

Actions ▼

6.6.7 Find STP Info

Which switch is the root bridge?	ecessary commands to answer the following questions: SwitchB
SwitchA	SWILCIID
What is the root bridge's priority and MA	IAC
32769:00b0.64fa.c265	32769:000e.8411.68c0
What is the state of port FastEthernet 0/1	/1 on SwitchA?
Disabled	Forwarding
What is the state of port FastEthernet 0/1	/1 on SwitchD?
Learning	Blocking
What is the role of port FastEthernet 0/2	2 on SwitchC?
Root	▼ ✓
Explanation	
	1 command on each switch, you should have discovered the following: the root bridge, look for the following line in the Root ID
Spanning tree enabled protocol ieee Root ID Priority 32769 Address 000e.8411.68c0 This bridge is the root Hello Time 2 sec Max Age 20 sec For	orward Delay 15
Spanning tree enabled protocol ieee Root ID Priority 32769 Address 000e.8411.68c0 This bridge is the root Hello Time 2 sec Max Age 20 sec For sec The priority and MAC address of th sWhelstate of FastEthernet 0/1 on Sw	orward Delay 15 the root bridge (SwitchB) is 32769 and 000e.8411.68c0 . This information is displayed on each witchA is in Forwarding or FWD . The port on the designated switch with the lowest port cost back to the root FastEthernet 0/1 on SwitchA is directly connected to the root switch, SwitchB. Root ports are always in the
Spanning tree enabled protocol ieee Root ID Priority 32769 Address 000e.8411.68c0 This bridge is the root Hello Time 2 sec Max Age 20 sec For sec. *The priority and MAC address of th swhelstate of FastEthernet 0/1 on Sw bridge is identified as the root port. Forwarding state. *The state of FastEthernet 0/1 on Sw interfaces, respectively. The path with (32768:00b0.64fa.c265) than Switch/SwitchA.	the root bridge (SwitchB) is 32769 and 000e.8411.68c0. This information is displayed on each witchA is in Forwarding or FWD. The port on the designated switch with the lowest port cost back to the root FastEthernet 0/1 on SwitchA is directly connected to the root switch, SwitchB. Root ports are always in the witchD is in Blocking or BLK. SwitchD is connected to SwitchC and SwitchA through its Fa 0/3 and Fa 0/1 th the switch with the lowest bridge ID becomes the path back to the root. SwitchC has a lower bridge ID hA (32768:00c0.1940.8b80). So SwitchD uses Fa 0/3 as its root port and blocks its Fa 0/1 port, which is connected to
Spanning tree enabled protocol ieee Root ID Priority 32769 Address 000e.8411.68c0 This bridge is the root Hello Time 2 sec Max Age 20 sec For Section 1. S	the root bridge (SwitchB) is 32769 and 000e.8411.68c0. This information is displayed on each witchA is in Forwarding or FWD. The port on the designated switch with the lowest port cost back to the root FastEthernet 0/1 on SwitchA is directly connected to the root switch, SwitchB. Root ports are always in the witchD is in Blocking or BLK. SwitchD is connected to SwitchC and SwitchA through its Fa 0/3 and Fa 0/1 th the switch with the lowest bridge ID becomes the path back to the root. SwitchC has a lower bridge ID

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