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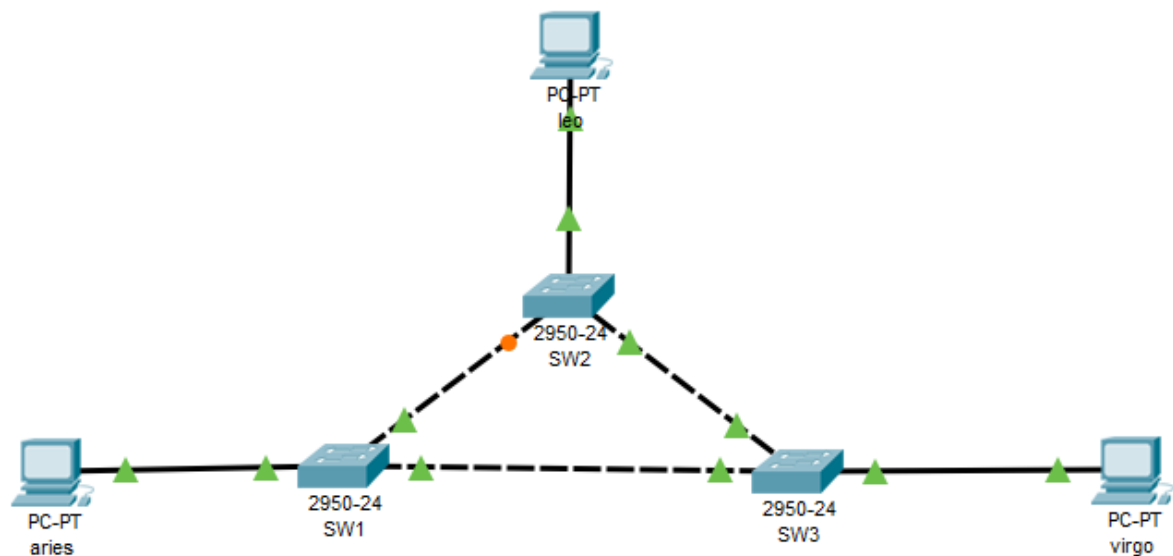
Kelas : D

Modul: VI

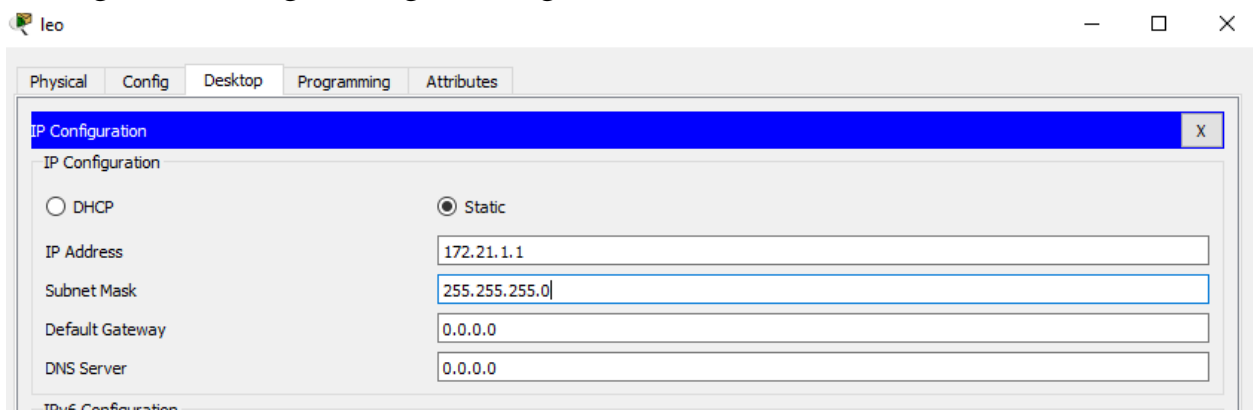
Kegiatan Praktikum Modul VI

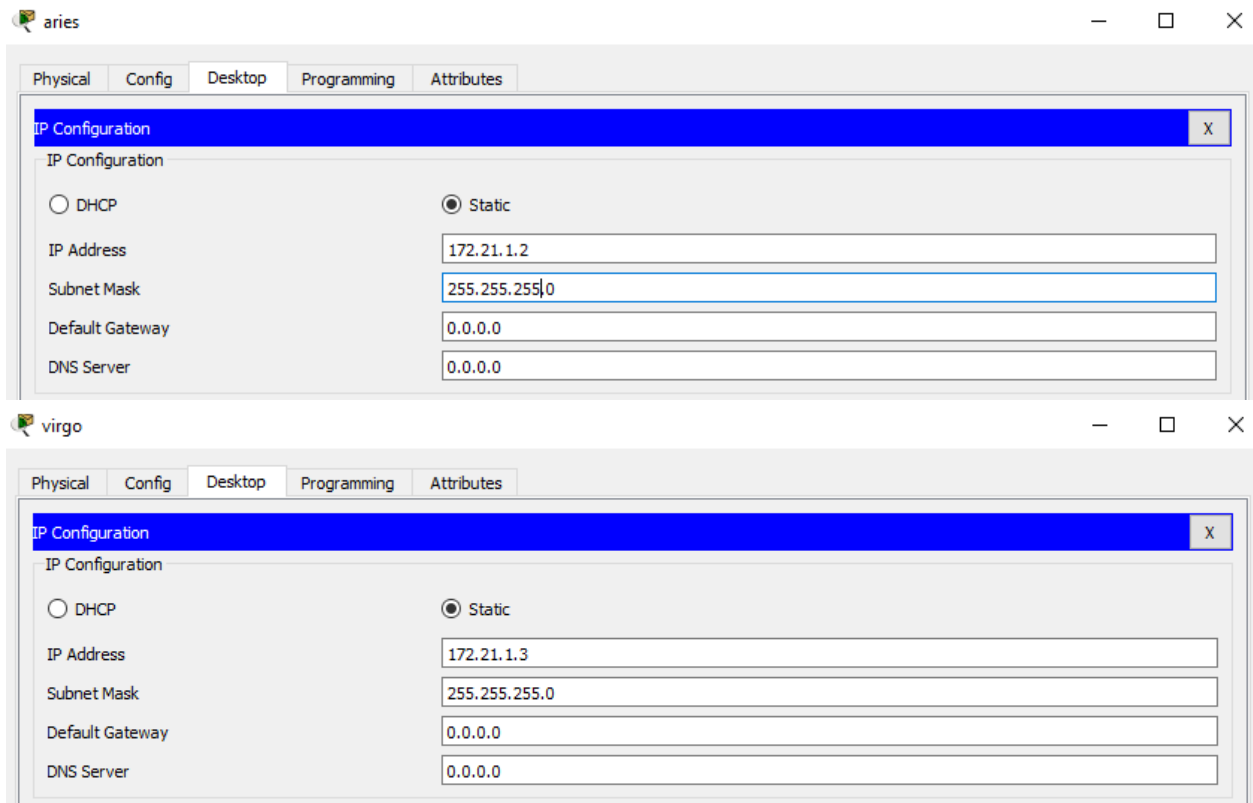
Kegiatan 1. Topologi 1

1. Membuat topologi seperti gambar berikut, lalu beri nama masing-masing switch dengan SW1, SW2, dan SW3

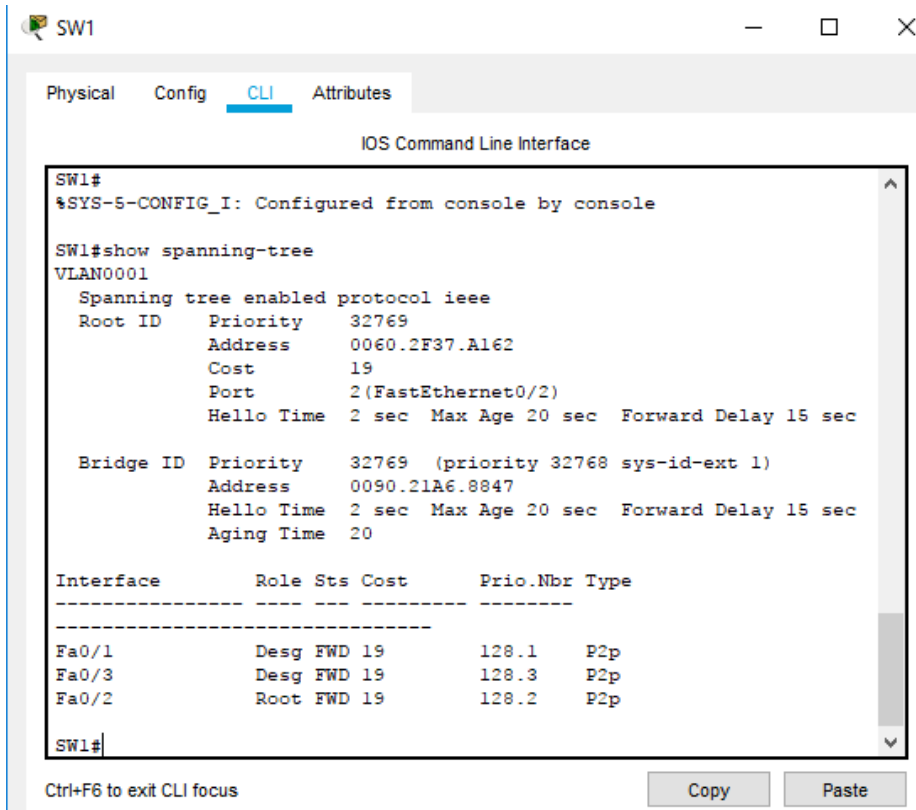


2. Konfigurasi masing-masing PC dengan alamat IP





3. Melihat status STP pada masing-masing switch.



SW2

Physical Config **CLI** Attributes

IOS Command Line Interface

```
SW2#
%SYS-5-CONFIG_I: Configured from console by console

SW2#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address     0060.2F37.A162
            Cost        19
            Port        2(FastEthernet0/2)
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
            Address     00D0.FF87.EBED
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
            Aging Time  20

Interface    Role Sts Cost      Prio.Nbr Type
-----
Fa0/1        Altn BLK 19        128.1    P2p
Fa0/2        Root FWD 19        128.2    P2p
Fa0/3        Desg FWD 19        128.3    P2p

SW2#
```

Ctrl+F6 to exit CLI focus

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SW3

Physical Config **CLI** Attributes

IOS Command Line Interface

```
SW3(config)#ex
SW3#
%SYS-5-CONFIG_I: Configured from console by console

SW3#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address     0060.2F37.A162
            This bridge is the root
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
            Address     0060.2F37.A162
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
            Aging Time  20

Interface    Role Sts Cost      Prio.Nbr Type
-----
Fa0/1        Desg FWD 19        128.1    P2p
Fa0/2        Desg FWD 19        128.2    P2p
Fa0/3        Desg FWD 19        128.3    P2p

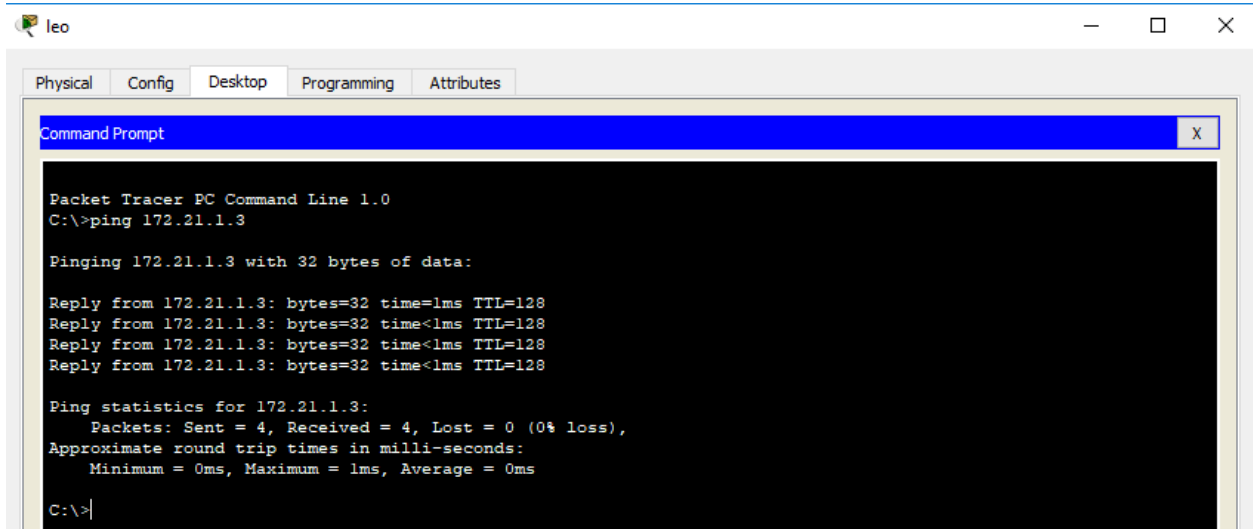
SW3#
```

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4. Ping dari PC leo ke PC virgo



The screenshot shows a Packet Tracer window for PC 'leo'. The 'Desktop' tab is active, displaying a 'Command Prompt' window. The command prompt shows the execution of the 'ping 172.21.1.3' command, which is successful. The output indicates that 4 packets were sent and received with 0% loss, and the round trip times are all 0ms.

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.21.1.3

Pinging 172.21.1.3 with 32 bytes of data:

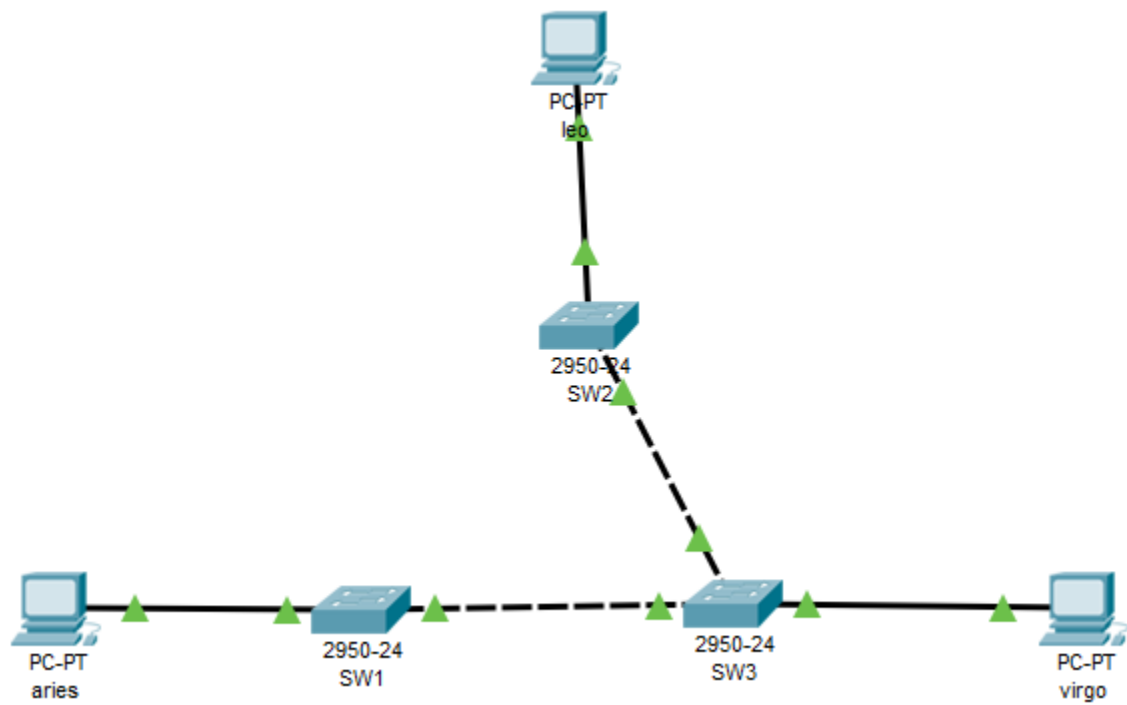
Reply from 172.21.1.3: bytes=32 time=0ms TTL=128
Reply from 172.21.1.3: bytes=32 time<0ms TTL=128
Reply from 172.21.1.3: bytes=32 time<0ms TTL=128
Reply from 172.21.1.3: bytes=32 time<0ms TTL=128

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 = 0ms, Average = 0ms

C:\>|
```

Kegiatan 2. Topologi 2

1. Membuat topologi seperti gambar berikut ini.



2. Melihat status STP pada tiap switch

SW1

Physical Config **CLI** Attributes

IOS Command Line Interface

```
Switch>en
Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0001.6440.7A39
             This bridge is the root
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address     0001.6440.7A39
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20

Interface          Role Sts Cost      Prio.Nbr Type
-----
Fa0/1              Desg FWD 19       128.1    P2p
Fa0/2              Desg FWD 19       128.2    P2p

Switch#
```

Ctrl+F6 to exit CLI focus

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IOS Command Line Interface

```
Switch>en
Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address     0001.6440.7A39
            Cost        38
            Port        1(FastEthernet0/1)
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769  (priority 32768 sys-id-ext 1)
            Address     0010.1174.63E5
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
            Aging Time  20

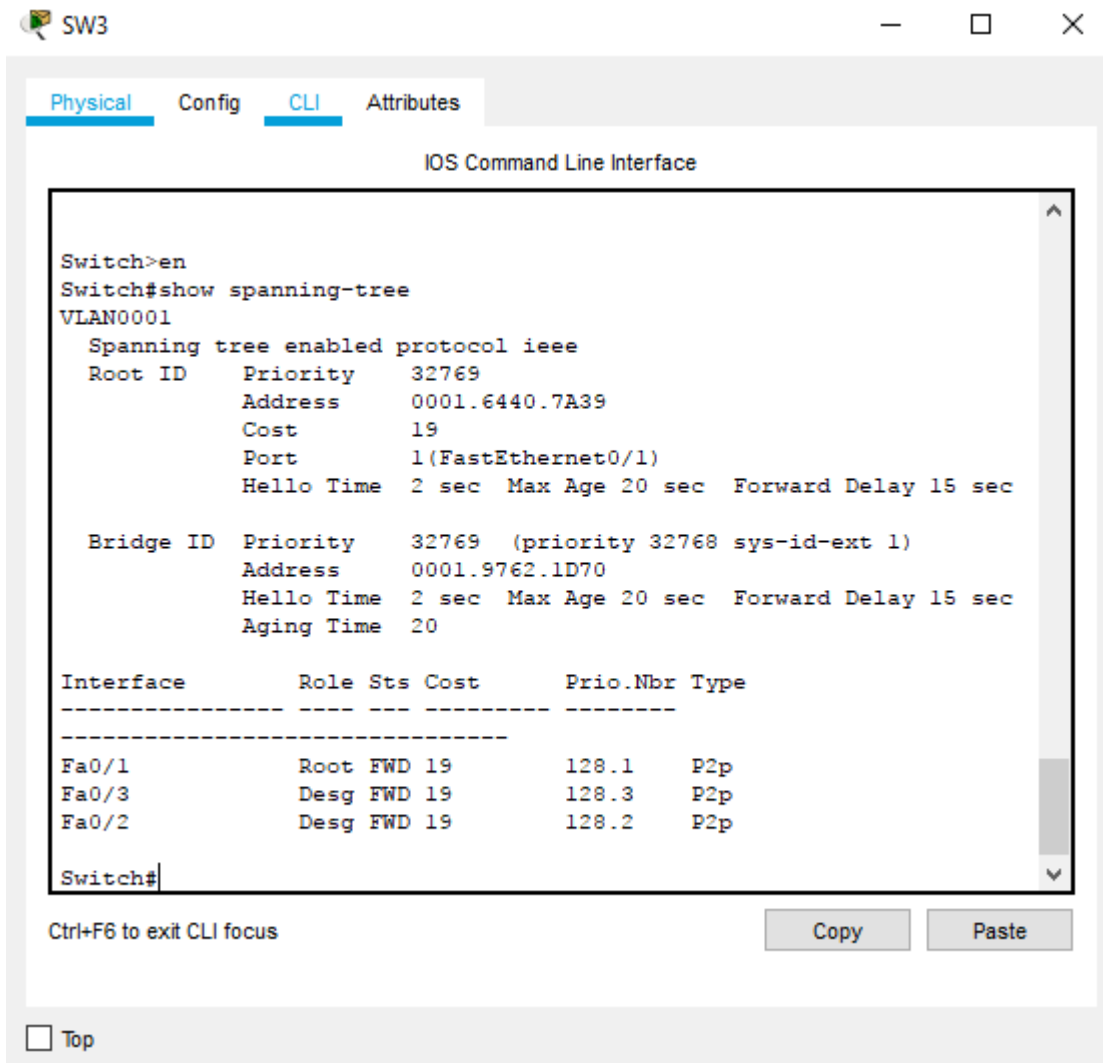
Interface          Role Sts Cost      Prio.Nbr Type
-----
Fa0/1              Root FWD 19        128.1    P2p
Fa0/2              Desg FWD 19        128.2    P2p

Switch#
```

Ctrl+F6 to exit CLI focus

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3. Ping dari PC leo ke PC virgo

