###### DHCP Server reachability to L2 DHCP relay Agent (PON controller)

***Objective:***

L2 DHCP relay agent should be able to reach the DHCP server. As it is a L2 DHCP relay agent, uOLT, DHCP server and subscriber should be on a same broadcast domain.

Required fp, fd, classifier is configured on the 5171 so the dhcp relay agent (functionality in PON controller) will be able to forward the dhcp messages coming from the client to the dhcp server.

***Procedure:***

* + - 1. Create classifier and forwarding domain. fds fd 'fd-ctag-200' mode vpls

classifiers classifier 'ctag-200' filter-entry 'classifier:vtag-stack' vtags '1' vlan-id 200

* + - 1. Create flow point. As show in the topology, DHCP server is connected to port 10 on 5171 and the uOLT plug is port 4 on the 5171.

fps fp 'fp1-ctag-200' fd-name "fd-ctag-200" logical-port "10" admin-state enabled classifier- list-precedence 10 mac-learning enabled stats-collection on classifier-list "ctag-200"

fps fp 'fp23-ctag-200' fd-name "fd-ctag-200" logical-port "4" admin-state enabled classifier- list-precedence 10 mac-learning enabled stats-collection on classifier-list "ctag-200"

Test Case Results:

Passed: Yes No Verified by Date/Time Comments