

Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- ❖ **By participating with the IETF, you agree to follow IETF processes.**
- ❖ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- ❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

MPLS Working Group

IETF 90 – Toronto

Tuesday, 09:00-11:30

Friday, 09:00-11:30

Agenda Bashing - Admin

- Agenda (<http://www.ietf.org/proceedings/90/agenda/agenda-90-mpls>)

Tuesday

- WG status, chairs
- Discussion on "MPLS Architectural Principles"
- draft-bryant-mpls-oam-udp-return-02
- draft-mirsky-mpls-bfd-directed-00
- draft-akiya-mpls-lsp-ping-lag-multipath-00
- draft-ravisingh-mpls-el-for-seamless-mpls-02
- draft-vgovindan-mpls-extended-bfd-disc-tlv-00
- draft-cheng-mpls-tp-shared-ring-protection-02
- draft-ietf-mpls-rsvp-egress-protection-01
- draft-ietf-mpls-rsvp-ingress-protection-01

Agenda Bashing - Admin

- Agenda (<http://www.ietf.org/proceedings/90/agenda/agenda-90-mpls>)

Friday

- draft-tsaad-mpls-p2mp-loose-path-reopt-02
- draft-mirsky-mpls-residence-time-02
- draft-kompella-mpls-larp-01
- draft-li-mpls-global-label-framework-02
- draft-li-mpls-seamless-mpls-mbh-00
- draft-raza-mpls-oam-ipv6-rao-00
- draft-esale-mpls-appl-aware-ldp-targeted-session-00
- draft-li-mpls-proxy-te-lsp-01
- draft-cui-mpls-tp-mfp-use-case-and-requirements-02
- draft-li-mpls-serv-driven-co-lsp-fmwk-03

Agenda Bashing - Admin

- Please respect the time allocated to your presentation slot
- Fill in the [Blue Sheets](#), and pass on. Return to WG Chairs
- Late slides senders ... shorter to list in-time slide senders ☹️

WG Status

- **Milestones Updated** (since last meeting)

<https://datatracker.ietf.org/wg/mpls/charter/>

WG Status

- **Errata** (since last meeting)
 - #3923 (Held for Document Update, Reported 2014-03) – RFC6639 – Editorial
 - #3925 (Verified, Reported 2014-03) – RFC6639 – Editorial
 - #3934 (Rejected, Reported 2014-03) – RFC4379 – Editorial
 - #3956 (Verified, Reported 2014-04) – RFC6371 – Editorial
 - #3958 (Held for Document Update, Reported 2014-04) – RFC6371 – Editorial
 - #3961 (Held for Document Update, Reported 2014-04) – RFC6371 – Technical
 - #3963 (Held for Document Update, Reported 2014-04) – RFC6371 – Editorial
 - #4000 (Verified, Reported 2014-05) – RFC6374 – Technical
 - #4012 (*pending*, Reported 2014-06) – RFC6426 – Technical
 - #4017 (Verified, Reported 2014-06) – RFC6435 – Editorial

WG Status

- **8 new RFCs**

- RFC 7167 (draft-ietf-mpls-tp-p2mp-framework)
A Framework for Point-to-Multipoint MPLS in Transport Networks
- RFC 7190 (draft-ietf-mpls-multipath-use)
Use of Multipath with MPLS and MPLS Transport Profile (MPLS-TP)
- RFC 7212 (draft-ietf-mpls-gach-adv)
MPLS Generic Associated Channel (G-ACh) Advertisement Protocol
- RFC 7213 (draft-ietf-mpls-tp-ethernet-addressing)
MPLS Transport Profile (MPLS-TP) Next-Hop Ethernet Addressing
- RFC 7214 (draft-ietf-mpls-moving-iana-registries)
Moving Generic Associated Channel (G-ACh) IANA Registries to a New Registry
- RFC 7271 (draft-ietf-mpls-tp-psc-itu)
MPLS Transport Profile (MPLS-TP) Linear Protection to Match the Operational Expectations of Synchronous Digital Hierarchy, Optical Transport Network, and Ethernet Transport Network Operators
- RFC 7274 (draft-ietf-mpls-special-purpose-labels)
Allocating and Retiring Special-Purpose MPLS Labels
- RFC 7308 (draft-ietf-mpls-extended-admin-group)
Extended Administrative Groups in MPLS Traffic Engineering (MPLS-TE)

WG Status

- **5 WG drafts in RFC-Editor's queue (+8/-8 since last meeting)**
 - draft-ietf-mpls-forwarding (138 days, RFC-EDITOR)
 - draft-ietf-mpls-ldp-applicability-label-adv-03 (83 days, MISSREF)
 - draft-ietf-mpls-ldp-hello-crypto-auth-10 (27 days, EDIT)
 - draft-ietf-mpls-ldp-multi-topology-12 (88 days, AUTH48-DONE)
 - draft-ietf-mpls-psc-updates-06 (49 days, AUTH48)

WG Status

- **4 WG drafts in IESG processing (+4/-8 since last meeting)**
 - draft-ietf-mpls-in-udp-05
Waiting for AD Go-Ahead::Revised I-D Needed
 - draft-ietf-mpls-ldp-ip-pw-capability-07
Waiting for AD Go-Ahead::Revised I-D Needed
 - draft-ietf-mpls-lsp-ping-ttl-tlv-07
Waiting for AD Go-Ahead::Revised I-D Needed
 - draft-ietf-mpls-smp-requirements-06
Waiting for AD Go-Ahead::Revised I-D Needed

WG Status

- **16 WG drafts** (+5/-6 since last meeting incl. +1/-2 revived/expired)
 - draft-ietf-mpls-deprecate-bgp-entropy-label-00
Just adopted as WG document, ready for WG LC
 - draft-ietf-mpls-ipv6-only-gap-00
Authors welcome thorough review before asking for WGLC
 - draft-ietf-mpls-ldp-ipv6-13
Submitted to IESG for Publication, Returned to WG
Resolution of issues on-going
 - draft-ietf-mpls-lsp-ping-relay-reply-03
Waiting for WG Chair Go-Ahead
Revised I-D Needed following WGLC
 - draft-ietf-mpls-mldp-in-band-wildcard-encoding-01
IPR poll running, missing 1 reply
 - draft-ietf-mpls-mldp-node-protection-01
Waiting for WG Chair Go-Ahead
Revised I-D Needed following WGLC
 - draft-ietf-mpls-pim-sm-over-mldp-00
IPR poll running

WG Status

- **WG drafts**

- draft-ietf-mpls-proxy-lsp-ping-02
WG Consensus: Waiting for Write-Up
- draft-ietf-mpls-rsvp-egress-protection-01
On the agenda
- draft-ietf-mpls-rsvp-ingress-protection-01
On the agenda
- *draft-ietf-mpls-rsvp-te-hsmp-lsp-01*
expired
- draft-ietf-mpls-seamless-mcast-14
Done WGLC. Waiting on draft-ietf-l3vpn-pmsi-registry
- draft-ietf-mpls-seamless-mpls-07
Cleaning up references

WG Status

- **WG drafts**
 - *draft-ietf-mpls-te-express-path-00*
expired
 - *draft-ietf-mpls-tp-1ton-protection-02*
expired
 - draft-ietf-mpls-tp-linear-protection-mib-02
Status?
 - draft-ietf-mpls-tp-oam-id-mib-04
Ready?
 - draft-ietf-mpls-tp-te-mib-07
Submitted to IESG for Publication, Returned to WG
Status?
 - draft-ietf-mpls-tp-temporal-hitless-psm-05
Waiting for WG Chair Go-Ahead

“WG” Status

- **non-WG drafts, a selection**
 - draft-akiya-mpls-entropy-lsp-ping-02
 - Candidate/MPLS-RT review
 - draft-akiya-mpls-lsp-ping-reply-mode-simple-02
 - Candidate/MPLS-RT review
 - draft-atlas-mpls-ldp-mrt-01
 - early WG chair review
 - draft-bryant-mpls-oam-udp-return-02
 - Poll for adoption
 - draft-chen-mpls-source-label-05
 - Candidate/MPLS-RT review
 - draft-kini-mpls-spring-entropy-label-00
 - Early WG chair review
 - draft-tsaad-mpls-p2mp-loose-path-reopt-03
 - Candidate/MPLS-RT review
 - draft-zulr-mpls-tp-linear-protection-switching-12
 - Independent submission

Liaisons to/from MPLS

- Outgoing
 - 2014-03-28 ITU-T SG 15
 - Progress of MPLS Protection State Coordination Work in the IETF
- Incoming
 - 2014-04-23 ITU-T SG 15
 - LS/r on progress of MPLS Protection State Coordination Work in the IETF (reply to IETF-MPLS-LS087)
 - 2014-04-24 ITU-T SG 15 (to mpls, pce, ccamp)
 - LS on ITU-T SG15 OTNT standardization work plan

Other Business

- English reviews