

Instructor:

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LABs : **STP**

Course: **CCNA 200 301 Switching**

Team: **Cipher | Networks Camp**

20 points

LAB 1

1-What is the current (default)STP version running on the switches?(**Write in the text box**)

- What is the bridge ID for each switch?
- What is the root bridge for each VLAN?
- What is the STP cost of each interface?
- Which interface is blocked?

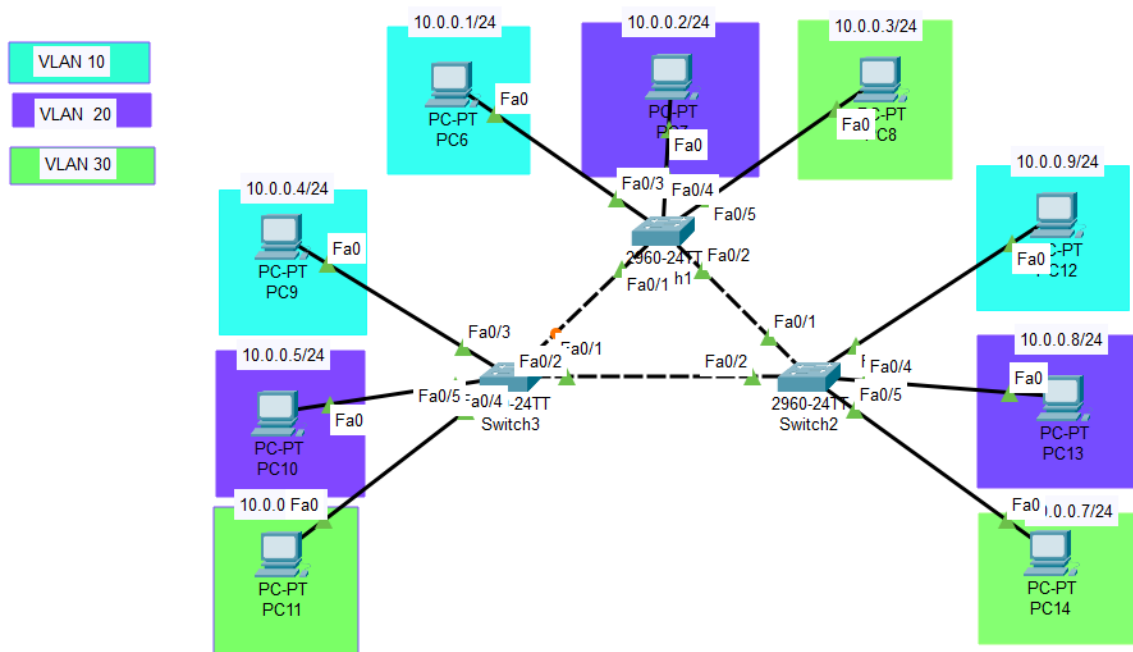
2- Change the Spanning-tree mode on each switch to RPVST

3-Make the following configurations:

- VLAN10 Root :-SW1 ,Secondary Root :-SW2
- VLAN20 Root :-SW2 ,Secondary Root :-SW3
- VLAN30 Root :-SW3 ,Secondary Root :-SW1

4- Enable Portfast and BPDUGuard on the appropriate interfaces.

• Network Topology: -



LAB 2

Using MST, BPDU Filter :-

IN THREE SWITCHES:-

-Creat VIANs 2,3,4,5,6,7,8,9,10

-Creat MST1

- Name : Farida
- Include Vlans [1,2,3,4,5]

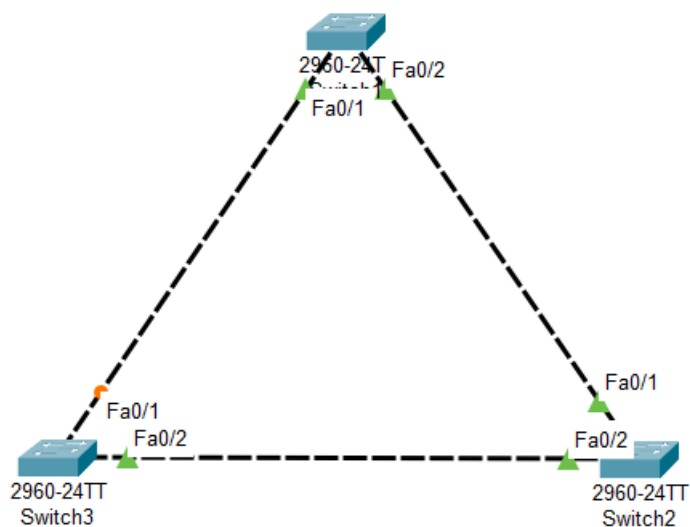
-Creat MST2

- Name : Farida
- Include Vlans [6,7,8,9,10]

-SW1:- Root [MST1]

-SW2:- Root [MST2]

-SW1:- Bpdu Filter enable



Thank You
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