draft-boutros-l2vpn-evpn-vpws-01.txt

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Changes from 00→ 01

- Added new authors, John and Jeff.
- Added a new attribute ESI Bandwidth attribute.

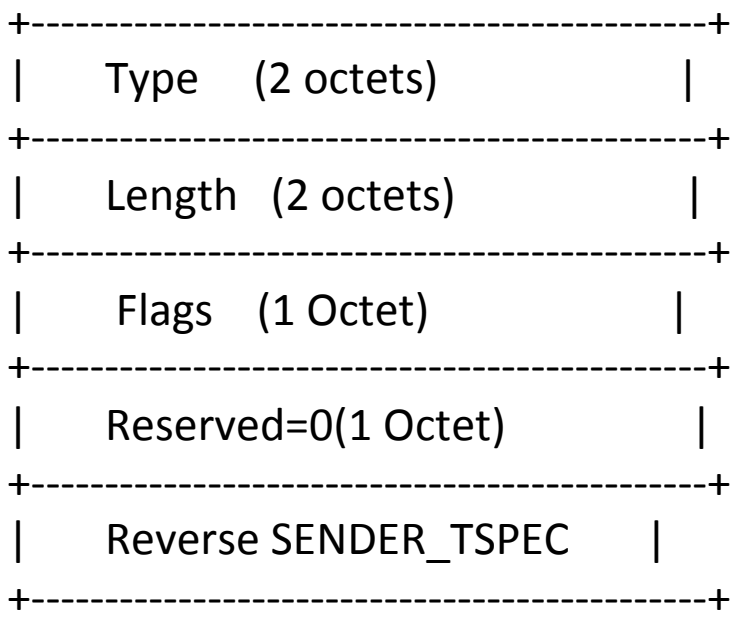
How it works?

- The EVPN ability to forward customer traffic to/from a given customer Attachment Circuit (aka Ethernet AD route) is ideal in providing P2P services (aka VPWS services).

- EVPL can be considered as a VPWS with only two ACs. Traffic forwarding capability of E-VPN between a pair of Ethernet AD routes is used.

- MPLS label associated with the destination Ether AD route can be used in forwarding user traffic to the destination AC.

ESI Bandwidth Attribute



The content of the SENDER_TSPEC are as defined in [RFC 2210] section 3.1.

The PE that receives this attribute MUST request the appropriate resources described in the SENDER_TSPEC from PSN.

In the case where PSN resources are not available, the receiving PE MUST re-send its local Ethernet AD routes for this with the Flags set to 1 "PSN Resources Unavailable".

Next steps

- Comments are appreciated.

Thank you