

IETF 98 – Chicago
March 2017



MPLS Working Group

MPLS Session:

Tuesday, March 28, 2017 (CDT) - 9:00-11:30 - Morning session I

JOINT CCAMP/PCE/TEAS/MPLS session (MPLS sponsored):

Friday, March 31, 2017 (CDT) - 9:00-11:30 - Morning session I

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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://ietf98.conf.meetecho.com>
- Online Agenda and Slides at:
<https://datatracker.ietf.org/meeting/98/materials/>

Agenda Bashing – Admin

- Agenda (<https://datatracker.ietf.org/meeting/98/agenda/mpls>):

Tuesday, March 28, 2017 (CDT) - 9:00-11:30 - Morning session I			
No.	I-D	Version	Presenter
1	Agenda bashing, WG status reports	-	Chairs
2	draft-ietf-mpls-rmr	4	Kireeti Kompella
3	draft-deshmukh-mpls-rsvp-rmr-extension	0	Abhishek Deshmukh
4	draft-esale-ldp-rmr-extensions	0	Abhishek Deshmukh
5	draft-sitaraman-mpls-rsvp-shared-labels	0	Harish Sitaraman / Vishnu Pavan Beeram
6	draft-esale-mpls-ldp-node-frr	5	TBD
7	draft-shen-mpls-egress-protection-framework	4	Yimin Shen
8	draft-xu-mpls-unified-source-routing-instruction	0	Xiaohu
9	draft-ietf-mpls-ldp-yang	1	Kamran Raza (tentative)
10	draft-mtaillon-mpls-summary-frr-rsvpte	5	Tarek Saad

Agenda Bashing – Admin

Friday, March 31, 2017 (CDT) - 9:00-11:30 - Morning session I (JOINT MPLS/TEAS/PCE/CCAMP - sponsored by MPLS WG)

No.	I-D	Version	Presenter
1	Agenda bashing, WG status reports	-	Chairs
2	draft-mwdt-ccamp-mw-yang	1	Jonas Ahlberg/Amy Ye
3	draft-busibel-teas-yang-path-computation	2	Italo Busi/Sergio Belotti
4	draft-ietf-mpls-ldp-mldp-yang	0	
5	draft-liu-teas-yang-l3-te-topo	2	Xufeng Liu
6	draft-ietf-teas-yang-te-topo	8	
7	draft-ietf-teas-yang-te	8	
8	draft-ietf-teas-yang-rsvp	7	Tarek Saad
9	draft-ietf-mpls-base-yang	4	
11	draft-vergara-ccamp-flexigrid-yang	4	Young Lee
12	draft-ietf-ccamp-wson-yang	5	
13	draft-ietf-pce-pcep-yang	2	Dhruv Dhody
14	draft-dharini-ccamp-dwdm-if-param-yang	1	Gert Grammel
15	draft-galimbe-ccamp-iv-yang	2	
16	draft-zhang-ccamp-l1-topo-yang	6	Kun Xiang
17	draft-sharma-ccamp-otn-tunnel-model	1	

Agenda Bashing - Admin

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

Working Group Status

Since IETF97

New RFCs:

RFC 8029 - Detecting Multiprotocol Label Switched (MPLS) Data-Plane

Failures

Errata:

None

Document Status

Updated WG-Docs since IETF97

On the agenda 

	Document	Status	AD / Shepherd
1	draft-ietf-mpls-app-aware-tldp-07 Application-aware Targeted LDP	Expert Review for 185 days Submitted to IESG for Publication: Proposed Standard Reviews: rtgdir	Deborah Brungard Loa Andersson
2	draft-ietf-mpls-base-yang-04 A YANG Data Model for MPLS Base	I-D Exists WG Document	
3	draft-ietf-mpls-bfd-directed-05 Bidirectional Forwarding Detection (BFD) Directed Return Path	I-D Exists WG Document: Proposed Standard	Nicolai Leymann
4	draft-ietf-mpls-flow-ident-04 MPLS Flow Identification Considerations	I-D Exists Waiting for WG Chair Go-Ahead: Informational	Loa Andersson
5	draft-ietf-mpls-ldp-mrt-05 LDP Extensions to Support Maximally Redundant Trees	Publication Requested for 19 days Submitted to IESG for Publication: Proposed Standard	Deborah Brungard Loa Andersson
6	draft-ietf-mpls-ldp-yang-01 YANG Data Model for MPLS LDP	I-D Exists WG Document Reviews: yangdoctors	
7	draft-ietf-mpls-mldp-mib-01 Definitions of Managed Objects for the LDP Point-to-Multipoint and Multipoint-to-Multipoint Label Switched Paths	I-D Exists WG Document	

Document Status

Updated WG-Docs since IETF97

On the agenda 

	Document	Status	AD / Shepherd
8	draft-ietf-mpls-residence-time-15 Residence Time Measurement in MPLS network	RFC Ed Queue : EDIT for 3 days Submitted to IESG for Publication: Proposed Standard	Deborah Brungard Loa Andersson
9	draft-ietf-mpls-rfc3107bis-01 Using BGP to Bind MPLS Labels to Address Prefixes	I-D Exists WG Document	
10	draft-ietf-mpls-ri-rsvp-frr-01 Refresh Interval Independent FRR Facility Protection	I-D Exists WG Document	
11	draft-ietf-mpls-rmr-04 Resilient MPLS Rings	I-D Exists WG Document	Loa Andersson
12	draft-ietf-mpls-spring-lsp-ping-02 Label Switched Path (LSP) Ping/Trace for Segment Routing Networks Using MPLS Dataplane	I-D Exists WG Document	
13	draft-ietf-mpls-static-yang-03 A YANG Data Model for MPLS Static LSPs	I-D Exists WG Document	
14	draft-ietf-mpls-tp-aps-updates-03 Updates to MPLS Transport Profile (MPLS-TP) Linear Protection in Automatic Protection Switching (APS) Mode	Expert Review for 72 days Submitted to IESG for Publication: Proposed Standard	Deborah Brungard Loa Andersson

Document Status

Updated WG-Docs since IETF97

On the agenda 

	Document	Status	AD / Shepherd
15	draft-ietf-mpls-tp-linear-protection-mib-12 MPLS Transport Profile Linear Protection MIB	RFC Ed Queue : RFC-EDITOR for 29 days Submitted to IESG for	Deborah Brun gard Loa Andersso
16	draft-ietf-mpls-tp-mfp-use-case-and-requirements-03 Use Cases and Requirements for MPLS-TP multi-failure protection	I-D Exists Waiting for WG Chair Go-Ahead: Informational	Loa Andersso n
17	draft-ietf-mpls-tp-shared-ring-protection-04 Shared-Ring protection (MSRP) mechanism for ring topology	Expert Review for 42 days Submitted to IESG for Publication: Proposed Standard	Deborah Brun gard Eric Gray
18	draft-ietf-mpls-tp-temporal-hitless-psm-13 Requirements for hitless MPLS path segment monitoring	IESG Evaluation::Revised I-D Needed for 7 days Submitted to IESG for Publication: Informational	Deborah Brun gard David Sinicrop
19	draft-ietf-mpls-mldp-yang-01 YANG Data Model for MPLS mLDP	I-D Exists WG Document	
20	draft-ietf-mpls-opportunistic-encrypt-02 Opportunistic Security in MPLS Networks	Expired WG Document: Experimental	Loa Andersso n

Document Status

Since IETF97

***** WG documents in other WGs:**

- draft-ietf-pals-mpls-tp-dual-homing-coordination-05
- draft-ietf-pals-mpls-tp-dual-homing-protection-05
- draft-ietf-isis-mpls-elc-02
- draft-ietf-ospf-mpls-elc-04
- draft-ietf-idr-flowspec-mpls-match-01
- draft-ietf-bier-mpls-encapsulation-06
- draft-xu-sfc-using-mpls-spring-06

***** I-Ds in other WGs:**

- draft-allan-spring-mpls-multicast-framework-02
- draft-li-idr-mpls-path-programming-04

Document Status

Since IETF97

*** New IDs

- [draft-sitaraman-mpls-rsvp-shared-labels-00](#) - **Signaling RSVP-TE tunnels on a shared MPLS forwarding plane**
- [draft-bryant-mpls-sfl-control-01](#) - **MPLS Flow Identification Considerations**
- [draft-chenpeng-mpls-ldp-ext-00](#) - **LDP Extensions for FEC elements sharing label**
- [draft-deshmukh-mpls-rsvp-rmr-extension-00](#) - **RSVP Extensions for RMR**
- [draft-esale-mpls-ldp-rmr-extensions-00](#) - **LDP Extensions for RMR**
- [draft-xu-mpls-service-chaining-00](#) - **Service Chaining using MPLS Source Routing**
- [draft-xu-mpls-spring-islands-connection-over-ip-00](#) - **Connecting MPLS-SPRING Islands over IP Networks**
- [draft-xu-mpls-unified-source-routing-instruction-00](#) - **Unified Source Routing Instruction using MPLS Label Stack**

Document Status

Since IETF97

*** Updated IDs

- **draft-bryant-mpls-sfl-framework-03** - **Synonymous Flow Label Framework**
- [draft-esale-mpls-ldp-node-frr-05](#) - **Fast Reroute for Node Protection in LDP-based LSPs**
- [draft-ijln-mpls-rfc5036bis-03](#) - **LDP Specification**
- [draft-kompella-mpls-larp-06](#) - **Label Distribution Using ARP**
- [draft-mtaillon-mpls-summary-frr-rsvpte-05](#) - **RSVP-TE Summary Fast Reroute Extensions for LSP Tunnels**
- [draft-shen-mpls-egress-protection-framework-04](#) - **MPLS Egress Protection Framework**

Document Status

Since IETF97

*** Existing IDs

- [draft-zhang-mpls-tp-yang-oam-03](#) - YANG Data Model for MPLS-TP Operations, Administration, and Maintenance (OAM)
- [draft-zheng-mpls-lsp-ping-yang-cfg-04](#) - Yang Data Model for LSP-PING

I-D Progress Update(s)

I-D: <**draft-ietf-mpls-opportunistic-encrypt**>

- Current status (revision -02)

- *Posted 9/20/16 – now expired*
- *Minor nits of spelling, grammar, and style.*
- *Added Section 1.2 "Existing Security Tools for MPLS Data".*
- *Small changes for clarification.*
- *Update references.*

- *Next steps:*

- *Current reversion has expired*
- *Plan to refresh as keep-alive*

I-D Progress Update(s)

I-D: <**draft-ietf-mpls-tp-aps-updates-03**>

- Current status (revision -03)

- WG state: Submitted to IESG for Publication
- *IESG state: Expert Review (Entered in January 10, 2017*
 - *Request for Last Call review by RTGDIR Completed in January 23*

- *Next steps:*

- *No outstanding issues*

I-D Progress Update(s)

I-D: <**draft-ietf-mpls-tp-linear-protection-mib-12**>

- Current status (revision -12)
 - Submitted to IESG for Publication
 - IESG state: RFC Ed Queue

- *Next steps:*
 - *No outstanding issues*

I-D Progress Update(s)

I-D: <draft-zheng-mpls-lsp-ping-yang-cfg-04>

- Current status (revision -04)
 - New co-author joined (?) –Carlos Pignataro
- *Next steps:*
 - *Prepare for WG adoption*

I-D Progress Update(s)

I-D: <Bidirectional Forwarding Detection (BFD) Directed Return Path>

- *Following the failed WG last call, the authors have updated the document to, in their opinion, remove the IPR dependency*
- *However Ericsson has not removed the IPR claim*
- *We will issue another last call following this meeting*