###### uOLT Management Configuration

***Objective:***

In order for the device that is hosting the uOLT to control/configure the PON service, a management forwarding domain must be created. The uOLT must also be enabled.

***Topology:***

uOLT inserted into 10G port into 5171

***Procedure:***

1. Create classifier and forwarding domain.

classifiers classifier vid\_4090 filter-entry vtag-stack vtags 1 vlan-id 4090

fds fd vs4090 mode vpls

1. Create flow point. Note: The logical port is the port that the uLOT is inserted. VLAN 4090 and tpid 8100 are required settings.

fps

fp vid\_4090\_port4 fd-name vs4090 logical-port 4 stats-collection on

mac-learning enabled classifier-list vid\_4090 classifier-list-precedence 10

egress-l2-transform push-vid-4090 vlan-stack 1

push-tpid tpid-8100 push-pcp pcp-7 push-vid 4090

exit exit exit exit

1. Create a management IP interface.

oc-if:interfaces interface pon\_mgmt\_1 config name pon\_mgmt\_1 cn-if:type ip mtu 1500 admin- status true underlay-binding config fd vs4090

1. Enable the uOLT. pon-ctrl olts olt OLT\_1

admin-state enabled

management-interface pon\_mgmt\_1 mac-address E8:B4:70:70:09:6E

exit exit exit