

# MPLS WG Status Update

IETF 125 (Shenzhen & Online) – March 2026

## **WG Chairs:**

Tarek Saad

Tony Li

Adrian Farrel

## **Secretary :**

Mach Chen

**This session is being recorded**

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For advice, please talk to Working Group chairs or Area Directors.

# Administrative

- **Blue Sheet**
  - Blue sheets will be automatically generated when you login into the Meetecho
- **Zulip:**
  - <https://zulip.ietf.org/#narrow/stream/125-mpls>
- **Minutes Taking:**
  - <https://codimd.ietf.org/notes-ietf-125-mpls>
- **MPLS Session Agenda at:**
  - <https://datatracker.ietf.org/doc/agenda-125-mpls>
- **Materials/Slides at:**
  - <https://datatracker.ietf.org/meeting/125/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 (1/2)

## 1. WG Status Update (Agenda Bashing) - 16:30

- Duration: 10 mins
- Presenter: WG Chairs

## 2. Carrying NRP related Information in MPLS Packets - 16:40

- ID: <https://datatracker.ietf.org/doc/draft-ietf-mpls-mna-psd-nrp-selector>
- Duration: 5 mins
- Presenter: Jie Dong

## 3. Simple Two-Way Active Measurement Protocol (STAMP) Extensions for Reflecting STAMP Packet MPLS Extension Headers - 16:45

- ID: <https://datatracker.ietf.org/doc/draft-gandhi-ippm-stamp-mpls-hdr>
- Duration: 10 mins
- Presenter: Rakesh Gandhi

## 4. Supplement of BGP-LS Distribution for SR Policies and State - 16:55

- ID: <https://datatracker.ietf.org/doc/draft-lp-idr-bgp-ls-sr-policy-supplement>
- Duration: 5 mins
- Presenter: Yao Liu

# Agenda Bashing (2/2)

## 5. Export of MPLS Network Action (MNA) Information in IPFIX - 17:00

- ID: <https://datatracker.ietf.org/doc/draft-liu-opsawg-ipfix-mpls-mna>
- Duration: 5 mins
- Presenter: Yao Liu

## 6. Signaling Optimization Objective and Bounded Metrics for MPLS Fast Reroute Backup LSP Tunnels - 17:05

- ID: <https://datatracker.ietf.org/doc/html/draft-deshmukh-mpls-frr-ext>
- Duration: 10 mins
- Presenter: Vishnu Pavan Beeram

## 7. Operations, Administration and Maintenance (OAM) for Network Resource Partition (NRP) in MPLS Network - 17:15

- ID: <https://datatracker.ietf.org/doc/draft-gong-mpls-nrp-oam-mpls>
- Duration: 5 mins
- Presenter: Liyan Gong

# WG Status (Errata, 1/1) (Since IETF124)

[Technical Errata Reported] RFC 8029 (8788), reported by: Adrian Farrel

- **Issue:** There is no such thing as an "IPv6 unnumbered interface".
- **Proposal:** Description of this should be removed from the document and the code points marked as "Deprecated".

Original Text

3.4

## Address Type

The Address Type indicates if the interface is numbered or unnumbered. It also determines the length of the Downstream IP Address and Downstream Interface fields. The Address Type is set to one of the following values:

Type #	Address Type
1	IPv4 Numbered
2	IPv4 Unnumbered
3	IPv6 Numbered
4	IPv6 Unnumbered

Corrected Text

3.4

## Address Type

The Address Type indicates if the interface is numbered or unnumbered. It also determines the length of the Downstream IP Address and Downstream Interface fields. The Address Type is set to one of the following values:

Type #	Address Type
1	IPv4 Numbered
2	IPv4 Unnumbered
3	IPv6 Numbered
4	Deprecated



- **Sections to be updated:** 3.4, 3.5, 3.6, 3.7, 6.2.4, 6.2.8, A.2

# WG Status (Liaisons) (Since IETF124)

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

# Document Status

## (Since IETF124)

- **\*\*\* New RFCs**
  - None

# Document Status

## (Since IETF124)

- **\*\*\* Docs in RFC Ed**
  - [draft-ietf-mpls-mna-hdr-21](#)

# Document Status (Since IETF124)

- **\*\*\* Docs in IESG**
  - [draft-ietf-mpls-mldp-yang-16](#) (Publication Requested)
  - [draft-ietf-mpls-mna-nrp-selector-03](#) (Publication Requested, AD Evaluation)

# Document Status

## (Since IETF124)

- **\*\*\* New WG Docs**

- [draft-ietf-mpls-algo-mt-oam-00](#) (Adopted in Feb, 2026)
- [draft-ietf-mpls-lsp-ping-ioam-conf-state-01](#) (Adopted in Jan, 2026)
- [draft-ietf-mpls-mna-detnet-00](#) (Adopted in Jan, 2026)
- [draft-ietf-mpls-stamp-00](#) (Adopted in Dec, 2025)

# Document Status

## (Since IETF124)

- **\*\*\* Updated WG Docs**
  - [draft-ietf-mpls-mna-ps-hdr-07](#) (WG LC done, Rtgdir early done/has nits)
  - [draft-ietf-mpls-stamp-pw-02](#) (Work in progress)
  - [draft-ietf-mpls-mna-ioam-04](#) (Work in progress, Rtgdir early done/has issues)
  - [draft-ietf-mpls-mna-psd-nrp-selector-01](#) (Work in progress)

# Document Status (Since IETF124)

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

# Document Status

## (Since IETF124)

- **\*\*\* New Individual Docs**
  - [draft-song-mpls-on-path-telemetry-flag-01](#)
  - [draft-deshmukh-mpls-frr-ext-01](#)

# Document Status

## (Since IETF124)

- **\*\*\* Alive Individual Docs**
  - [draft-gong-mpls-nrp-oam-mpls-02](#)
  - [draft-cx-mpls-mna-inband-pm-08](#)
  - [draft-farrel-mpls-labelstack-inspection-poll-01](#)
  - [draft-halmir-mpls-ecn-01](#)
  - [draft-lin-mpls-ldp-flex-algo-02](#)
  - [draft-amahale-mpls-for-aidc-00](#)
  - [draft-lin-mpls-ldp-holdtimer-04](#)