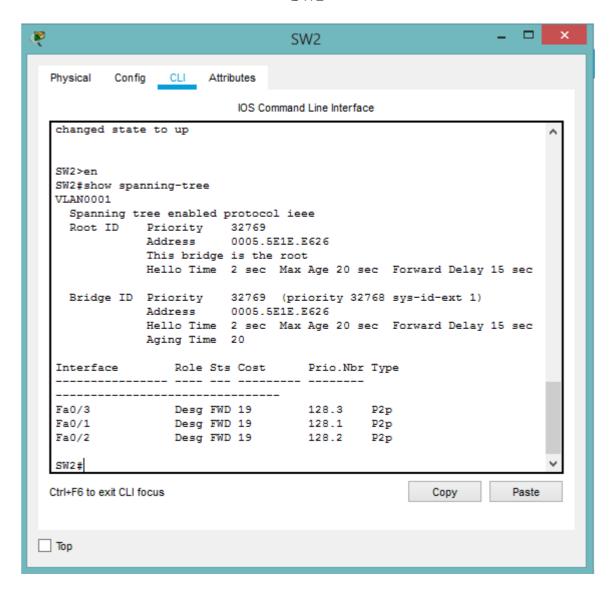
Enter configuration commands, one per line. End with CNTL/Z.

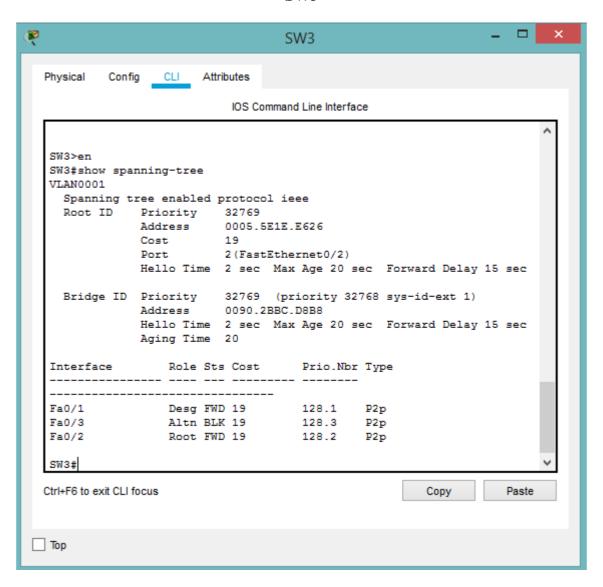
Switch(config)#hostname SW3

SW3(config)#end

Tugas 4A:







Tugas 4B:

SW1

No	Variabel	Nilai
1	Root ID	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0060.3E9B.9385
4	Bridge ID	0060.3E9B.9385
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	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0005.5E1E.E626
4	Bridge ID	0005.5E1E.E626
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

No	Variabel	Nilai
1	Root ID	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0090.2BBC.D8B
		8
4	Bridge ID	0090.2BBC.D8B
		8
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

Tugas 4C:

Root bridge: SW2

Designated bridge: SW1

Root port : SW1 (Fa0/2), SW3(Fa0/2)

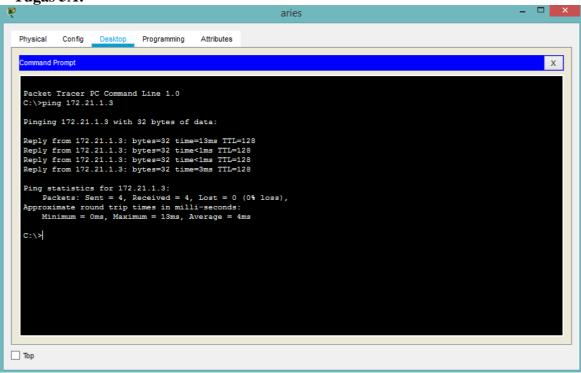
Designated port: SW1(Fa0/1;Fa0/3), SW2(Fa0/1,Fa0/2,Fa0/3), SW3(Fa0/1)

Tugas 4D:

Forwarding: SW1(Fa0/1;Fa0/2;Fa0/3), SW2(Fa0/1;Fa0/2;Fa0/3), SW3(Fa0/1;Fa0/2)

Blocking: SW3(Fa0/3)

Tugas 5A:



Masuk ke PC >> Desktop >> Command Prompt

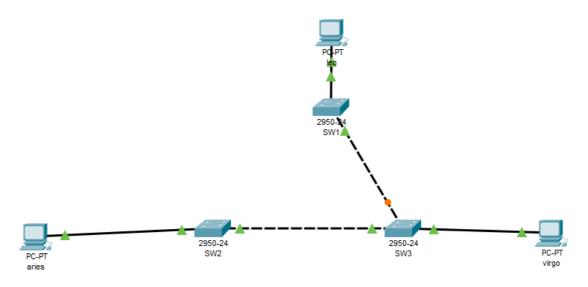
Lalu ketik "ping 172.21.1.3"

Tugas 6A:

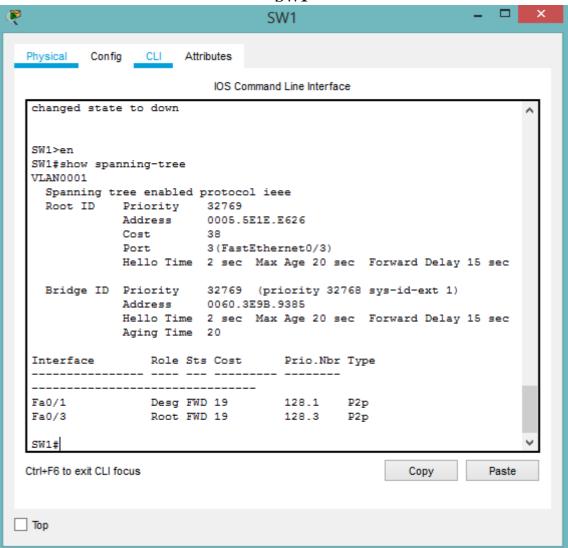
Lakukan perintah dibawah untuk setiap switch :

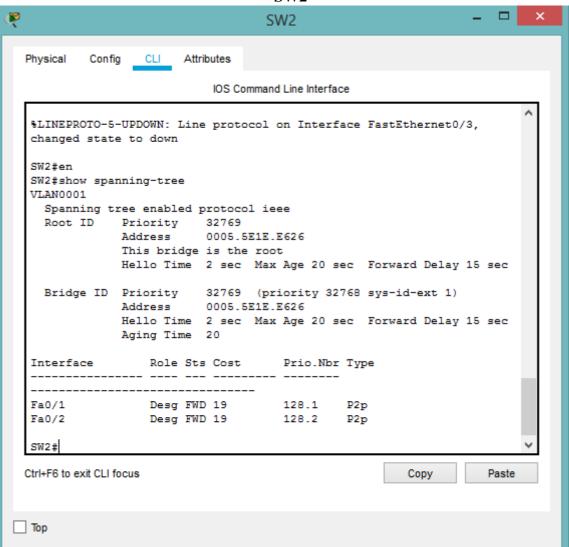
SW1>en SW1#write Building configuration... [OK]

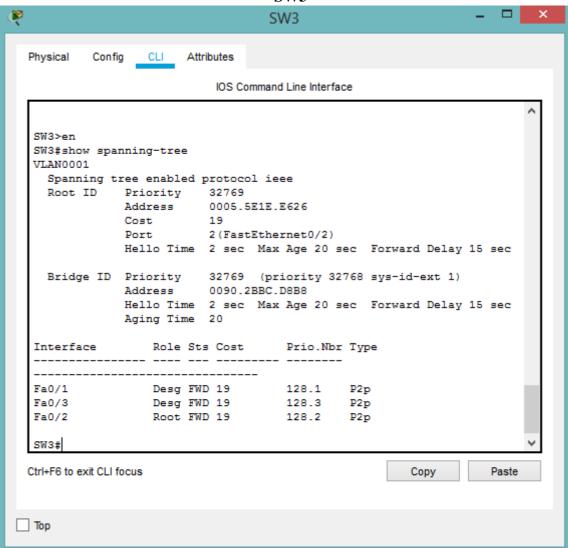
Kegiatan 2. Topologi 2



Tugas 9A:







No	Variabel	Nilai
1	Root ID	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0060.3E9B.9385
4	Bridge ID	0060.3E9B.9385
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	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0005.5E1E.E626
4	Bridge ID	0005.5E1E.E626
5	Cost(0/2;0/3)	19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

No	Variabel	Nilai
1	Root ID	0005.5E1E.E626
2	Priority	32769
3	Mac Address	0090.2BBC.D8B
		8
4	Bridge ID	0090.2BBC.D8B
		8
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: SW2

Designated bridge: SW3

Root port : SW1 (Fa0/3), SW3(Fa0/2)

 $\textbf{\textit{Designated port:}} \ SW1(Fa0/1), \ SW2(Fa0/1;Fa0/2), \ SW3(Fa0/1;Fa0/3)$

Forwarding: SW1(Fa0/1;Fa0/3), SW2(Fa0/1;Fa0/2),

SW3(Fa0/1;Fa0/2;Fa0/3)

Blocking: None