

Label Switched Path (LSP) Ping/Trace Multipath Support for Link Aggregation Group (LAG) Interfaces

draft-ietf-mpls-lsp-ping-lag-multipath-02

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The History

- Individual 00-version submitted in 2014
- Quite a lot of discussions and updates from 00 to 05
 - All outstanding issues and received comments are addressed
- Adopted as WG draft at end of 2014
- 2017, new editor (Mach Chen) joined to move it forward

LSP Ping/Trace for LAG Recall

- Why
 - Motivated by issue encountered in live network
 - To validate whether an LSP is traversed over a specific member link of a LAG
- How
 - Discover all member links and relevant information of a LAG, by using
 - DDMAP TLV, for responder LSR to return multipath info and interface index of each member link of LAG
 - Detailed Interface and Label Stack TLV, for responder LSR to return incoming Label Stack and interface index of incoming LAG member
 - Validate LSP traversal on each/specified member link, by using
 - DDMAP TLV, carry the multipath info and interface index of a specified member link to validate whether a LSP is traversed over the specified member link

Updates Since Adopted

- No substantial updates
- Mainly editorial changes and reference updates

Next steps

- Appreciate more WG reviews
- WG Last Call?

Thanks