

MPLS WG Status Update

IETF 122 (Bangkok & Online) – March 2025

WG Chairs:

Tarek Saad

Nic Leymann

Tony Li

Secretary :

Mach Chen

This session is being recorded

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
- **Zulip:**
 - <https://zulip.ietf.org/#narrow/stream/122-mpls>
- **Minutes Taking:**
 - <https://codimd.ietf.org/notes-ietf-122-mpls>
- **MPLS Session Agenda at:**
 - <https://datatracker.ietf.org/doc/agenda-122-mpls>
- **Materials/Slides at:**
 - <https://datatracker.ietf.org/meeting/122/session/mpls>
- **Datatracker:**
 - <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>

Agenda Bashing (1/1)

1. WG Status Update (Agenda Bashing) - 13:00

- Duration: 10 mins
- Presenter: WG Chairs

2. LSP Ping/Traceroute for Enabled In-situ OAM Capabilities - 13:10

- ID: <https://datatracker.ietf.org/doc/draft-xiao-mpls-lsp-ping-ioam-conf-state>
- Duration: 10 mins
- Presenter: Xiao Min

3. Simple Two-way Active Measurement Protocol (STAMP) for MPLS Label Switched Paths (LSPs) - 13:20

- ID: <https://datatracker.ietf.org/doc/draft-mirsky-mpls-stamp>
- Duration: 10 mins
- Presenter: Greg Mirsky

4. Supporting In Situ Operations, Administration and Maintenance Using MPLS Network Actions - 13:30

- ID: <https://datatracker.ietf.org/doc/draft-ietf-mpls-mna-ioam>
- Duration: 10 mins

WG Status (Errata, 1/1) (Since IETF121)

[Technical Errata Reported] 7944, reported by: Erik Kline
RFC8960

✓ Original Text

Section 2.5 says:

```
grouping nhlfe-single-contents {  
  description
```

"A grouping that describes a single Next Hop Label Forwarding

Entry (NHLFE) and its associated parameters as described in

the MPLS architecture. This grouping is specific to the case

when a single next hop is associated with the route.";

```
  uses rt-types:mpls-label-stack;
```

✓ Suggested Text

```
grouping nhlfe-single-contents {  
  description
```

"A grouping that describes a single Next Hop Label Forwarding Entry (NHLFE) and its associated parameters as described in the MPLS architecture. This grouping is specific to the case when a single next hop is associated with the route.";

<some reference to an mpls-operations-type>

```
  uses rt-types:mpls-label-stack;
```

```
}
```

WG Status (Liaisons) (Since IETF121)

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

Document Status (Since IETF121)

● *** New RFCs

- RFC 9655 (Egress Validation in Label Switched Path Ping and Traceroute Mechanisms)
- RFC 9658 (Multipoint LDP Extensions for Multi-Topology Routing)
- RFC9702 (YANG Data Model for Maximum Segment Identifier (SID) Depth (MSD) Types and MPLS MSD)
- RFC 9703 (Label Switched Path (LSP) Ping/Traceroute for Segment Routing (SR) Egress Peer Engineering (EPE) Segment Identifiers (SIDs) with MPLS Data Plane)
- RFC9714 (Encapsulation for MPLS Performance Measurement with the Alternate-Marking Method)
- RFC9716 (Mechanisms for MPLS Ping and Traceroute Procedures in Inter-Domain Segment Routing Networks)



Document Status (Since IETF121)

- ***** Docs in RFC Ed**

- [draft-ietf-mpls-p2mp-bfd-11](#)
- [draft-ietf-mpls-mna-fwk-15](#)
- [draft-ietf-mpls-1stnibble-13](#)
- [draft-ietf-mpls-rfc6374-sr-17](#)
- [draft-ietf-mpls-mna-usecases-15](#)
- [draft-ietf-mpls-ri-rsvp-frr-22](#)



Document Status (Since IETF121)

- ***** Docs in IESG**
 - [draft-ietf-mpls-spring-lsp-ping-path-sid-03](#) (***Publication Requested***)



Document Status

(Since IETF121)

- ***** New WG Docs**

- [draft-ietf-mpls-mna-ioam-01](#)
- [draft-ietf-mpls-ps-mna-hdr-00](#) (Authors needs to address outstanding issues before moving forward)
- [draft-ietf-mpls-stamp-pw-00](#)



Document Status (Since IETF121)

- ***** Updated WG Docs**

- [draft-ietf-mpls-mna-hdr-12](#) (Working in progress, intended status changed back to PS)
- [draft-ietf-mpls-mldp-yang-12](#) (Ready for LC?)



Document Status (Since IETF121)

- ***** Alive WG Docs without Update**
 - None.
- ***** *Recently Expired***
 - None.



Document Status (Since IETF121)

- ***** New Individual Docs**
 - None.



Document Status (Since IETF121)

● **Alive Individual Docs**

- [draft-cx-mpls-mna-inband-pm-06](#)
- [draft-sxg-mpls-mna-deterministic-latency-02](#)
- [draft-mirsky-mpls-stamp-12](#)
- [draft-song-mpls-flag-based-opt-05](#)
- [draft-lin-mpls-ldp-holdtimer-03](#)
- [draft-li-mpls-enhanced-vpn-vtn-id-05](#)
- [draft-li-mpls-mna-nrp-selector-02](#)
- [draft-varmir-mpls-detnet-mna-01](#)
- [draft-andersson-mpls-rfc8029-lsp-ping-naming-01](#)
- [draft-ihle-mpls-mna-stateless-egress-protection-00](#)
- [draft-xiao-mpls-lsp-ping-ioam-conf-state-04](#)