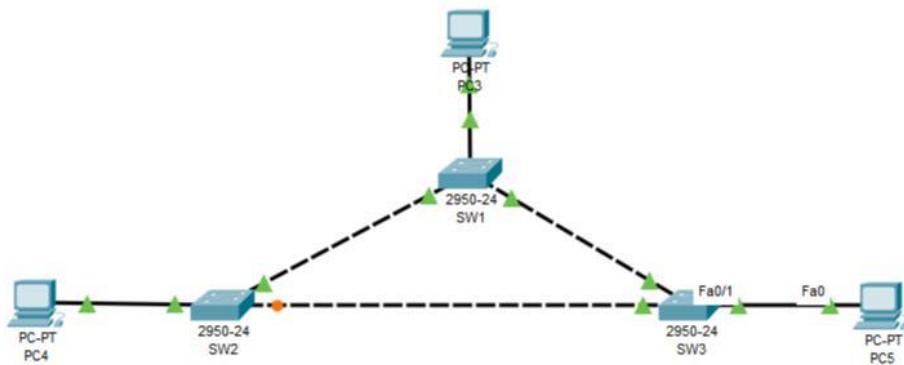


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Kelas :D

Kegiatan Praktikum Jaringan Komputer **MODUL 6**

KEGIATAN 1



Terdapat 3 Switch dan 3 Workstation . Dengan nama switch :

- SW1
- SW2
- SW3

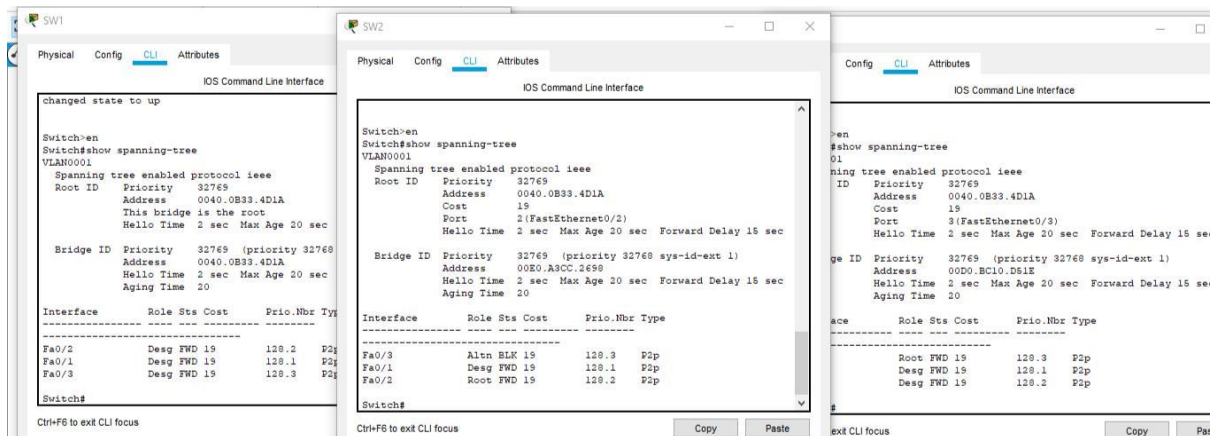
dan workstation :

- Leo
- Aries
- Virgo

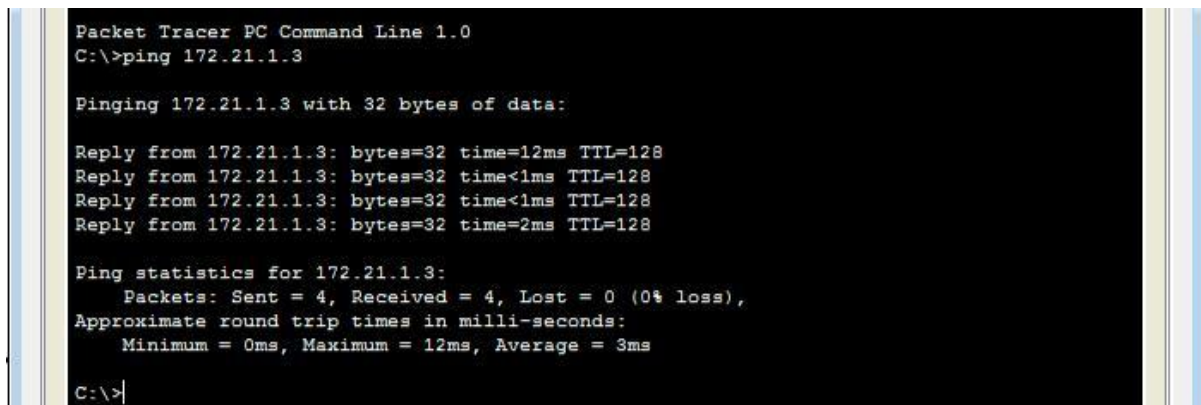
Adapun IP address yang di konfigurasi pada workstation sbg berikut.

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

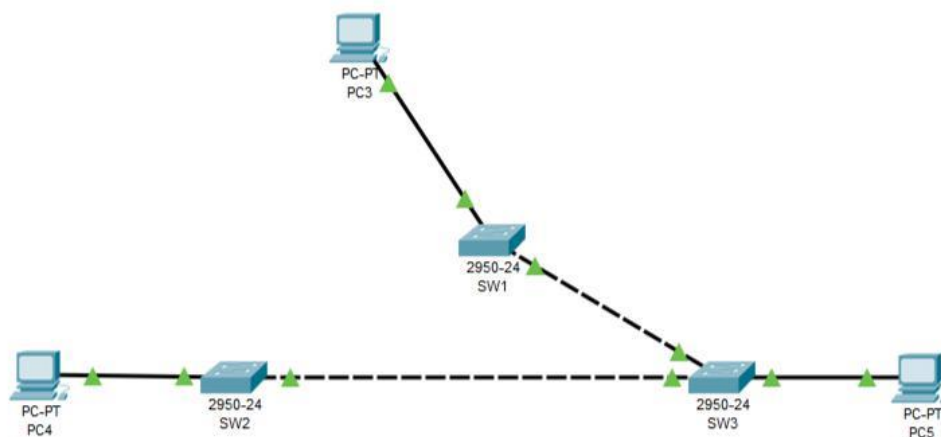
Pengecekan spanning tree dengan perintah : show spanning-tree . Saat ini dalam kondisi default



Tes Ping Leo – Virgo



KEGIATAN 2



Berbeda dengan kegiatan 1 , pada kegiatan 2 tidak ada port yang diblok.

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

IOS Command Line Interface

```
%LINK-3-UPDOWN: Interface FastEthernet0/2, changed
%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    0040.0B39.4D1A
This bridge is the root
Hello Time 2 sec Max Age 20 sec Fo
Bridge ID  Priority    32769 (priority 32768 sy
Address    0040.0B39.4D1A
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#
```

Ctrl+F6 to exit CLI focus

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    0040.0B39.4D1A
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#
```

Ctrl+F6 to exit CLI focus

Copy

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    0040.0B39.4D1A
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.D81E
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#
```

Ctrl+F6 to exit CLI focus

Copy

Paste

Tes Ping Leo – Virgo

```
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=40ms 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<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 = 40ms, Average = 10ms

C:\>
```