



**Question(s):** 6/13

Geneva, 15 - 26 July 2024

**Ref.: SG13-TD327-R1/PLEN – Annex 1**

**Source:** ITU-T Study Group 13

**Title:** LS on request for feedback on work items related to deterministic networking in SG13

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**LIAISON STATEMENT**

**For action to:** IEEE 802.1 TSN TG, IETF DetNet

**For information to:** ITU-T SG12

**Approval:** ITU-T Study Group 13 meeting (Geneva, 26 July 2024)

**Deadline:** 14 February 2025

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**Abstract:** This Liaison Statement requests for the feedback on work items on deterministic communication services and networking in ITU-T SG13.

ITU-T Study Group 13 would like to inform you that Question 6 of SG13 has initiated a new work item related to deterministic communication services and networking for the scope of large scale networks including IMT-2020 and beyond.

The initial draft Recommendation is as following and the corresponding document is attached.

Draft Recommendation ITU-T Y.det-FQ-fa: “Functional architecture for stateless fair queuing in large scale networks including IMT-2020” ([SG13-TD964/WP1](#))

The following related draft Recommendations were updated at the meeting.

- ITU-T Y.det-qos-arch-lan: "Functional architecture for QoS guarantee of deterministic communication services in local area network for IMT-2020 and beyond" ([SG13-TD951/WP1](#))
- 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-TD952/WP1](#))
- ITU-T Y.det-rdcs-rf “QoS requirements and framework of deterministic communication for remote device control services over IMT-2020 and beyond” ([SG13-TD953/WP1](#))

SG13 would like to inform you of a new work item conditionally approved at this meeting:

- ITU-T Y.Det-qos-intwk-wan “Requirements and framework of deterministic QoS interworking mechanism in wide area network including IMT-2020 and beyond” ([SG13-TD976/WP1](#))

SG13 would like to seek your feedback as to the above work items, in particular with regard to their relation to work conducted by IEEE and IETF, possible overlap with your work, and/or further opportunities for collaboration you see between our organisations.

The latest drafts of these recommendations and the conditionally approved new work item are attached.

**Attachments:**

[SG13-TD964/WP1](#): Draft new Recommendation ITU-T Y.det-FQ-fa “Functional architecture for stateless fair queuing in large scale networks including IMT-2020”

[SG13-TD951/WP1](#): Draft new Recommendation ITU-T Y.det-qos-arch-lan "Functional architecture for QoS guarantee of deterministic communication services in local area network for IMT-2020 and beyond”

[SG13-TD952/WP1](#): Draft new Recommendation 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-TD953/WP1](#): Draft new Recommendation ITU-T Y.det-rdcs-rf “QoS requirements and framework of deterministic communication for remote device control services over IMT-2020 and beyond”

[SG13-TD976/WP1](#): Draft new Recommendation ITU-T Y.Det-qos-intwk-wan “Requirements and framework of deterministic QoS interworking mechanism in wide area network including IMT-2020 and beyond”

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