|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Title: ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | TSAG-TD399 |
| TSAG |
| **Original: English** |
| **Question(s):** | | N/A | | Geneva, 22-26 January 2024 |
| **TD (Ref.:** [SG13-LS147](http://handle.itu.int/11.1002/ls/sp17-sg13-oLS-00147.docx)**)** | | | | |
| **Source:** | | ITU-T Study Group 13 | | |
| **Title:** | | LS/r on draft analysis of operational parts (resolves, instructs etc) of WTSA/PP/WTDC Resolutions (TSAG-LS5) [from ITU-T SG13] | | |
| **LIAISON STATEMENT** | | | | |
| **For action to:** | | | - | |
| **For information to:** | | | TSAG | |
| **Approval:** | | | ITU-T Study Group 13 meeting (Geneva, 3 November 2023) | |
| **Deadline:** | | | N/A | |
| **Contact:** | | | Kazunori TANIKAWA  NICT  Japan | Email: [kaz.tanikawa@nict.go.jp](mailto:kaz.tanikawa@nict.go.jp) |

This liaison statement answers [TSAG-LS5](https://www.itu.int/ifa/t/2022/ls/tsag/sp17-tsag-oLS-00005.docx).

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-00147.docx>.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | | | **SG13-LS147** |
| **STUDY GROUP 13** |
| **Original: English** |
| **Question(s):** | | All/13 | | | | Geneva, 23 October – 3 November 2023 |
| **Ref.: SG13-TD159/PLEN** | | | | | | |
| **Source:** | | ITU-T Study Group 13 | | | | |
| **Title:** | | LS/r on draft analysis of operational parts (resolves, instructs etc) of WTSA/PP/WTDC Resolutions (reply to TSAG-LS5) | | | | |
| **LIAISON STATEMENT** | | | | | | |
| **For action to:** | | | | - | | |
| **For information to:** | | | | ITU-T TSAG | | |
| **Approval:** | | | | **ITU-T Study Group 13 meeting (Geneva, 3 November 2023)** | | |
| **Deadline:** | | | | N/A | | |
| **Contact:** | | | Kazunori TANIKAWA NICT Japan | | Email: [kaz.tanikawa@nict.go.jp](mailto:kaz.tanikawa@nict.go.jp) | |

|  |  |
| --- | --- |
| **Abstract:** | ITU-T SG13 thanks ITU-T TSAG for invitation to review the draft analysis of operational parts (resolves, instructs etc) of WTSA/PP/WTDC Resolutions (TSAG-LS5) and provides its response as follows. |

ITU-T SG13 would like to express our thanks for draft analysis of operational parts (resolves, instructs etc) of WTSA/PP/WTDC Resolutions shared for action with all ITU-T SGs and regional telecommunication organizations.

SG13 reviewed all attachments, TSAG-TD260, TSAG-TD261R1 and TSAG-TD191R3, especially paid attention to Appendix I – Obsolete action items from WTSA-16 Action Plan and Appendix II – Obsolete action items from WTSA-12 Action Plan.

SG13 would like to give TSAG the information of the current SG13 activities on SDN relevant to Resolution 77.

There are following six ongoing work items treating SDN as their main topic:

* Y.Arch\_NGNe\_ncp, Q2/13, Architectural evolution for NGN control plane by applying SDN technology;
* Y.SNICE-DLT-reqts, Q2/13, Requirements and framework of distributed S-NICE based on DLT;

NOTE ‒ S-NICE is the abbreviation of “SDN enabled network intelligence capabilities enhancements”.

* Y.WALNC, Q2/13, Functional requirements for the controller of wide area lossless network in NGNe;
* Y.ReqCapMec-SDNA, Q7/13, Requirements capability and mechanism of software defined network awareness in heterogeneous networks.
* Y.3805 and its Amendment 1, Q16/13, Quantum key distribution networks – Software-defined networking control;
* Y.QKDNi-SDNC, Q16/13, Quantum Key Distribution Network Interworking – Software Defined Networking Control.

In addition, there are two ongoing work items related to NFV:

* Framework enhancement for supporting virtualized transfer network entities in NICE;
* Requirements of next generation network evolution to support container-based network entities.

SDN and NFV have been still the key topics of future networks including NGN evolution, QKDN, IMT-2020 networks and beyond.

SG13 would appreciate, if TSAG takes care of the importance of SDN/NFV for further TSAG consideration on the list of obsolete items.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_