



Question(s): 6/13

Geneva, 25 November 2022

Ref.: SG13-TD219/WP1

Source: ITU-T Working Party 1/13

Title: LS on work items related to deterministic networking in SG13

LIAISON STATEMENT

For action to: -

For information to: IEEE 802.1 TSN TG, IETF DetNet, ITU-T SG12

Approval: **ITU-T Working Party 1/13 meeting (Geneva, 25 November 2022)**

Deadline: N/A

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Abstract: LS on ongoing work items on deterministic communication services and networking in SG13 of ITU-T.

ITU-T Study Group 13 would like to inform you that Question 6 of ITU-T SG13 consented two new draft Recommendations related to deterministic communication services and networking for the scope of local area networks and large-scale networks of the IMT-2020 network and beyond.

The two draft Recommendations are as following. Their corresponding documents are attached.

Draft Recommendation ITU-T Y.3120 (formerly Y.IMT-2020-fa-lg-lsn) “*Functional architecture for latency guarantee in large scale networks including IMT-2020 and beyond*”

Draft Recommendation ITU-T Y.3121 (formerly Y.det-qos-reqts-lan) “*QoS requirements and framework for supporting deterministic communication services in local area network for IMT-2020*”

Y.3120 specifies the functional architecture and operation procedures for latency guarantee in large scale networks, with work-conserving schedulers and interleaved regulators for flow aggregates. It is the sequel of ITU-T Y.3113, which defines the requirements and framework for latency guarantee in large scale networks.

Y.3121 identifies the scenarios, QoS requirements, and framework of deterministic communication services in local area networks supporting heterogeneous technologies.

This information is for your consideration, and we look forward to collaborating with you in this area.

Attachments:

[SG13-TD212/WP1: Draft Recommendation ITU-T Y.3120](#): “*Functional architecture for latency guarantee in large scale networks including IMT-2020 and beyond*”

[SG13-TD213/WP1: Draft Recommendation ITU-T Y.3121](#): “*QoS requirements and framework for supporting deterministic communication services in local area network for IMT-2020*”