

IETF 110 – Virtual Online Meeting
March 2021



MPLS Working Group

MPLS Session:

Monday, March 8, 2021 13:00-15:00 (UTC+1)

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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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)



I E T F

Administrative

- Blue Sheet
 - Blue sheets will be automatically generated when you login into the Meetecho
- Jabber:
 - xmpp:[mpls@jabber.ietf.org?join](xmpp:mpls@jabber.ietf.org?join)
- Minutes Taking:
 - <https://codimd.ietf.org/notes-ietf-110-mpls>
- Agenda at:
 - <https://tools.ietf.org/wg/mpls/agenda-110-mpls>
- Slides at:
 - <https://datatracker.ietf.org/meeting/110/session/mpls>
- Data tracker:
 - <http://datatracker.ietf.org/wg/mpls>

Agenda Bashing

1. Administrivia & WG Status

- Speaker: WG Chairs, 10 (mins)

2. A YANG Model for MPLS MSD

- Draft: <https://datatracker.ietf.org/doc/draft-qu-mpls-mpls-msd-yang/>
- Speaker: Yingzhen Qu (10 mins)

3. Egress TLV for Nil FEC in Label Switched Path Ping and Traceroute Mechanisms

- Draft: <https://datatracker.ietf.org/doc/draft-rathi-mpls-egress-tlv-for-nil-fec/>
- 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)

Agenda Bashing (cont.)

6. MPLS-based Service Function Path(SFP) Consistency Verification

- Draft: <https://datatracker.ietf.org/doc/draft-lm-mpls-sfc-path-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
- Draft: <https://datatracker.ietf.org/doc/draft-gandhi-mpls-ioam-sr/>
- Speaker: Rakesh Gandhi (10 mins)

8. Carrying Virtual Transport Network Identifier in MPLS Packet

- Draft: <https://datatracker.ietf.org/doc/draft-li-mpls-enhanced-vpn-vtn-id/>
- Speaker: Jie Dong (10 mins)

9. Using Entropy Label for Network Slice Identification in MPLS networks

- Draft: <https://datatracker.ietf.org/doc/draft-decraene-mpls-slid-encoded-entropy-label-id/>
- Speaker: Bruno Decraene (10 mins)

Agenda Bashing (cont.)

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
- Draft: <https://datatracker.ietf.org/doc/draft-zzhang-intarea-generic-delivery-functions/>
- 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

On the agenda



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

Document Status

Since IETF109



On the agenda

*** New Individual Docs

- [draft-andersson-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



On the agenda

- **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



On the agenda

- **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