Nama : Dewantara Surya Jaya

NIM   : L200180013

Kegiatan 1
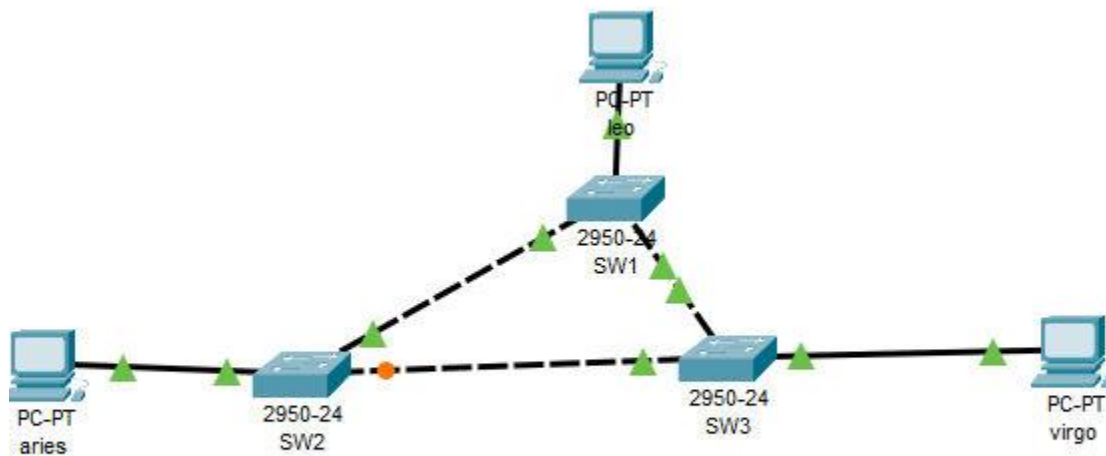
SW1

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	0001.C902.E160
4	Bridge ID	
5	Cost (0/1;0/2;0/3)	19;19;19
6	HelloTime	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW2

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	000B.BEA7.C0D6
4	Bridge ID	

5	Cost (0/1;0/2;0/3)	19;19;19
6	HelloTime	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW3

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	MAC Address	000A.F3C5.B438
4	Bridge ID	
5	Cost (0/1;0/2;0/3)	19;19;19
6	HelloTime	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Root bridge adalah SW1

Designated bridge adalah SW3

Root port Fa 0/2 dari SW2 dan Fa 0/3 dari SW3

Designated port :

SW1(Fa 0/1,0/2 dan 0/3)

SW2(Fa 0/3)

SW3 (Fa 0/1 dan 0/2)

Port yang berada dalam kondiis forwarding :

SW1 (Fa 0/1,0/2 dan 0/3)

SW2 (Fa 0/2 dan 0/3)

SW3 (Fa 0/1,0/2 dan 0/3)

Port yang berada dalam kondisi blocking :

SW2(Fa 0/1)

Command Prompt

```
Pinging 172.21.1.3 with 32 bytes of data:

Reply from 172.21.1.3: bytes=32 time=20ms TTL=128
Reply from 172.21.1.3: bytes=32 time=12ms TTL=128
Reply from 172.21.1.3: bytes=32 time=11ms TTL=128
Reply from 172.21.1.3: bytes=32 time=3ms TTL=128

Ping statistics for 172.21.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 3ms, Maximum = 20ms, Average = 11ms

C:\>ping 172.21.1.3

Pinging 172.21.1.3 with 32 bytes of data:

Reply from 172.21.1.3: bytes=32 time=1ms TTL=128
Reply from 172.21.1.3: bytes=32 time=3ms TTL=128
Reply from 172.21.1.3: bytes=32 time=1ms TTL=128
Reply from 172.21.1.3: bytes=32 time=4ms TTL=128

Ping statistics for 172.21.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 4ms, Average = 2ms
```
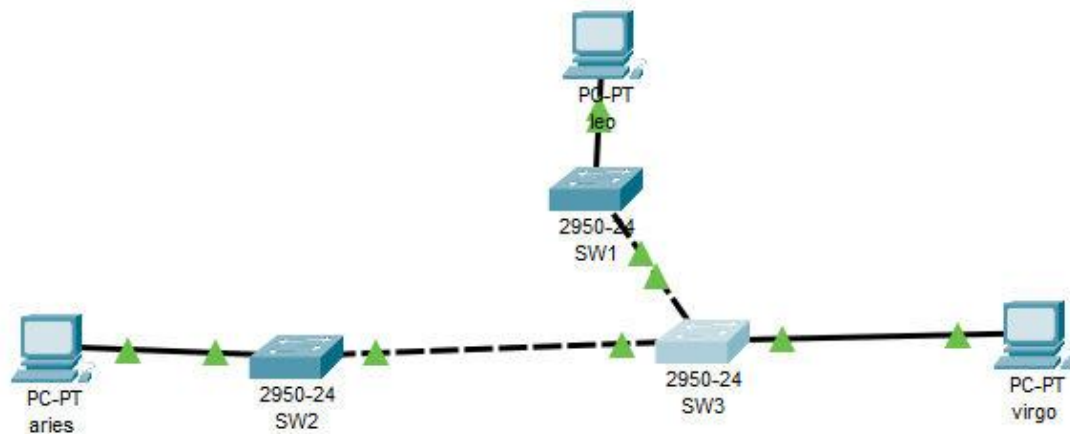
Kegiatan 2

Root bridge adalah SW1

Designated bridge adalah SW3

Root port Fa 0/2 dari SW2 dan Fa 0/1 dari SW3

Designated port :

SW1(Fa 0/1,0/2)

SW2(Fa 0/1)

SW3 (Fa 0/2 dan 0/3)

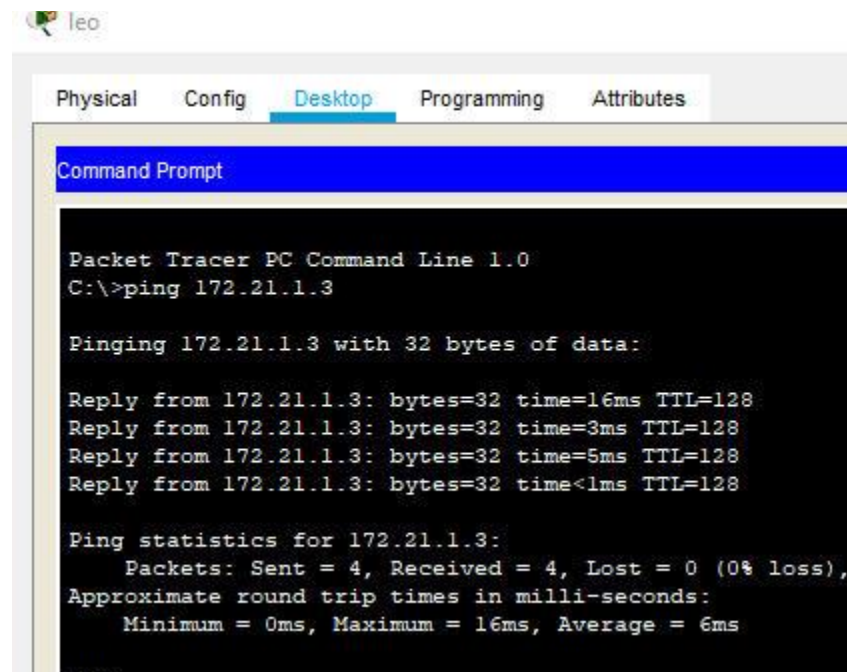Port yang berada dalam kondiis forwarding :

SW1 (Fa 0/1,0/2)

SW2 (Fa 0/1,0/2)

SW3 (Fa 0/1,0/2 dan 0/3)

Port yang berada dalam kondisi blocking :

Tidak ada