

draft-boutros-l2vpn-evpn-vpws-04.txt

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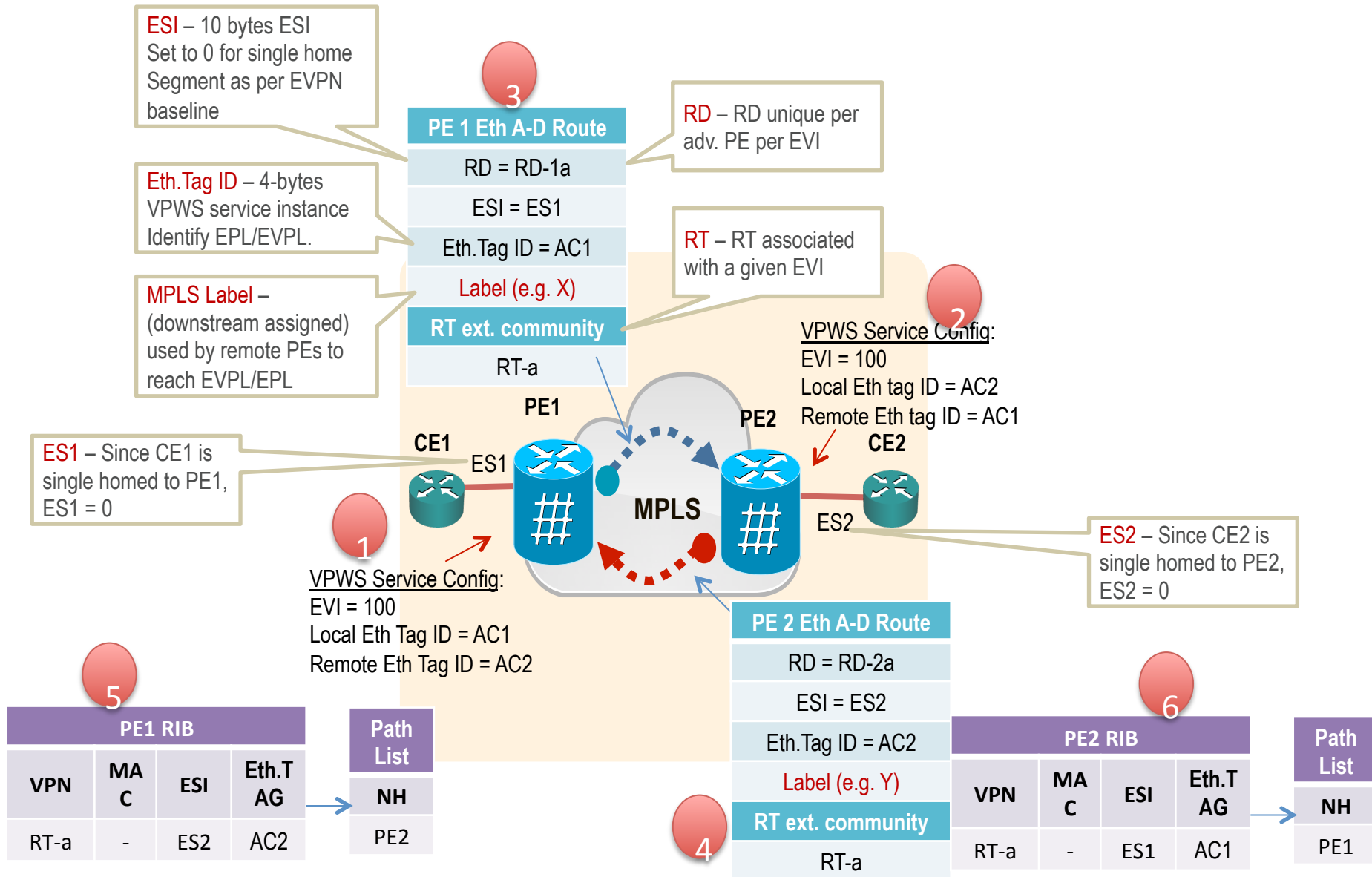
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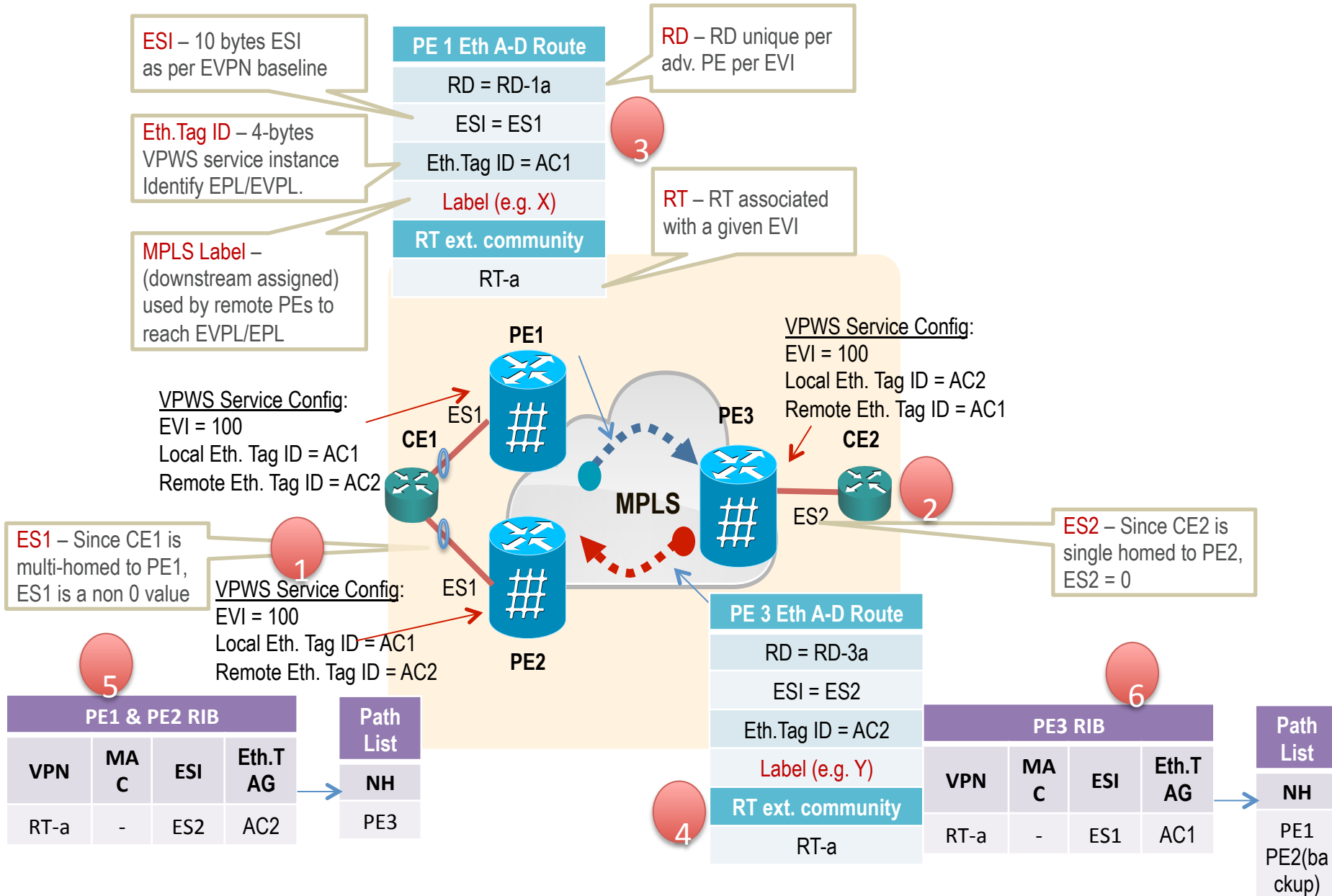
How it works?

- 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/EPL 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 will be used in forwarding user traffic to the destination AC.

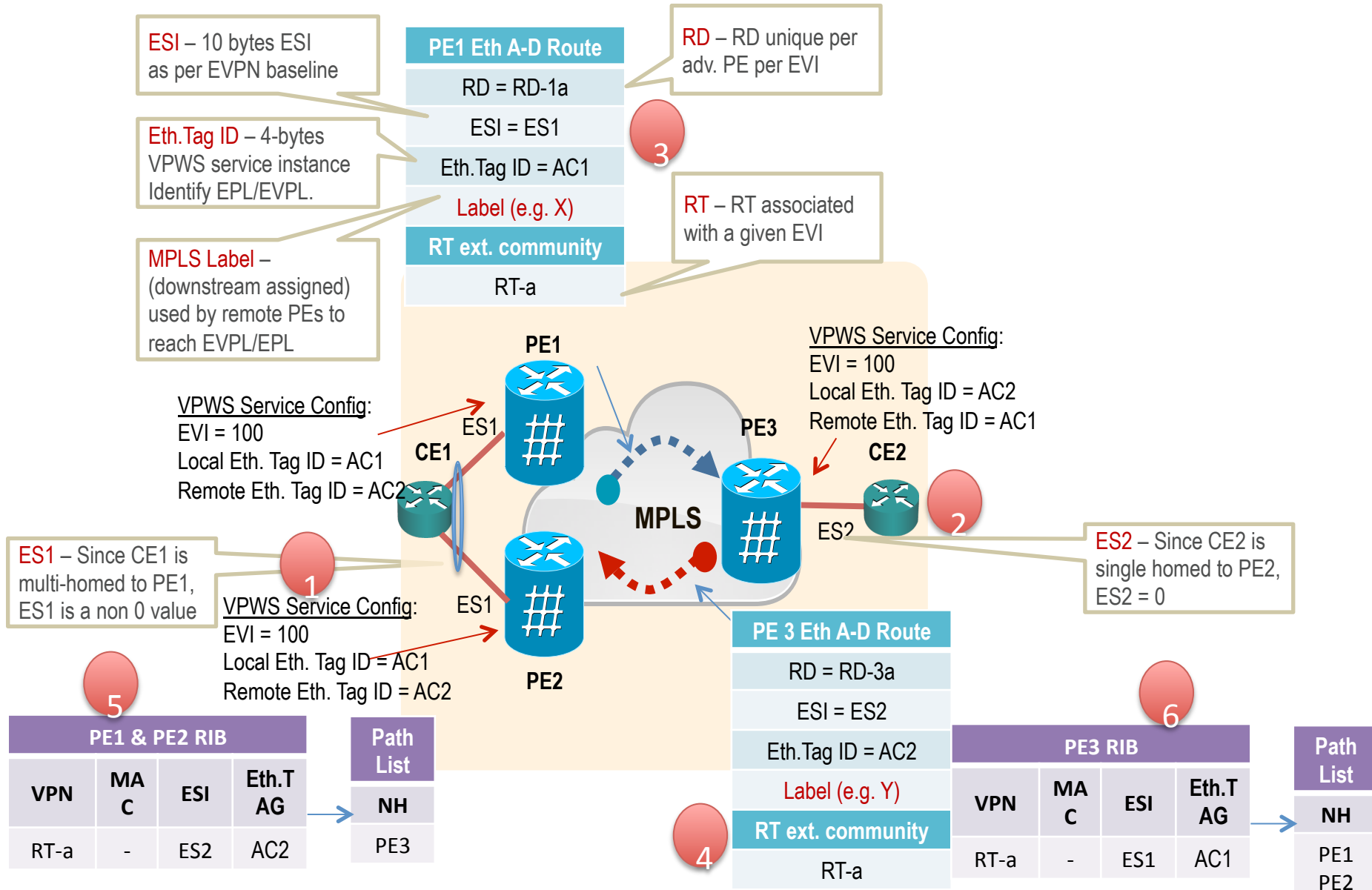
EVPN VPWS Operation – single-home



EVPN VPWS Operation – single-active



EVPN VPWS Operation – all-active



Changes from 02→04

- Added requirements sub-section.
- Added Patrice, Thomas and Dirk as authors.
- Clarified ESI value setting aligning with base EVPN.
 - ESI value will be set to 0 for single home.
 - ESI value will be non 0 for single active or all active.
- Clarified tag-id value setting in the Ethernet AD route.
 - Tag-id value will be set to a non 0 unique value per EVI scope for both EPL or EVPL services.
- VPWS with multiple site outside the scope of the document
- Acknowledged Wen Lin and Jose Liste contributions.

Next steps

- Authors believe that document is ready for WG adoption.

Thank you