###### Configure G.8275.2 T-GM

***Objective:***

The objective of this test is to configure an G.8275.2 T-GM. A G.8275.2 T-GM configuration is similar to a 8275.1 T-GM, but It requires an IP interface to be configured.

***Topology:***

Antenna connected to the GNSS input (SMB antenna input).

***Procedure:***

The prerequisite for this test is to enable the GNSS.

1. Set the PTP global parameters to a G.8275.2 profile and a GM clock type.

sync global network-option option-1 sync global reversion-mode revertive sync global wait-to-restore 0

sync ptp-global profile g.8275.2

sync ptp-global clock-type gm sync ptp-global protocol-version 2

sync ptp-global timestamp-mode one-step sync ptp-global max-global-session 44 sync ptp-global dscp 41

sync ptp-global ttl 255

1. Configure an IP interface. Note: The interface used below in on logical port 2.

classifiers classifier vlan501 filter-entry vtag-stack vtags 1 vlan-id 501 fds fd VLAN501 mode vpls

fps

fp VLAN501

stats-collection on fd-name VLAN501 logical-port 2

classifier-list-precedence 7 classifier-list vlan501

mtu-size 9216

egress-l2-transform push-vid-501 vlan-stack 1

push-tpid tpid-8100 push-vid 501

exit exit exit Exit

oc-if:interfaces interface if2 config name if2 vrfName default cn-if:type ip mtu 1500 admin-status true underlay-binding config fd VLAN501

oc-if:interfaces interface if2 ipv4 addresses address 20.20.20.1 config ip

20.20.20.1 prefix-length 24

1. Configure PTP outputs.

sync output-references ptp-output-reference PTP-Out interface if2 sync output-references ptp-output-reference PTP-Out max-grant-rate 64

sync output-references ptp-output-reference PTP-Out signalling on

***Expected Results:***

PTP outputs should be active.

show sync ptp output-references

+------------ SYNC PTP OUTPUT REFERENCES +

| Name | Interface | Oper State | PTP Port State |

+ + + + +

| PTP-Out | if2 | Up | Master |

+ + + + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments