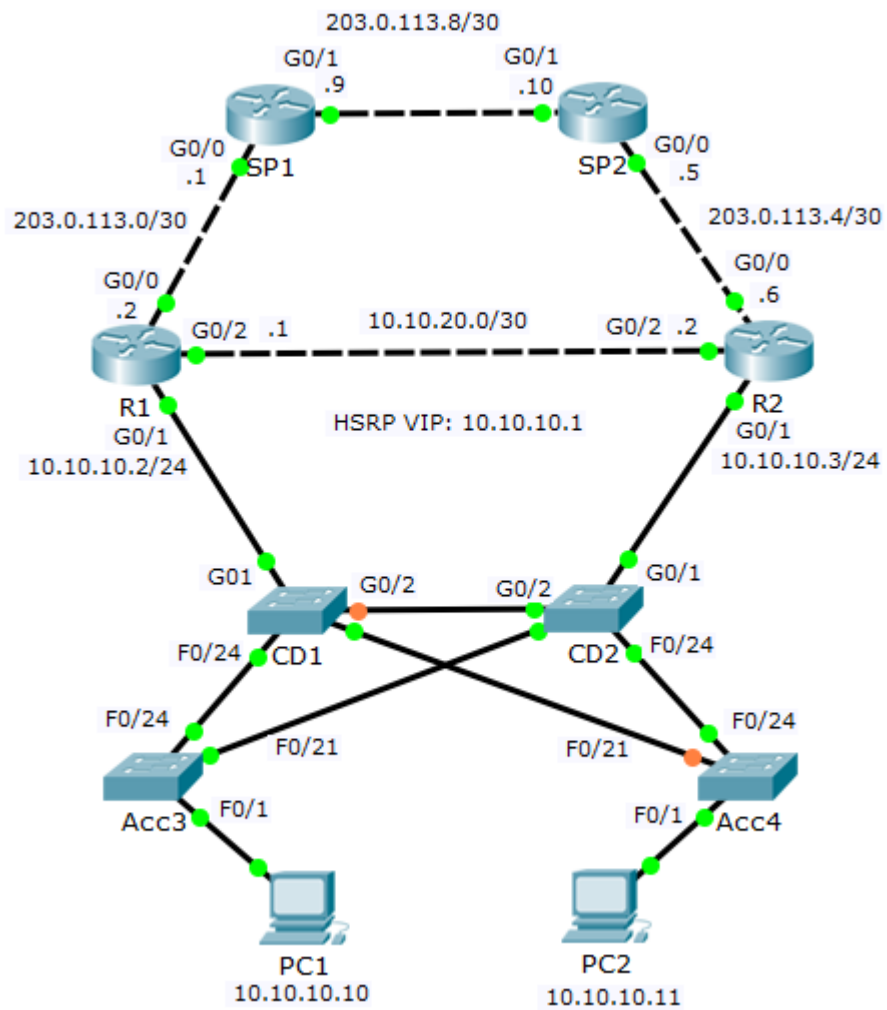# Spanning Tree Verification Example

Verification – show spanning-tree
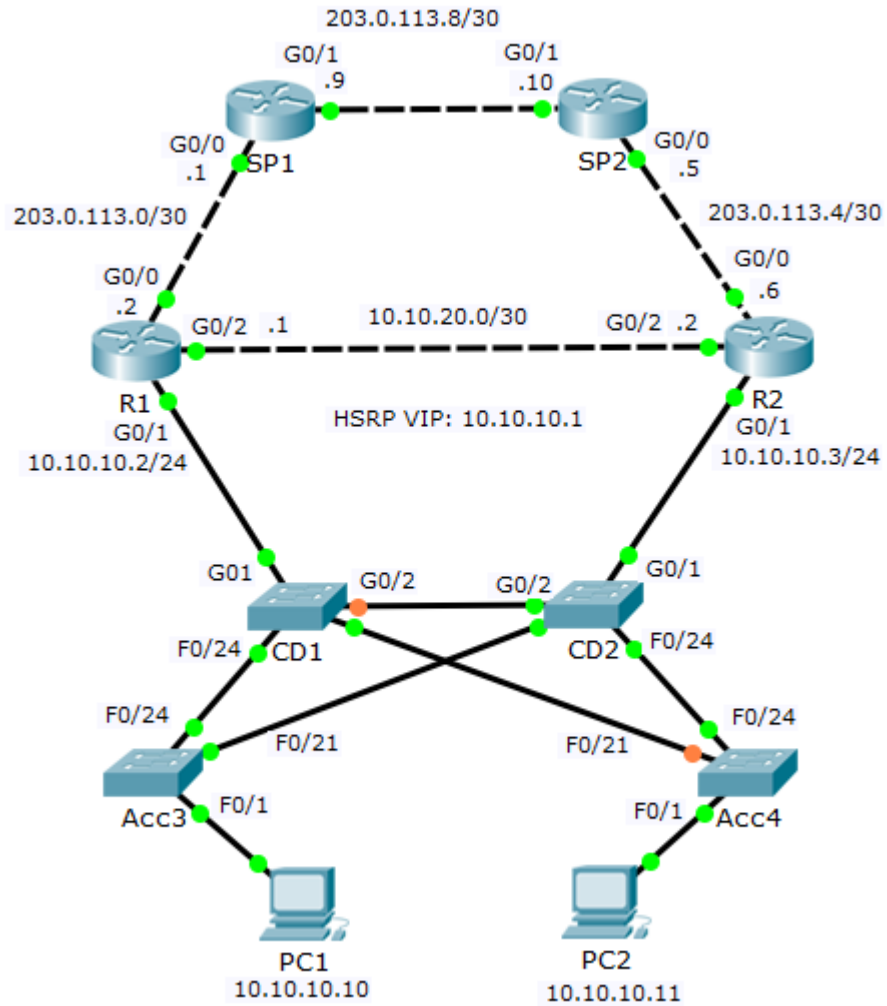
- Root Bridge:

```
Acc3#show spanning-tree vlan 1
VLAN0001
  Spanning tree enabled protocol ieee          PVST+
  Root ID    Priority    32769
             Address     0001.C962.D43D
             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     0001.C962.D43D
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20

Interface        Role Sts Cost      Prio.Nbr Type
---------------- ---- --- --------- -------- ------------------------
Fa0/21           Desg FWD 19        128.21   P2p
Fa0/24           Desg FWD 19        128.24   P2p
```

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Spanning Tree Verification Example

Verification – show spanning-tree

- Non-Root Bridge:

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```
CD1#show spanning-tree vlan 1
VLAN0001
  Spanning tree enabled protocol ieee     PVST+
 Root ID    Priority    32769
            Address     0001.C962.D43D
            Cost        19
            Port        24(FastEthernet0/24)
            Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769  (priority 32768 sys-id-ext 1)
             Address     0090.0CA0.3902
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20

Interface        Role Sts Cost      Prio.Nbr Type
---------------- ---- --- --------- -------- --------------------
Gi0/2            Altn BLK 4         128.26   P2p
Fa0/21           Desg FWD 19        128.21   P2p
Fa0/24           Root FWD 19        128.24   P2p
```