

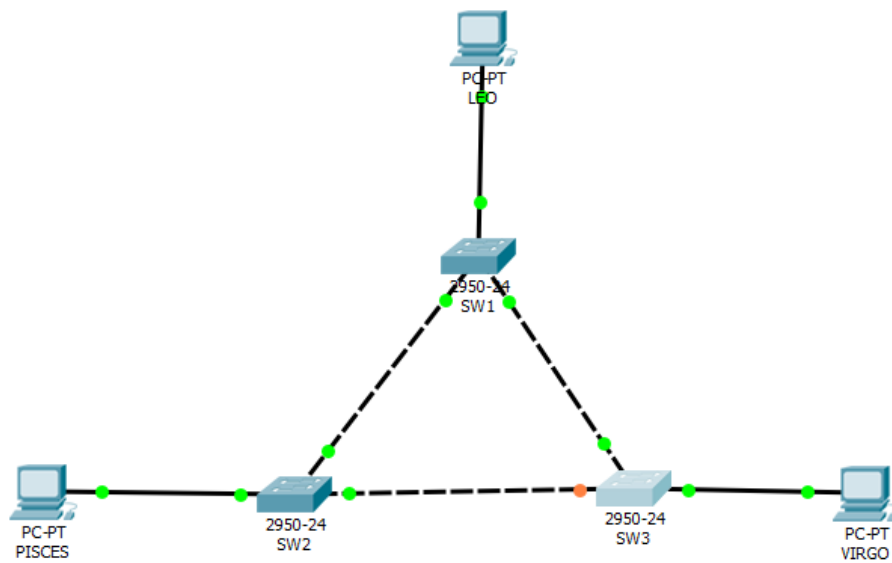
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NIM : L200170187

Kelas : D

KEGIATAN 1

1. Susunan topologi pada kegiatan modul 6



2. IP Address pada setiap PC

The screenshot shows the 'LEO' network configuration window. The 'Config' tab is selected. The 'IP Configuration' section has 'Static' selected, with fields for IP Address (172.21.1.1), Subnet Mask (255.255.0.0), Default Gateway (0.0.0.0), and DNS Server (0.0.0.0). The 'IPv6 Configuration' section has 'Static' selected, with fields for IPv6 Address, Link Local Address (FE80::20A:F3FF:FE08:D597), IPv6 Gateway, and IPv6 DNS Server. A 'Top' button is at the bottom left.

IP Configuration	
<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IP Address	172.21.1.1
Subnet Mask	255.255.0.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration		
<input type="radio"/> DHCP	<input type="radio"/> Auto Config	<input checked="" type="radio"/> Static
IPv6 Address		
Link Local Address	FE80::20A:F3FF:FE08:D597	
IPv6 Gateway		
IPv6 DNS Server		

Top

The screenshot shows the 'PISCES' network configuration window. The 'Config' tab is selected. The 'IP Configuration' section has 'Static' selected, with fields for IP Address (172.21.1.2), Subnet Mask (255.255.0.0), Default Gateway (0.0.0.0), and DNS Server (0.0.0.0). The 'IPv6 Configuration' section has 'Static' selected, with fields for IPv6 Address, Link Local Address (FE80::202:16FF:FECC:A577), IPv6 Gateway, and IPv6 DNS Server. A 'Top' button is at the bottom left.

IP Configuration	
<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IP Address	172.21.1.2
Subnet Mask	255.255.0.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration		
<input type="radio"/> DHCP	<input type="radio"/> Auto Config	<input checked="" type="radio"/> Static
IPv6 Address		
Link Local Address	FE80::202:16FF:FECC:A577	
IPv6 Gateway		
IPv6 DNS Server		

Top

VIRGO

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address 172.21.1.3

Subnet Mask 255.255.0.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

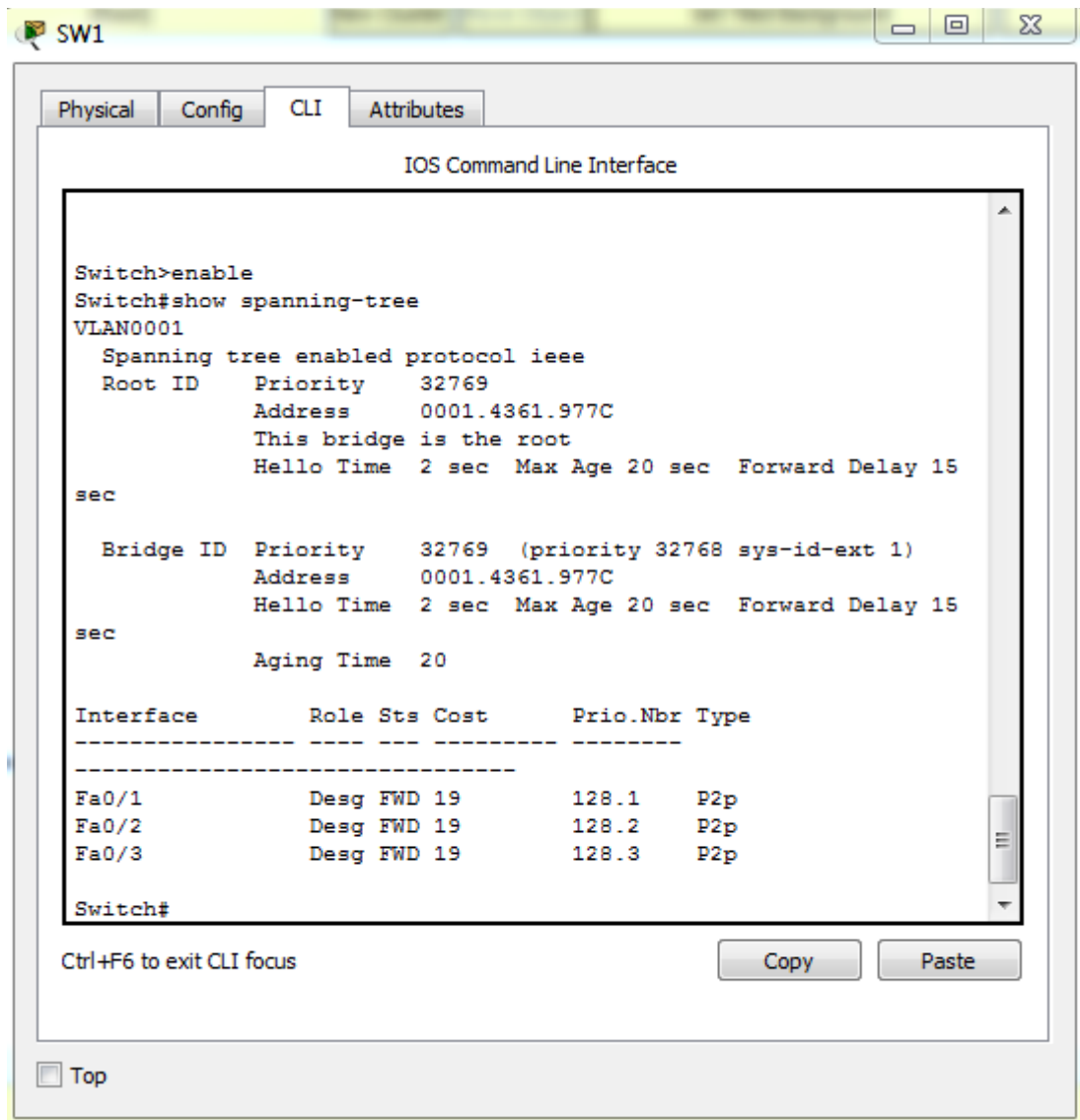
Link Local Address FE80::209:7CFF:FE84:CC7A

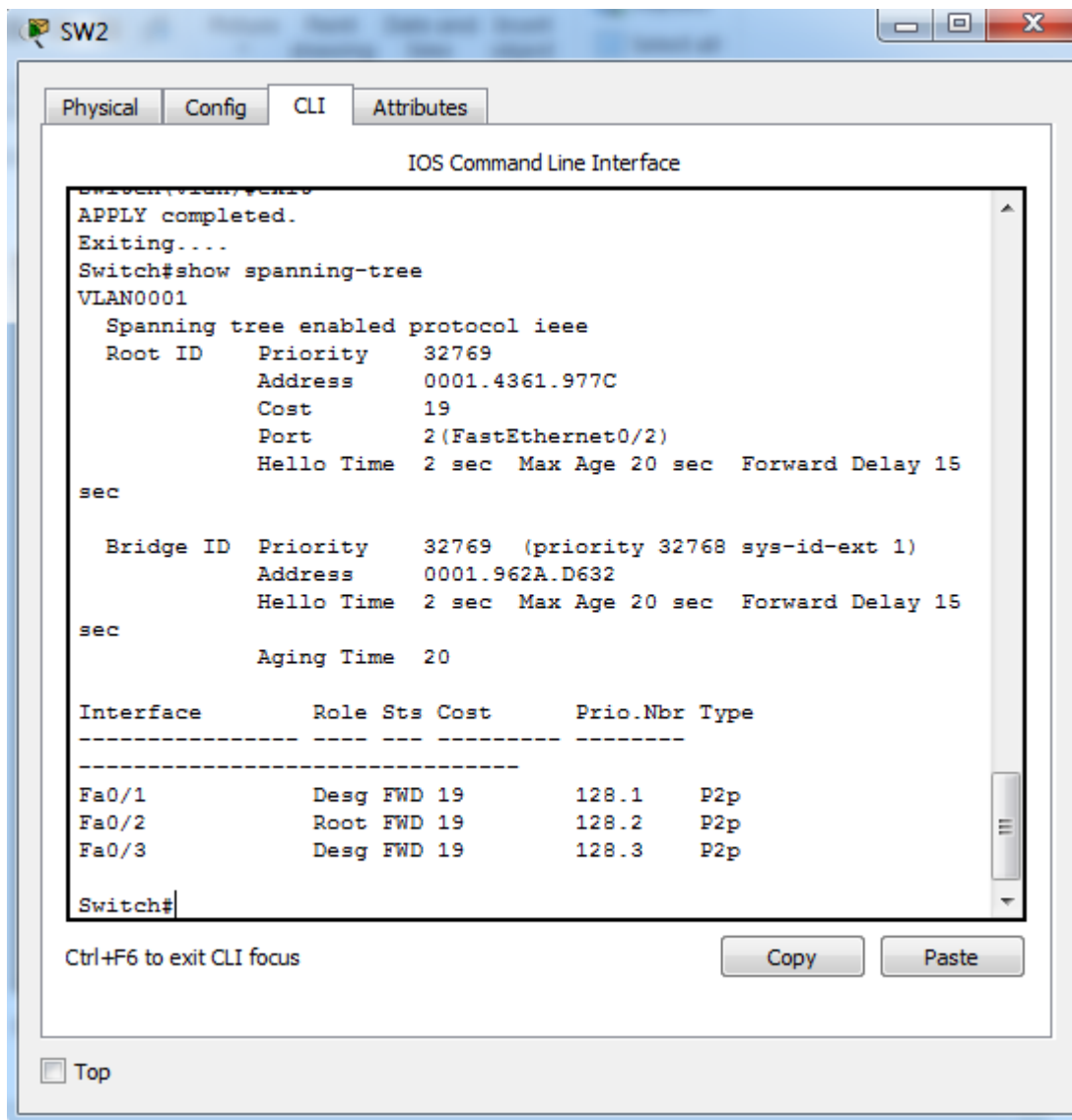
IPv6 Gateway

IPv6 DNS Server

Top

3. Hasil *show spanning-tree* pada setiap switch





SW3

Physical

Config

CLI

Attributes

IOS Command Line Interface

Switch#show spanning-tree

VLAN0001

Spanning tree enabled protocol ieee

Root ID Priority 32769

Address 0001.4361.977C

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 0002.4A3E.8137

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 Root FWD 19 128.2 P2p

Fa0/3 Altn BLK 19 128.3 P2p

Switch#

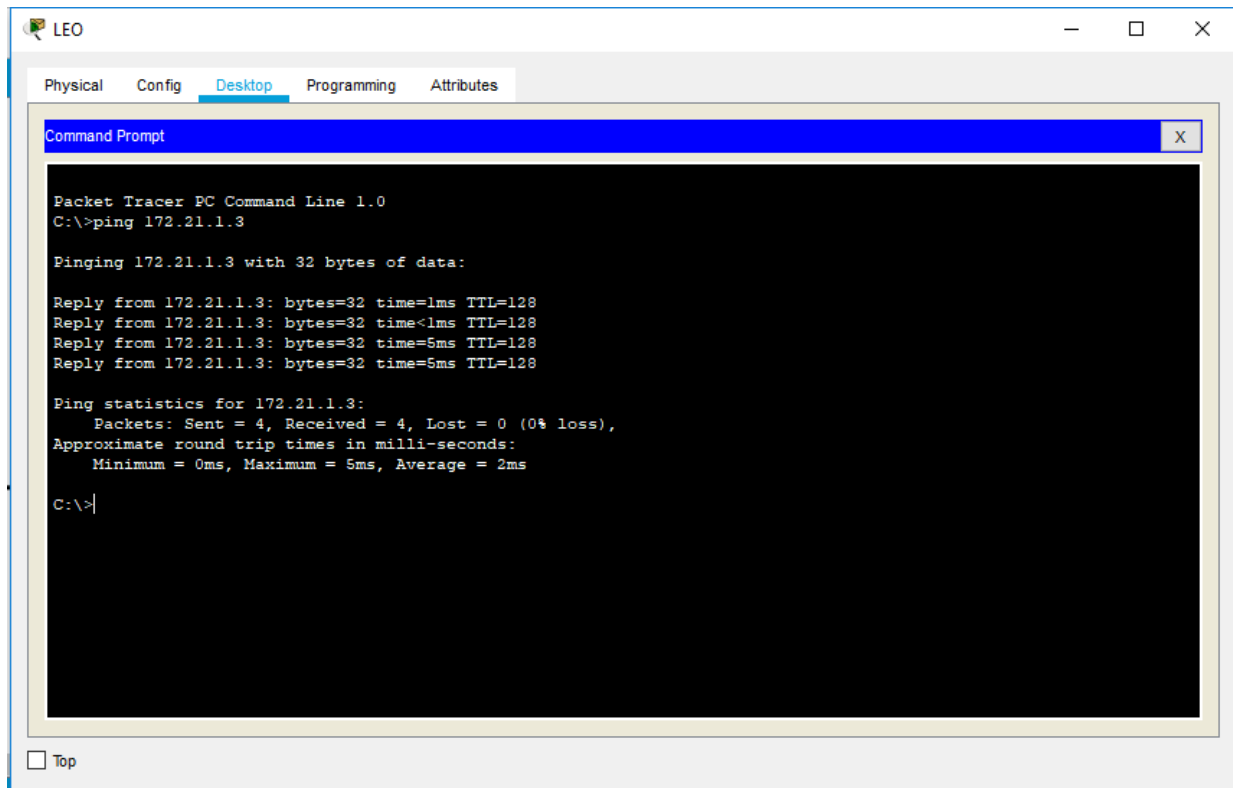
Ctrl+F6 to exit CLI focus

Copy

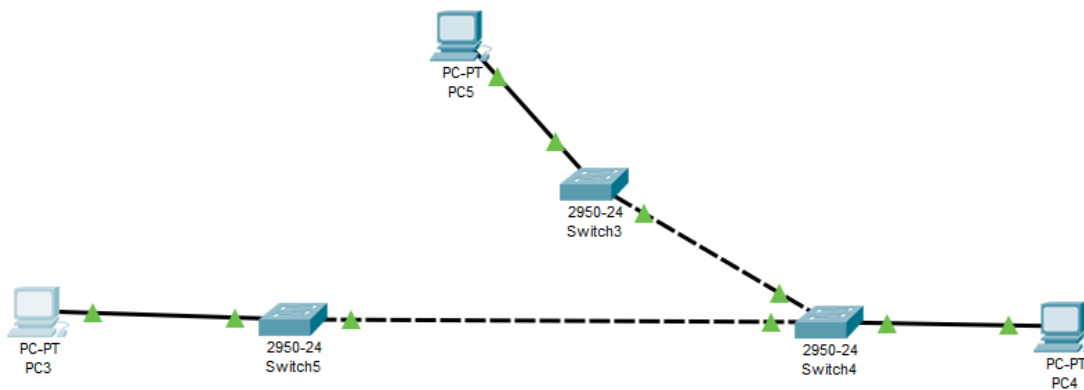
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☐ Top

Tes Ping Leo ke Virgo




KEGIATAN 2



Berbeda dari Kegiatan 1, pada kegiatan ini tidak ada port yang diblok

Pengecekan pada spanning tree dengan mengetikkan pada masing-masing switch = show spanning-tree

 SW1

PhysicalConfigCLIAttributes

IOS Command Line Interface

```
documentation for configuring VTP/VLAN in config mode.

Switch(vlan)#exit
APPLY completed.
Exiting....
Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address     0003.E4E7.056A
            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     0003.E4E7.056A
            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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☐ Top

IOS Command Line Interface

```
Switch(vlan)#exit
APPLY completed.
Exiting....
Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0003.E4E7.056A
             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     0060.3EC5.6788
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20

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

Switch#
```

Ctrl+F6 to exit CLI focus

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IOS Command Line Interface

```
Switch(vlan)#exit
APPLY completed.
Exiting....
Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
    Root ID    Priority    32769
              Address     0003.E4E7.056A
              Cost        38
              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     00E0.B0C8.D0B1
              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          Root FWD 19        128.2    P2p

Switch#
```

Ctrl+F6 to exit CLI focus

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Tes Ping Leo ke Virgo

