

EVPN Support for L3 Fast Convergence and Aliasing/Backup Path

draft-sajassi-bess-evpn-ip-aliasing-04

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Changes in revision 4

New co-author

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New use case in section “Ethernet Segments for Prefix routes in IP-VRF-to-IP-VRF use-cases”

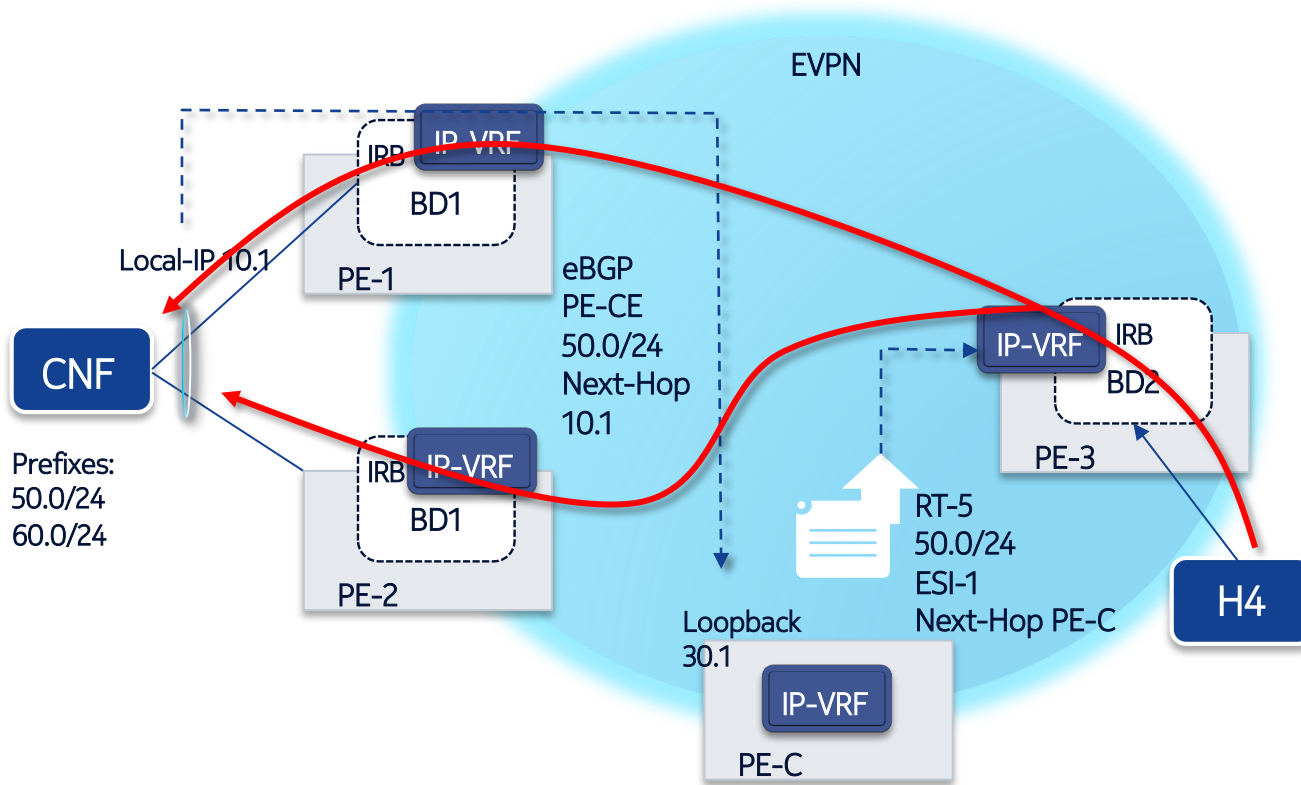
Centralized Routing Model

Other changes

- General clean-up and typo fixing
- References updated

Centralized Routing Model

Layer-3 Ethernet Segment Use-Case



Multi-hop eBGP sessions to a centralized PE

Simplifies the configuration of VNF/CNFs
 VNF/CNF prefixes advertised and imported by PE-C
 PE-C advertises the prefixes as RT-5

Layer-3 Eth Segment is attached to PE-1/PE-2/PE-C

And solves the hairpining issue
 RT-5 advertised with ESI-1
 A-D per ES/EVI routes for ESI-1 advertised from PE-1 and PE-2 but not PE-C
 (ES-1 state and A-D routes advertisement depends on the reachability of the CNF Local-IP via non-EVPN route)

Conclusions and next steps

The authors ask for WG adoption

Thank you