* + 1. FAT PW Verification & Results

***Objective:***

Objective of this section is to provide a cli commands for verification of FAT PW status & results analysis. We will be using various alternate methods to verify, however at the moment there is no direct cli command available in 10.5.1 to verify FAT PW status. We will capture cli outputs from PE nodes PW.

***Procedure:***

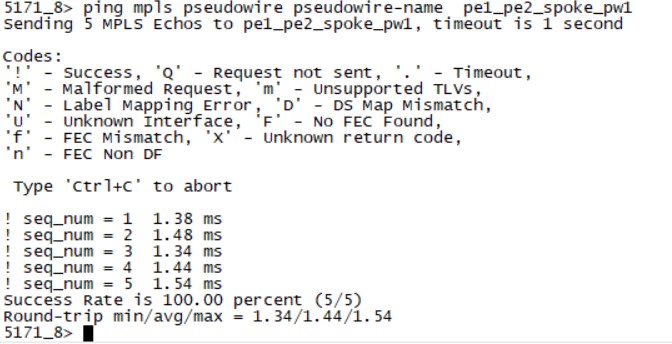
On PE nodes

***Verify PW status:***

Table

Description automatically generated

Ping response of PW



***Verify FAT signalling enable on node:***

A picture containing diagram

Description automatically generated

* On PE1 node the output of ettps shows an even spread of traffic on ingress direction of LAG ports 20 & 21, for traffic originated by ixia connected for pt 1 5 and destined towards ixia connected port 1 at PE2.

This uniform distribution of traffic along with wireshark snapshot of packet capture proves that 10x node is hashing traffic on two links of LAG for a L2VPN VPLS.

PE 1 ETTP stats

Table

Description automatically generated with low confidence

**PE 2 ETTP stats**

Table

Description automatically generated with low confidence

* Ingress Packet Capture taken on port 20 of PE2 node which shows the of FAT PW label (label 360 can be seen generated)

Graphical user interface, application, table, Excel

Description automatically generated

* For details of hashing algorithm works please refer to FAT PW Signaling capability 10.5 TOI topic, however in our test setup we are using ixia to create two different source MACs, which separates different traffic flows, essentially resulting in FAT label generation and efficient hashing. Snapshot setting from Ixia can be seen below

Graphical user interface, application

Description automatically generated

Test Case Results:

Passed: Yes No Verified by Date/Time Comments