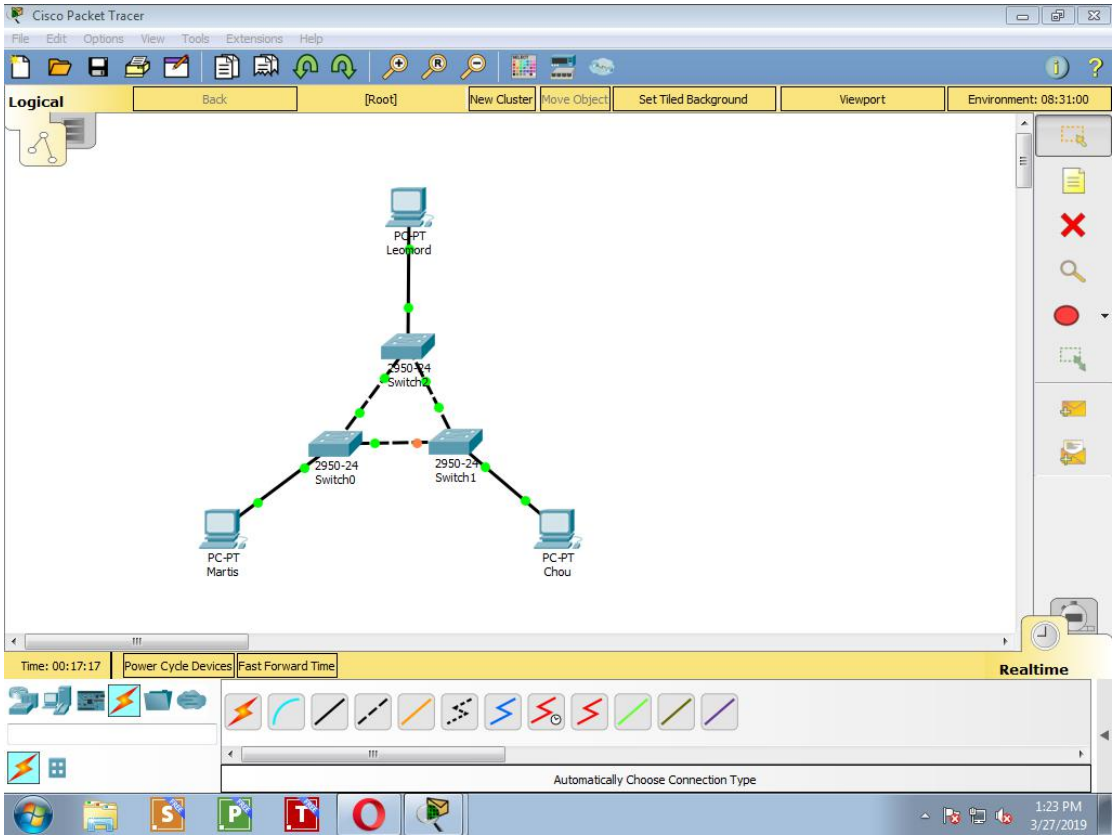
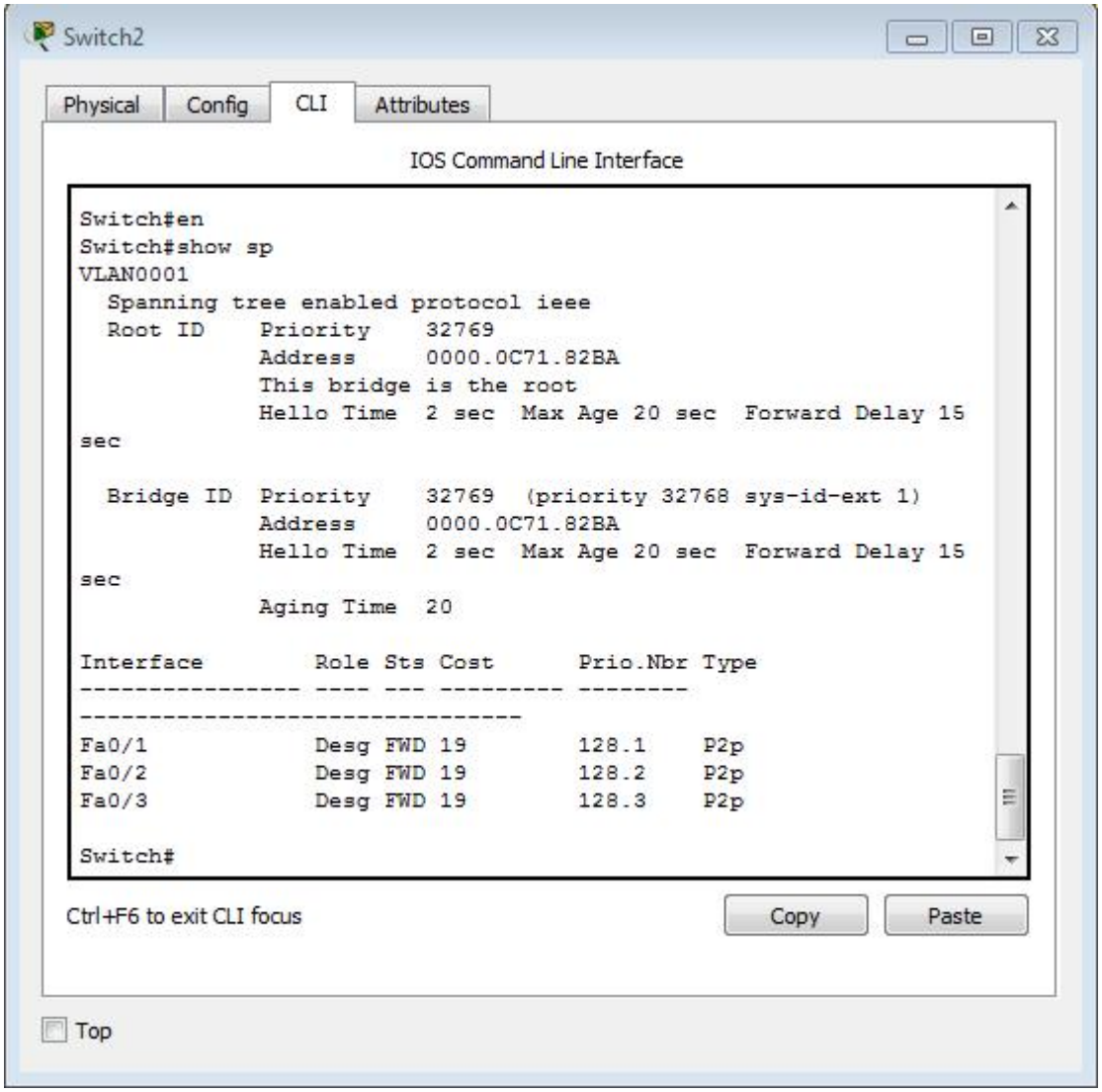
Nama : Happy Tri Milliarta
NIM : L200170022
Kelas : A

Modul 6

1. Topologi 1




Switch2
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch#en
Switch#show sp
VLAN0001
Spanning tree enabled protocol ieee
Root ID Priority 32769
Address 0000.0C71.82BA
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 0000.0C71.82BA
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#
Ctrl+F6 to exit CLI focus
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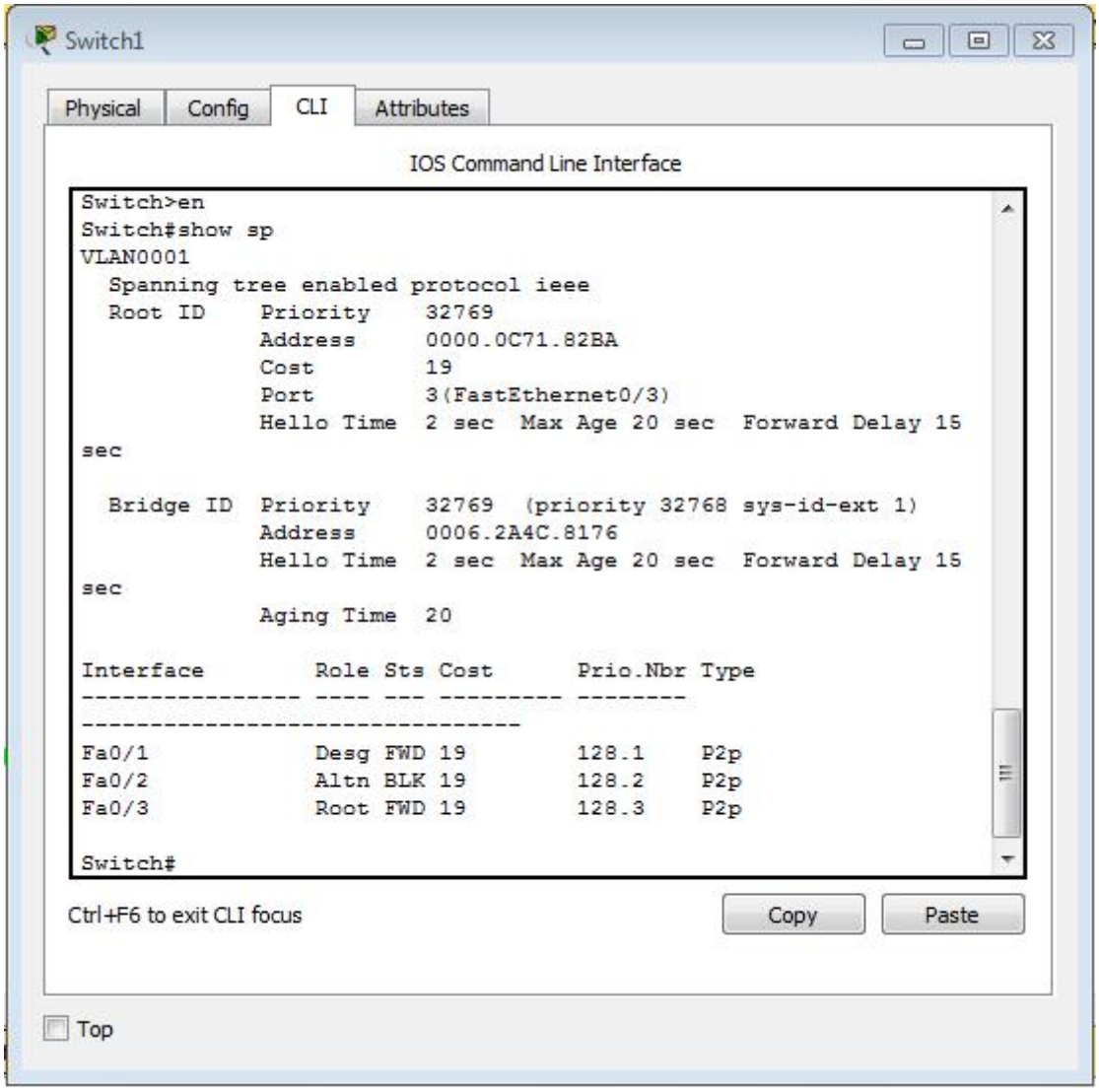
Top


Switch1
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch>en
Switch#show sp
VLAN0001
Spanning tree enabled protocol ieee
Root ID Priority 32769
Address 0000.0C71.82BA
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 0006.2A4C.8176
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 Altn BLK 19 128.2 P2p
Fa0/3 Root FWD 19 128.3 P2p
Switch#
Ctrl+F6 to exit CLI focus
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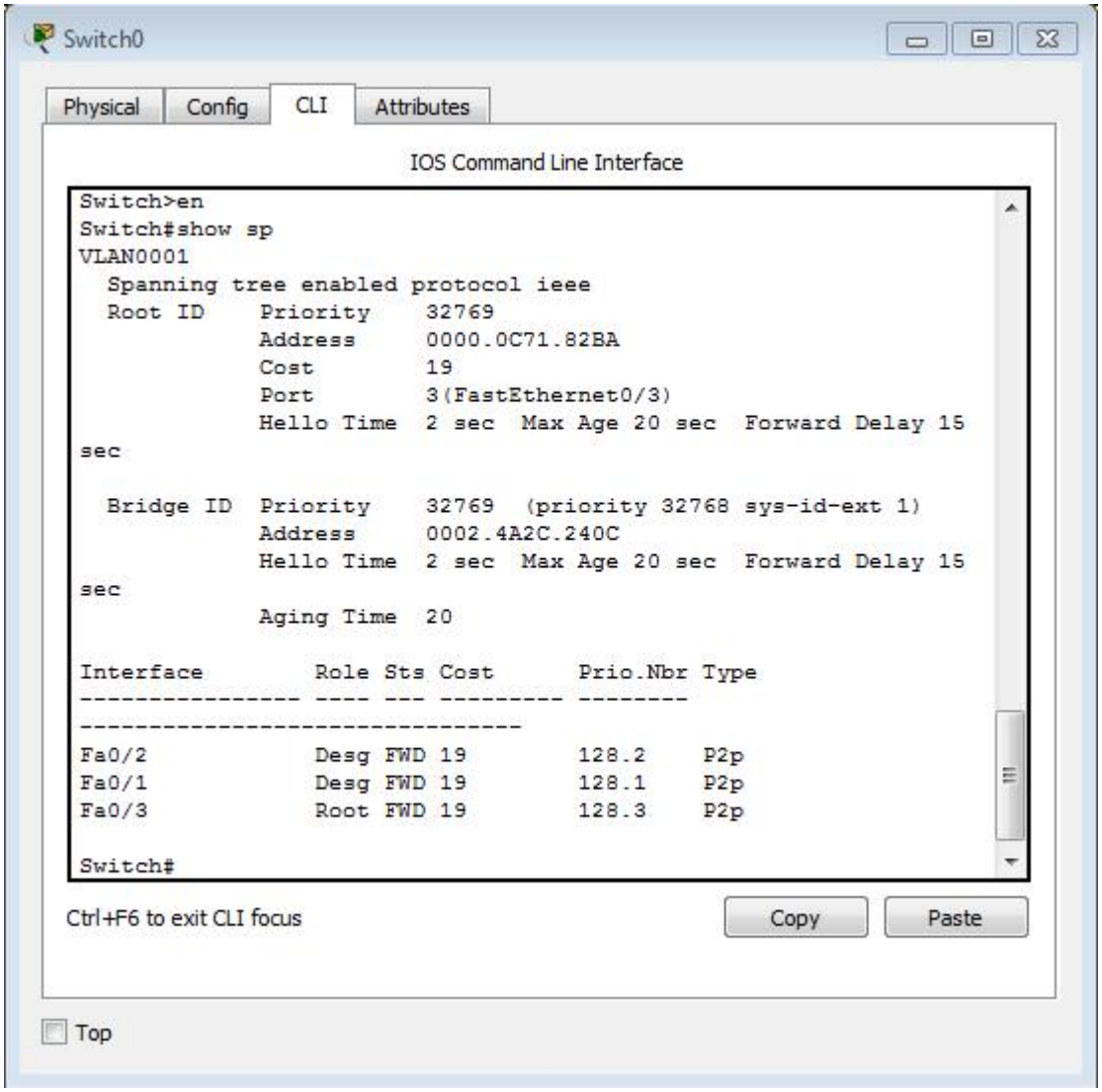
Top


Switch0
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch>en
Switch#show sp
VLAN0001
Spanning tree enabled protocol ieee
Root ID Priority 32769
Address 0000.0C71.82BA
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 0002.4A2C.240C
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 Root FWD 19 128.3 P2p
Switch#
Ctrl+F6 to exit CLI focus
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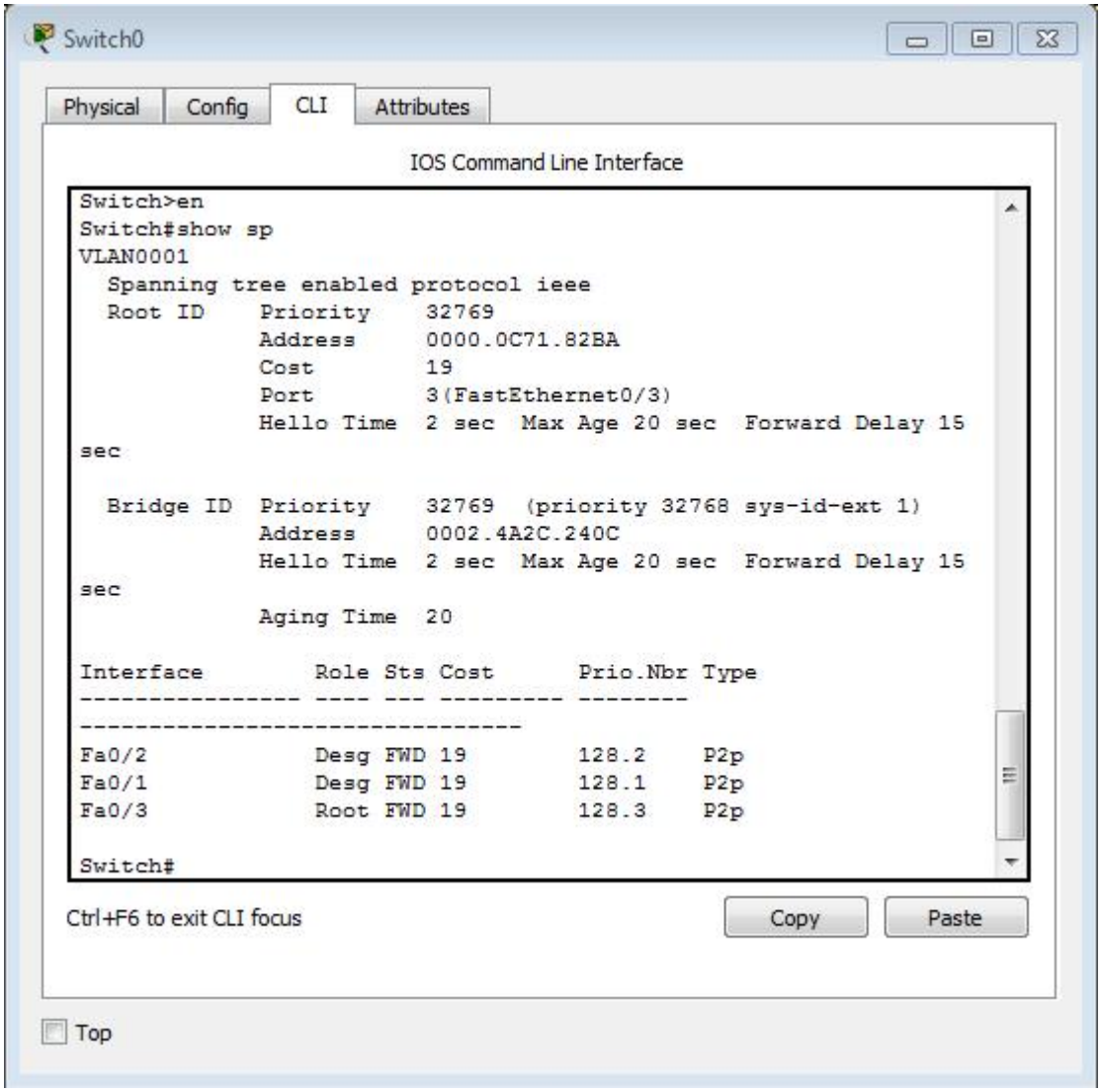


SW1

No.	Variabel	Nilai
1.	Root ID	37269
2.	Priority	37269
3.	Mac address	0000.0C71.82BA
4.	Bridge ID	3729
5.	Cost (0/1;0/2;0/3)	19
6.	Hello time	2 sec
7.	MaxAge	20 sec
8.	Forward Delay	15 sec

SW2

No.	Variabel	Nilai
1.	Root ID	37269
2.	Priority	37269
3.	Mac address	0000.0C71.82BA
4.	Bridge ID	3729
5.	Cost (0/1;0/2;0/3)	19
6.	Hello time	2 sec
7.	MaxAge	20 sec
8.	Forward Delay	15 sec

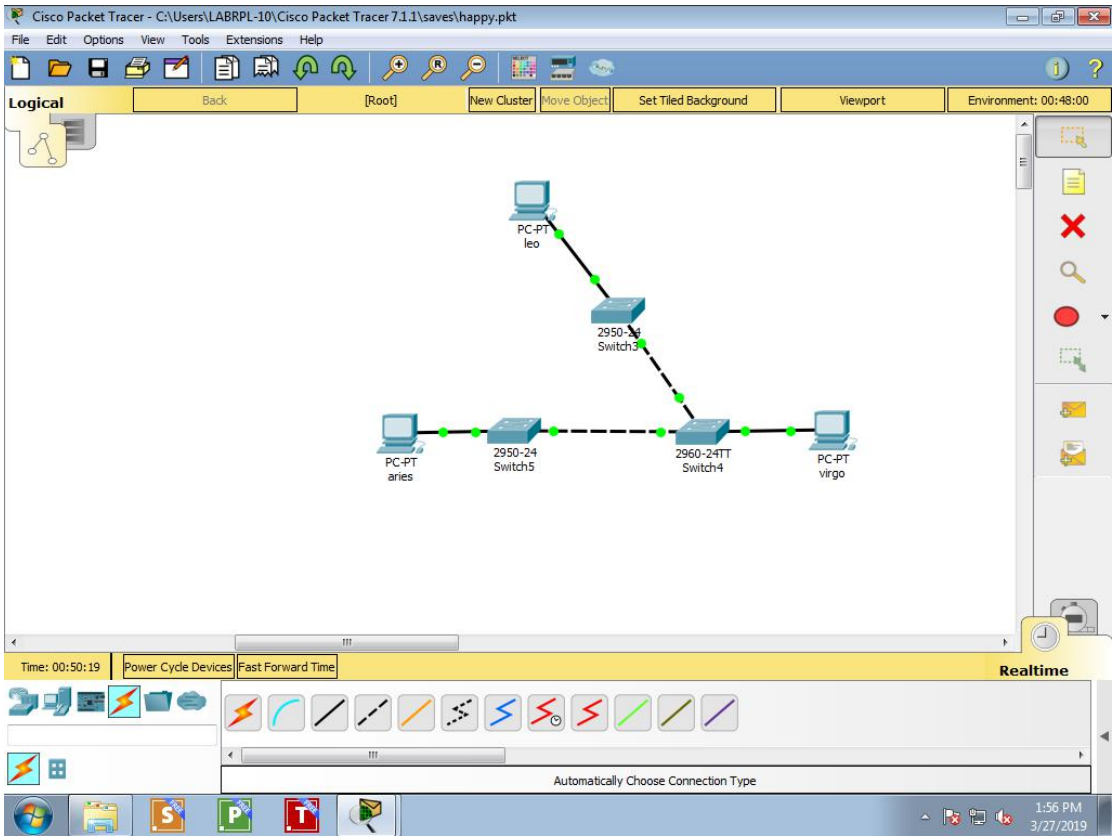
SW3

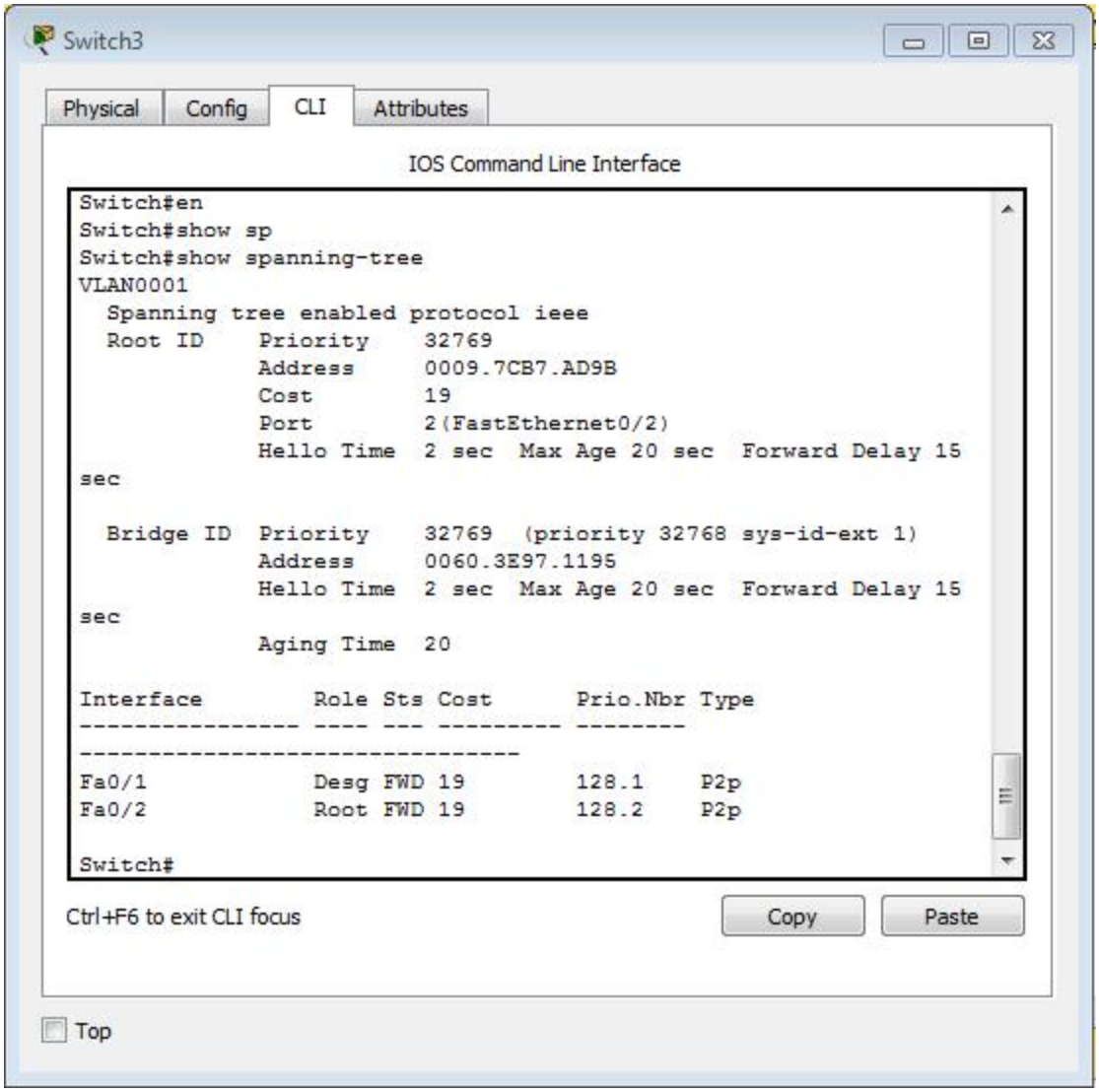
No.	Variabel	Nilai
1.	Root ID	37269
2.	Priority	37269
3.	Mac address	0000.0C71.82BA
4.	Bridge ID	3729
5.	Cost (0/1;0/2;0/3)	19
6.	Hello time	2 sec
7.	MaxAge	20 sec
8.	Forward Delay	15 sec

Tugas 4C :
- Menjadi root bridge : SW1
- Menjadi designated bidge : SW1
- Menjadi root port : SW2
- Menjadi designated port : SW3

Tugas 4D :
- Berada pada keadaan forwading : SW1, SW2
- Berada pada keadaan blocking : SW3

2. Topologi 2


Cisco Packet Tracer - C:\Users\LABRPL-10\Cisco Packet Tracer 7.1.1\saves\happy.pkt
File Edit Options View Tools Extensions Help
Logical
Back
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
Environment: 00:48:00
PC-PT leo
2950-24 Switch3
PC-PT aries
2950-24 Switch5
2960-24TT Switch4
PC-PT virgo
Time: 00:50:19
Power Cycle Devices
Fast Forward Time
Realtime
Automatically Choose Connection Type
1:56 PM
3/27/2019


Switch3
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch#en
Switch#show sp
Switch#show spanning-tree
VLAN0001
Spanning tree enabled protocol ieee
Root ID Priority 32769
Address 0009.7CB7.AD9B
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 0060.3E97.1195
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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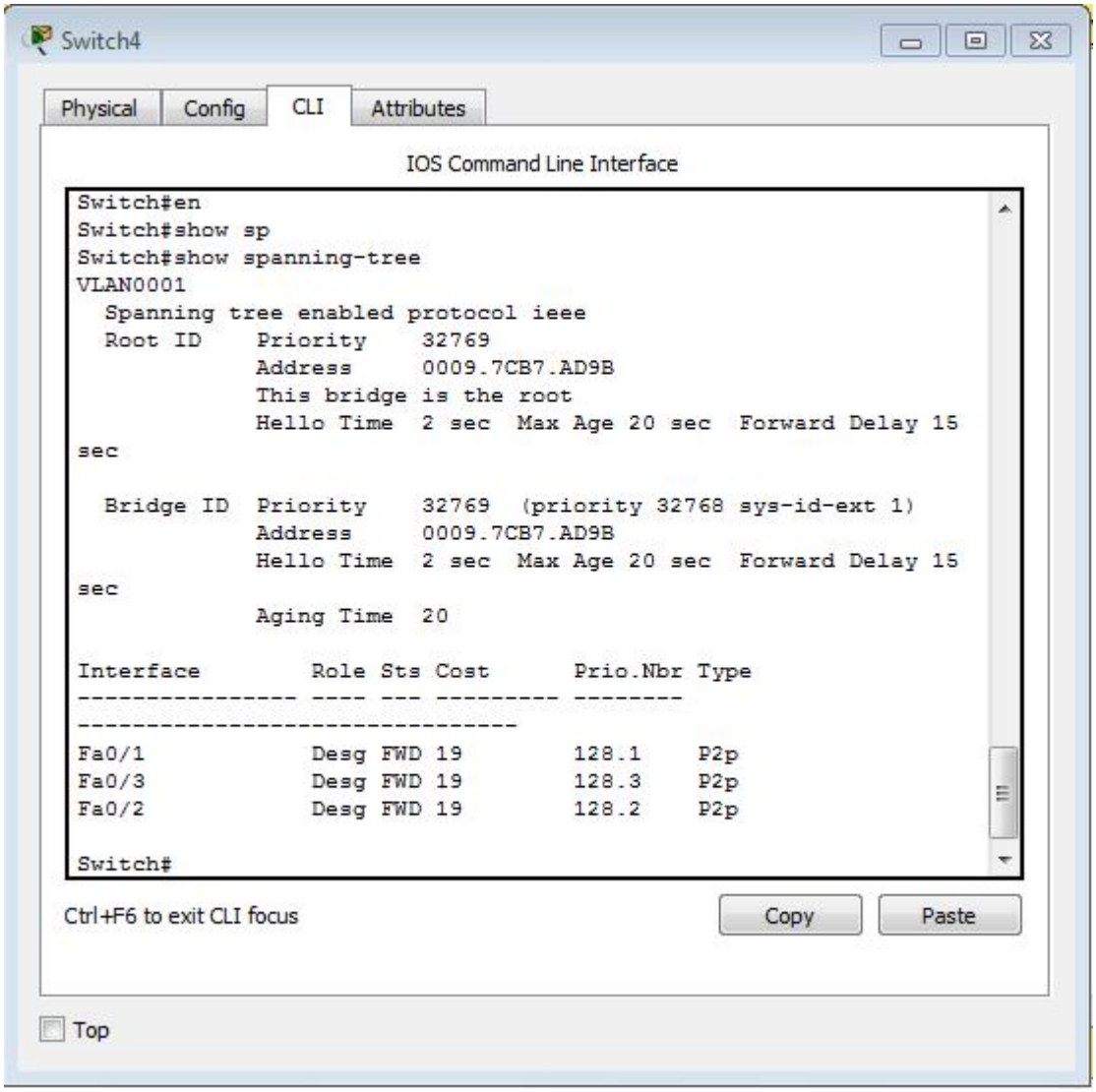
Switch4
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch#en
Switch#show sp
Switch#show spanning-tree
VLAN0001
Spanning tree enabled protocol ieee
Root ID Priority 32769
Address 0009.7CB7.AD9B
This bridge is the root
Hello Time 2 sec Max Age 20 sec Forward Delay 15
sec
Bridge ID Priority 32769 (priority 32768 sys-id-ext 1)
Address 0009.7CB7.AD9B
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
Fa0/3 Desg FWD 19 128.3 P2p
Fa0/2 Desg FWD 19 128.2 P2p
Switch#
Ctrl+F6 to exit CLI focus
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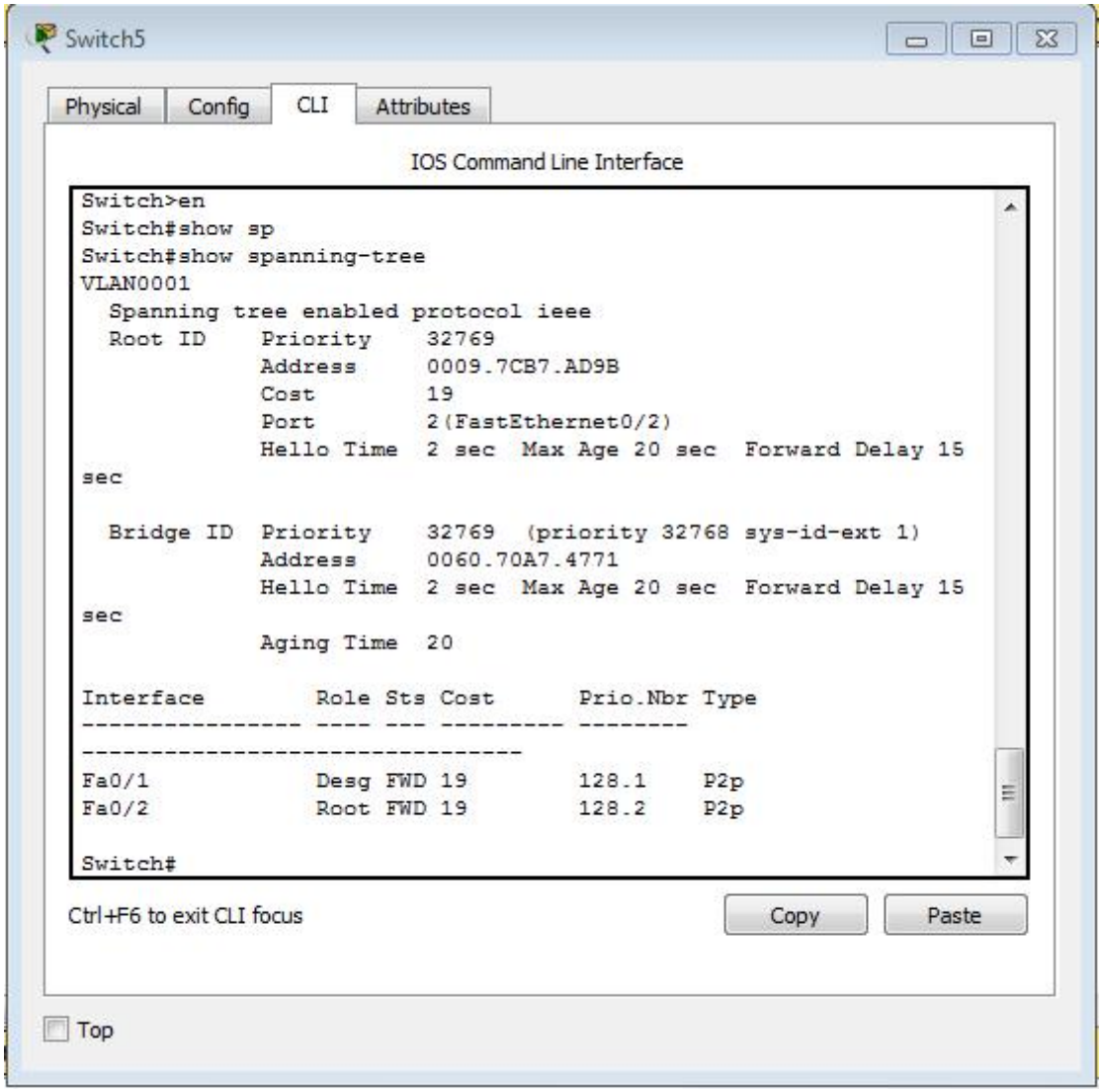
Top



SW1

No.	Variabel	Nilai
1.	Root ID	37269
2.	Priority	37269
3.	Mac address	0009.7CB7.AD9B
4.	Bridge ID	3729
5.	Cost (0/1;0/2;0/3)	19
6.	Hello time	2 sec
7.	MaxAge	20 sec
8.	Forward Delay	15 sec

SW2

No.	Variabel	Nilai
1.	Root ID	37269
2.	Priority	37269
3.	Mac address	0009.7CB7.AD9B
4.	Bridge ID	3729
5.	Cost (0/1;0/2;0/3)	19
6.	Hello time	2 sec
7.	MaxAge	20 sec
8.	Forward Delay	15 sec

SW3

No.	Variabel	Nilai
1.	Root ID	37269
2.	Priority	37269
3.	Mac address	0009.7CB7.AD9B
4.	Bridge ID	3729
5.	Cost (0/1;0/2;0/3)	19
6.	Hello time	2 sec
7.	MaxAge	20 sec
8.	Forward Delay	15 sec