

MPLS WG Status Update

Routing Area Open Meeting

IETF 119 (Brisbane & Online) – Mar. 2024

WG Chairs:

Tarek Saad

Nic Leymann

Adrian Farrel

Tony Li (Presenter)

Secretary :

Mach Chen

Internet Engineering Task Force

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Update on WG Chair Assignment

- Loa Andersson stepped down after IETF117
- Adrian Farrel filled in as an interim chair
 - Adrian will step down after IETF119 in Brisbane
- Tony Li got appointed as new, third chair

Documents Update

Queued for Working Group Last Call

Date	Draft	IPR Poll	RTG Dir Review	Remarks	Shepherd
IETF-117	draft-ietf-mpls-rfc6374-sr	Started 2024-03-12	Jeffrey Zhang 2023-08-09 (has issues) -09 posted to resolve		Tony
IETF-118	draft-ietf-mpls-mna-fwk	Not done	Requested – ETA mid-April	Pending Requirements I-D. Updated after chair review of -05 by Adrian	Tarek
2023-12-19	draft-ietf-mpls-1stnibble	Not done	Joel Halpern 2024-01-09 (not ready). -03 posted	Needs discussion at IETF-119	Adrian
2024-01-30	draft-ietf-mpls-inband-pm-encapsulation	Not done	Darren Dukes RTGDir review done. -10 addresses issues	Discussion planned at IETF-119 about use of MNA	Tarek/Tony Tony leading discussions with authors to consider a change in Intended RFC status
2024-03-01	draft-ietf-mpls-p2mp-bfd	Complete	Joel Halpern -06, ready		Nic

Documents Update In Working Group Last Call

Draft	Date Started	Date Ends	IPR Poll complete?	Shepherd
draft-ietf-mpls-msd-yang	2024-03-05	2024-03-19	Yes	Tarek
draft-ietf-mpls-mna-requirements	2024-03-12	2024-04-02	Yes	Adrian – Undergoing 2 nd WG LC

Documents Update

Completed Working Group Last Call

Date	Draft	Action Needed	Shepherd
2023-02-11	draft-ietf-mpls-bfd-directed	Experimental. Issues fixed in -24. Pending shepherd write-up	Nic
2024-03-05	draft-ietf-mpls-egress-tlv-for-nil-fec	Moved to IESG for publication	Tarek

Documents Update

Submitted to IESG for Publication

Date	Draft	AD/Shepherd
2024-03-01	draft-ietf-mpls-egress-tlv-for-nil-fec-12	Andrew Alston/Tarek Saad
2024-03-01	draft-ietf-mpls-lspping-norao-08	Andrew Alston/Adrian Farrel
2024-02-19	draft-ietf-mpls-spring-inter-domain-oam-12	Andrew Alston/Adrian Farrel
2024-01-16	draft-ietf-mpls-sr-epe-oam-12	Andrew Alston/Tarek Saad
2023-12-22	draft-ietf-mpls-ri-rsvp-frr-16	Andrew Alston/Nic Leymann
2021-03-05	draft-ietf-mpls-rfc6374-sfl-10 (MISREF) Waiting on draft-ietf-mpls-sfl-control	Deborah Brungard/Adrian Farrel
2023-11-06	draft-ietf-mpls-sfl-control-04 Further work on document identified WG polled for interest to continue WG rough consensus is to abandon for now	Andrew Alston/Adrian (taking over from Mach)
2023-08-02	draft-ietf-mpls-mldp-multi-topology-03	Andrew Alston/Tarek Saad

WG Activities, Meetings and Interims

- Recent interest in the work done by WG on developing solutions for MPLS Network Actions (MNA) Framework
 - Some experiences shared about a recent implementation
 - A meeting amongst interested partners to share findings shared by early implementers occurred on March 13th
 - Follow-up writeup for findings expected to be published in an Internet Draft
 - An interim is planned after IETF119 to discuss more findings with the WG
- House-cleaning for some expired IDs
 - Polled the WG for interest to revive work or move to historic

WG Recent Liaisons

- Liaison from ITU-T SG11 to OPSAWG 2023-10-24
 - <https://datatracker.ietf.org/liaison/1869/>
 - Recommendation ITU-T Q.3962 (ex. Q.joint_tr) "Requirements and Reference Model for optimized traceroute of joint Internet Protocol/Multi-Protocol Label Switching"
 - Passed to MPLS for consideration
 - Liaison response drafted, discussed on WG mailing list, and sent 2024-03-15