

IETF 113 MPLS WG Status Update

IETF 113 (Vienna & Online) – March 2022

WG Chairs:

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This session is being recorded

Internet Engineering Task Force

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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)



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-113-mpls>
- **MPLS Session Agenda at:**
 - <https://datatracker.ietf.org/doc/agenda-113-mpls>
- **Materials/Slides at:**
 - <https://datatracker.ietf.org/meeting/113/session/mpls>
- **Data tracker:**
 - <http://datatracker.ietf.org/wg/mpls>
- **MPLS WG Wiki:**
 - <https://trac.ietf.org/trac/mpls/wiki>
- **MPLS WG Github:**
 - <https://github.com/ietf-wg-mpls/drafts>

Agenda Bashing (1/2)

- **Chairs Intro (Agenda Bashing) - Start Time: 13:00**
 - Duration: 5 mins
 - WG Chairs
- **MPLS Data Plane Encapsulation for In-situ OAM Data - Start Time: 13:05**
 - ID: <https://datatracker.ietf.org/doc/draft-gandhi-mpls-ioam/>
 - Duration: 10 mins
 - Presenter: Rakesh
- **Label Switched Path (LSP) Ping for Segment Routing (SR) Path Segment Identifiers (SIDs) with MPLS Data Planes - Start Time: 13:15**
 - ID: <https://datatracker.ietf.org/doc/draft-xp-mpls-spring-lsp-ping-path-sid/>
 - Duration: 10 mins
 - Presenter: Xiao Min
- **Deprecating the Use of Router Alert in LSP Ping - Start Time: 13:25**
 - ID: <https://datatracker.ietf.org/doc/draft-kompella-mpls-lsp-ping-norao/>
 - Duration: 10 mins
 - Presenter: Kireeti

Agenda Bashing (2/2)

- **Policy on MPLS Special Purpose Labels Reuse - Start Time: 13:35**
 - Duration: 10 mins
 - Presenter: Tony Li

- **MPLS Extension Header: - Start Time: 13:45**
 - IDs
 - <https://datatracker.ietf.org/doc/draft-song-mpls-extension-header>
 - <https://datatracker.ietf.org/doc/draft-song-mpls-eh-indicator>
 - <https://datatracker.ietf.org/doc/draft-andersson-mpls-eh-label-stack-operations>
 - <https://datatracker.ietf.org/doc/draft-andersson-mpls-eh-architecture>
 - Duration: 15 mins
 - Presenter: Haoyu Song

WG Status (Errata)

[Technical Errata Reported][6754]

RFC6512, Section: 3.2.1

✓ Original Text

PE1 also has this Inter-AS I-PMSI A-D route.

✓ Corrected Text

PE1 also has this Intra-AS I-PMSI A-D route.

✓ Notes

"PE1 also has this route" refers to "Although ASBR1 does not have a route to PE2, it does have a BGP Intra-AS Inclusive PMSI (I-PMSI) auto-discovery (A-D) route". Intra-AS mechanisms are used for auto-discovery/binding for Non-Segmented Inter-AS Tunnels.

Document Status

(Since IETF112)

- ***** New RFCs**
 - RFC 9097 (YANG Data Model for MPLS LDP)
- ***** Docs in RFC Ed**
 - draft-ietf-mpls-rfc6374-sfl-10 ([MISSREF](#)) Waiting on I-D.draft-ietf-mpls-sfl-control
 - draft-ietf-mpls-lsp-ping-ospfv3-codepoint-06([AUTH48](#))
- ***** Docs in IESG** □
 - None
- ***** New WG Docs**
 - draft-ietf-mpls-p2mp-bfd-01



Document Status

(Since IETF112)

- ***** Updated WG Docs**

- draft-ietf-mpls-bfd-directed-19
- draft-ietf-mpls-egress-tlv-for-nil-fec-03
- draft-ietf-mpls-mldp-yang-10
- draft-ietf-mpls-rfc6374-sr-05
- draft-ietf-mpls-ri-rsvp-frr-12
- draft-ietf-mpls-sfl-control-02
- draft-ietf-mpls-spring-inter-domain-oam-02
- draft-ietf-mpls-sr-epe-oam-04

- ***** Alive WG Docs without Update**

- draft-ietf-mpls-inband-pm-encapsulation-02

- ***** Recently Expired**

- draft-ietf-mpls-static-yang-13



Document Status

(Since IETF112)

- ***** New Individual Docs (Open DT outputs)**
 - [draft-andersson-mpls-miad-fwk-01](#) - (Joint Session)
 - [draft-saad-mpls-miad-usecases-01](#) - (Joint Session)
 - [draft-kompella-mpls-lspping-norao-00](#)
 - [draft-jags-mpls-ext-hdr-00](#) - (Joint Session) Replace [draft-jags-mpls-ext-hdr-entropy-lbl](#)



Document Status

(Since IETF112)

- **Alive Individual Docs**

- draft-andersson-mpls-eh-architecture-02
- draft-andersson-mpls-eh-label-stack-operations-02
- [draft-bocci-mpls-miad-adi-requirements-02](#) - (Joint Session)
- draft-bryant-mpls-aux-data-pointer-01
- [draft-decraene-mpls-slid-encoded-entropy-label-id-02](#) - (Joint Session)
- [draft-gandhi-mpls-ioam-04](#)
- draft-gandhi-mpls-stamp-pw-01
- draft-gao-mpls-teas-rsvpte-state-update-04
- draft-kompella-mpls-larp-06 (WG Adoption Polling)
- draft-kompella-mpls-mspl4fa-01 (Joint Session)
- draft-kbbma-mpls-1stnibble-00 (Joint Session)



Document Status

(Since IETF112)

- **Alive Individual Docs**
 - draft-nainar-mpls-lsp-ping-yang-02
 - draft-nainar-mpls-spring-lsp-ping-sr-generic-sid-06
 - draft-qu-mpls-mpls-msd-yang-03
 - draft-song-mpls-eh-indicator-04
 - draft-song-mpls-extension-header-06
 - draft-wijnands-mpls-mldp-multi-topology-04
 - draft-xp-mpls-spring-lsp-ping-path-sid-03

