Clarify BFD Session Bootstrap over MPLS LSP

draft-mirsky-mpls-bfd-bootstrap-clarify

Greg Mirsky

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Bootstrap BFD session over MPLS LSP

• Because of PHP RFC 5884 defined how to use LSP Ping to bootstrap BFD session
• RFC 5884 does not specify Reply mode setting when LSP Ping is used to bootstrap BFD session
• RFC 5884 requires that the egress LER sends its BFD control packet first if MPLS LSP Echo reply, if any required
• RFC 5884 does not specify how the ingress LER MAY handle BFD Discriminator TLV if one included in the MPLS LSP Echo reply sent by the egress LER
• Extensive discussion triggered by the Erratta on RFC 5884 directly related to the bootstrapping process
Proposed clarification

• **Sender:**
  - Ingress LER SHOULD set Reply mode to “No reply”

• **Responder:**
  - Egress LER SHOULD NOT include BFD Discriminator TLV in MPLS LSP Echo reply
    or
  - Ingress LER MUST ignore BFD Discriminator TLV if present in MPLS LSP Echo reply
Next steps

• Your comments, suggestions, questions always welcome and greatly appreciated

• How to handle?
  – Erratta
  – 5884bis
  – Draft
  – None of the above