INTERNATIONAL TELECOMMUNICATION UNION

TELECOMMUNICATION STANDARDIZATION SECTOR

STUDY PERIOD 2025-2028

SG13-LS35

STUDY GROUP 13

Original: English

Question(s): 6/13 Geneva, 3 - 14 March 2025

Ref.: SG13-TD45-R1/PLEN – Annex 5

Source: ITU-T Study Group 13

Title: LS/r on work items related to deterministic networking in SG13 (reply to IEEE 802.1-LS79)

LIAISON STATEMENT

For action to: IEEE 802.1 TSN TG

For information to: -

Approval: **ITU-T Study Group 13 meeting (Geneva, 14 March 2025)**

Deadline: 31 July 2025

Contact: Taesang Choi
ETRI
Korea (Republic of)
Tel: +82-10-2740-5628
Fax: +82-42-860-6405
E-mail: choits@etri.re.kr

Contact: Guosheng Zhu
Wuhan Rayton Network Technology
China
Tel: +86-2788666186
Fax: +86-2788665505
E-mail: zhugs@rayton-networks.com

Abstract: This Liaison Statement contains reply to IEEE 802.1 TSN TG liaison response to SG13-LS79 on work items related to deterministic networking in SG13.

ITU-T SG13 appreciates the response from IEEE802.1 TSN TG, especially the documents referenced in your reply (Liaison Statement). We believe these documents are critical to our efforts and will significantly help us advance our work in SG13 Q6 efficiently while minimizing duplication and overlap. SG13 Q6 looks forward to maintaining close collaboration with you on our shared interest in QoS for deterministic networks.

ITU-T SG13 Q6 would welcome closer cooperation with IETF and IEEE on the topics of deterministic networking and time-sensitive networking, to share ideas, clarify scopes of work, and avoid overlap and duplication of work between our organisations. If there are existing cooperative frameworks between IEEE and IETF on this topic, the opportunity to be involved in these would be appreciated.

With regard to the specific draft recommendation Y.qos-det-intwk-wan, please find attached a gap analysis prepared by the contributors of this work item, as well as the current draft Recommendation. Your views on this gap analysis would be greatly appreciated.

Attachment:

SG13-TD59/WP4: Gap analysis between Y.det-qos-intwk-wan and IETF DetNet/IEEE802.1 TSN.

SG13-TD63/WP4: Draft new Recommendation ITU-T Y.det-qos-intwk-wan “Requirements and framework of deterministic QoS interworking mechanism in heterogeneous wide area network including IMT-2020 and beyond”.

_____