MPLS WG Status Update

IETF-127 (San Francisco & Online) – Nov 2026

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Administrative

- **Blue Sheet**
  - Blue sheets will be automatically generated when you login into the Meetecho
- **Zulip:**
  - https://zulip.ietf.org/#narrow/stream/127-mpls
- **Minutes Taking:**
  - https://codimd.ietf.org/notes-ietf-127-mpls
  - **NOTE WELL**: There is a bug in HedgeDoc that doesn't tell you when you have been disconnected
    - You might be typing for a long time before discovering all your changes are lost
    - Edit offline and past into HedgeDoc
- **MPLS Session Agenda at:**
  - https://datatracker.ietf.org/doc/agenda-127-mpls
- **Materials/Slides at:**
  - https://datatracker.ietf.org/meeting/127/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. **Simple Two-way Active Measurement Protocol (STAMP) for MPLS Label Switched Paths (LSPs) - 16:40**
   - ID: https://datatracker.ietf.org/doc/draft-ietf-mpls-stamp/
   - Duration: 10 mins
   - Presenter: Greg Mirsky
3. **Signaling RSVP-TE Tunnels on an SR-MPLS Forwarding Plane Using Adjacency Segment Identifiers - 16:50**
   - ID: https://datatracker.ietf.org/doc/draft-beeram-mpls-rsvp-sr/
   - Duration: 10 mins
   - Presenter: Vishnu Pavan Beeram
4. **Explicit Congestion Notification Using MPLS Network Actions - 17:00**
   - ID: https://datatracker.ietf.org/doc/html/draft-halmir-mpls-ecn
   - Duration: 10 mins
   - Presenter: Joel Halpern

WG Status (Errata) (Since IETF-126)

- **eid9098** (2026-08-09)
  - RFC 8029 “Detecting Multiprotocol Label Switched (MPLS) Data-Plane Failures”
  - Requests change to IPv6 address used as destination address for diagnostic packets
  - Rejected by AD : “It represents more than an editorial change without WG consensus and would be best resolved by a document that updates both 8029 and 9570”
  - Report remains in the system as a note for any future updates

WG Status (Liaisons) (Since IETF-126)

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

Document Status
(Since IETF-126)

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

On the agenda

Document Status
(Since IETF-126)

- ***** Docs in RFC Editor Queue**
  - draft-ietf-mpls-stamp-pw-21 (Awaiting editor)
  - draft-ietf-mpls-mna-ps-hdr-19 (Awaiting editor)
  - draft-ietf-mpls-mna-nrp-selector-07 (Missing reference to draft-ietf-teas-ns-ip-mpls)

On the agenda

Document Status
(Since IETF-126)

- ***** Docs in IESG**
  - draft-ietf-mpls-mna-ioam-15 (Waiting for AD Go-Ahead)
  - draft-ietf-mpls-on-path-telemetry-flag-05 (AD Evaluation)
  - draft-ietf-mpls-mldp-yang-16 (IESG Evaluaton::AD Followup – three Discusses)

On the agenda

Document Status
(Since IETF-126)

- ***** New WG Docs**
  - draft-ietf-mpls-frr-ext-00 (Aug, 2026)

On the agenda

Document Status
(Since IETF-126)

- ****** Updated WG Docs***
  - draft-ietf-mpls-lsp-ping-ioam-conf-state-02 (Work in progress)

On the agenda

Document Status
(Since IETF-126)

- ***** Alive WG Docs without Update**
  - draft-ietf-mpls-mna-detnet-01 (Work in progress)
  - **draft-ietf-mpls-stamp-01** (Work in progress)
- ****** Recently Expired***
  - None

On the agenda

Document Status
(at IETF-127)

- Status of WG documents not on agenda (1 of 2)
  - draft-ietf-mpls-algo-mt-oam
    - Adopted and -00 posted 2026-02-11, -01 posted as keep-alive
    - No comments or discussion since adoption
  - draft-ietf-mpls-frr-ext
    - Adopted and -00 posted 2026-08-23
    - Discussing utility of some proposed path-scope bound metrics
    - Requesting early code point assignment
  - draft-ietf-mpls-lsp-ping-ioam-conf-state
    - -02 version 2026-07-27
    - No known open issues
    - Will ask for last call soon

Document Status
(at IETF-127)

- Status of WG documents not on agenda (2 of 2)
  - draft-ietf-mpls-mna-detnet
    - -01 posted in June 2026
    - Latency Info field format is not yet specified
    - Field semantics, length rules, and hop-by-hop behavior need further detail
    - Align with DetNet WG progress
    - Target publication per WG milestone
  - draft-ietf-mpls-mna-psd-nrp-selector
    - -01 posted in March 2026
    - Need to align IANA registry with draft-ietf-mpls-mna-ps-hdr
    - Will ask for last call soon

Document Status
(Since IETF-126)

- ***** Alive Individual Docs**
  - **draft-beeram-mpls-rsvp-sr-01** (adoption poll ends 2026-11-17)
  - **draft-halmir-mpls-ecn-05**
  - draft-cx-mpls-mna-inband-pm-09
  - draft-ihlesong-mpls-mna-signaling-04
  - draft-gong-mpls-nrp-oam-mpls-03

On the agenda