IETF 116 MPLS WG Status Update
IETF 116 (Yokohama & Online) – March 2023

WG Chairs:
  Tarek Saad
  Loa Andersson
  Nic Leymann

Secretary:
  Mach Chen

This session is being recorded
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.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
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- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
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- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam) if you have questions or concerns about this.

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)
Blue Sheet
- Blue sheets will be automatically generated when you login into the Meetecho

Zulip:
- https://zulip.ietf.org/#narrow/stream/118-mpls

Minutes Taking:

MPLS Session Agenda at:

Materials/Slides at:
- https://datatracker.ietf.org/meeting/116/session/mpls

Data tracker:
- http://datatracker.ietf.org/wg/mpls

MPLS WG Wiki:
- https://wiki.ietf.org/group/mpls

MPLS WG Github:
- https://github.com/ietf-wg-mpls/drafts
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| **1.** | WG Status Update (Agenda Bashing) - 15:30  
- Duration: 10 mins  
- Presenter: WG Chairs |
| **2.** | State-updating mechanism in RSVP-TE for MPLS network - 15:40  
- Duration: 10 mins  
- Presenter: David Dai |
| **3.** | Clarifying Use of LSP Ping to Bootstrap BFD over MPLS LSP - 15:50  
- Duration: 10 mins  
- Presenter: Greg Mirsky |
| **4.** | Simple Two-way Active Measurement Protocol (STAMP) for MPLS Label Switched Paths (LSPs) - 16:00  
- Duration: 10 mins  
- Presenter: Greg Mirsky |
5. mLDP/RSP-TE P2MP Tunnel with SRv6 SID - Start Time: 16:10
   ○ ID: https://datatracker.ietf.org/doc/draft-zzhang-mpls-mldp-rsvp-p2mp-srv6-01
   ○ Duration: 10 mins
   ○ Presenter: Jeffrey Zhang

6. MNA for Performance Measurement with Alternate Marking Method & Encapsulation For MPLS
   Performance Measurement with Alternate Marking Method - Start Time: 16:20
   ○ ID: https://datatracker.ietf.org/doc/draft-cx-mpls-mna-inband-pm-00
   ○ ID: https://datatracker.ietf.org/doc/draft-ietf-mpls-inband-pm-encapsulation-05
   ○ Duration: 10 mins
   ○ Presenter: Weiqiang Cheng
WG Status (Errata, 1/1)

- No Errata reported.
WG Status (Liaisons)

• Liaisons (since last meeting) – from MPLS:
  • None.

• Liaisons (since last meeting) – to MPLS:
  • None
Document Status
(Since IETF115)

- **New RFCs**
  - None

- **Docs in RFC Ed**

- **Docs in IESG**
  - draft-ietf-mpls-sfl-control-03
  - draft-ietf-mpls-ri-rsvp-frr-14

- **New WG Docs**
  - draft-ietf-mpls-mna-hdr-01 [Joint Session]
  - draft-ietf-mpls-1stnibble-00
  - draft-ietf-mpls-lsipping-norao-01
Document Status (Since IETF115)

- *** Updated WG Docs
  - draft-ietf-mpls-bfd-directed-21
  - draft-ietf-mpls-egress-tlv-for-nil-fec-05
  - draft-ietf-mpls-inband-pm-encapsulation-05
  - draft-ietf-mpls-mldp-multi-topology-02
  - draft-ietf-mpls-mna-fwk-03
  - draft-ietf-mpls-mna-usecases-02
  - draft-ietf-mpls-p2mp-bfd-04
  - draft-ietf-mpls-rfc6374-sr-07
  - draft-ietf-mpls-spring-inter-domain-oam-04
  - draft-ietf-mpls-sr-epe-oam-08

- *** Alive WG Docs without Update
  - draft-ietf-mpls-mna-requirements-04
  - draft-ietf-mpls-mpls-msd-yang-00

- *** Recently Expired
  - On the agenda
Document Status
(Since IETF115)

- *** New Individual Docs
  - draft-cx-mpls-mna-inband-pm-00 *(Joint Session)*
  - draft-jags-mpls-ps-mna-hdr-00 *(Joint Session)*
  - draft-song-mpls-flag-based-opt-01 *(Joint Session)*
  - draft-song-mpls-sr-eh-00
  - draft-zzhang-mpls-mldp-rsvp-p2mp-srv6-01
Document Status
(Since IETF115)

- Alive Individual Docs
  - draft-andersson-mpls-mna-label-stack-operations-00
  - draft-andersson-mpls-mna-operation-architecture-00
  - draft-decraene-mpls-slid-encoded-entropy-label-id-05
  - draft-farrel-mpls-forwarder-poll-response-01
  - draft-gandhi-mpls-ioam-10 *(Joint Session)*
  - draft-gandhi-mpls-stamp-pw-03
  - draft-gao-mpls-teas-rsvpte-state-update-05
  - draft-han-mpls-sdi-sr-04
  - draft-li-mpls-enhanced-vpn-vtn-id-03
  - draft-li-mpls-mna-entropy-00
  - draft-li-mpls-mna-fas-00
Document Status
(Since IETF115)

- **Alive Individual Docs**
  - draft-li-mpls-mna-nffrr-01
  - draft-liu-mpls-lsp-ping-nrp-01
  - draft-mb-mpls-ioam-dex-02 *(Joint Session)*
  - draft-mirsky-mpls-bfd-bootstrap-clarify-03
  - draft-nainar-mpls-lsp-ping-yang-04
  - draft-song-mpls-eh-indicator-06
  - draft-song-mpls-extension-header-11
  - draft-xiao-mpls-lsp-ping-ioam-conf-state-00
  - draft-xp-mpls-spring-lsp-ping-path-sid-06
Editors and pen-holders

- **Pen-holder** is someone that does the updates on an individual draft. It is assumed that this is agreed upon by the group of authors.

- **Editors (Ed)** for individual documents is *not really* applicable, but no big deal if editors are listed.

- **Editors (Ed)** for WG documents are appointed by the WG chairs. There might be several reasons why an editor is appointed, for example a draft may have stalled. Anyone with the right skills might be picked as editor, not necessarily a previous author.

- **Tasks of an editor**, point of contact for the WG chairs and shepherd, make sure that the draft is progressed, concerned about the consensus of the WG and authors.