INTERNATIONAL TELECOMMUNICATION UNION

COM 15 – OLS 173 – E

TELECOMMUNICATION STANDARDIZATION SECTOR

STUDY PERIOD 2009-2012

English only

Original: English

Question(s):	12/15	
	Ref. : TD 303 (WP 3/15)	
Source:	ITU-T Study Group 15	
Title:	Comments on draft-ietf-mpls-tp-data-plane-02 [Ref # 030.02]	

LIAISON STATEMENT

For action to:	**IETF MPLS WG**	
For comment to:	-	
For information to:	-	
Approval:	**Agreed to by Question 12/15 (by correspondence)**	
Deadline:	**28 May 2010**	
Contact:	Malcolm Betts ZTE P. R. China	Tel: +1 678 534-2542 Email: malcolm.betts@zte.com.cn

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Thank you for your liaison statement (Ref # 030.01) requesting a review by the ITU-T of the MPLS-TP data plane draft.

The experts of Q.12/15 have reviewed draft-ietf-mpls-tp-data-plane-01 by correspondence and request that the following changes are made before the IETF approves the draft.

Section 3.1.1. LSP Packet Encapsulation and Forwarding: Replace the fourth paragraph:

"Support for the Pipe and Short Pipe DiffServ tunneling and TTL processing models described in [RFC3270] and [RFC3443] is REQUIRED by the MPLS-TP. Support for the Uniform model is OPTIONAL."

With:

"Support for the Pipe and Short Pipe DiffServ tunneling and TTL processing models described in [RFC3270] and [RFC3443] is REQUIRED by the MPLS-TP. Support for the Uniform model is for REQUIRED for Diffserv tunnelling. The Uniform model MUST NOT be used for TTL processing."

Reason for the requested change:

The modified fourth paragraph does not fully address our comment on the -01 version which was intended to provide support for the PST application. The uniform model must be supported to ensure that a LSP in a PST can be configured to have the same PHB as the LSP

being monitored. Also the uniform model for TTL processing must not be used to avoid problems with the TTL addressing of MIPs.

Section 6. Security Considerations: Replace:

2. Any MPLS label processed at the receiving LSR, such as an LSP or PW label, has a label value that the receiving LSR has previously distributed to the peer beyond that neighbour (i.e., when it is known that the path from the system to which the label was distributed to the receiving system is via that neighbour).

With:

2. Packets that arrive on an interface or, for PW or hierarchical LSPs, LSP with a given label value should not be forwarded unless that label value is assigned to an LSP or PW to be carried by the peer LSR or PE over that interface or LSP.

Reason for the requested change:

The text is confusing, the replacement text is aligned with text that was proposed to be added to the MPLS-TP framework draft.

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