

LISP L2/L3 EID Mobility Using a Unified Control Plane

draft-ietf-lisp-eid-mobility-09

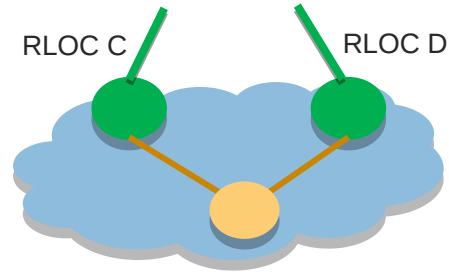
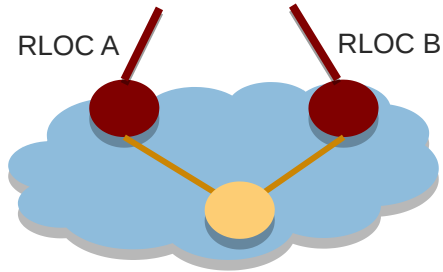
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Update

- No changes in the draft since last meeting
- Work on L2 multihoming support still in progress to complete the last section remaining in the document
- These slides address one discussion in the mailing list

Problem: how do we identify L2 multihoming groups?



During the last meeting there was a question on having a new identifier vs reusing an existing one (site-ID)

Use new identifier: ES-ID

- ES-ID (EthernetSegment ID): ES-ID is a 32 bit value used to uniquely identify a group of xTRs.
- Multihomed xTRs register ES-ID with RLOC so that the MS can aggregate the multiple RLOCs belonging to a common group.
 - This allows implementation of Designated Forwarder selection and Split Horizon solutions
- ES-ID can also be associated to EIDs via Map-Register
 - This solves aliasing in L2 multihoming detection

Comments, Questions