INTERNATIONAL TELECOMMUNICATION UNION
**TELECOMMUNICATION STANDARDIZATION SECTOR**
STUDY PERIOD 2025-2028

**SG13-LS90**
**STUDY GROUP 13**
**Original: English**

**Question(s):** 6/13 Geneva, 25 July 2025

**Ref.: SG13-TD189/WP4**

**Source:** ITU-T Working Party 4/13

**Title:** LS on deterministic networking work in Q6/WP4 of ITU-T SG13

**LIAISON STATEMENT**

**For action to:** -

**For information to:** IEEE 802.1 TSN TG

**Approval:** **ITU-T Working Party 4/13 meeting (Geneva, 25 July 2025)**

**Deadline:** N/A

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**Abstract:** This liaison statement contains status of deterministic networking work in ITU-T SG13.

ITU-T Working Party 4/13 would like to inform you that Question 6/WP4 of SG13 consented one work item which is related to deterministic networking

- ITU-T Y.3148 (formerly Y.det-FQ-fa): Functional architecture for stateless fair queuing in large scale networks including IMT-2020 and beyond (SG13-TD169/WP4)

One new work item was setup

- Y.qos-sre-rf: Requirements and framework for service rates estimation with packet metadata for stateless admission control (SG13-TD184/WP4)

The following deterministic networking related draft Recommendations were updated at the meeting.

- Y.det-qos-intwk-wan: Requirements and framework of deterministic QoS interworking mechanism in wide area network for IMT-2020 and beyond (SG13-TD170/WP4)
- ITU-T Y.det-qos-lstn-req: Functional architecture for QoS guarantee of deterministic communication services in local area network for IMT-2020 and beyond (SG13-TD171/WP4)
- ITU-T Y.det-qos-req-ml-jrs: QoS requirements for machine learning based joint resource scheduling to support deterministic communication services across heterogeneous networks including IMT-2020 and beyond (SG13-TD172/WP4)

ITU-T Working Party 4/13 is looking forward to continuing collaboration with IETF DetNet WG in the context of deterministic networking aspects.

**Attachment:**
SG13-TD169/WP4 – Draft new Recommendation ITU-T Y.3148 (ex Y.det-FQ-fa): Functional architecture for stateless fair queuing in large scale networks including IMT-2020 and beyond

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