

# IETF 111 – Virtual Online Meeting July 2021



## MPLS Working Group

Chairs:

Tarek Saad

Loa Andersson

Nic Leymann

Secretary:

Mach Chen

MPLS Session:

Wednesday, July 28, 2021 14:30-15:30 (UTC-7, PDT)

# 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)



**I E T F**

# Administrative

- Blue Sheet
  - Blue sheets will be automatically generated when you login into the Meetecho
- Meetecho
  - Use meetecho queue control
  - Chat/Jabber available for use
  - Jabber available at: xmpp:[mpls@jabber.ietf.org?join](xmpp:mpls@jabber.ietf.org?join)
- Minutes Taking 
  - <https://codimd.ietf.org/notes-ietf-111-mpls>
  - Please help with minute taking
- Agenda at:
  - <https://datatracker.ietf.org/doc/agenda-111-mpls>
- Slides at:
  - <https://datatracker.ietf.org/meeting/111/session/mpls>
- Data tracker:
  - <http://datatracker.ietf.org/wg/mpls>

# Agenda Bashing

## 1. Administrivia & WG Status

- Presenter: WG Chairs, 10 (mins)

## 2. Status report on MPLS YANG models

- Presenter: Kamran (5 mins)

## 3. Report from the MPLS Open DT

- Presenter: Loa Andersson (5 mins)

## 4. No Further Fast Reroute

- Draft: <https://datatracker.ietf.org/doc/draft-kompella-mpls-nfrr>
- Presenter: Kireeti Kompella (3 mins)

## 5. Signal Degrade Indication in Segment Routing over MPLS Network

- Draft: <https://datatracker.ietf.org/doc/draft-han-mpls-sdi-sr>
- Presenter: Liuyan Han (10 mins)

## 6. mLDP Extensions for Multi-Topology Routing

- Draft: <https://datatracker.ietf.org/doc/html/draft-wijnands-mpls-mldp-multi-topology>
- Presenter: Mankamana Mishra (10 mins)

## 7. Label Distribution Using ARP

- Draft: <https://datatracker.ietf.org/doc/draft-kompella-mpls-larp>
- Presenter: Reji Thomas (7 mins)

# WG Status (Errata)

- [Technical Errata Reported]
- No Errata reported

# Document Status

Since IETF110

## \*\*\* New RFCs

- RFC 9017 (Special-Purpose Label Terminology)
- RFC 9041 (Updating the MPLS Label Switched Paths (LSPs) Ping Parameters IANA Registry)

## \*\*\* Docs in RFC Editor's Queue

- draft-ietf-mpls-ldp-yang-09 ([MISSREF](#)) – WAITING on draft-ietf-rtgwg-policy-model
- draft-ietf-mpls-rfc6374-sfl ([MISSREF](#)) – WAITING on draft-ietf-mpls-sfl-control

## \*\*\* Docs in IESG

- draft-ietf-mpls-lsp-ping-ospfv3-codepoint ([Waiting for AD Go-Ahead::Revised I-D Needed](#)). **NOTES: waiting for the plans of the authors.**

## \*\*\* New WG Docs

# Document Status

Since IETF110

## \*\*\* Updated WG Docs

- draft-ietf-mpls-bfd-directed-17
- draft-ietf-mpls-inband-pm-encapsulation-01
- draft-ietf-mpls-rfc6374-sr-02
- draft-ietf-mpls-ri-rsvp-frr-11
- draft-ietf-mpls-sfl-control-01
- ***draft-ietf-mpls-sr-epe-oam-03 (awaiting comments from WG)***

## \*\*\* Alive WG Docs without Update

- **draft-ietf-mpls-mldp-yang-08** (on Agenda)
- draft-ietf-mpls-static-yang (Authors resuming traction on this)

# Document Status

Since IETF110



On the agenda

## \*\*\* New Individual Docs

- draft-andersson-mpls-indicators-and-anxillary-data
- draft-andersson-mpls-open-dt-questions
- draft-bryant-mpls-aux-data-pointer
- draft-bryant-mpls-dev-primer
- draft-gandhi-mpls-ioam
- draft-gandhi-mpls-stamp-pw
- draft-li-mpls-e2e-ietf-network-slicing
- draft-many-mpls-multiple-gal



# Document Status

Since IETF 110



On the agenda

- **Updated Individual Docs**

- draft-andersson-mpls-eh-architecture-01
- draft-andersson-mpls-eh-label-stack-operations-01
- draft-gao-mpls-teas-rsvpte-state-update-03
- [draft-kompella-mpls-larp-10](#)
- draft-kompella-mpls-mspl4fa-01
- [draft-kompella-mpls-nffrr-02](#)
- draft-li-mpls-enhanced-vpn-vtn-id-01
- draft-mirsky-mpls-bfd-bootstrap-clarify-02
- draft-mirsky-mpls-p2mp-bfd-14
- draft-nainar-mpls-spring-lsp-ping-sr-generic-sid-05 (**candidate for WGAP**)
- draft-ninan-mpls-spring-inter-domain-oam-04 (**candidate for WGAP - Addressing MPLS-RT comments**)
- draft-rathi-mpls-egress-tlv-for-nil-fec-05 (**candidate for WGAP - Addressing MPLS-RT comments**)
- draft-song-mpls-eh-indicator-03
- draft-song-mpls-extension-header-05
- [draft-wijnands-mpls-mldp-multi-topology-02](#)
- draft-xp-mpls-spring-lsp-ping-path-sid-01

# Document Status

Since IETF 110



On the agenda

- **Alive Individual Docs without Update**
  - draft-qu-mpls-mpls-msd-yang-00
  - draft-nainar-mpls-lsp-ping-yang-01
  - draft-lm-mpls-sfc-path-verification-02
  - [draft-han-mpls-sdi-sr-01](#)
  - draft-decraene-mpls-slid-encoded-entropy-label-id-01