

Nama : Robby Nugroho Setiawan,

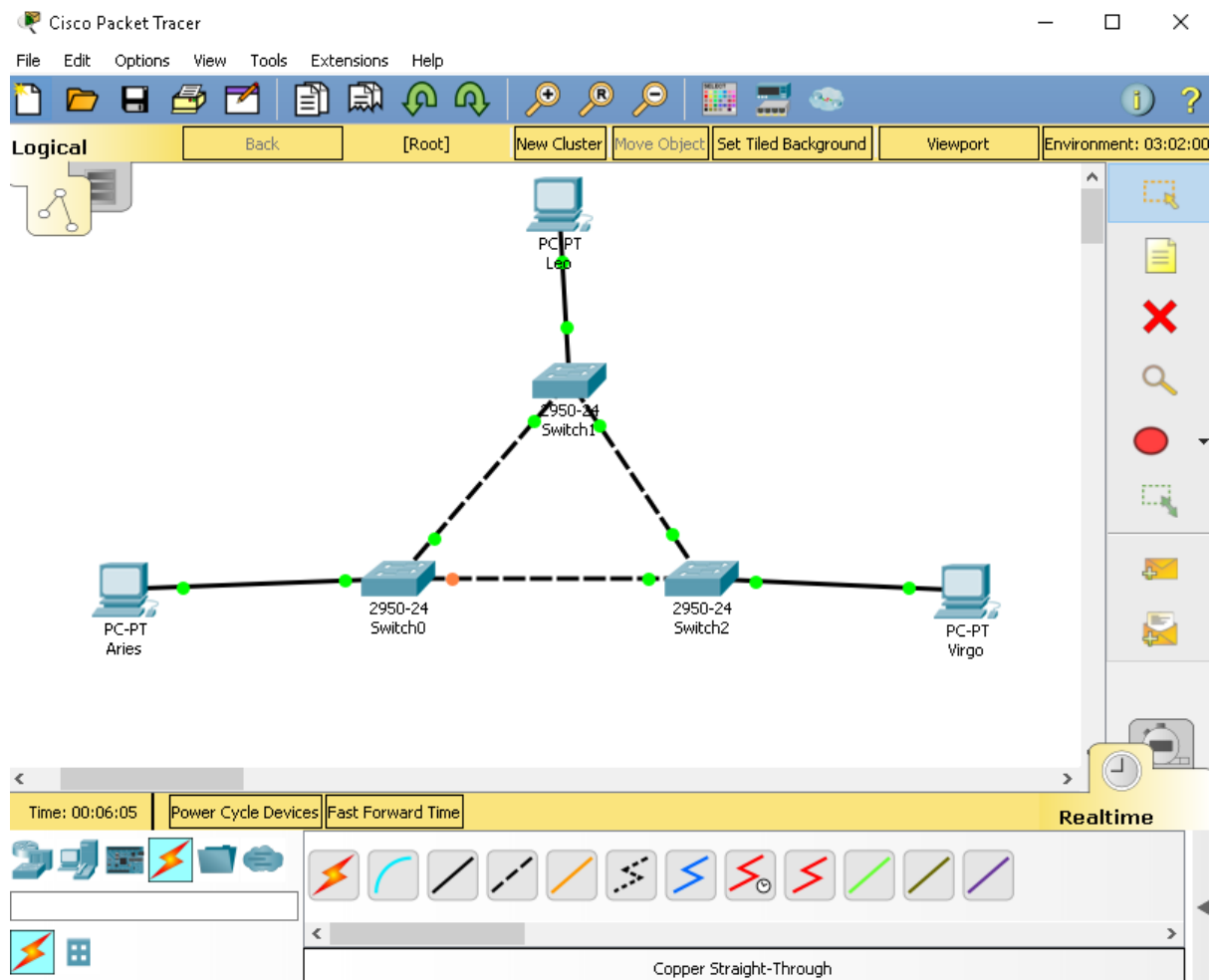
Kelas : D-Prak.JarKom

NIM : L200170179

Kegiatan modul 6

KEGIATAN 1

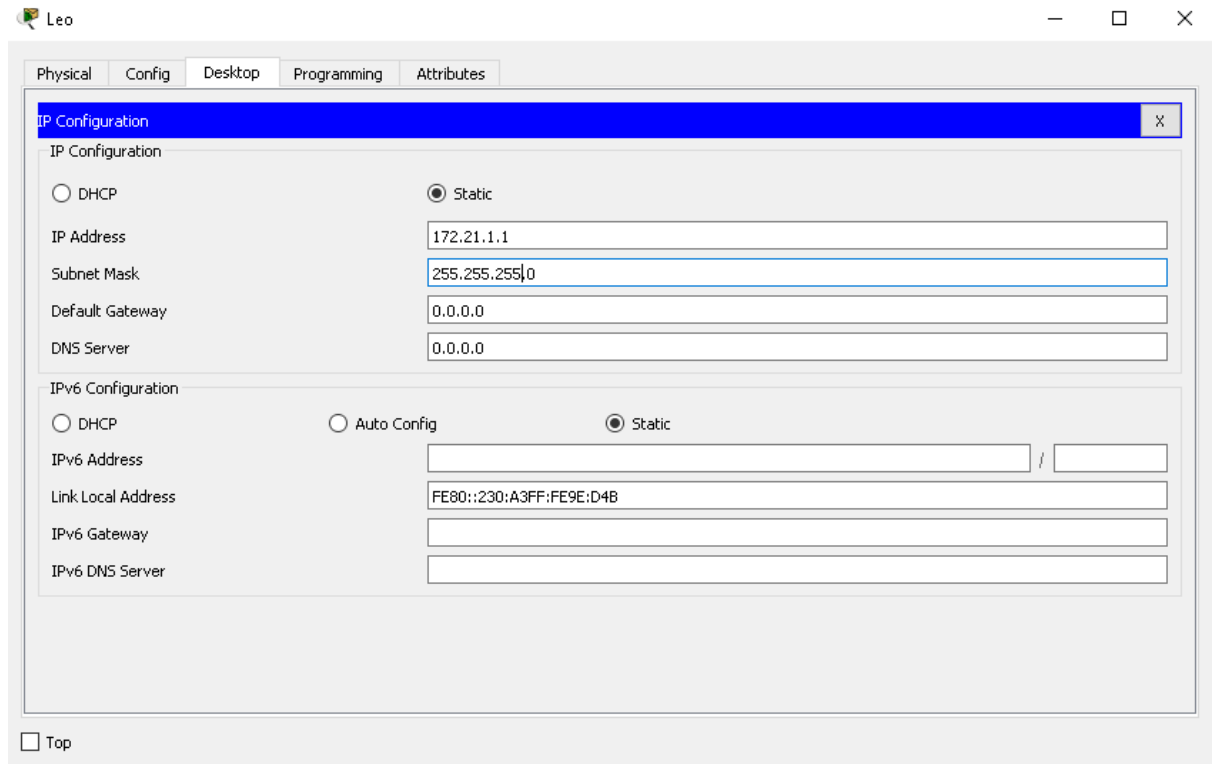
1. Membuat Skema dengan menggunakan Switch Catalyst 2950



2. Konfigurasi Masing-masing PC :

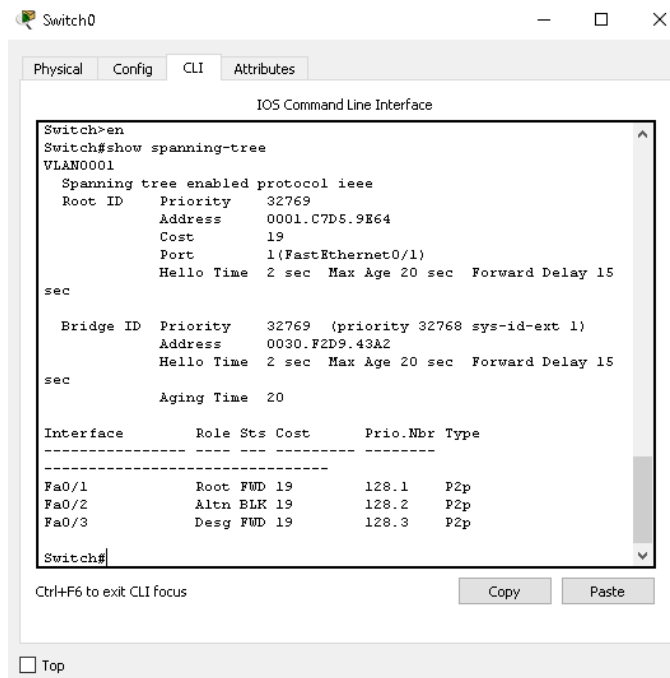
- Leo = 172.21.1.1 / 24
- Aries = 172.21.1.2 / 24
- Virgo = 172.21.1.3 / 24

Misal kita ambil contoh Leo :



3. Lihat masing-masing status STP dan tampilkan Spanning-tree :

- SW1



- SW2

Switch1

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.C7D5.9E64
            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.C7D5.9E64
            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
Fa0/1        Desg FWD 19       128.1    P2p
Fa0/3        Desg FWD 19       128.3    P2p

Switch#
```

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- SW3

Switch2

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.C7D5.9E64
            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    000A.F3D6.C25C
            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        Root FWD 19       128.3    P2p

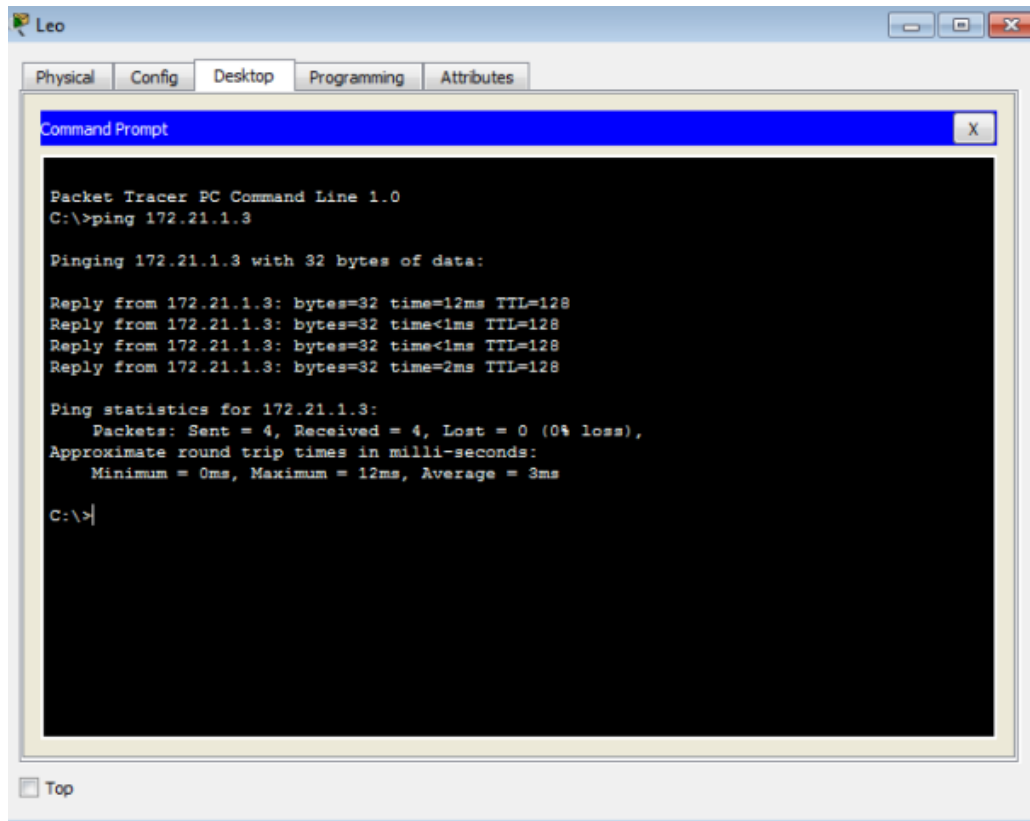
Switch#
```

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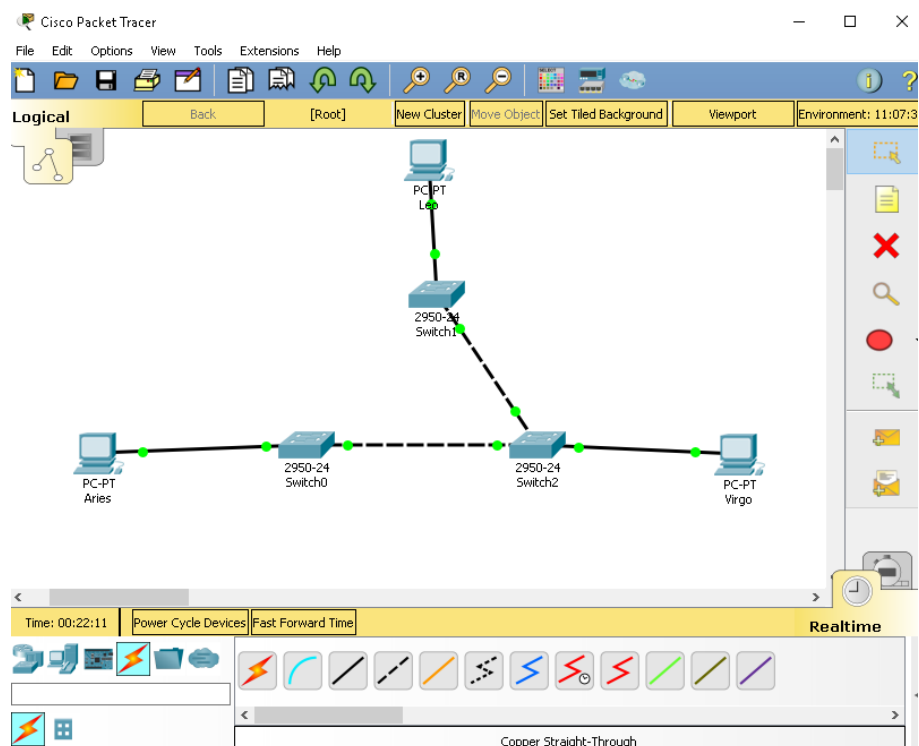
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4. Tes Ping terhadap PC Leo dan PC Virgo



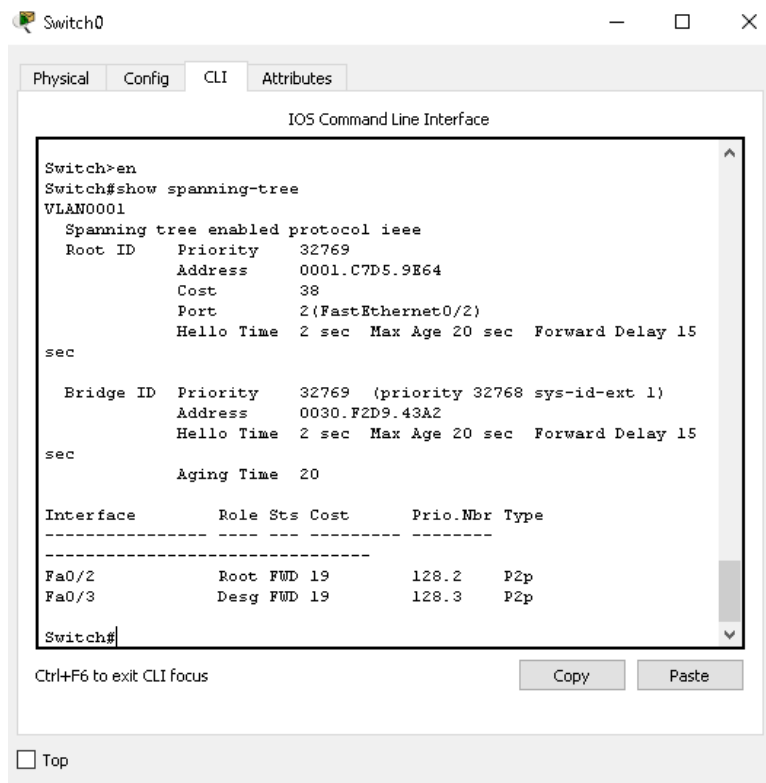
KEGIATAN 2

Hampir sama dengan Kegiatan pertama.



Membuat konfigurasi IP Address sama seperti kegiatan 1, Lalu pada Switch lakukan mode *user* untuk lihat status ada yang berbeda dari kegiatan pertama.

- SW1



Switch0

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.C7D5.9E64
            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     0030.F2D9.43A2
            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

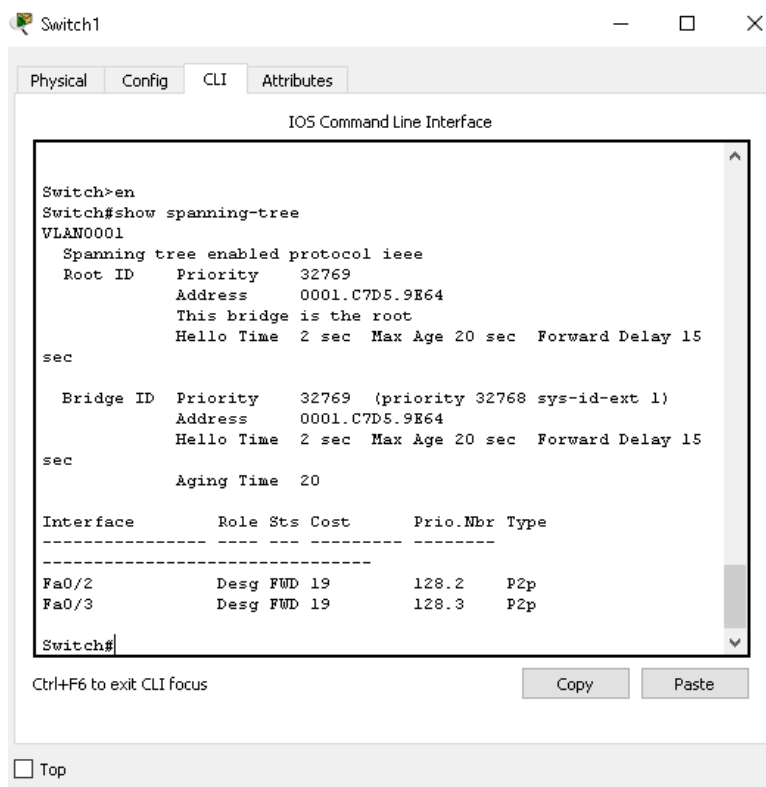
Switch#
```

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- SW2



Switch1

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.C7D5.9E64
            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.C7D5.9E64
            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

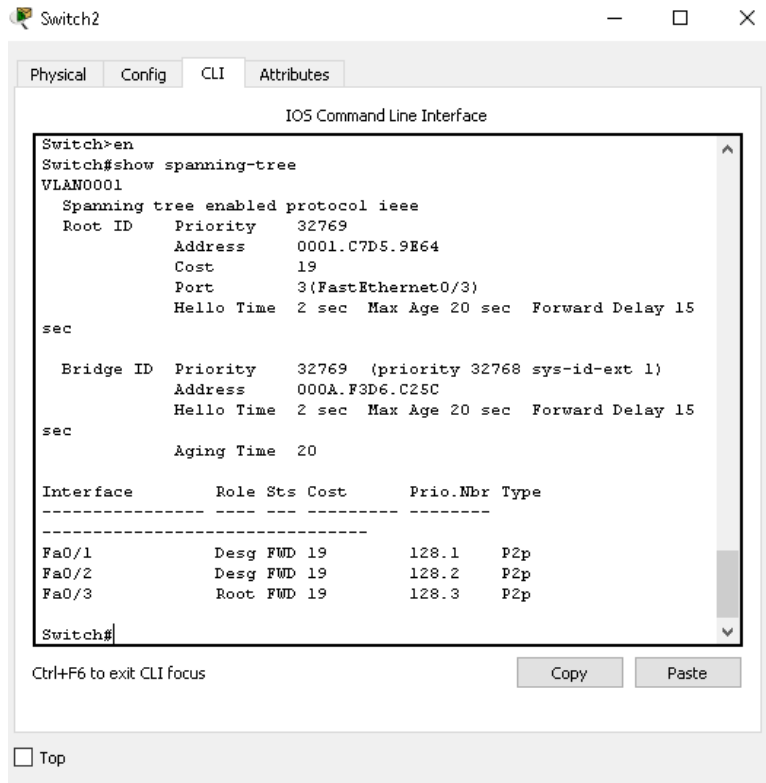
Switch#
```

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- SW3



Lalu test ping terhadap PC Leo dan PC Virgo

