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