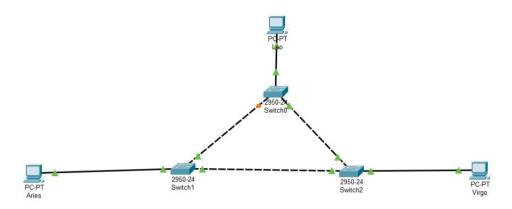
Name: Mohammad Faqih Eza Ammar | Class: X | NIM: L200183178

1. Keg 1



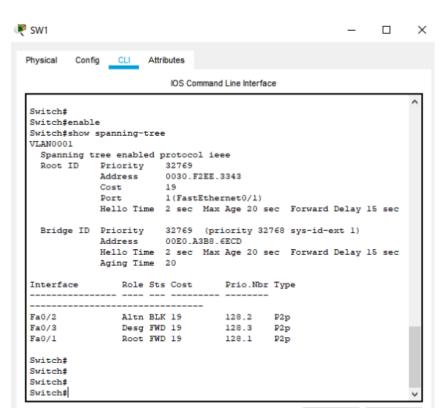
1A = Set up 3 switch type 2950-24 and 3 PC-PT. Then connect them all with cables.(PC-PT to Switch [Straight], Switch to Switch [Cross]).

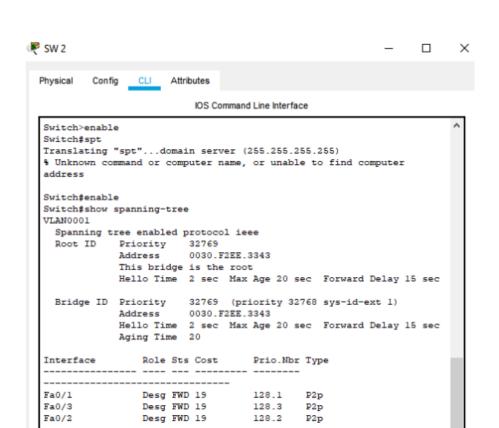
2A = Change the name of the switch by double click and go to config menu. Change the switches to Switch0, Switch1, Switch2.

PC ip:

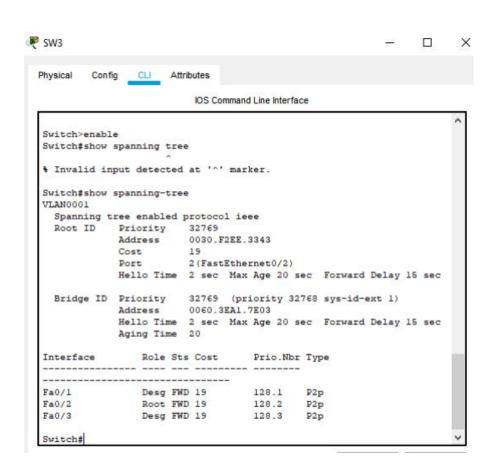
Leo = 172.21.1.1/24 Aries = 172.21.1.2/24 Virgo = 172.21.1.3/24

4A = Status STP Switch





Fa0/2 Switch#



SW 1

No	Variable	Value
1.	RootID	32769:0030.F2EE.3343
2.	Priority	32769
3.	MAC Address	00E0.A3B8.6ECD
4.	Bridge ID	32769
5.	Cost (0/1;0/2/0/3)	19/19/19
6.	Hello	2 s
7.	Max Age	20 s
8.	Forward Delay	15 s

SW 2

No	Variable	Value
1.	RootID	32769:0030.F2EE.3343
2.	Priority	32769
3.	MAC Address	0030.F2EE.3343
4.	Bridge ID	32769
5.	Cost (0/1;0/2/0/3)	19/19/19
6.	Hello	2 s
7.	Max Age	20 s
8.	Forward Delay	15 s

SW 3

No	Variable	Value
1.	RootID	32769:0030.F2EE.3343
2.	Priority	32769
3.	MAC Address	0060.3EA1.7E03
4.	Bridge ID	32769
5.	Cost (0/1;0/2/0/3)	19/19/19
6.	Hello	2 s
7.	Max Age	20 s
8.	Forward Delay	15 s

4C =

• Root Bridge: SW2

• Designated Bridge: SW1, SW3

• Root Port: SW1 FastEthernet0/1, SW3 (FastEthernet0/2)

• Designated Port : SW1 = Fa0/3, SW2 = Fa0/1, Fa0/2, Fa0/3, SW3 = Fa0/1, Fa0/2, Fa0/3

4D =

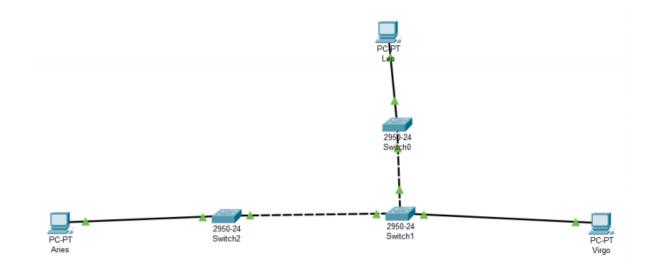
 Forwarding : SW1 = Fa0/1,Fa0/3 , SW2 = Fa0/1,Fa0/2,Fa0/3 , SW3 = Fa0/1,Fa0/1,Fa0/2,Fa0/3

• Blocking : SW1 = Fa0/2

```
Leo
                                                                  - 🗆 X
  Physical
            Config Desktop Programming Attributes
  Command Prompt
                                                                             Х
  Packet Tracer PC Command Line 1.0
  C:\>ipconfig
  FastEthernet0 Connection:(default port)
      Link-local IPv6 Address..... FE80::290:CFF:FEB5:403D
      IP Address..... 172.21.1.1
      Subnet Mask..... 255.255.255.0
      Default Gateway..... 0.0.0.0
  Bluetooth Connection:
      Link-local IPv6 Address....: ::
      IP Address..... 0.0.0.0
      Subnet Mask..... 0.0.0.0
      Default Gateway..... 0.0.0.0
  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=1ms TTL=128
Reply from 172.21.1.3: bytes=32 time=2ms 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:
```

6A = Ctrl+S, Set name to "lab2", Save

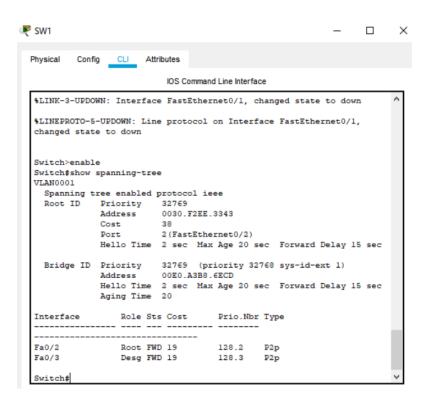
2. Keg 2

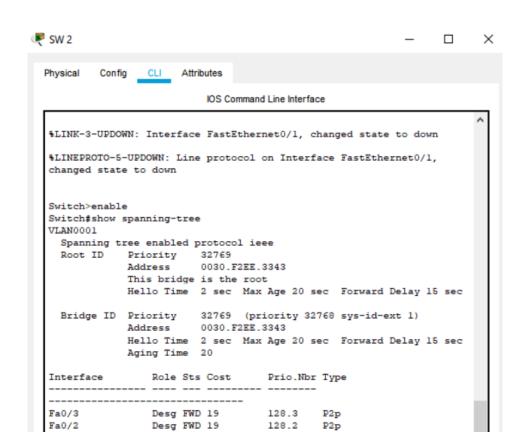


PC ip:

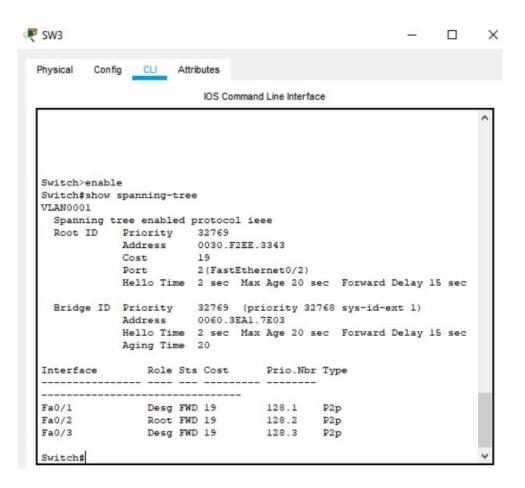
Leo = 172.21.1.1/24 Aries = 172.21.1.2/24 Virgo = 172.21.1.3/24

4A =





Switch#s



SW1

No	Variable	Value
1.	RootID	32769:0030.F2EE.3343
2.	Priority	32769
3.	MAC Address	00E0.A3B8.6ECD
4.	Bridge ID	32769
5.	Cost (0/1;0/2/0/3)	19/19/19
6.	Hello	2 s
7.	Max Age	20 s
8.	Forward Delay	15 s

SW2

No	Variable	Value
1.	RootID	32769:0030.F2EE.3343
2.	Priority	32769
3.	MAC Address	0030.F2EE.3343
4.	Bridge ID	32769
5.	Cost (0/1;0/2/0/3)	19/19/19
6.	Hello	2 s
7.	Max Age	20 s
8.	Forward Delay	15 s

SW3

No	Variable	Value
1.	RootID	32769:0030.F2EE.3343
2.	Priority	32769
3.	MAC Address	0060.3EA1.7E03
4.	Bridge ID	32769
5.	Cost (0/1;0/2/0/3)	19/19/19
6.	Hello	2 s
7.	Max Age	20 s
8.	Forward Delay	15 s

4C =

• Root Bridge: SW2

• Designated Bridge: SW1, SW3

• Root Port : SW1 FastEthernet0/2 , SW3 (FastEthernet0/2)

• Designated Port : SW1 = Fa0/3, SW2 = Fa0/1, Fa0/2, Fa0/3, SW3 = Fa0/1, Fa0/3

4D =

• Forwarding : SW1 = Fa0/1, Fa0/3, SW2 = Fa0/2, Fa0/3, SW3 = Fa0/1, Fa0/1, Fa0/2, Fa0/3

• Blocking: Has no blocking port

