

IETF 106 – Singapore
November 2019



MPLS Working Group

MPLS Session:

Monday November 22, 15:50-17:50 Afternoon session II

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

- Audio Streaming/Recording
 - Please speak only using the microphones
 - Please state your name before speaking
- Data tracker: <http://datatracker.ietf.org/wg/mpls/>
- Minute takers & Etherpad
 - <http://tools.ietf.org/wg/mpls/minutes>
- Meet Echo:
 - <http://ietf106.conf.meetecho.com/>
- Online Agenda and Slides at:
 - <https://datatracker.ietf.org/meeting/106/materials/>

Agenda Bashing – Admin (1)

- 1. Agenda bashing, and status report
 - Presenter: Chairs (15 minutes)
- 2. The Use of Path Segment in SR-MPLS and MPLS Interworking
 - Presenter: Quan Xiong (10 minutes)
 - Draft: <http://tools.ietf.org/html/draft-xiong-mpls-path-segment-sr-mpls-interworking>
- 3. Performance Measurement for Segment Routing Networks with MPLS Data Plane
 - Presenter: Rakesh Gandhi (10 minutes)
 - Draft: <http://tools.ietf.org/html/draft-gandhi-mpls-rfc6374-sr-00>
- 4. Segment Routing with MPLS Data Plane Encapsulation for In-situ OAM Data
 - Presenter: Rakesh Gandhi (10 minutes)
 - Draft: <http://tools.ietf.org/html/draft-gandhi-spring-ioam-sr-mpls-02>
- 5. Encapsulation For MPLS Performance Measurement with Alternate Marking Method
 - Presenter: Weiqiang Cheng (10 minutes)
 - Draft: <http://tools.ietf.org/html/draft-cheng-mpls-inband-pm-encapsulation-02>
- 6. Updating the IANA MPLS LSP Ping Parameters
 - Presenter: Loa Andersson (10 minutes)
 - Draft: <http://tools.ietf.org/html/draft-ietf-mpls-lsp-ping-registries-update-00>
- 7. OSPFv3 CodePoint for MPLS LSP Ping
 - Presenter: Carlos Pignataro (10)
 - Draft: <http://tools.ietf.org/html/draft-nainar-mpls-lsp-ping-ospfv3-codepoint-00>

Agenda Bashing – Admin (2)

- 8. Segment Routing Generic TLV for MPLS Label Switched Path (LSP) Ping/Traceroute
 - Presenter: Nagendra Kumar Nainar (10 minutes)
 - Draft: <http://tools.ietf.org/html/draft-nainar-mpls-spring-lsp-ping-sr-generic-sid-00>
- 9. Overview updates of all MPLS YANG documents
 - Presenter: Tarek Saad (10 minutes)
 - Draft: <http://tools.ietf.org/html/draft-ietf-mpls-base-yang-11>
 - Draft: <http://tools.ietf.org/html/draft-ietf-mpls-ldp-yang-07>
 - Draft: <http://tools.ietf.org/html/draft-ietf-mpls-mldp-yang-06>
 - Draft: <http://tools.ietf.org/html/draft-ietf-mpls-static-yang-10>
 - Draft: <http://tools.ietf.org/html/draft-zheng-mpls-lsp-ping-yang-cfg-10>
- 10. Label Switched Path (LSP) Ping/Traceroute for Segment Routing (SR) Egress Peer engineering Segment Identifiers (SIDs) with MPLS Data Planes
 - Presenter: Shraddha/Kapil (5 minutes)
 - Draft: <http://tools.ietf.org/html/draft-hegde-mpls-spring-epe-oam-03>
- 11. PMS/Head-end based MPLS Ping and Traceroute in Inter-AS SR Networks
 - Presenter: Shraddha/Kapil (10 minutes)
 - Draft: <http://tools.ietf.org/html/draft-ninan-spring-mpls-inter-as-oam-02>
- 12. LDP behaviour on link-shut scenarios
 - Presenter: Anush Mohan (10)
 - Draft: <http://tools.ietf.org/html/draft-aa-mpls-ldp-link-shut-00>

<https://datatracker.ietf.org/meeting/106/materials/agenda-106-mpls-00>

Agenda Bashing - Admin

- Fill in the [Blue Sheets](#), and it pass on.
- Return to WG Chairs

WG Status (Errata)

- **None**

WG Status (Liaisons)

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

- **Liaisons** (since last meeting) – to MPLS:

Date	From	TO	Title	Actions
2019-10-02	ITU-T-SG-15	CCAMP, MPLS, PALS, PCE, TEAS	LS on OTNT Standardization Work Plan	An action needed before 2020-01-06. Scott Mansfield is responsible for compiling an answer with inputs from relevant WGs.

Document Status

Since IETF105

*** New RFCs

- None

*** Docs in RFC Ed

- draft-ietf-mpls-egress-protection-framework (AUTH48)
- draft-ietf-mpls-rfc8287-len-clarification
- draft-ietf-mpls-spring-entropy-label
- draft-ietf-mpls-sr-over-ip(AUTH48)

*** Docs in IESG

- **draft-ietf-mpls-ldp-yang – On agenda**
- draft-ietf-mpls-ri-rsvp-frr – Waiting for Writeup
- draft-ietf-mpls-rmr – Waiting for Writeup
- draft-ietf-mpls-summary-frr-rsvpte – Revised drfat needed, Publication Requested

*** New WG Docs

- **draft-ietf-mpls-lsp-ping-registries-update**
- draft-ietf-mpls-rmr-multicast-00

Document Status

Since IETF105

***** Updated WG Docs**

- **draft-ietf-mpls-base-yang – on agenda**
- **draft-ietf-mpls-static-yang – on agenda**
- **draft-ietf-mpls-mlbp-yang-06 – on agenda**
- draft-ietf-mpls-bfd-directed
- draft-ietf-mpls-rfc6374-sfl
- draft-ietf-mpls-rmr-multicast
- draft-ietf-mpls-sfl-framework

***** Recently Expired**

- *None*

Document Status

Since IETF105

*** New Individual Docs

- [draft-nainar-mpls-lsp-ping-ospfv3-codepoint-00](#)
- [draft-gao-mpls-teas-rsvpte-state-update-00](#)
- [draft-gandhi-mpls-rfc6374-sr-00](#)
- [draft-gandhi-mpls-ioam-sr-00](#)
- [draft-aa-mpls-ldp-link-shut-00](#)

Document Status

Since IETF105

*** Updated Individual Docs

- draft-bryant-mpls-sfl-control-04 – *WAITING on response from leading author*
- [draft-cheng-mpls-inband-pm-encapsulation-02](#)
- [draft-hegde-mpls-spring-epe-oam-03](#)
- draft-mirsky-mpls-oam-mpls-sr-ip-03
- draft-xiong-mpls-path-segment-sr-mpls-interworking-01

Progress Report Update(s)

- draft-ietf-mpls-bfd-directed-12
 - Current status: Stalled
 - Received RTGDIR comments (Carlos Pignataro)
 - Next steps: Further discussions on the MPLS mailing list and fact-to-face
- draft-ietf-mpls-rmr-12
 - Current status: Submitted to IESG for Publication -- Waiting for AD Writeup
 - Next steps: None
- Draft-ietf-mpls-ldp-rmr-extensions-02
 - Current status: Ready for WGLC but waiting on base draft-ietf-mpls-rmr
 - Next steps: progress to WGLC once base RMR document is published

Progress Report Update(s)

- draft-ietf-mpls-mldp-mib-05
 - Current status: Waiting on MIB Doctor
 - Next steps: Close WGLC

- draft-ietf-mpls-spl-terminology-00
 - Current status: Stable, ready for WGLC after an editorial update of the Abstract
 - Next steps: WGLC after the update

- draft-ietf-mpls-summary-frr-rsvp-te-05
 - Current status: Submitted to IESG for Publication
 - Next steps: None

Progress Report Update(s)

- draft-ietf-mpls-lsp-ping-registries-update-00
 - Current status: on agenda
- draft-ietf-mpls-sfl-framework-06
 - Current status:
Ready for WGLC, but stalled on receiving all IPR poll results
 - Next steps: WGLC once IPR poll is closed
- draft-ietf-mpls-rfc6374-sfl-04
 - Current status: Ready for WGLC but waiting on base SFL draft draft-ietf-mpls-sfl-framework to be published
 - Next steps: proceed to WGLC once draft-ietf-mpls-sfl-framework is published