

draft-boutros-l2vpn-evpn-vpws-06.txt

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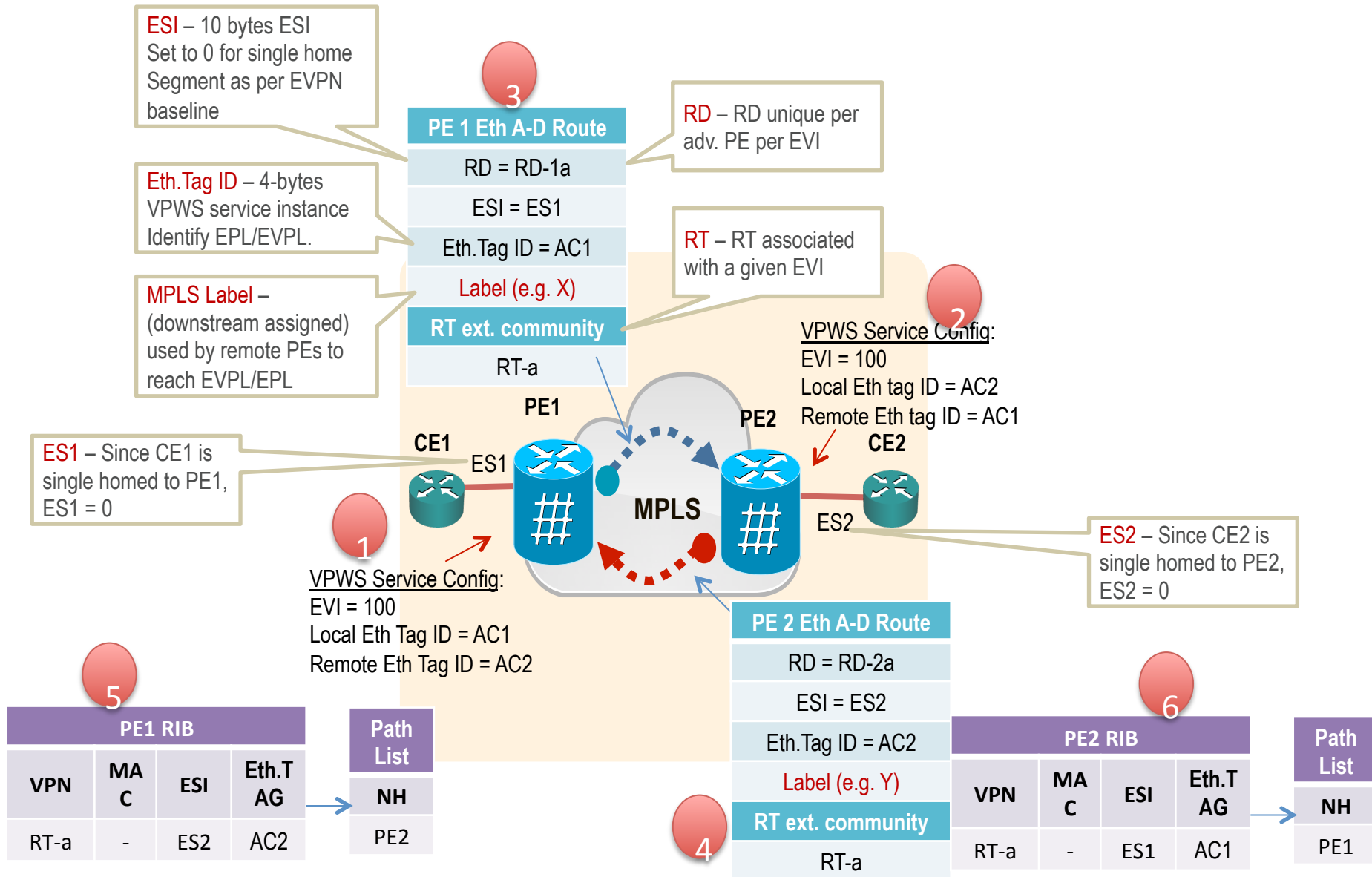
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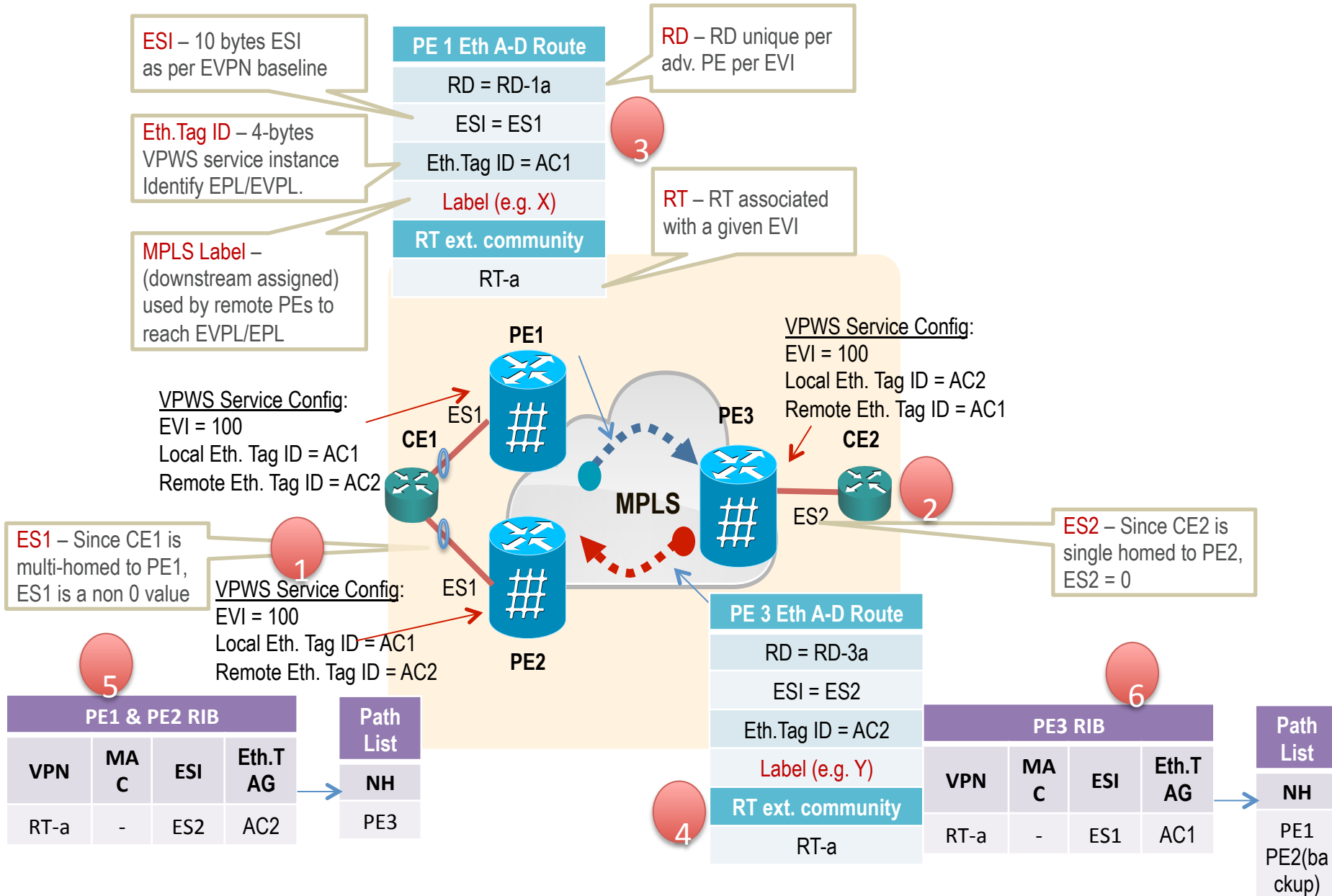
How it works?

- 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.

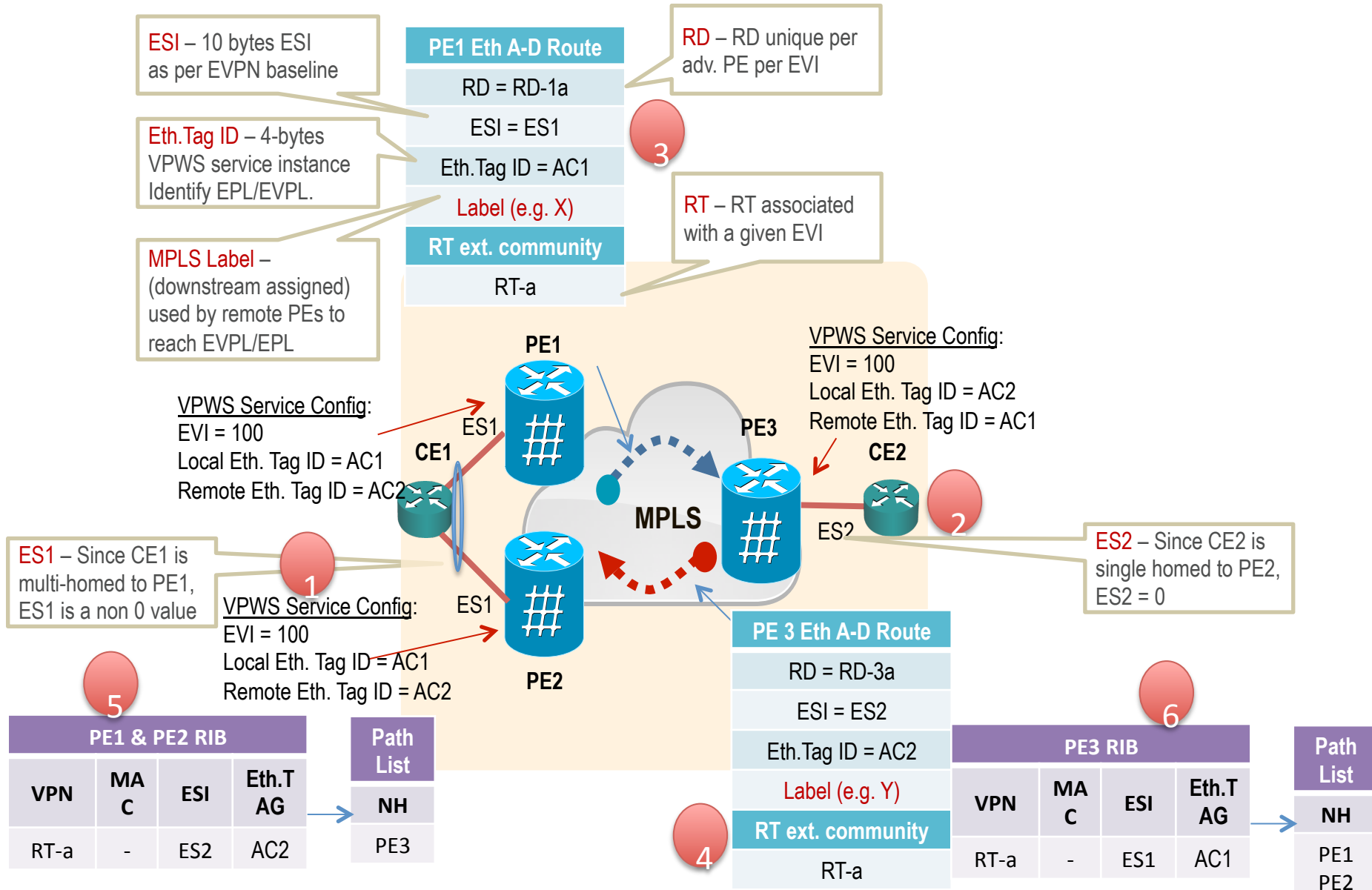
EVPN VPWS Operation – single-home



EVPN VPWS Operation – single-active



EVPN VPWS Operation – all-active



Changes from 04→ 06

- Added Jorge as author.
- Clarified the difference in use of Ethernet tag with standard EVPN in data plane.
- Added Failure Scenarios section to clarify:
 - Difference with standard EVPN on Link/port failure for single-homed Ethernet Segment.
 - Applicability of mass withdraw for multi-homed Ethernet Segment.

Next steps

- WG adoption.

Thank you