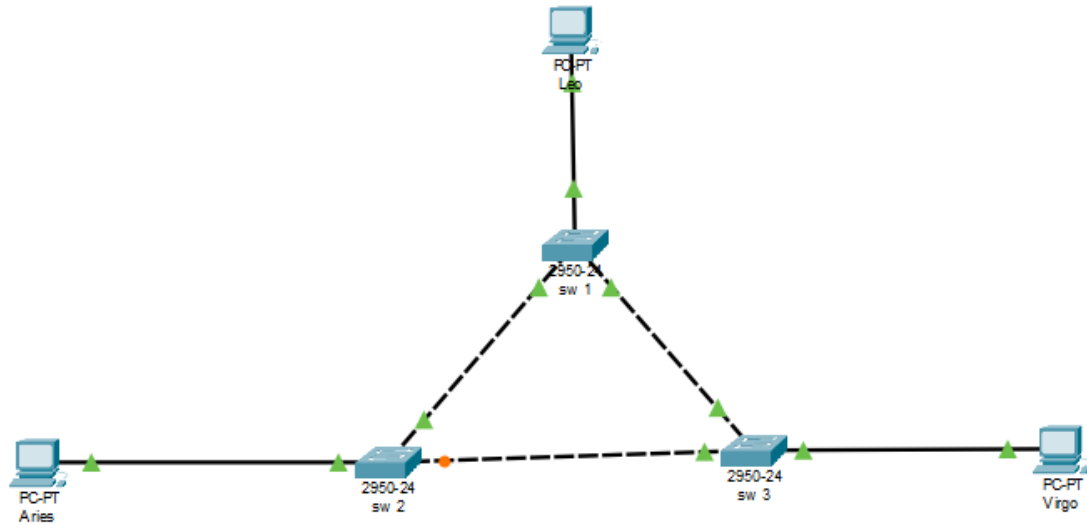


Nama : Alfianto Andy Pamungkas

NIM : L200180194

MODUL 6

Kegiatan 1



SW 1

sw 2

Physical Config CLI Attributes

IOS Command Line Interface

```
changed state to up

Switch>Switch#conf term
^
% Invalid input detected at '^' marker.

Switch>Switch(config)#hostname SW1
^
% Invalid input detected at '^' marker.

Switch>SW1(config)#Switch>enable
Translating "SW1(config)#Switch>enable"...domain server
(255.255.255.255)
% Unknown command or computer name, or unable to find computer
address

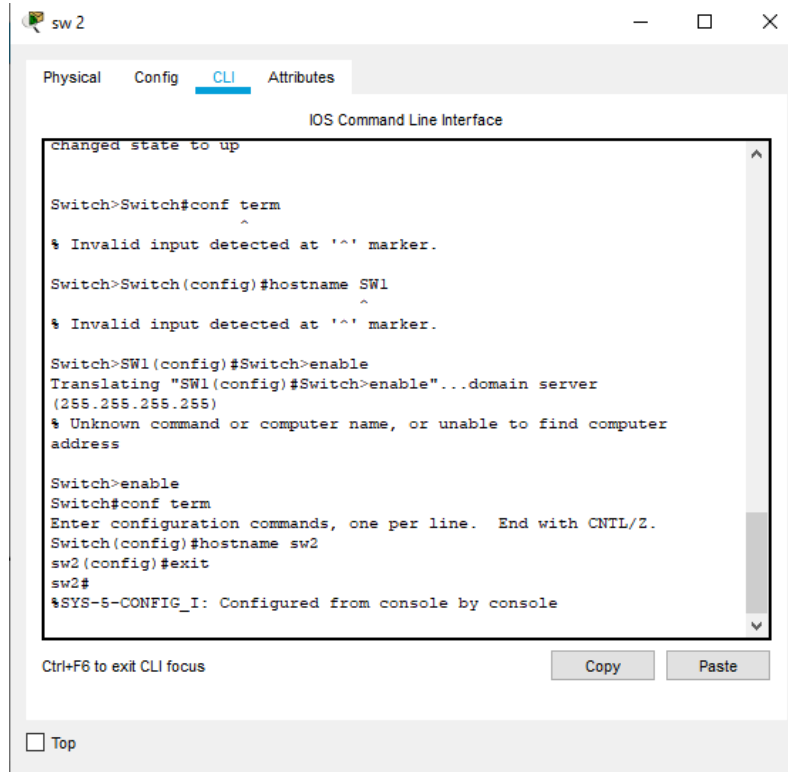
Switch>enable
Switch#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname sw2
sw2(config)#exit
sw2#
%SYS-5-CONFIG_I: Configured from console by console
```

Ctrl+F6 to exit CLI focus

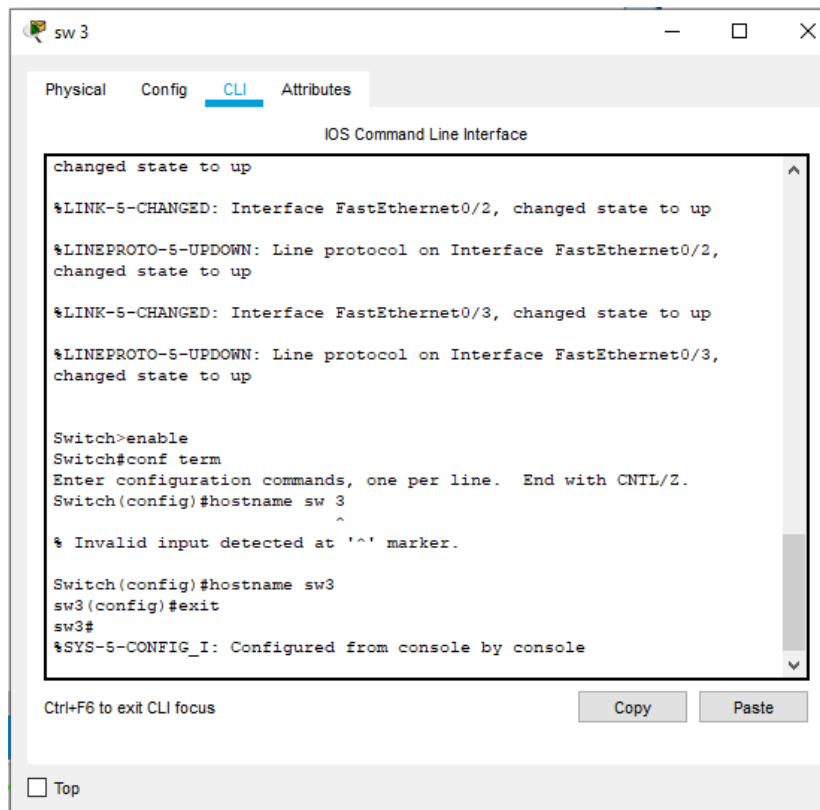
Copy Paste

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SW 2

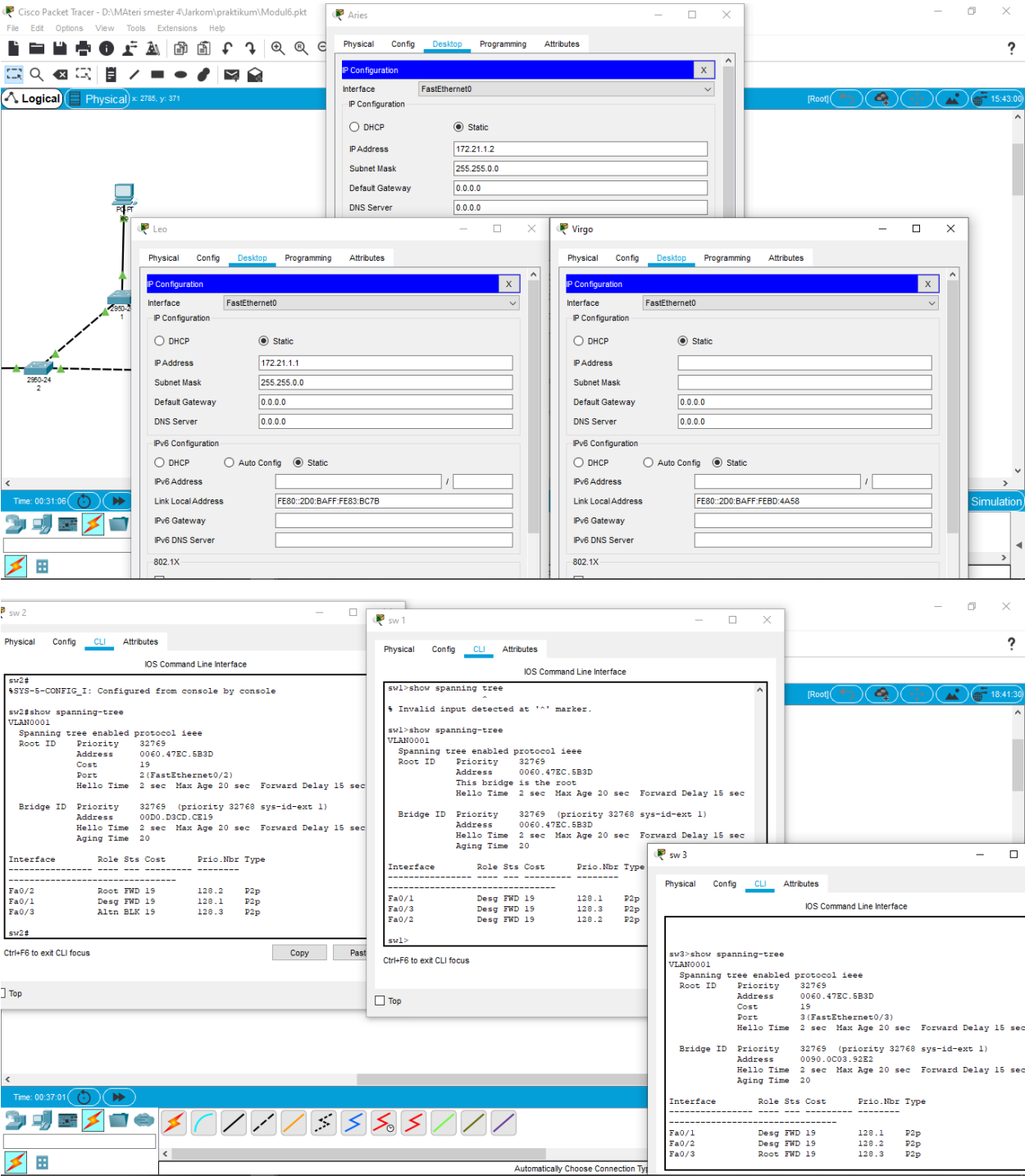


SW 3



Pemberian nama switch

Switch>enable
Switch#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname sw2
sw2(config)#exit
sw2#
%SYS-5-CONFIG_I: Configured from console by console



SW 1

NO	Variable	Nilai
1	Root id	32769
2	Priority	32769
3	MAC Addres	0060.47EC.5B3D
4	Bridge id	32769
5	Cost(0/1;0/2;0/3)	19
6	Hallo Time	2 sec
7	MaxAge	Max Age 20
8	Forward Delay	15 sec

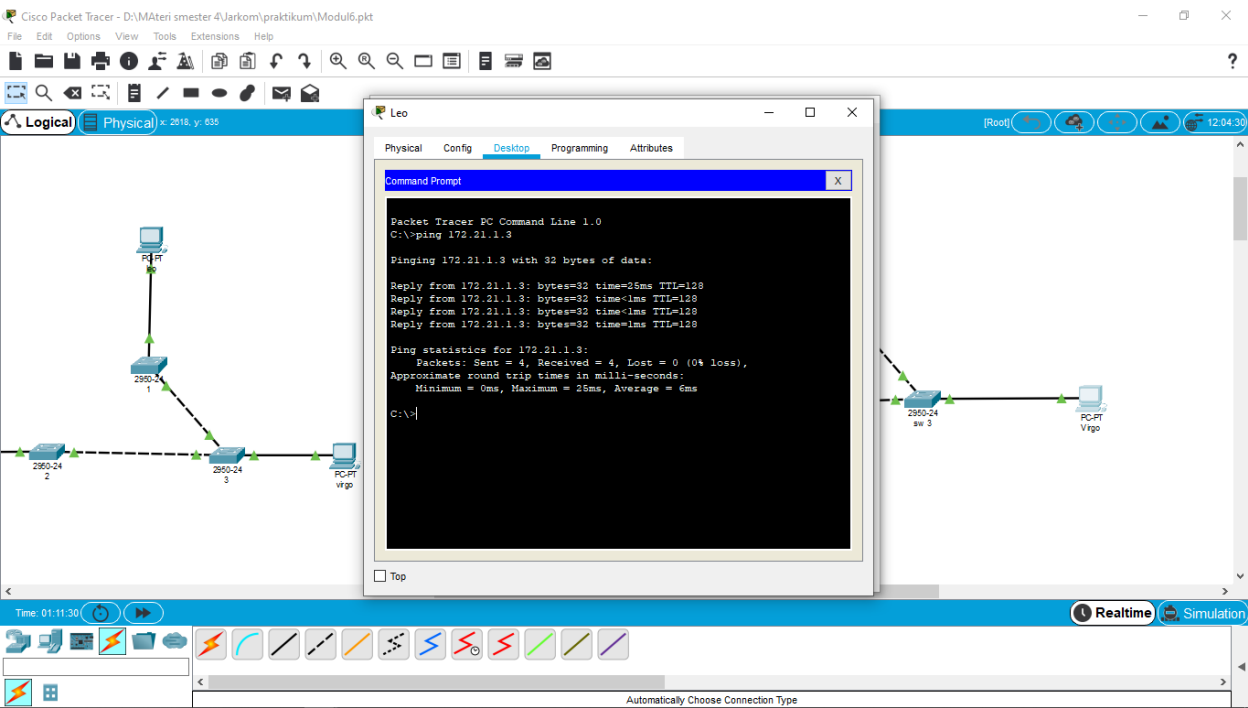
SW 2

NO	Variable	Nilai
1	Root id	32769
2	Priority	32769
3	MAC Addres	0060.47EC.5B3D
4	Bridge id	32769
5	Cost(0/1;0/2;0/3)	19
6	Hallo Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

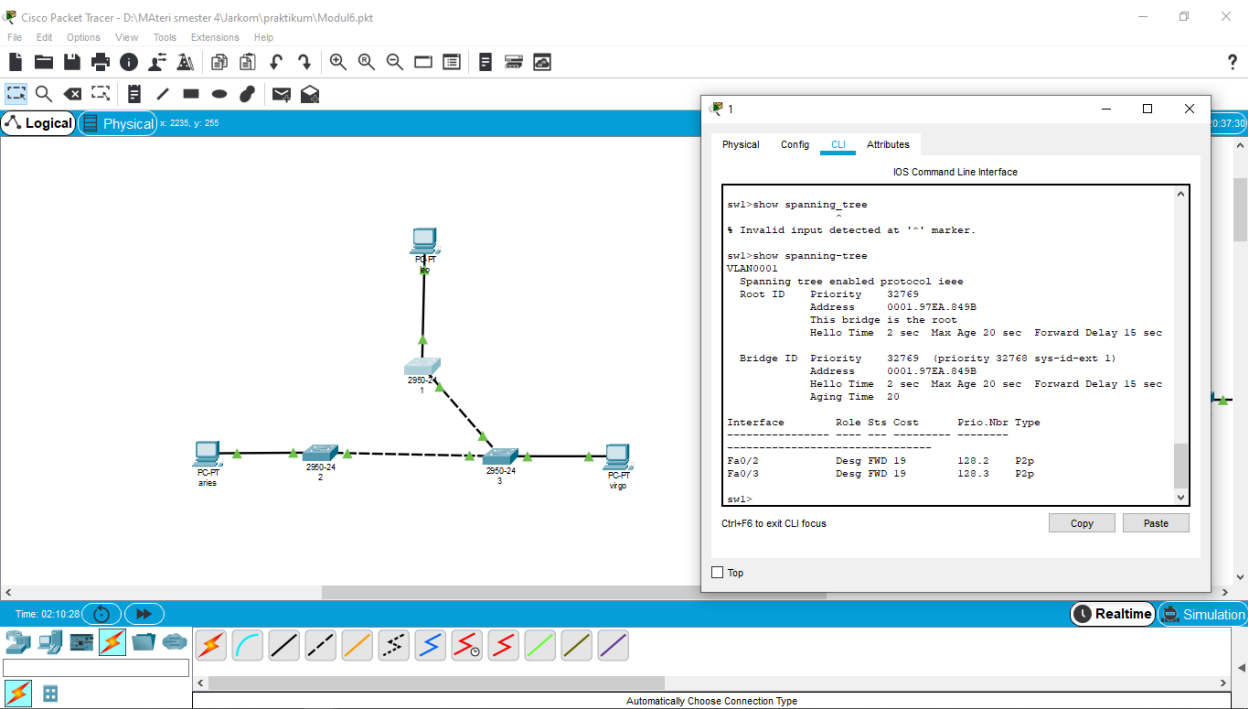
SW 3

NO	Variable	Nilai
1	Root id	32769
2	Priority	32769
3	MAC Addres	0060.47EC.5B3D
4	Bridge id	32769
5	Cost(0/1;0/2;0/3)	19
6	Hallo Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

- Root bridge : SW 1
- Designated bridge :SW 2
- Root Port : SW 2(Fa0/2), SW 3(Fa0/3)
- Designited port : SW 1(Fa0/1, Fa0/3 ,Fa0/2) SW 2(Fa0/1), SW3(Fa0/1, Fa0/2)
- Forwarding Port :SW 2(Fa0/2,Fa0/1) SW 1(Fa0/1, Fa0/3, Fa0/2) SW 3(Fa0/1, Fa0/3, Fa0/2)
- Blocking port : SW 3(Fa0/3)



Kegiatan 2



NO	Variable	Nilai
1	Root id	32769
2	Priority	32769
3	MAC Adres	0001.97EA.849B
4	Bridge id	32769
5	Cost(0/1;0/2;0/3)	19
6	Hallo Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Cisco Packet Tracer - D:\Materi smester 4\Jarkom\praktikum\Modul6.pkt

File Edit Options View Tools Extensions Help

Logical

Physical

x: 1504, y: 875

2

Physical Config CLI Attributes

IOS Command Line Interface

LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down

Switch>show spanning-tree

VLAN0001

Spanning tree enabled protocol ieee

Root ID Priority 32769

Address 0001.97EA.849B

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 0000.BCED.3781

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Aging Time 20

Interface Role Sts Cost Prio.Nbr Type

Fa0/3 Desg FWD 19 128.3 P2p

Fa0/2 Root FWD 19 128.2 P2p

Switch>

Ctrl+F6 to exit CLI focus

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☐ Top

Time: 02:10:56

Realtime Simulation

Automatically Choose Connection Type

NO	Variable	Nilai
1	Root id	32769
2	Priority	32769
3	MAC Address	0001.97EA.849B
4	Bridge id	32769
5	Cost(0/1;0/2;0/3)	19
6	Hallo Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Cisco Packet Tracer - D:\Materi smester 4\Jarkom\praktikum\Modul6.pkt

File Edit Options View Tools Extensions Help

Logical

Physical

x: 1583, y: 884

3

Physical Config CLI Attributes

IOS Command Line Interface

changed state to up

Switch>show spanning-tree

VLAN0001

Spanning tree enabled protocol ieee

Root ID Priority 32769

Address 0001.97EA.849B

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 00E0.F907.8725

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 Desg FWD 19 128.3 P2p

Switch>

Ctrl+F6 to exit CLI focus

Copy Paste

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Time: 02:11:28

Realtime Simulation

Automatically Choose Connection Type

NO	Variable	Nilai
1	Root id	32769
2	Priority	32769
3	MAC Address	0001.97EA.849B
4	Bridge id	32769
5	Cost(0/1;0/2;0/3)	19
6	Hallo Time	2 sec

7	MaxAge	20 sec
8	Forward Delay	15 sec

SW 1
Fa0/2 = Designated
Fa0/3= Designated
SW 2
Fa0/2 = Root
Fa0/3= Designated
SW 3
Fa0/1 = Designated
Fa0/2 = Root
Fa0/3= Designated
SW 1
Fa0/2 = Forward
Fa0/3= Forward
SW 2
Fa0/2 = Forward
Fa0/3= Forward
SW 3
Fa0/1 = Forward
Fa0/2 = Forward
Fa0/3= Forward