

# 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 88 – Vancouver

Tuesday, 09:00-11:30

Wednesday, 15:50-16:50

# Agenda Bashing - Admin

- Agenda
  - draft-mahesh-karp-imp-analysis
    - cancelled trip, would have been moved to CCAMP
  - draft-cheng-mpls-tp-pwe3-dual-homed-protection
    - moved to PWE3
  - draft-li-mpls-network-virtualization-framework
  - draft-li-mpls-global-label-usecases
  - draft-li-mpls-global-label-framework
    - moved to SPRING
  - draft-kini-spring-mpls-lsp-ping
  - draft-kumar-mpls-spring-lsp-ping
    - moved in from SPRING, then removed from agenda
  - draft-ankur-mpls-upstream-mapping
    - cancelled trip
  - draft-li-mpls-label-stack-distribution
    - cancelled
  - draft-mpls-big-label-ucase-req
    - cancelled
  - <http://www.ietf.org/proceedings/88/agenda/agenda-88-mpls>

# 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
  - [draft-akiya-mpls-entropy-lsp-ping-00](#)
  - [draft-ravingh-mpls-el-for-seamless-mpls-01](#)
  - [draft-hmk-mpls-tp-p2mp-oam-framework-03](#)

# WG Status

- **Charter Approved**

<https://datatracker.ietf.org/doc/charter-ietf-mpls/>

- **Milestones Updated**

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

draft-ietf-mpls-lsp-ping-mpls-tp-oam-conf	<i>Deleted</i>
draft-ietf-mpls-retire-ach-tlv	<i>Done</i>
draft-ietf-mpls-targeted-mldp	<i>Done</i>
draft-ietf-mpls-return-path-specified-lsp-ping	<i>Done</i>
draft-ietf-mpls-tp-rosetta-stone	<i>Done</i>
draft-ietf-mpls-seamless-mpls	<i>set to 11/2013 (from 08/2013)</i>
draft-ietf-mpls-ldp-multi-topology	<i>set to 12/2013 (from 09/2013)</i>
draft-ietf-mpls-mldp-hsmp	<i>set to 12/2013 (from 09/2013)</i>
draft-ietf-mpls-seamless-mcast	<i>set to 04/2014 (from 10/2013)</i>
draft-ietf-mpls-tp-p2mp-framework	<i>set to 01/2014</i>
draft-ietf-mpls-smp-requirements	<i>set to 01/2014</i>
draft-ietf-mpls-moving-iana-registries	<i>set to 03/2014</i>
draft-ietf-mpls-psc-updates	<i>set to 03/2014</i>
draft-ietf-mpls-extended-admin-group	<i>set to 04/2014</i>

# WG Status

- **3 new RFCs**
  - RFC 6965  
MPLS Transport Profile (MPLS-TP) Applicability: Use Cases and Design
  - RFC 7026  
Retiring TLVs from the Associated Channel Header of the MPLS Generic Associated Channel
  - RFC 7032  
LDP Downstream-on-Demand in Seamless MPLS
- **Errata (since last meeting)**
  - #3753(Reported and Verified) – RFC4377 – Editorial
  - #3728(Reported and Held for Document Update) – RFC5331 – Editorial
  - #3689(Rejected) – RFC3031 – Technical
  - #3726(Reported and Rejected) – RFC5331 – Technical

# WG Status

- **5 WG drafts in RFC-Editor's queue (+5/-3 since last meeting)**
  - draft-ietf-mpls-gach-adv-08 (MISSREF)  
Waiting on draft-ietf-karp-crypto-key-table, which is in AD Followup
  - draft-ietf-mpls-targeted-mldp-04 (RFC-EDITOR)
  - draft-ietf-mpls-tp-ethernet-addressing-08 (MISSREF)
  - draft-ietf-mpls-tp-mip-mep-map-09 (RFC-EDITOR)
  - draft-ietf-mpls-tp-rosetta-stone-13 (EDIT)

# WG Status

- **7 WG drafts in IESG processing (+6/-5 since last meeting)**
  - draft-ietf-mpls-in-udp-03  
AD Evaluation::Revised I-D Needed
  - draft-ietf-mpls-ldp-applicability-label-adv-01  
AD Evaluation::Revised I-D Needed
  - draft-ietf-mpls-ldp-ip-pw-capability-06  
AD Evaluation::Revised I-D Needed
  - draft-ietf-mpls-ldp-multi-topology-09  
IETF Last Call ends November 6th
  - draft-ietf-mpls-lsp-ping-ttl-tlv-06  
Publication Requested
  - draft-ietf-mpls-mldp-hsmp-03  
AD Evaluation
  - draft-ietf-mpls-return-path-specified-lsp-ping-15  
IESG Evaluation::AD Followup

# WG Status

- **22 WG drafts** (+5/-6 since last meeting, -2 dead/expired)
  - draft-ietf-mpls-extended-admin-group-00  
Adopted as WG Document since last meeting
  - draft-ietf-mpls-forwarding-02  
On the agenda
  - draft-ietf-mpls-ldp-hello-crypto-auth-02  
Waiting for WG Chair Go-Ahead  
Revised I-D Needed - Issue raised by WGLC
  - draft-ietf-mpls-ldp-ipv6-09  
Waiting for WG Chair Go-Ahead  
Revised I-D Needed - Issue raised by WGLC
  - draft-ietf-mpls-lsp-ping-relay-reply-01  
Should be ready for WG LC
  - draft-ietf-mpls-mldp-node-protection-00  
Adopted as WG Document since last meeting

# WG Status

- **WG drafts**

- draft-ietf-mpls-moving-iana-registries-00  
WG LC after Vancouver
- draft-ietf-mpls-multipath-use-00  
On the agenda. WG LC ended October 26<sup>th</sup>.
- draft-ietf-mpls-proxy-lsp-ping-00  
In preparation for WG LC
- draft-ietf-mpls-psc-updates-00  
Recently adopted as WG document (October 19<sup>th</sup>)
- draft-ietf-mpls-rsvp-te-hsmp-lsp-00  
Adopted as WG Document in June
- draft-ietf-mpls-seamless-mcast-07  
Revised I-D Needed before WG LC
- draft-ietf-mpls-seamless-mpls-04  
Revised I-D Needed - Issue raised by WGLC
- draft-ietf-mpls-smp-requirements-01  
Stable. Ready for WG LC?

# WG Status

- **WG drafts**

- draft-ietf-mpls-special-purpose-labels-03  
Revised I-D Needed - Issue raised by WGLC
- draft-ietf-mpls-te-express-path-00  
Adopted as WG Document since last meeting
- draft-ietf-mpls-tp-1ton-protection-02  
In preparation for WG LC
- draft-ietf-mpls-tp-linear-protection-mib-01  
Ready for WG LC?
- draft-ietf-mpls-tp-oam-id-mib-03  
Waiting for WG Chair Go-Ahead, waiting for MIB Doc ACK
- draft-ietf-mpls-tp-p2mp-framework-04  
In WG LC (Ended November 1<sup>st</sup>)
- draft-ietf-mpls-tp-te-mib-06  
New I-D pending, publication to be requested
- draft-ietf-mpls-tp-temporal-hitless-psm-04  
Waiting for WG Chair Go-Ahead

# “WG” Status

- **non-WG drafts, a selection**
  - draft-akiya-mpls-entropy-lsp-ping-00
  - draft-akiya-mpls-lsp-ping-reply-mode-simple-00
  
  - draft-chen-mpls-p2mp-egress-protection-09
    - Revised I-D needed following review
  - draft-li-mpls-ldp-mt-mib-05
    - Revised I-D published (back to MIB Doctors)
  
  - draft-rekhter-mpls-pim-sm-over-mldp-07
  - draft-wijnands-mpls-mldp-in-band-wildcard-encoding-01

# Liaisons

- No outgoing liaisons since Berlin
- No incoming liaisons since Berlin
- Should contribute to response to liaison 1278

# Acknowledgments

- Thanks to MIB doctors in general and Joan in particular
- Thanks to the MPLS-RT as a whole and to Mach, Eric O., Kenji, Lizhong.
  - 38 docs reviewed since creation of RT

# Other Business

- Non-WG forming BoF in London
  - Scaling MPLS VPNs
- Early document processing
  - Individual -00
  - Candidates
  - mpls-rt
  - wg-poll