

1. What is STP?
2. If STP is disabled and switches are wired with redundancy, what will occur with a broadcast frame originating from a host?
3. How many root bridges are allowed in a converged network running one instance of STP?
4. How do switches select root bridges?
5. What information is contained in a BPDU?
6. What is the bridge ID?
7. What effect will the following command have on a converged network if added to a non-root switch: **spanning-tree vlan 1 root primary**?

8. Describe the five states of STP.
  
9. Explain “max-age timer.”
  
10. Explain “forward delay.”
  
11. What is Spanning-tree portfast? How would this command effect the network performance?
  
12. What is the process for convergence in a spanning tree topology?
  
13. What can an administrator do to influence STP?
  
14. What is RSTP? How does it affect convergence?
  
15. What is PVST?
  
16. What are some of the new link types defined by RSTP?