* + 1. **uOLT Data Link Configuration, Networks and PON Connections**

***Objective:***

The objective of the following tests is to configure networks, data links and PON connections allowing traffic to flow between connected hosts and the network.

******Data Link Configuration**

To configure the required authenticator and L2 DHCP relay parameters on the respective datalink which will trigger the respective uOLT to trap for authentication and DHCP messages coming from the client.

***Note:***

* ***NAS-identifier: String to identify the Authenticator/ NAS***
* ***NAS-port-id: String to identify the NAS interface***
* ***DHCP Circuit ID: String to identify interface of DHCP Relay Agent***
* ***DHCP Remote ID: String to identify ONU***

***Procedure:***

pon-ctrl onus onu 'ONU\_2' 'OLT\_1' datalinks datalink 'datalink\_2' admin-state enabled

sla-profile "sla\_1" add-ctag 200

add-ctag-pcp 4

dhcp-circuit-id "1/6/0"

dhcp-remote-id "CIEN00001642" NAS-identifier "E8:B4:70:70:09:6E"

NAS-port-id "TIBIT-DEMO-SW-2 eth 1/6/0" uni-ports 1

exit exit exit exit exit

******NNI Interface Configuration**

***Procedure:***

pon-ctrl olts olt OLT\_1 nni-networks nni-network NNI\_Network\_1 match-stag 0

match-ctag-1 200

match-ctag-2 65535 tag-action none

exit exit exit exit exit

******PON Connection Configuration**

***Procedure:***

pon-ctrl onus onu ONU\_2 OLT\_1 pon-connections pon-connection pon\_con\_2 datalink datalink\_2

nni-network NNI\_Network\_1 match-ctag-1 200

match-ctag-2 65535

match-stag 0 tag-action none exit

exit exit exit exit