MPLS Working Group

MPLS Session:
Monday, March 8, 2021 13:00-15:00 (UTC+1)
Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

• BCP 9 (Internet Standards Process)
• BCP 25 (Working Group processes)
• BCP 25 (Anti-Harassment Procedures)
• BCP 54 (Code of Conduct)
• BCP 78 (Copyright)
• BCP 79 (Patents, Participation)
• https://www.ietf.org/privacy-policy/ (Privacy Policy)
Administrative

• Blue Sheet
  – Blue sheets will be automatically generated when you login into the Meetecho

• Jabber:
  – xmpp: mpls@jabber.ietf.org?join

• Minutes Taking:

• Agenda at:

• Slides at:
  – https://datatracker.ietf.org/meeting/110/session/mpls

• Data tracker:
  – http://datatracker.ietf.org/wg/mpls
1. Administrivia & WG Status  
   - Speaker: WG Chairs, 10 (mins)

2. A YANG Model for MPLS MSD  
   - Speaker: Yingzhen Qu (10 mins)

3. Egress TLV for Nil FEC in Label Switched Path Ping and Traceroute Mechanisms  
   - Speaker: Deepti N Rathi (10 mins)

4. PMS/Head-end based MPLS Ping and Traceroute in Inter-domain SR Networks  
   - Draft: https://datatracker.ietf.org/doc/draft-ninan-mpls-spring-inter-domain-oam  
   - Speaker: Shraddha/Kapil (5 mins)

5. LSP Ping/Traceroute for Prefix SID in Presence of Multi-Algorithm/Multi-Topology Networks  
   - Draft: https://datatracker.ietf.org/doc/draft-iqbal-spring-mpls-ping-algo  
   - Speaker: Nagendra Kumar Nainar (10 mins)
6. MPLS-based Service Function Path(SFP) Consistency Verification
   – Speaker: Yao Liu (10 mins)

7. MPLS Data Plane Encapsulation for In-situ OAM Data
   – Will be discussed in joint meeting, focus the aspects not discussed in the joint meeting
   – Speaker: Rakesh Gandhi (10 mins)

8. Carrying Virtual Transport Network Identifier in MPLS Packet
   – Speaker: Jie Dong (10 mins)

   – Speaker: Bruno Decraene (10 mins)
10. Multi-purpose Special Purpose Label for Forwarding Actions
   - Will discussed in joint meeting, focus the aspects not discussed in the joint meeting
   - Draft: https://datatracker.ietf.org/doc/draft-kompella-mpls-mspl4fa/
   - Speaker: Kireeti Kompella (10 mins)

11. Generic Delivery Functions
   - Will discussed in joint meeting, focus the aspects not discussed in the joint meeting
   - Speaker: Jeffrey Zhang (10 mins)
WG Status (Errata)

• [Technical Errata Reported] RFC5654 (6434)

  • Section: 2.4
  • Original Text:
    – An MPLS-TP control plane MUST support operation of the recovery functions described in Section 2.8.
  • Corrected Text
    – An MPLS-TP control plane MUST support operation of the recovery functions described in <relevant section>.
WG Status (Liaisons)

- **Liaisons** (since last meeting) – **from MPLS**:
  - None

- **Liaisons** (since last meeting) – **to MPLS**:
  - None
Document Status
Since IETF109

*** New RFCs
- RFC 8960 (A YANG Data Model for MPLS Base)
- RFC 8957 (Synonymous Flow Label Framework)

*** Docs in RFC Ed
- draft-ietf-mpls-ldp-yang-09 (MISSREF)
- draft-ietf-mpls-spl-terminology

*** Docs in IESG
- draft-ietf-mpls-lsp-ping-registries-update (IESG Evaluation)
- draft-ietf-mpls-rfc6374-sfl (Waiting for Writeup)

*** New WG Docs
- draft-ietf-mpls-inband-pm-encapsulation
- draft-ietf-mpls-sfl-control
Document Status
Since IETF109

*** Updated WG Docs
- draft-ietf-mpls-bfd-directed-16
- draft-ietf-mpls-lsp-ping-ospfv3-codepoint-04
- draft-ietf-mpls-rfc6374-sr-01
- draft-ietf-mpls-ri-rsvp-frr-10

*** Recently Expired
- draft-ietf-mpls-ldp-rmr-extensions-03
- draft-ietf-mpls-mldp-yang-07
*** New Individual Docs
- draftandersson-mpls-iana-registries-structure
- draft-decraene-mpls-slid-encoded-entropy-label-id-01
- draft-kompella-mpls-mspl4fa-00
- draft-li-mpls-enhanced-vpn-vtn-id-00
- draft-qu-mpls-mpls-msd-yang-00
- draft-mirsky-mpls-bfd-bootstrap-clarify-01
Document Status
Since IETF 109

- **Updated Individual Docs**
  - draft-chandra-mpls-rsvp-shared-labels-np-05
  - draft-gandhi-mpls-ioam-sr
  - draft-han-mpls-sdi-sr-01
  - draft-kompella-mpls-larp-09
  - draft-lm-mpls-sfc-path-verification-02
  - draft-mirsky-mpls-p2mp-bfd-13
  - draft-nainar-mpls-lsp-ping-yang-01
  - draft-rathi-mpls-egress-tlv-for-nil-fec-04
  - draft-wijnands-mpls-mldp-multi-topology-01
  - draft-xu-mpls-payload-protocol-identifier-08
Document Status
Since IETF 109

- **Alive Individual Docs without Update**
  - draft-gao-mpls-teas-rsvpte-state-update-02
  - draft-kompella-mpls-nffrr-01
  - draft-nainar-mpls-spring-lsp-ping-sr-generic-sid-04
  - draft-ninan-mpls-spring-inter-domain-oam
  - draft-xp-mpls-spring-lsp-ping-path-sid-00
  - draft-yang-mpls-ps-sdi-sr