MPLS Interim #3, 2020

draft-kompella-mpls-larp

Kompella, Rajagopalan, <u>Thomas</u>

Good Progress on Implementation

- Working LARP prototype on Tungsten Fabric to enable MPLS over MPLS across computes in SDN solution.

- Basic LARP client and server prototype has been tested on Linux with MPLS data plane.

- LARP Server work on Juniper's routing stack is in progress.

- LARP Server work on FRR in progress.

To Do Items

- What if LARP client and multiple LARP servers are on the same LAN?

- How can a client refresh an LARP binding? How can a server withdraw a binding?
  - How to clean up client/server state wrt an LARP binding?

- Clarify the use of LARP for IPv6 addresses
  - It's pretty clear; just need consensus on the approach

Promote to WG document?

- There are a few technical problems to solve, but the overall architecture and approach seems pretty sound

- There is interest from SPs and others to deploy MPLS in the data center, and to allow compute servers to connect to the MPLS fabric

- The authors believe that the document is ready for WG adoption