EVPN Support for L3 Fast Convergence and Aliasing/Backup Path

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

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IETF113, Mar 2022
Vienna
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