

ITU-T SG15 MPLS-TP draft Recommendations and the corresponding IETF drafts that will be referenced.

Last update: 2010-03-12

Rec	Q	Timing	Subject	Drafts/RFCs (see table below)
G.7712	14	6/2010	Architecture and Specification of data communication network	2.1, 4.1, 4.2, 4.3, 5.2
G.8101v1	3	6/2010	Terms and definition for MPLS-TP	1.1, 1.2 [Informative]
G.8110.1v1	12	6/2010	Architecture of MPLS-TP Layer Network	2.1, 2.3, 3.1, 3.2, 3.4, 3.5, 3.6, 3.8, 4.1, 4.2, 5.1, 5.2,
G.8112	10	6/2010	Interfaces for the MPLS-TP Hierarchy	2.1, 2.3, 3.1, 3.2, 3.4, 3.8, 4.2, 4.3
G.8121	9	2/2011	Characteristics of MPLS-TP Network Equipment Functional Blocks	2.1, 2.3, 3.1, 3.2, 3.4, 3.5, 3.8, 7.9, 4.1, 4.3, 5.1, 5.2, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8
G.8121am1	9	12/2011	Characteristics of MPLS-TP Network Equipment Functional Blocks	3.6, 8.1, 9.1
G.8131	9	12/2011	MPLS-TP linear Protection	2.1, 2.3, 3.1, 3.2, 3.5, 3.6, 3.8, 4.1, 4.3, 8.1
G.8132	9	12/2011	MPLS-TP Ring Protection	2.1, 2.3, 3.1, 3.2, 3.5, 3.6, 3.8, 4.1, 4.3, 9.1
G.8151	14	2/2011	Management aspects of the MPLS-TP network element	2.1, 2.2, 2.3, 3.3, 3.4, 5.1, 5.2, 6.1, 6.2, 6.3, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9
G.8152	14	12/2011	Protocol-neutral management information model for the MPLS-TP network element	2.1, 2.2, 2.3, 3.3, 3.4, 4.3, 5.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9
G.mpls-tpoam	10	2/2011	Operation and maintenance mechanism for MPLS-TP layer networks	2.1, 2.2, 2.3, 3.1, 3.2, 3.4, 3.8, 7.9, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8

IETF drafts vs. Recommendations

1	Terminology Drafts	Recommendations for Consent		
		6/2010	2/2011	12/2011
1.1	MPLS-TP Terminology draft-ietf-mpls-tp-rosetta-stone	<i>G.8101*</i>	<i>G.8101am1*</i>	<i>G.8101am2*</i>
1.2	OAM Acronyms draft-ietf-opsawg-mpls-tp-oam-def	<i>G.8101*</i>	<i>G.8101am1*</i>	<i>G.8101am2*</i>
2	Requirements Drafts			
2.1	MPLS-TP requirements RFC 5654	G.7712, G.8110.1, G.8112,	G.8121, G.8151 G.mpls-tpoam,,	G.8131, G.8132, G.8152
2.2	MPLS-TP Network Management Requirements draft-ietf-mpls-tp-nm-req		G.8151, G.mpls-tpoam	G.8152
2.3	MPLS-TP OAM Requirements draft-ietf-mpls-tp-oam-requirements	G.8110.1, G.8112	G.8121, G.8151 G.mpls-tpoam	G.8131, G.8132, G.8152

3	Framework Drafts	6/2010	2/2011	12/2011
3.1	MPLS-TP Framework draft-ietf-mpls-tp-framework	G.8110.1, G.8112	G.8121, G.mpls-tpoam	G.8131, G.8132,
3.2	MPLS-TP P2MP Framework draft-fbb-mpls-tp-p2mp-framework	Note 2)	G.8110.1v2 G.8121, G.mpls-tpoam	G.8131, G.8132,
3.3	MPLS-TP Network Management Framework draft-ietf-mpls-tp-nm-framework	<i>G.8110.1*</i>	G.8151	G.8152
3.4	MPLS-TP OAM Framework draft-ietf-mpls-tp-oam-framework <i>draft-koike-ietf-mpls-tp-oam-maintenance-points</i> (content will be merged into draft-ietf-oam-framework)	G.8110.1, G.8112	G.8121, G.8151 G.mpls-tpoam	G.8131, G.8132, G.8152
3.5	MPLS-TP Survivability Framework draft-ietf-mpls-tp-survive-fwk	G.8110.1	G.8121	G.8131, G.8132
3.6	MPLS-TP Pseudowire Survivability Framework draft-xxxx-pwe3-mpls-tp-survive-fwk		G.8110.1am1	G.8121am1, G.8131, G.8132
3.7	MPLS-TP Control Plane framework draft-ietf-mpls-tp-control-plane-framework <i>(was draft-abfb-mpls-tp-control-plane-framework)</i>	<i>G.8110.1*</i>	G.8080am	
3.8	MPLS Transport Profile Data Plane Architecture draft-ietf-mpls-tp-data-plane	G.8110.1, G.8112	G.8121, G.mpls-tpoam	G.8131, G.8132,
4	GACH Drafts	6/2010	2/2011	12/2011
4.1	Generic Associated Channel - GAL/GACH RFC 5586	G.7712, G.8110.1, G.8112	G.8121, G.mpls-tpoam	G.8131, G.8132,
4.2	DCN RFC5718	G.7712, G.8110.1, G.8112	G.mpls-tpoam	
4.3	ACH-TLV draft-ietf-mpls-tp-ach-tlv, (Note: draft-manral-mpls-tp-oam-security-tlv has been merged into draft-ietf-mpls-tp-ach-tlv)	G.7712, G.8112	G.8121 G.mpls-tpoam	G.8131, G.8132, G.8152
5	Core Documents	6/2010	2/2011	12/2011
5.1	MPLS-TP Identifiers draft-ietf-mpls-tp-identifiers-00	G.8110.1	G.8121, G.mpls-tpoam, G.8151,	G.8152
5.2	MPLS-TP Security draft-fang-mpls-tp-security-framework	<i>G.7712*, G.8110.1*</i>	<i>G.8121*, G.mpls-tpoam*, G.8151*</i>	
5.3	MPLS-TP Security draft-ietf-mpls-mpls-and-gmpls-security-framework	<i>G.7712, G.8110.1*</i>	G.8121 G.mpls-tpoam, G.8151	

6	Control Plane Drafts	6/2010	2/2011	12/2011
6.1	OAM Configuration Framework draft-ietf-ccamp-oam-configuration- fwk)		G.mpls-tpoam, G.8151,	
6.2	Control Plane Configuration of MPLS- TP OAM draft-ietf-ccamp-rsvp-te-mpls-tp-oam- ext		G.mpls-tpoam, G.8151,	
6.3	LDP Extensions for MPLS-TP PW OAM configuration draft-zhang-mpls-tp-pw-oam-config becomes draft-zhang-pwe3-mpls-tp- ldp-oam-config		G.mpls-tpoam, G.8151,	
7	OAM	6/2010	2/2011	12/2011
7.1	OAM Analysis draft-ietf-mpls-tp-oam-analysis		G.mpls-tpoam	
7.2	Packet Loss and Delay Measurement draft-frost-mpls-tp-loss-delay draft-zhl-mpls-tp-sd		G.8121, G.mpls-tpoam, G.8151,	G.8152
7.3	LSP-Ping and BFD encapsulation over ACH draft-nitinb-mpls-tp-lsp-ping-bfd- procedures		G.8121, G.mpls-tpoam, G.8151	G.8152
7.4	LSP-Ping extensions for MPLS-TP draft-nitinb-mpls-tp-lsp-ping-extensions		G.8121, G.mpls-tpoam, G.8151	G.8152
7.5	MPLS Fault Management OAM draft-ietf-mpls-tp-fault, draft-dai-mpls-tp-lock-instruct		G.8121, G.mpls-tpoam, G.8151	G.8152
7.6	Proactive CV, CC, and RDI draft-asm-mpls-tp-bfd-cc-cv		G.8121, G.mpls-tpoam, G.8151	G.8152
7.7	Client Failure Indication draft-he-mpls-tp-csf becomes draft-he-pwe3-mpls-tp-csf		G.8121, G.mpls-tpoam, G.8151	G.8152
7.8	Bidirectional Notify Message draft-liu-mpls-tp-bnm		G.8121, G.mpls-tpoam, G.8151	G.8152
7.9	Diagnostic tool-test for MPLS transport profile draft-flh-mpls-tp-oam-diagnostic-test		G.8121, G.mpls-tpoam, G.8151	G.8152
8	Linear Protection	6/2010	2/2011	12/2011
8.1	Linear Protection draft-ietf-mpls-tp-linear-protection			G.8121am1, G.8131

9	Ring Protection	6/2010	2/2011	12/2011
9.1	Ring Protection draft-ietf-mpls-tp-ring-protection From: draft-dai-mpls-tp-p2mp-ring-protection draft-jiang--mpls-tp-ring-fd draft-liu-mpls-tp-ring-protection draft-yang-mpls-tp-ring-protection- analysis draft-umansky-mpls-tp-ring-protection- switching draft-weingarten-mpls-tp-ring- protection draft-ceccarelli-mpls-tp-p2mp-ring)			G.8121am1, G.8132

Notes:

- 1) * *Informative reference*
- 2) G.8110.1v1 and G.8112 will reference RFC5331 and RFC5332 for P2MP