

Nama : Rifqi Wirawan

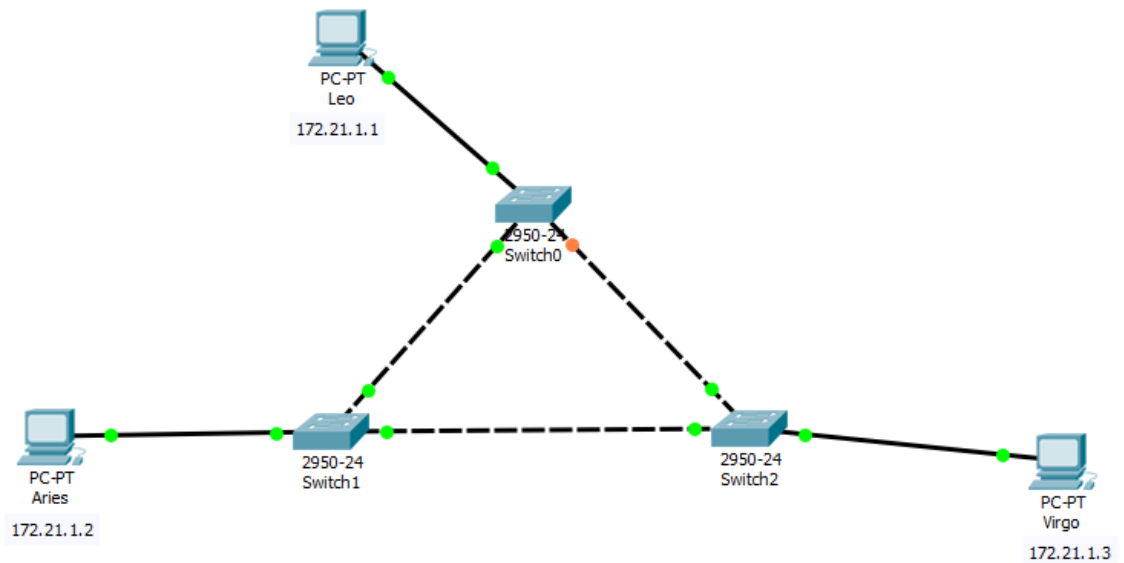
NIM : L200170141

Kelas : C

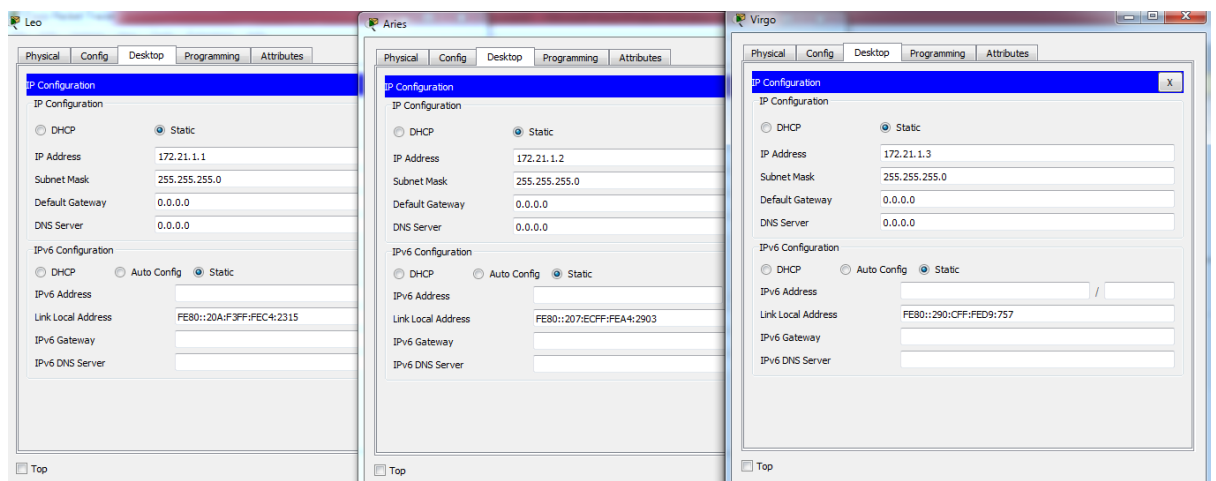
Modul : Ke-6

- **Kegiatan 1 Praktikum**

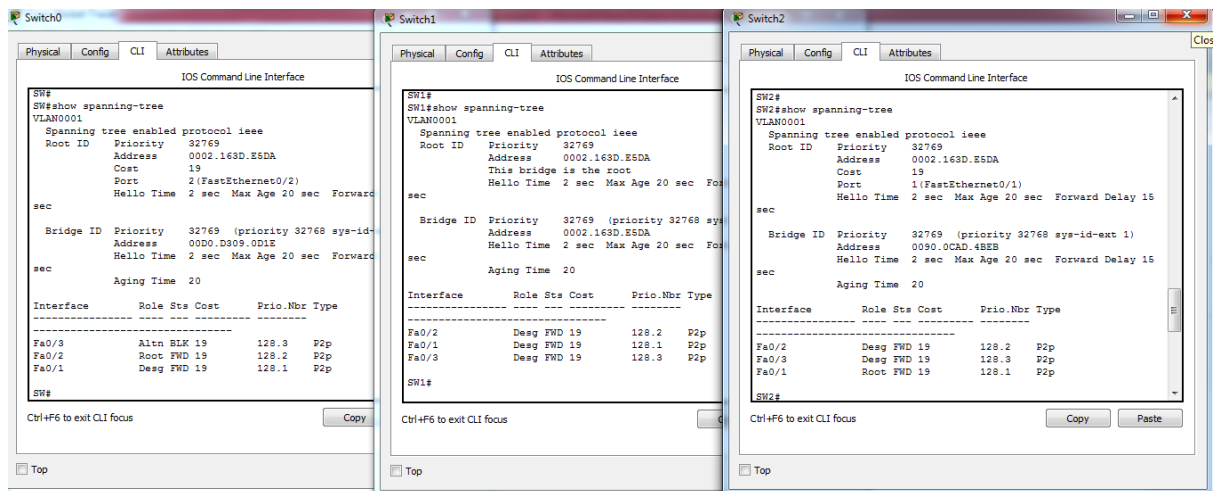
Membuat sebuah topologi yang terdiri dari 3 switch dan 3 PC



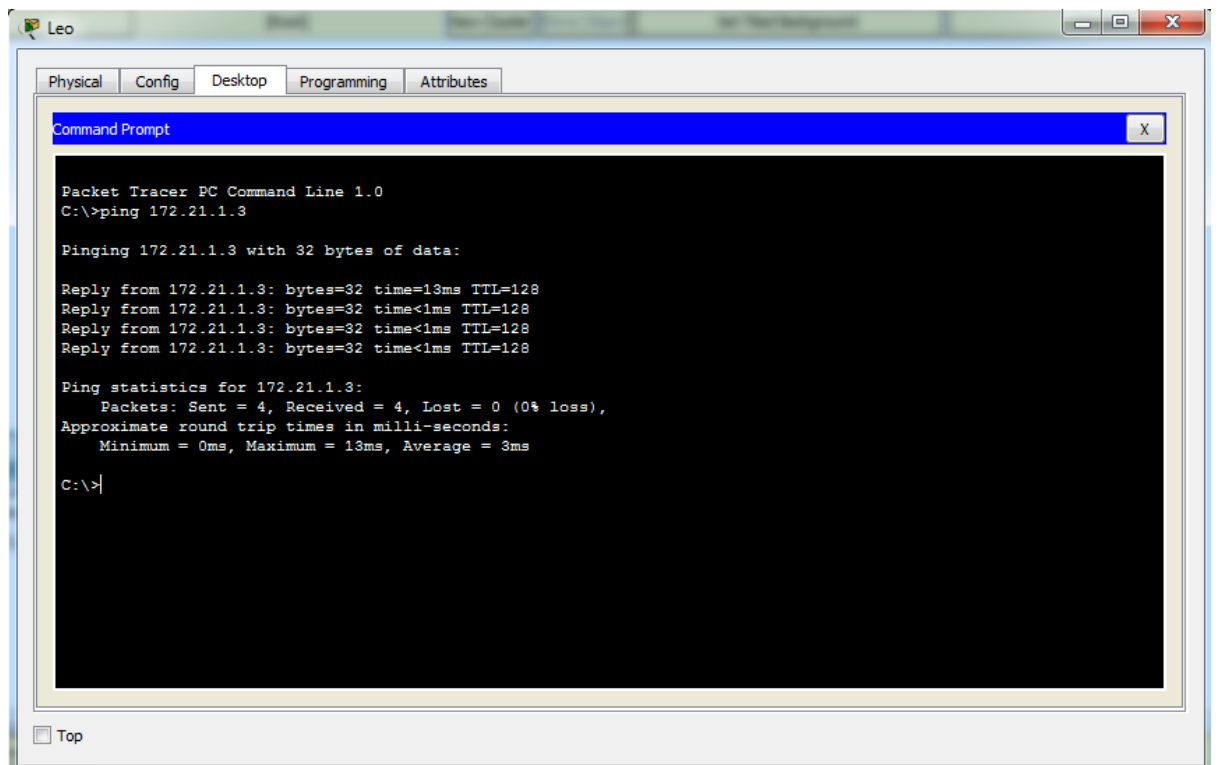
Kemudian masing-masing pc dikonfigurasi dengan alamat ip sebagai berikut



Setelah itu melakukan pengecekan status pada stp masing-masing

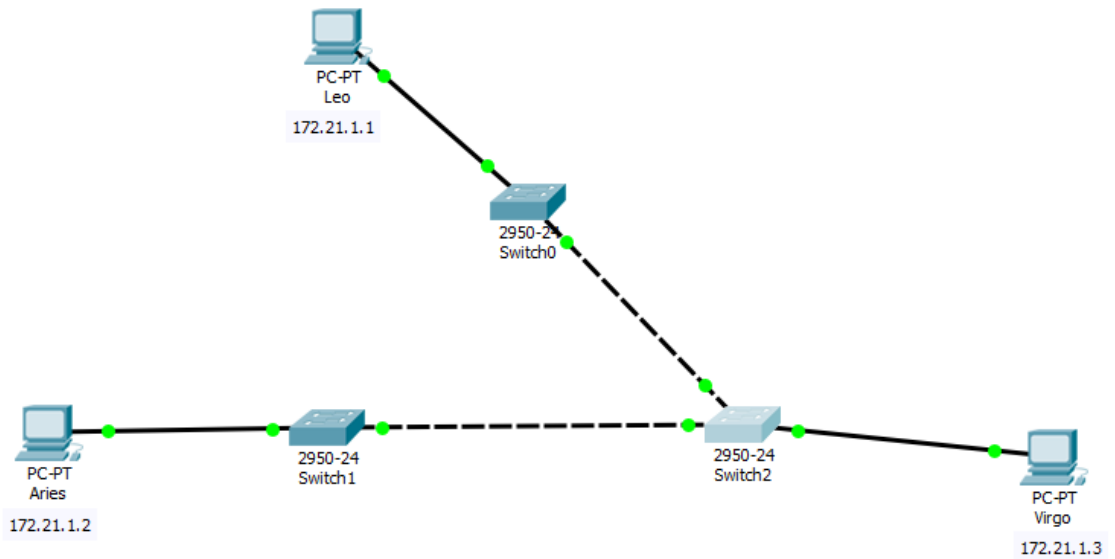


Kemudian dilakukan pengecekan pada PC Leo ke PC Virgo



• Kegiatan 2

Membuat sebuah topologi yang terdiri dari 3 switch dan 3 PC



Dengan alamat ip yang sama seperti diatas, Setelah itu melakukan pengecekan status pada stp masing-masing

Switch0

```

SW>enable
SW#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address    0002.163D.E5DA
            Cost        38
            Port        3(FastEthernet0/3)
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
  Bridge ID  Priority    32769 (priority 32769 sys-id-ext 1)
            Address    00D0.D809.0D1E
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
  Aging Time 20
  Interface Role Sts Cost Prio.Nbr Type
  -----
  Fa0/3     Root FWD 19   128.3 P2p
  Fa0/1     Desg FWD 19   128.1 P2p
        
```

Switch1

```

SW1>enable
SW1#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address    0002.163D.E5DA
            Cost        19
            Port        1(FastEthernet0/1)
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
  Bridge ID  Priority    32769 (priority 32769 sys-id-ext 1)
            Address    0090.0CAD.4BEB
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
  Aging Time 20
  Interface Role Sts Cost Prio.Nbr Type
  -----
  Fa0/2     Desg FWD 19   128.2 P2p
  Fa0/3     Desg FWD 19   128.3 P2p
        
```

Switch2

```

SW2>enable
SW2#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address    0002.163D.E5DA
            Cost        19
            Port        1(FastEthernet0/1)
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
  Bridge ID  Priority    32769 (priority 32769 sys-id-ext 1)
            Address    0090.0CAD.4BEB
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
  Aging Time 20
  Interface Role Sts Cost Prio.Nbr Type
  -----
  Fa0/2     Desg FWD 19   128.2 P2p
  Fa0/3     Desg FWD 19   128.3 P2p
  Fa0/1     Root FWD 19   128.1 P2p
        
```

Kemudian dilakukan pengecekan ping dari PC leo ke PC virgo

```

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<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms 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 = 0ms, Maximum = 1ms, Average = 0ms
  
```