This document provides Draft Corrigendum 1 to Recommendation ITU-T G.8113.1/Y.1372.1 (04/2016) (published version) (for Consent).

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Corrigendum 1 to Recommendation ITU-T G.8113.1/Y.1372.1 (04/2016)

Operations, administration and maintenance mechanisms for MPLS-TP in packet transport networks:
Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.8113.1/Y.1372.1 (04/2016) removes text implying that MEG Level configurability is needed.

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Operations, administration and maintenance mechanisms for MPLS-TP in packet transport networks:
Corrigendum 1

1)   Scope of Corrigendum 1

This corrigendum removes text implying that MEG Level configurability is needed.

2)   Text modifications to Recommendation ITU-T G.8113.1/Y.1372.1 (04/2016)

2.1) Correction to Clause 8.2, OAM PDU formats based on [ITU-T G.8013]

Replace:

The MEL field is configurable. It is set to the default value "111" on transmission and checked at reception for compliancy with [ITU-T G.8013].

By:

The MEL field is set to the only valid binary value "111".

2.2) Corrections to Clause 9.1.1, Continuity check message (CCM) procedures

Replace:

–   The MEL field is set to the configured value (see clause 8.2).

By:

–   The MEL field is set as specified in clause 8.2.

Replace:

When a MEP receives a CCM OAM packet, it checks the various fields (see Figure 8-19 of [ITU-T G.8021]).

By:

When a MEP receives a CCM OAM packet, it checks the various fields ~~using a MI_MEL value of "111"~~ (see Figure 8-19 of [ITU-T G.8021] with the MI_MEL set as specified in clause 8.2).

Remove:

7   The dUNL defect will not be raised if the default value for MEL is used.

2.3) Correction to Clause 9.1.2, Loopback message/loopback reply (LBM/LBR) procedures

Replace:

–   The MEL field is set to the configured value (see clause 8.2).

By:

–   The MEL field is set as specified in clause 8.2.

2.4) Corrections to Clause 9.1.3, Alarm indication signal (AIS) procedures

Replace:

–   The MEL field is set to the configured value (see clause 8.2).

By:

–   The MEL field is set as specified in clause 8.2.

Replace:

When a MEP receives an AIS packet with the correct MEL value, it detects the alarm indication signal defect (dAIS), as described in clause 6.1 of [ITU-T G.8021].

By:

When a MEP receives a (valid) AIS packet, it detects the alarm indication signal defect (dAIS), as described in clause 6.1 of [ITU-T G.8021].

2.5) Corrections to Clause 9.1.4, Locked signal (LCK) procedures

Replace:

–   The MEL field is set to the configured value (see clause 8.2).

By:

–   The MEL field is set as specified in clause 8.2.

Replace:

When a MEP receives an LCK packet with the correct MEL value, it detects the dLCK defect as described in clause 6.1 of [ITU-T G.8021].

By:

When a MEP receives a (valid) LCK packet, it detects the dLCK defect as described in clause 6.1 of [ITU-T G.8021].

2.5) Corrections to Clause 9.1.5, Test (TST) procedures

Replace:

−   The MEL field is set to the configured value (see clause 8.2).

By:

−   The MEL field is set as specified in clause 8.2.

2.6) Corrections to Clause 9.1.6, Loss measurement message/loss measurement reply (LMM/LMR) procedures

Replace:

−   The MEL field is set to the configured value (see clause 8.2).

By:

−   The MEL field is set as specified in clause 8.2.

Replace:

An LMM packet with a valid MEG level is considered to be a valid LMM packet. An LMM packet is discarded if not valid. Whenever a valid LMM packet is received by a MEP (i.e., the receiving MEP), an LMR packet is generated and transmitted by the receiving MEP to the requesting MEP

By:

Whenever a (valid) LMM packet is received by a MEP (i.e., the receiving MEP), an LMR packet is generated and transmitted by the receiving MEP to the requesting MEP

2.7) Corrections to Clause 9.1.7, One-way delay measurement (1DM) procedures

Replace:

−　　The MEL field is set to the configured value (see clause 8.2).

By:

−　　The MEL field is set as specified in clause 8.2.

Replace:

Upon receiving a valid 1DM packet, the receiving MEP can compare the TxTimeStampf value in the received 1DM packet with the RxTimef, the time at the reception of the 1DM packet and calculate the one-way packet delay. A 1DM packet with a valid MEG level is considered to be a valid 1DM packet.

By:

Upon receiving a (valid) 1DM packet, the receiving MEP can compare the TxTimeStampf value in the received 1DM packet with the RxTimef, the time at the reception of the 1DM packet and calculate the one-way packet delay.

2.8) Corrections to Clause 9.1.8, Two-way delay measurement message/delay measurement reply (DMM/DMR) procedures

Replace:

−　　The MEL field is set to the configured value (see clause 8.2).

By:

−　　The MEL field is set as specified in clause 8.2.

Replace:

A DMM packet with a valid MEG level is considered to be a valid DMM packet. A DMM packet is discarded if not valid. Whenever a valid DMM packet is received by a MEP (i.e., the receiving MEP), a DMR packet is generated and transmitted by the receiving MEP to the requesting MEP

By:

Whenever a (valid) DMM packet is received by a MEP (i.e., the receiving MEP), a DMR packet is generated and transmitted by the receiving MEP to the requesting MEP

2.x) Correction to Clause I.1,

Remove ", using the default MEG level,*" from the first sentence in I.1.*

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