MPLS Interim #3, 2020

draft-kompella-mpls-larp

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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