

Evaluation Criteria for Lab 10

NTP and SNMP: Cisco v7 Labs 7.1 + 7.2

Notes:

1. The usual rules for hostnames, VLANs, and clearing the equipment apply to this lab.
2. You'll need access a MIB viewer. You can get the one used for the lab instructions at: https://www.manageengine.com/products/mibbrowser-free-tool/9229779/ManageEngine_MibBrowser_FreeTool.exe
3. There is no IPv6 in this lab, but ALS1 needs routing capabilities so you may need to configure a specific SDM template for it. No hosts are necessary for lab 7.1; only the NMS server connected to DLS1 is necessary for lab 7.2.
4. 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.)

Marking Rubric

- [1 mark; NTP verification; lab 7.1] Upon completing the last step "Verify NTP on all devices", demo & prove correct NTP operation. Be prepared to identify the value of the third octet for the 127.127.X.1 address of the NTP server, and possibly the meaning of other output fields.
- [1 mark; SNMPv3, lab 7.2] Demo successful operation (and thus successful configuration) upon completing Part 3, Step 8 "Verify SNMP TRAP Operation"
- [1 mark; SNMPv2c, lab 7.2] Upon completing Part 4, Step 7 "Verify SNMP GET Operation", demo the full interface table from one of the switches.

Total: 3 marks

Notes

- NTP, as implemented on Cisco devices, can take up to 5 *minutes* to synchronize; if you're 100% sure you've implemented everything correctly but haven't synchronized, move along to other tasks and check again in 4-5 minutes.
- For Ottawa, the normal timezone is: *clock timezone EST -5* and daylight savings is: *clock summer-time EDT recurring*
- You've had a full course on SNMP; here's your chance to prove you can get things working even for a "new" device! (i.e. one that you haven't used for SNMP previously)