

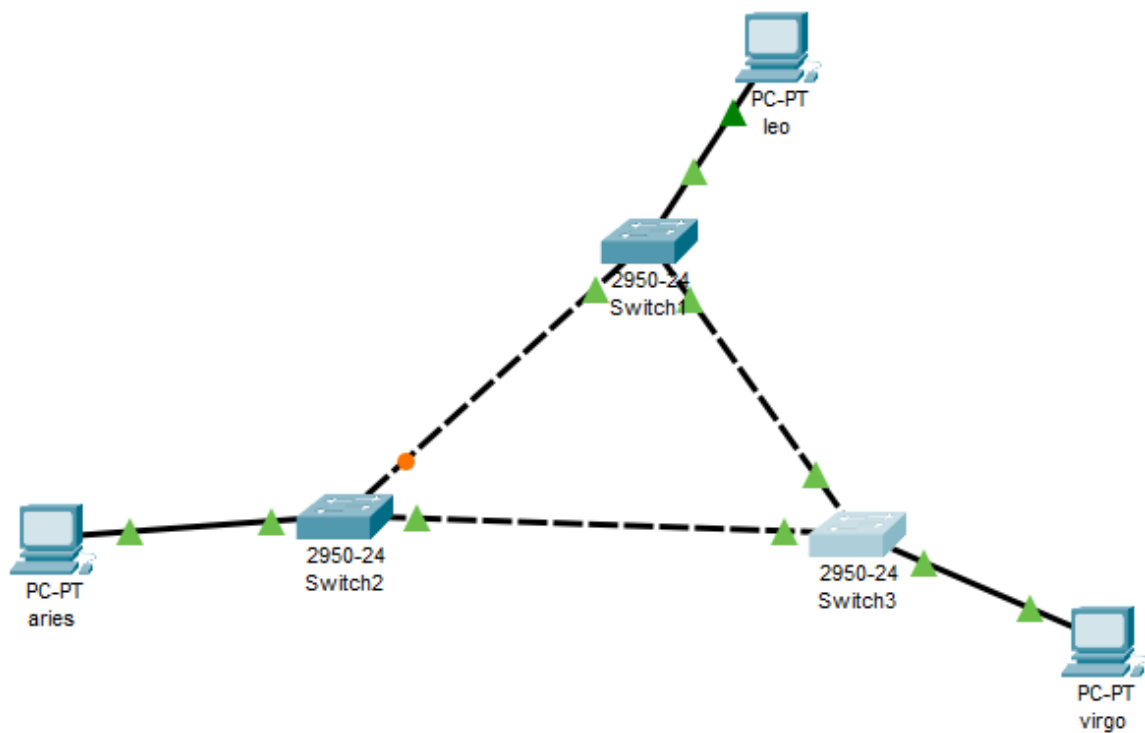
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Kelas : D

Tugas Modul 6

Kegiatan 1 Topologi 1



Tugas 1A :

Memasang Switch 2950-24 dan PC sejumlah 3 buah, lalu sambungkan PC dan Switch dengan kabel

Tugas 2A :

SW 1

```
Switch>ena
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname sw1
sw1(config)#end
sw1#
```

SW 2

```

Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname sw2
sw2(config)#end
sw2#

```

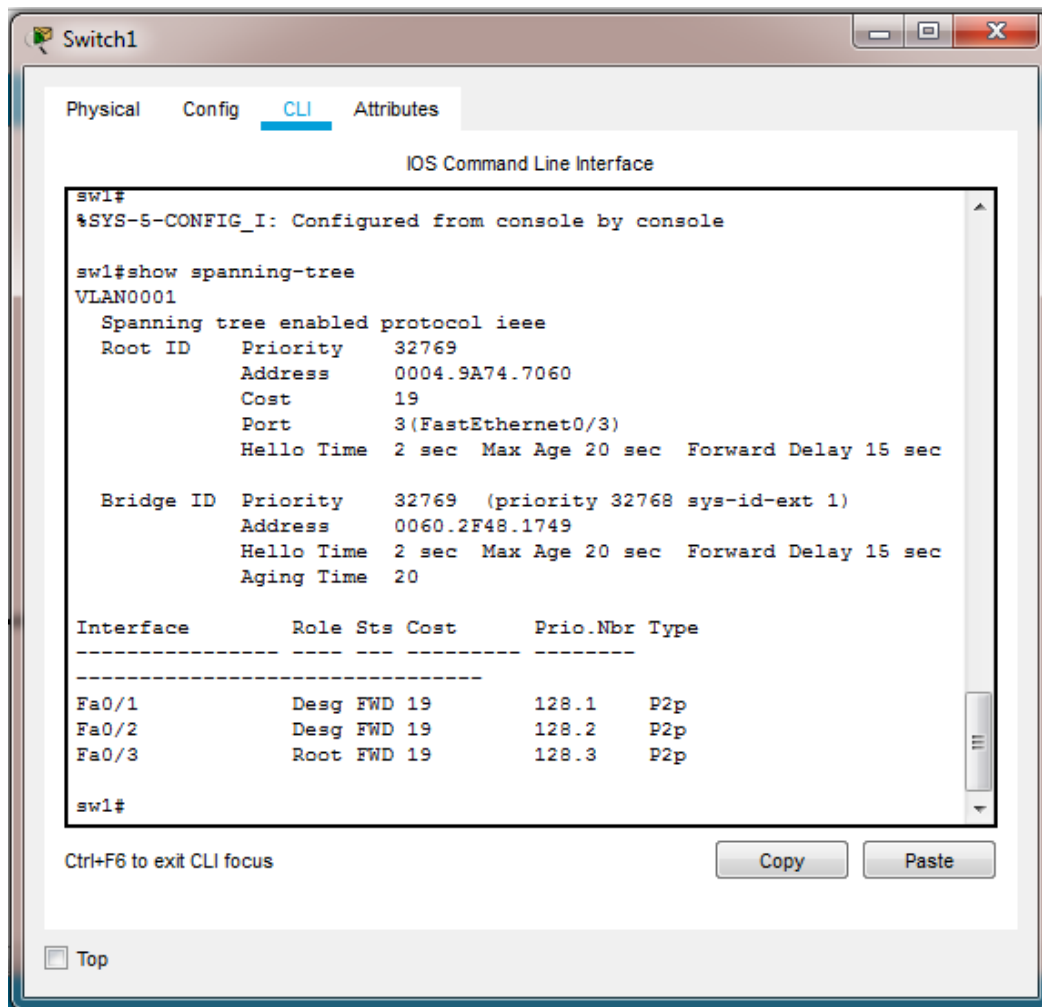
SW 3

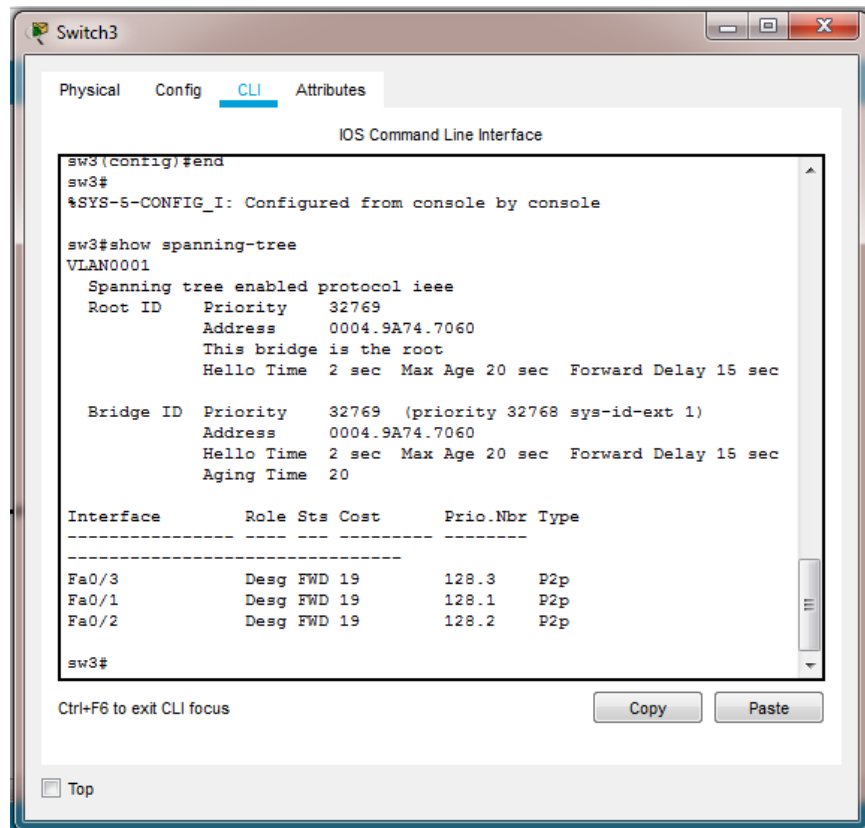
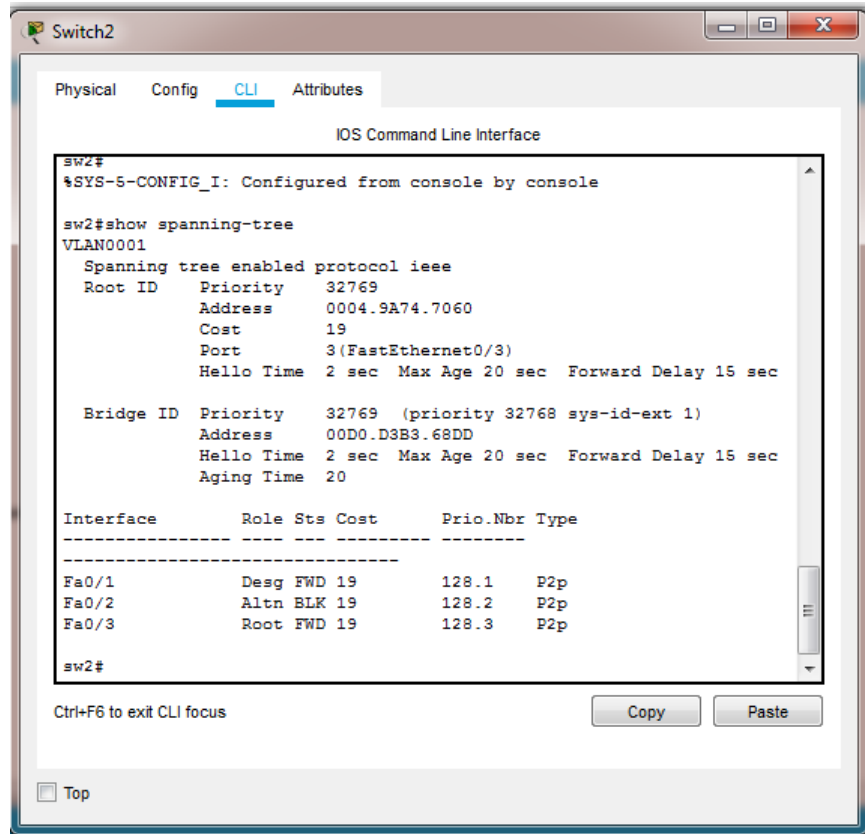
```

Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname sw3
sw3(config)#end
sw3#

```

Tugas 4A:





Tugas 4B :

SW 1

NO	Variable	Nilai
1	Root ID	0004.9A74.7060
2	Priority	32769
3	MAC ADDRESS	0060.2F48.1749
4	Bridge ID	0060.2F48.1749
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW 2

NO	Variable	Nilai
1	Root ID	0004.9A74.7060
2	Priority	32769
3	MAC ADDRESS	00D0.D3B3.68DD
4	Bridge ID	00D0.D3B3.68DD
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW 3

NO	Variable	Nilai
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1	Root ID	0004.9A74.7060
2	Priority	32769
3	MAC ADDRESS	0004.9A74.7060
4	Bridge ID	0004.9A74.7060
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Tugas 4C:

Root Bridge : SW3

Designated bridge : SW1

Root port : SW1(fa0/3) dan SW2(fa0/3)

Designated Port : SW1(fa0/1;fa0/2),SW2(fa0/1),SW3(fa0/3;fa0/2;fa0/1)

Tugas 4D :

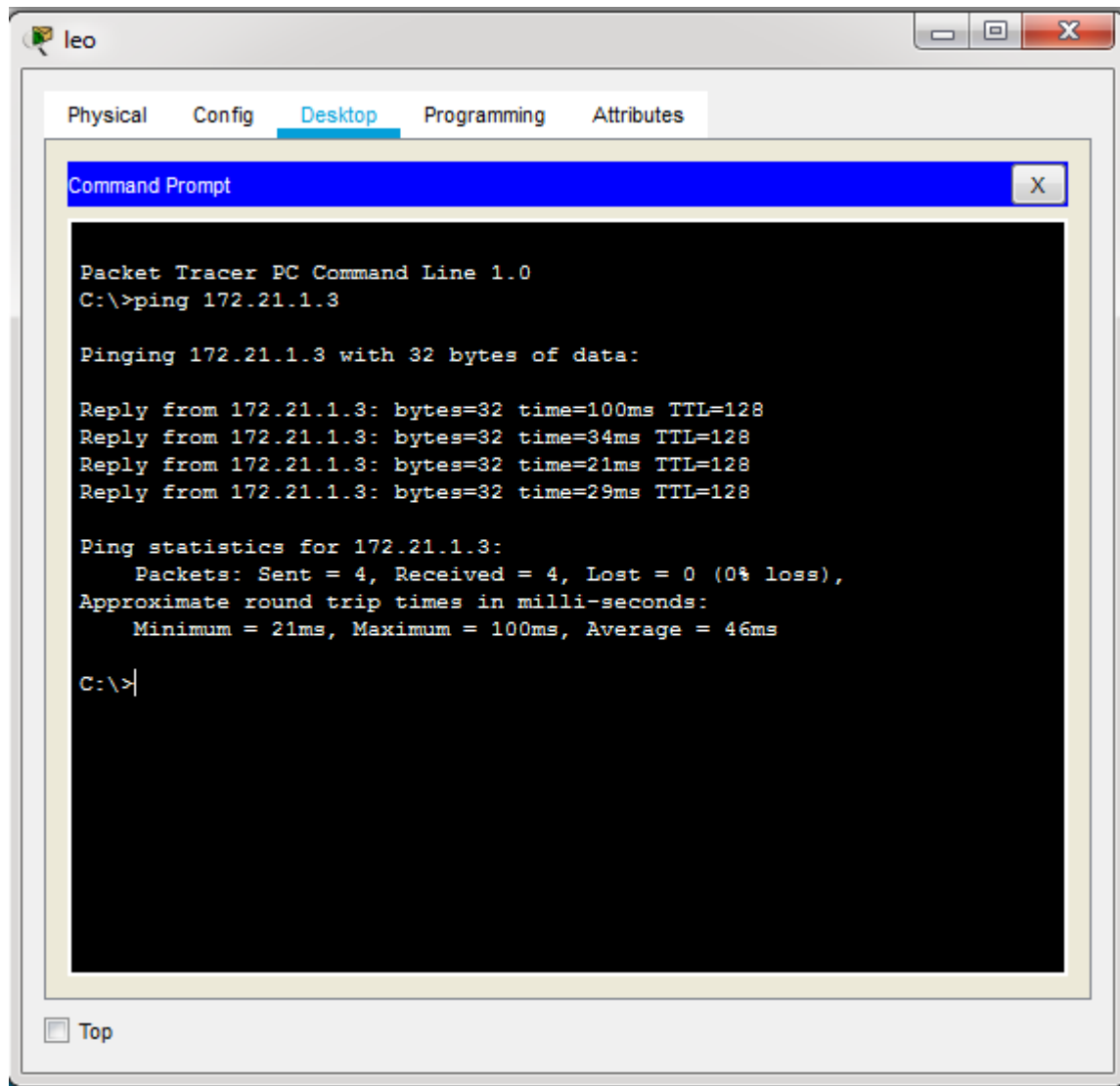
Forwarding : SW1(fa0/1;fa0/2;fa0/3),SW2(fa0/1;fa0/3),SW3(fa0/3;fa0/2;fa0/1)

Blocking : SW2(fa0/2)

Tugas 5A:

Masuk ke PC, buka tab Programming, kemudian pilih Command Prompt

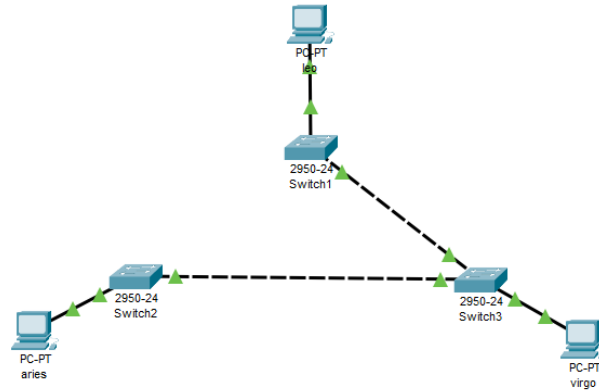
Selanjutnya, ketik “ping 172.21.1.3”



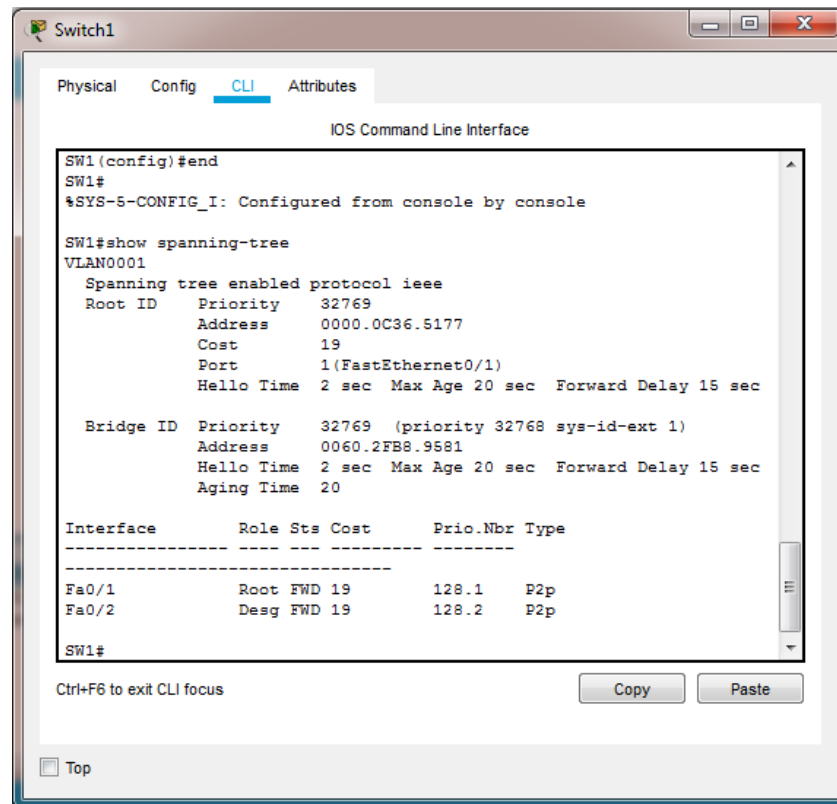
Tugas 6A:

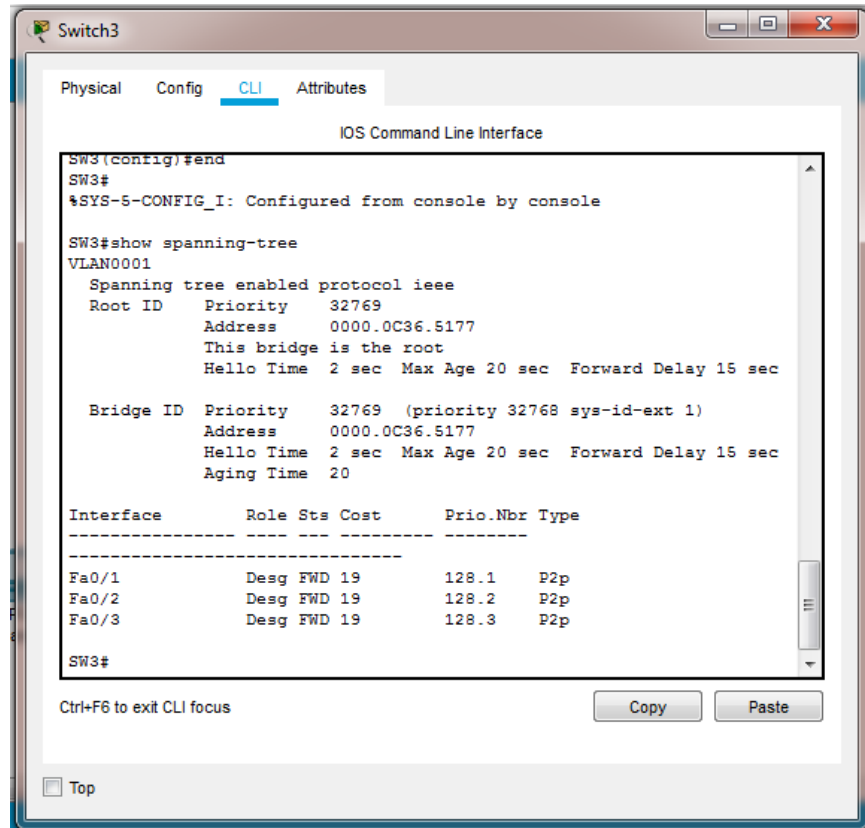
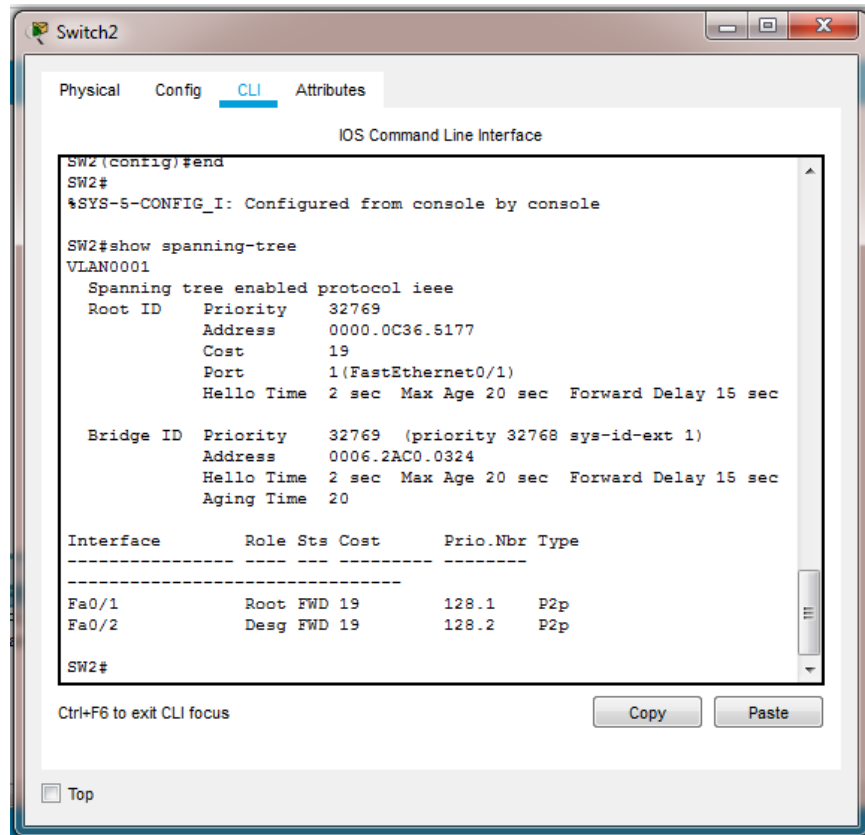


Kegiatan 2 Topologi 2



Tugas 9A:





SW1

NO	Variable	Nilai
1	Root ID	0000.0C36.5177
2	Priority	32769
3	MAC ADDRESS	0060.2FB8.9581
4	Bridge ID	0060.2FB8.9581
5	Cost(0/2;0/3)	19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW2

NO	Variable	Nilai
1	Root ID	0000.0C36.5177
2	Priority	32769
3	MAC ADDRESS	0060.2AC0.0324
4	Bridge ID	0060.2AC0.0324
5	Cost(0/2;0/3)	19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW3

NO	Variable	Nilai
1	Root ID	0000.0C36.5177

2	Priority	32769
3	MAC ADDRESS	0000.0C36.5177
4	Bridge ID	0000.0C36.5177
5	Cost0/2;0/3)	19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

Root bridge : SW1

Designated bridge : SW3

Root port : SW2 (Fa0/1), SW3(Fa0/2)

Designated port : SW1(Fa0/2), SW2(Fa0/2), SW3(Fa0/1;Fa0/2;Fa0/3)

Forwarding : SW1(Fa0/1;Fa0/2), SW2(Fa0/1;Fa0/2), SW3(Fa0/1;Fa0/2;Fa0/3)

Blocking : None