

Evaluation Criteria for Lab 5

Cisco v6 Lab 3-3 and v7 Lab 4-2

Notes:

1. The first requirement to receive any marks for this lab is to append your Algonquin network ID to both the hostname and the VLANs specified in the labs. For example for switch DLS1, Anderson would use DLS1-ande0001, and VLAN100 would be Servers-ande0001.
2. Please have all relevant details already visible on your screen before signing up for a demo! (Copy & paste to notepad if you want to continue working.)
3. Configurations must be completely erased from the lab equipment (ref: Cisco v7 Labs 1.1 and 1.2). The first time you forget or are unsuccessful in erasing your configs, you forfeit half the marks for the lab. The second & subsequent times you forget or are unsuccessful in erasing your configs, you forfeit **all** the marks for the lab.

Marking Rubric

- [1 mark; v6 Lab 3.3 Challenge] Show different root bridges for the various VLANs that you configured in the lab.
- [1 mark; v6 Lab 3.3 EXTRA] Demo RSTP and STP inter-operating. What output *proves* that a switch in RSTP mode is inter-operating with a switch in STP mode?
- [1 mark; v7 Lab 4.2 Step 10] Demo your completed Lab 4.2 with non-default bridge priorities, different root bridges, and a non-default port cost.
 - What are the actual, net **bridge priorities** for each instance?
 - In the output of "show spanning-tree", what are 4 indicators that you're running MST?
- [1 mark; v7 Lab 4.2 EXTRA] Demo MST and STP inter-operating. What output *proves* that a switch in MST mode is inter-operating with a switch in STP mode?

Total: 4 marks