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# MPLS Working Group

IETF 93 – Prague

Wednesday July 22 2015, 17:40-19:40 (CEST)

Thursday July 23 2015, 15:20-17:20 (CEST)

# Agenda Bashing - Admin

- Agenda (<http://www.ietf.org/proceedings/92/agenda/agenda-92-mpls>): **Wednesday Session**

I-D	Presenter
Agenda bashing, WG status report Chairs recommendations on how effectively progress wg-drafts.	WG Chairs
Report on YANG MPLS activities	Tarek Saad
draft-zheng-mpls-lsp-ping-yang-cfg	Greg Mirsky
draft-raza-mpls-ldp-mldp-yang	Kamran (to be confirmed)
Discussion on YANG activities	WG Chairs/Tarek
draft-esale-mpls-ldp-node-frr	Santosh Esale
draft-chandra-mpls-ri-rsvp-frr	Chandra Ramachandran
draft-bryant-mpls-synonymous-flow-labels	Stewart Bryant

# Agenda Bashing - Admin

- Agenda (<http://www.ietf.org/proceedings/92/agenda/agenda-92-mpls>): **Thursday Session**

<b>I-D</b>	<b>Presenter</b>
draft-mtaillon-mpls-summary-frr-rsvpte	Tarek Saad
draft-fang-mpls-hsdn-for-hsdc	Luyuan Fang
draft-fang-mpls-label-forwarding-no-swap-00	Luyuan Fang
draft-decraene-idr-next-hop-capability-01	Bruno Decraene
draft-ietf-mpls-lsp-ping-mpls-tp-oam-conf	Greg Mirsky
draft-mirsky-mpls-residence-time	Greg Mirsky
draft-ietf-mpls-self-ping	Ron
draft-farrell-mpls-opportunistic-encrypt	Adrian
draft-cheng-mpls-tp-shared-ring-protection	Liang Geng
draft-kompella-mpls-rmr-01	
draft-kompella-mpls-larp-03	
draft-kompella-mpls-rsvp-ecmp	Kireeti Kompella

# Agenda Bashing - Admin

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

# WG Status

- MPLS related YANG Model discussions
- WG mailing list
- Chairs recommendations on how effectively progress WG-drafts.

# WG Status

- **Errata** (since last meeting)

RFC Number (Errata ID)	Section	Type	Source of RFC	Submitted By	Date
Status ( <b>Verified</b> )					
RFC7510 (4350)	7	Editorial	mpls (rtg)	Adrian Farrel	2015-04-27
RFC7555 (4411)	7	Editorial	mpls (rtg)	Loa Andersson	2015-07-08
Status ( <b>Verified</b> )					
RFC6428 (4415)	text	Editorial	mpls (rtg)	Greg Mirsky	2015-07-14
Status ( <b>Rejected</b> )					
RFC5586 (4364)	4.2.1	Technical	mpls (rtg)	Alexander ("Sasha")	2015-05-12

# WG Status

- **6 new MPLS RFCs**

- RFC 7506 (was draft-ietf-mpls-oam-ipv6-rao)  
IPv6 Router Alert Option for MPLS Operations, Administration, and Maintenance (OAM)
- RFC 7510 (was draft-ietf-mpls-in-udp)  
Encapsulating MPLS in UDP Errata
- RFC 7524 (was draft-ietf-mpls-seamless-mcast)  
Inter-Area Point-to-Multipoint (P2MP) Segmented Label Switched Paths (LSPs)
- RFC 7537 (was draft-ietf-mpls-lsp-ping-registry)  
IANA Registries for LSP Ping Code Points
- RFC 7552 (was draft-ietf-mpls-ldp-ipv6)  
Updates to LDP for IPv6
- RFC 7555 (was draft-ietf-mpls-proxy-lsp-ping)  
Proxy MPLS Echo Request



# WG Status

- **14 WG drafts: 2 publication requested, 2 in AD evaluation**

Active Internet-Drafts	Status
draft-ietf-mpls-app-aware-tldp-00	I-D Exists <b>Authors will publish a new revision - asking WG to review</b>
draft-ietf-mpls-entropy-lsp-ping-01	I-D Exists <b>New version posted (please review)</b>
draft-ietf-mpls-ldp-mrt-01	I-D Exists <b>Awaiting RTGVWG draft</b>
draft-ietf-mpls-lsp-ping-lag-multipath-00	I-D Exists <b>Expired – to check with authors/Nobo</b> Contacted authors
<a href="#">draft-ietf-mpls-lsp-ping-mpls-tp-oam-conf-09</a>	I-D Exists
draft-ietf-mpls-lsp-ping-relay-reply-10	Publication Requested
draft-ietf-mpls-lsp-ping-reply-mode-simple-03	Publication Requested
draft-ietf-mpls-mldp-node-protection-05	AD Evaluation

# WG Status

- **14 WG drafts: 2 publication requested, 2 in AD evaluation**

Active Internet-Drafts	Status
draft-ietf-mpls-rfc6374-udp-return-path-03	I-D Exists <b>(no update this IETF)</b>
<a href="#">draft-ietf-mpls-self-ping-02</a>	I-D Exists
draft-ietf-mpls-spring-entropy-label-00	I-D Exists <b>Authors soliciting input and may ask for WG LC next IETF</b>
draft-ietf-mpls-tp-linear-protection-mib-04	I-D Exists <b>Emailed authors</b>
draft-ietf-mpls-tp-oam-id-mib-08	AD Evaluation
draft-ietf-mpls-tp-temporal-hitless-psm-06	I-D Exists <b>New version to be published</b>

# WG Status

- **non-WG drafts**

Active Internet-Drafts	Status
draft-bryant-mpls-flow-ident-01	I-D Exists <b>(no update this IETF)</b>
draft-bryant-mpls-rfc6374-over-udp-00	I-D Exists <b>(no update this IETF)</b>
draft-bryant-mpls-sfl-control-00	I-D Exists <b>(no update this IETF)</b>
<a href="#">draft-bryant-mpls-synonymous-flow-labels-01</a>	I-D Exists
<a href="#">draft-chandra-mpls-ri-rsvp-frr-00</a>	I-D Exists
<a href="#">draft-cheng-mpls-tp-shared-ring-protection-05</a>	I-D Exists
draft-cui-mpls-tp-mfp-use-case-and-requirements-05	I-D Exists <b>New version to be posted</b> <b>Ready for WG adoption call</b>
draft-dai-mpls-rsvp-te-mbb-label-reuse-00	I-D Exists
<a href="#">draft-esale-mpls-ldp-node-frr-01</a>	I-D Exists
draft-zhang-mpls-tp-yang-oam-01	I-D Exists
<a href="#">draft-zheng-mpls-lsp-ping-yang-cfg-01</a>	I-D Exists
draft-zzhang-mpls-icmp-bier-01	I-D Exists

# WG Status

- **non-WG drafts**

Active Internet-Drafts	Status
<a href="#">draft-fang-mpls-hsdn-for-hsdc-03</a>	I-D Exists
<a href="#">draft-fang-mpls-label-forwarding-no-swap-00</a>	I-D Exists
<a href="#">draft-farrelll-mpls-opportunistic-encrypt-05</a>	I-D Exists Accepted as working group DOC
<a href="#">draft-jacob-mpls-ethldp-02</a>	I-D Exists
<a href="#">draft-kompella-mpls-larp-03</a>	I-D Exists
<a href="#">draft-kompella-mpls-rmr-01</a>	I-D Exists
<a href="#">draft-kompella-mpls-rsvp-ecmp-06</a>	I-D Exists
<a href="#">draft-kumarkini-mpls-spring-lsp-ping-03</a>	I-D Exists email authors (Sri)
<a href="#">draft-mda-mpls-tp-p2mp-oam-framework-01</a>	I-D Exists
<a href="#">draft-mirsky-mpls-bfd-directed-03</a>	I-D Exists In MPLS-RT review

# WG Status

- **non-WG drafts**

Active Internet-Drafts	Status
<a href="#">draft-mirsky-mpls-residence-time-07</a>	I-D Exists
<a href="#">draft-mtaillon-mpls-summary-frr-rsvpte-01</a>	I-D Exists
<a href="#">draft-ncrsht-mpls-unique-and-consistent-label-ldp-00</a>	I-D Exists
<a href="#">draft-openconfig-mpls-consolidated-model-01</a>	I-D Exists Ask Ina if draft will be moved to TEAS
<a href="#">draft-raszuk-mpls-domain-wide-labels-04</a>	I-D Exists
<a href="#">draft-raza-mpls-ldp-mldp-yang-01</a>	I-D Exists
<a href="#">draft-sboyapati-mpls-lmdm-00</a>	I-D Exists
<a href="#">draft-tiruvedhula-mpls-mldp-mib-04</a>	I-D Exists
<a href="#">draft-vainshtein-mpls-gal-tc-ttl-handling-01</a>	I-D Exists
<a href="#">draft-you-mpls-spring-sfc-oam-01</a>	I-D Exists
<a href="#">draft-zhang-mpls-lspdb-yang-00</a>	I-D Exists

# Liaisons to/from MPLS

Date	From	To	Title
15-07-16	ITU-T SG 15	Multiprotocol Label Switching	LS on initiation of Approval process for revised Recommendations ITU-T G.8112/Y.1371 and ITU-T G.8113.2/Y.1372.2
15-07-16	ITU-T SG 15	Multiprotocol Label Switching	LS on ITU-T SG15 OTNT standardization work plan to mpls wg
15-06-08	Multiprotocol Label Switching	ITU-T SG 15	Response to LS on progress of work on draft Amendment 1 to Recommendation ITU-T G.8131/Y.1382 (2014)
15-06-08	Multiprotocol Label Switching	ITU-T SG 15	Response to LS on ITU-T SG15 OTNT standardization work plan to mpls

# Effectively Progress WG Drafts

- One view of the problem
  - Draft is accepted as a working group draft
  - Then there is no mails to the list for 6 months
  - We get the «soon to expire» message
  - Chairs ask the authors for their plans
  - The response (may be) that the draft has been stable for 6 months and is ready for wglc

# Effectively Progress WG Drafts

- Authors/Editors responsibilities
  - The wg does not normally explicitly appoint editors, i.e. all the names listed on a wg draft are considered «editors»
  - The task of an author/editor is to capture what we have wg consensus on
  - This requires discussion on the mailing list and transparency
  - Authors/Editors need to drive this discussion



# Effectively Progress WG Drafts

- WG Chairs responsibilities
  - WG Chairs do not (normally) drive discussion on single documents
  - WG Chairs will handle the document process, but need a trigger
  - WG Chairs normally reviews a document twice; before MPLS-RT review and before wglc.
  - WG Chairs may trigger reviews of document from thrid parties, either one their own or if asked by the authors

# Effectively Progress WG Drafts

- Working Group responsibilities
  - Working Group owns the document, i.e. the Working Group has the revision control
  - The owner needs to give feedback and respond to questions/proposals from the editor(s)
  - All technical discussions on a document should take place on the wg mailing list.

# General Advice

- Take it to the mailing list!
- Otherwise nothing happens!