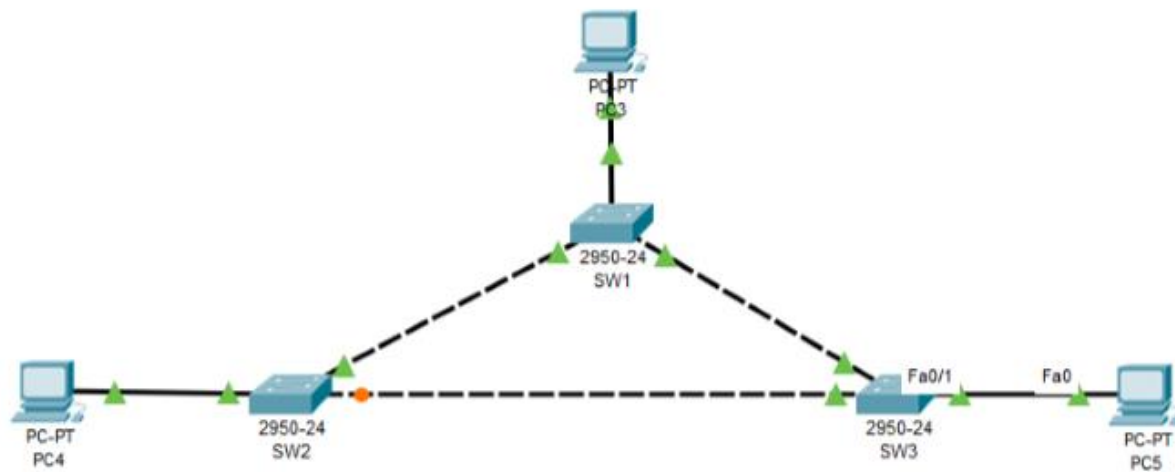


Nama : Yogatama Dwi Prasetya

Kelas : D

NIM : L200170180

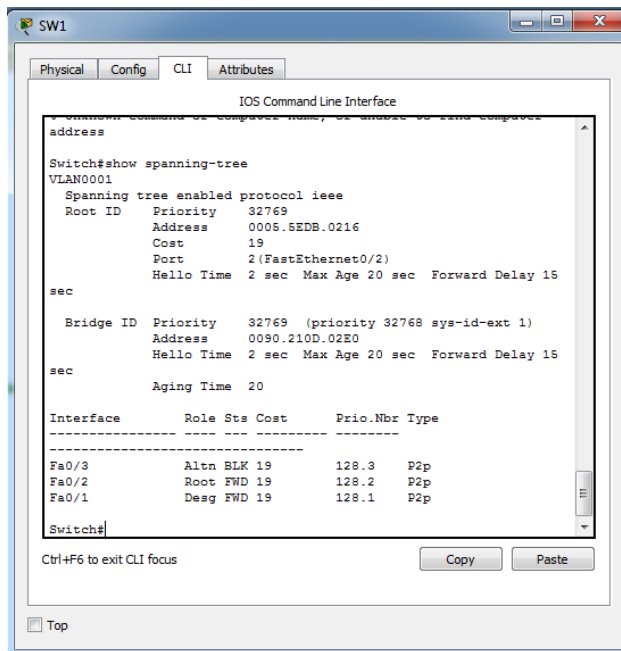
Modul 6



Terdapat 3 Switch dan 3 workstation. Dengan nama SW1,SW2,SW3 dan workstation : Leo, Aries, Virgo

Adapun IP Address yang di konfigurasi sebagai berikut :

- Leo = 172.21.1.1/24
- Aries = 172.21.1.2/24
- Virgo = 172.21.1.3/24



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     0005.5EDB.0216
             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     0090.210D.02E0
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15
sec
             Aging Time  20

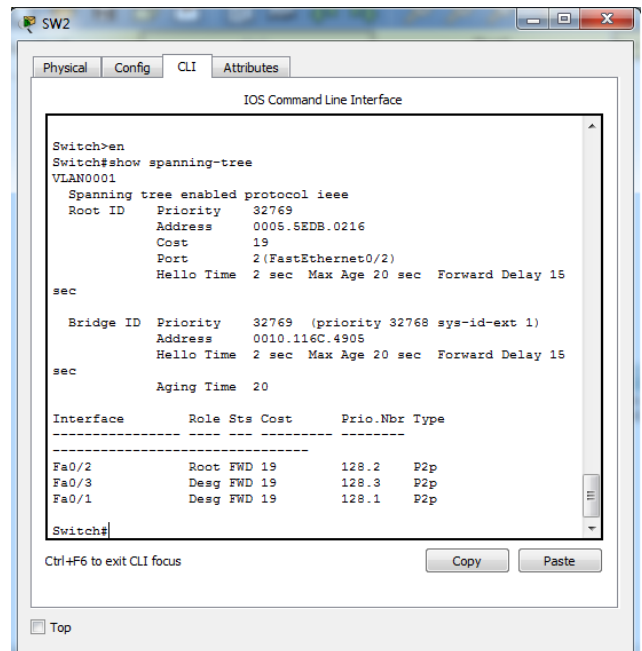
Interface    Role Sts Cost      Prio.Nbr Type
-----
Fa0/3        Altn BLK 19       128.3    P2p
Fa0/2        Root FWD 19       128.2    P2p
Fa0/1        Desg FWD 19       128.1    P2p

Switch#
```

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SW2

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     0005.5EDB.0216
             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     0010.116C.4905
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15
sec
             Aging Time  20

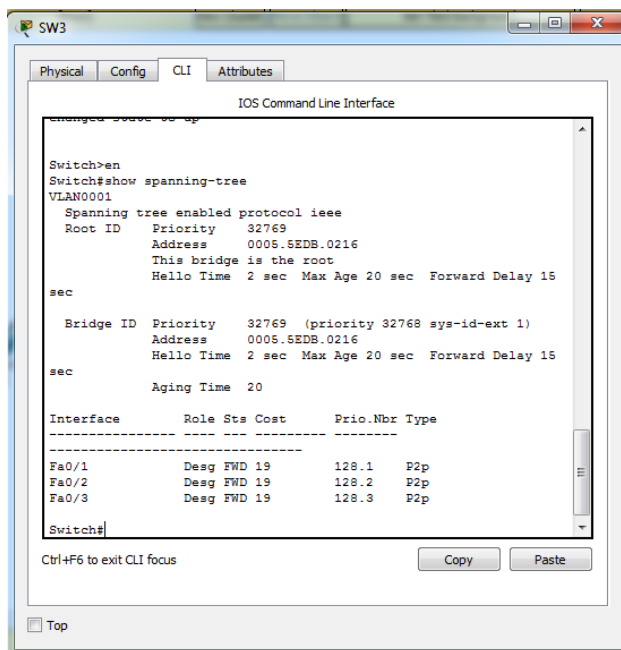
Interface    Role Sts Cost      Prio.Nbr Type
-----
Fa0/2        Root FWD 19       128.2    P2p
Fa0/3        Desg FWD 19       128.3    P2p
Fa0/1        Desg FWD 19       128.1    P2p

Switch#
```

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SW3

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     0005.5EDB.0216
             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     0005.5EDB.0216
             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

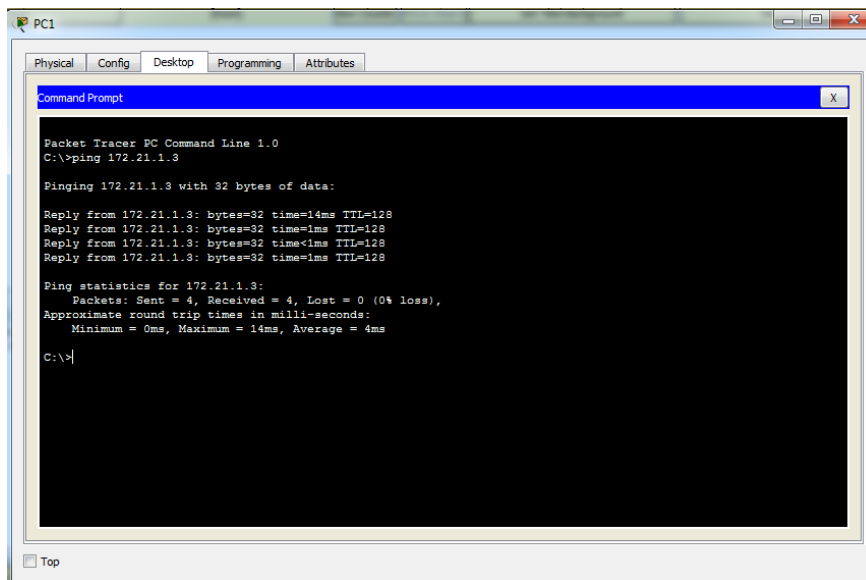
Switch#
```

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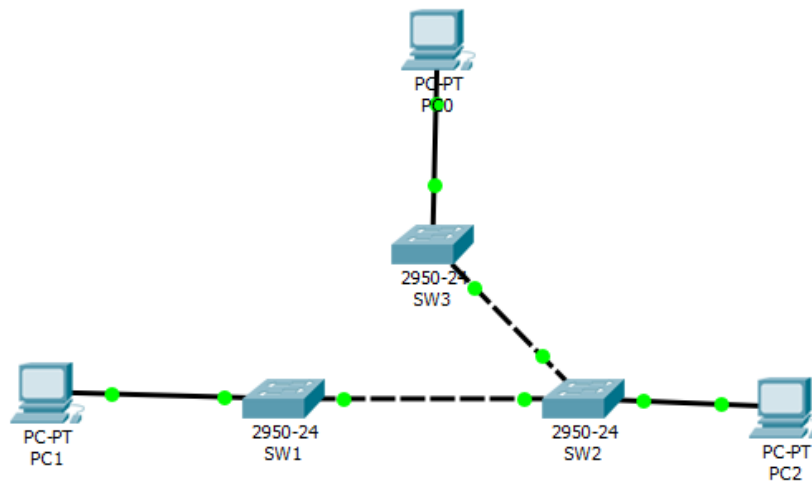
Top

Pengecekan spanning tree dengan perintah : show spanning-tree. Saat ini dalam kondisi default



Proses ping antara PC Leo dengan PC Virgo

## Kegiatan 2



Pada kegiatan ke dua ini tidak ada port yang ter-blok

SW1

Physical Config CLI Attributes

IOS Command Line Interface

```
%LINK-3-UPDOWN: Interface FastEthernet0/2, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface Fa changed state to down

Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address    0040.0B33.4D1A
            This bridge is the root
            Hello Time 2 sec Max Age 20 sec Fo
  Bridge ID  Priority    32769 (priority 32768 sys
            Address    0040.0B33.4D1A
            Hello Time 2 sec Max Age 20 sec Fo
            Aging Time 20

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

Switch#
```

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SW2

Physical Config CLI Attributes

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet changed state to down

Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address    0040.0B33.4D1A
            Cost        38
            Port        3(FastEthernet0/3)
            Hello Time 2 sec Max Age 20 sec Forward Dela
  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1
            Address    00E0.A3CC.2698
            Hello Time 2 sec Max Age 20 sec Forward Dela
            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

Switch#
```

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Physical Config CLI Attributes

IOS Command Line Interface

```
Fa0/1          Desg FWD 19      128.1    P2p
Fa0/2          Desg FWD 19      128.2    P2p

Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
            Address    0040.0B33.4D1A
            Cost        19
            Port        3(FastEthernet0/3)
            Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
            Address    00D0.BC10.D61E
            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
Fa0/2          Desg FWD 19      128.2    P2p

Switch#
```

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