



**Question(s):** 22/13

Virtual, 1-12 March 2021

**Ref.: SG13-TD395-R1/PLEN- Annex 4**

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

**Title:** LS on information about draft Recommendation Y.ICN-SEAN on “Architecture and Functional Framework for On-Site, Elastic and Autonomous ICN”

**Purpose:** Information

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### LIAISON STATEMENT

**For action to:** -

**For comment to:** -

**For information to:** IEEE 802.3

**Approval:** ITU-T Study Group 13 meeting (Virtual, 12 March 2021)

**Deadline:** N/A

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**Keywords:** ICN network, Control plane, Data plane, Name mapping and resolution system, architecture, framework

**Abstract:** This liaison statement informs about the development of draft Recommendation ITU-T Y.ICN-SEAN on “Architecture and Functional Framework for On-Site, Elastic and Autonomous ICN”

ITU-T Study Group 13, Question 22 would like to draw your attention to its ongoing work on draft Recommendation ITU-T Y.ICN-SEAN, “Architecture and Functional Framework for On-Site, Elastic and Autonomous ICN”.

In this Recommendation architecture and functional framework of on-site, elastic and autonomous ICN (Information Centric Networking) is described, which can meet all the requirements of look-up-based forwarding ICN network described in [ITU-T Y.3075], and its capabilities of on-Site forwarding and processing(S), Elastic managing (E), and Autonomous name mapping and resolving (A) will support instantly re-addressing routing efficiently. This Recommendation also describes the reference model of the framework, interaction mechanism of different components, as well as the deployment consideration for different scenarios with SEAN.

Q22/13 will keep you informed of the development of the text of the draft Recommendation ITU-T Y.ICN-SEAN. We thank you for your time and expertise and look forward to cooperation and collaboration on this topic.

Attachment: Draft new Recommendation ITU-T Y.ICN-SEAN “Architecture and Functional Framework for On-Site, Elastic and Autonomous ICN”, [SG13-TD761/WP1](#).