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| Title: ITU logo | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATION STANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | TSAG-TD128 |
| TSAG |
| **Original: English** |
| **Question(s):** | N/A | Geneva, 12-16 December 2022 |
| **TD(Ref.:** [SG13-LS37](http://handle.itu.int/11.1002/ls/sp17-sg13-oLS-00037.docx)**)** |
| **Source:** | ITU-T Working Party 1/13 |
| **Title:** | LS/i on the initiation of the new work item Y.AN-Arch-fw: "Architecture Framework for Autonomous Networks" [from ITU-T WP1/13] |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For information to:** | 3GPP, ETSI, GSMA, TM Forum, IETF, IEEE, IRTF, NGMN, ISO/IEC JTC1/SC42, ORAN Alliance, Linux Foundation, LF AI & Data, ITU-T SG2, SG3, SG5, SG9, SG11, SG12, SG15, SG16, SG17, TSAG, SG20 |
| **Approval:** | ITU-T Working Party 1/13 meeting (Geneva, 25 November 2022) |
| **Deadline:** | N/A |
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A new liaison statement has been received from SG13.

This liaison statement follows and the original file can be downloaded from the ITU ftp server at <http://handle.itu.int/11.1002/ls/sp17-sg13-oLS-00037.docx>.

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|  | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | **SG13-LS37** |
| **STUDY GROUP 13** |
| **Original: English** |
| **Question(s):** | 20/13 | Geneva, 25 November 2022 |
| **Ref.: SG13-TD223/WP1** |
| **Source:** | ITU-T Working Party 1/13 |
| **Title:** | LS on the initiation of the new work item Y.AN-Arch-fw: "Architecture Framework for Autonomous Networks" |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For information to:** | TSAG, ITU-T SG2, SG3, SG5, SG9, SG11, SG12, SG15, SG16, SG17, SG20, 3GPP, GSMA, IEEE, ETSI, TMF, IETF, IRTF, ISO/IEC JTC1/SC42, Linux Foundation Networking, LF AI & Data Foundation, O-RAN Alliance, NGMN |
| **Approval:** | ITU-T Working Party 1/13 meeting (Geneva, 25 November 2022) |
| **Deadline:** | N/A |
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| **Abstract:** | This Liaison Statement informs about the initiation of the new work item on "Architecture Framework for Autonomous Networks".  |

ITU-T Working Party 1/13 would like to inform you about the initiation of the new work item "Architecture Framework for Autonomous Networks" at its last meeting, Geneva, 25 November 2022. The new work item will be progressed within Question 20/13 ("Networks beyond IMT-2020 and machine learning: Requirements and architecture").

This document derives from the deliverable of the Focus Group on Autonomous Networks (FG-AN) established under ITU-T SG13 in December 2020. The document describes requirements, architecture, components and related sequence diagrams which together comprises an architecture framework for autonomous networks. The architectural framework for autonomous networks is based on the key concepts of *exploratory evolution, real-time responsive online experimentation* and *dynamic adaptation.*

This document aims to enhance the robustness and resilience of future networks while enabling the use case scenarios described in [[ITU-T Y.Suppl 71](https://www.itu.int/rec/T-REC-Y.Sup71/en)].

SG13 looks forward to keeping continued collaboration and exchange with you in the field of autonomous networks.

For your information, Question 20/13 plans to hold its next Q20/13 Rapporteur’s meeting virtually on 15 to 17 February 2023. Details can be accessed through the following page: <https://www.itu.int/net/ITU-T/lists/rgm.aspx?Group=13&Q=-1&From=2022-07-15&To=2022-11-25>

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