OpenSnaproute Automation using "Robot" Framework
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Directory Structure:

OpenSnaproute Automation Directory-Structure using "Robot" Framework
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```
                        OpenSnaproute_LLDP
                              |
     -------------------------------------------------------------------------------
     |                              |                              |
     |                              |                              |
 OpenSnaproute_Drivers      OpenSnaproute_Variables       OpenSnaproute_Testscripts
     |                              |                              |
     |                              |                              |
     |-OpenSnaprouteCliDriver.py   |-Variables.py               |-LLDP
     |-logger.py                                                      |-OpenSnaproute_lldp.robot
     |-testfail.py                                                    |-device.params
     |-flexprintV2.py                                                 |-OpenSnaproute.params
     |-flexswitchV2.py
     |-tablePrint.py
```
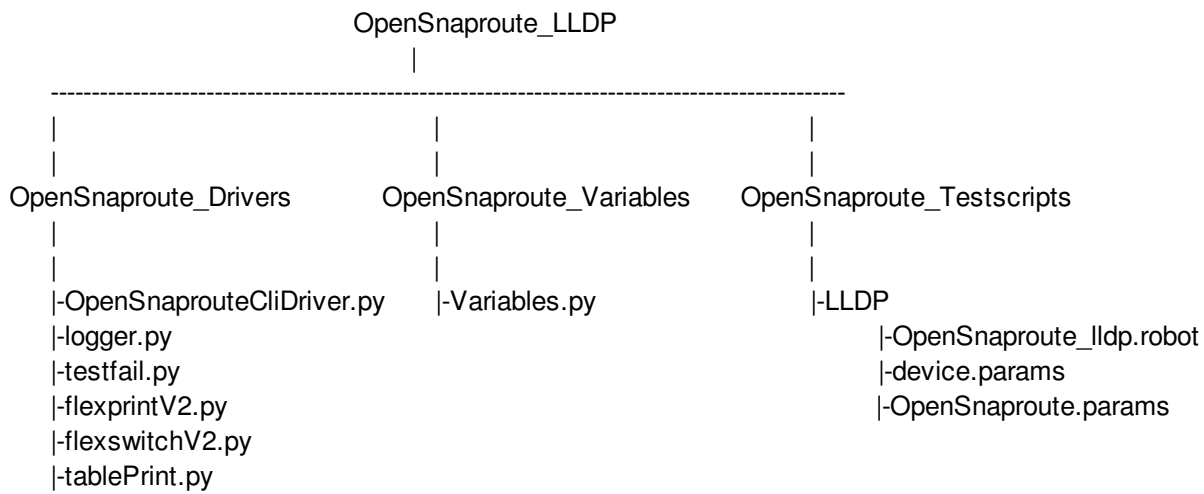
OpenSnaproute_Drivers-------- Contains all the APIs used in the Test-scripts
OpenSnaproute_Variables------ Contains device informations interms of variables
OpenSnaproute_Testscripts---- Contains OpenSnaproute LLDP testing Test-suite
LLDP----------------------- Contains OpenSnaproute LLDP testing Test-suite â€œOpenSnaproute_lldp.robotâ€
LSNC_Lab_Access_NSI_for_TerraLogic.xlsx------ Contains connection information between routers

How to run the test-case ?

1. Copy the OpenSnaproute_LLDP directory into home directory.
2. Open a Terminal, then cd to ~/OpenSnaproute_LLDP/OpenSnaproute_Testscripts/LLDP directory
3. Open OpenSnaproute_lldp.robot, and change the variable ${USER} value to system username.
Ex:
*** Variables ***
${USER} opensnaproute
//replace "opensnaproute" by your system username
4. Open a Terminal, then cd to ~/OpenSnaproute_LLDP/OpenSnaproute_Variables directory
5. Open Variables.py, and if you need to run for all the devices, change device_all="yes" and to run certain devices change the variable device_all="no" and mention device count.
Ex:

device_all="no"
fab_count = 1
csw_count = 2
asw_count = 1

    or

device_all="yes"

6. Open Variables.py, and specify the path of EXCEL file and Sheet name

Ex:
path = '/home/opensnaproute/Downloads/LSNC_Lab_Access_NSI_for_TerraLogic.xlsx'
sheet_name="NSI"

7. Run the test-suite file :OpenSnaproute_lldp.robot file using the below command.
robot OpenSnaproute_lldp.robot
8. Once Test-case execution completed, We will get a log file like:
Output: output.xml
Log: log.html
Report: report.html
9. Then Open the log.html file in any browser for web-based log view.