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|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | | | SCV-LS29 |
| **SCV** |
| **Original: English** |
| **Question(s):** | | --- | | | | Geneva, 30 April 2024 |
| **(Ref.:)** | | | | | | |
| **Source:** | | Coordination Committee for Terminology | | | | |
| **Title:** | | LS on the Validation of English terms and definitions | | | | |
| **LIAISON STATEMENT** | | | | | | |
| **For action to:** | | | | ITU-T SG9; ITU-T SG11; ITU-T SG20 | | |
| **For information to:** | | | | ITU-T SG2; ITU-T SG3 | | |
| **Approval:** | | | | CCT meeting (16 April 2024) | | |
| **Deadline:** | | | | --- | | |
| **Contact:** | | | Rim Belhaj ITU-T SCV Chair | | Tel:  E-mail: [rym.belhaj@edu.isetcom.tn](mailto:rym.belhaj@edu.isetcom.tn) | |
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| **Abstract:** | Through this document, the CCT informs ITU-T SG2, ITU-T SG3, ITU-T SG9 and ITU-T SG20 of the validation results of several terms and definitions published in ITU-T Recommendations, and requests clarification for some definitions. |

At its 16 April 2024 meeting, the Coordination Committee for Terminology (CCT), which is composed by the SCV, the CCV and ITU-D representatives, addressed several terms and definitions that ITU-T SG2, ITU-T SG3, ITU-T SG9 and ITU-T SG11 had sent to the CCT for comments and harmonization, and which have now been incorporated in clause 3.2 of published Recommendations.

The result of the 16 April validation process is reflected in Document [CCT/57 (Rev1)](https://extranet.itu.int/rsg-meetings/ccv/Share/CCT%20meeting%202024-04-16/Input%20contributions/057eRev1.docx) and is also reproduced in Annex 1 for convenience. ITU-T SG9 and ITU-T SG11 are invited to consider the modifications suggested with revision marks in the Annex in future revisions of the relevant Recommendation and to inform the CCT of any intended modification of the term or definition. The study groups are requested to provide clarification as highlighted in yellow.

In accordance with the validation process, which is described in the terms and definitions validation [workflow](https://www.itu.int/md/R19-CCV-C-0039/en), all validated terms and definitions will be translated into the other languages of the Union, and will be incorporated in the six languages both in the ITU-Terms and Definitions database and UNTERM.

It should be noted that validation is a continuing process and as such, other terms and definitions received from the study groups will be considered for validation in future meetings of the CCT.

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Annex: 1

**Annex 1**

**Result of the validation process of   
ITU-T SG2, ITU-T SG3, ITU-T SG9 and ITU-T SG11 terms and definitions**

| Study group | | Rec. | Term | Definition | Validated (y/n) |
| --- | --- | --- | --- | --- | --- |
| ITU-T SG2 | | M.3367 | **intelligent maintenance robot** (**IMR)** | A kind of smart wearable maintenance assistant toolkit, a smart information collection device that integrates infrared, visual, sound and other multi-functional sensors, uses the autonomous navigation and positioning function to follow the patrol route, and uses visible image analysis, infrared temperature measurement and other technologies to carry out on-site patrol, information collection and dispatch of reports to a telecommunication smart maintenance system. | Yes |
| ITU-T SG3 | | D.1102 | **customer support service** | The assistance and advice provided by a company to consumers who use their platform or services. | Yes |
| ITU-T SG3 | | D.1102 | **media literacy** | The practices that allow people to access, evaluate and create media. | No |
| ITU-T SG9 | | J.1306 | **API Lifecycle Management** | Set of functions required to manage the instantiation, maintenance and termination of an application programming interface instance. | Yes |
| ITU-T SG9 | | J.1306 | **Cloud Database** | A database that is deployed in a cloud-computing environment. | No |
| ITU-T SG9 | | J.1306 | **Container Orchestration** | Procedure on container deployment and organization that provides the ability to schedule and manage container clusters, including container automated deployment, management, elastic scaling and container network management. | Yes |
| ITU-T SG9 | | J.1306 | **Continuous Integration and Continuous Deployment (CI/CD)** | Software engineering practice that helps team members integrate and publish their work results frequently, with continuous integration that automatically conducts error verification and shortens the system development lifecycle, and continuous deployment that automatically releases the verified code and builds system deployed into different targeting environments. | Yes |
| ITU-T SG9 | | J.1305 | **Converged Media** | Type of media that combines the information technology of radio, television, newspapers and periodicals, network audiovisual and other aspects, using diversified communication channels and forms. | No |
| ITU-T SG9 | | J.1306 | **Development and Operations (DevOps)** | A group of processes, methods and systems collectively used to promote communication, collaboration and integration among application development and system, technology operation and maintenance as a single whole engineering process. | Yes |
| ITU-T SG9 | | J.1036 | **Factual subscriber-based reporting** | For a conditional access system, the accurate and truthful representation of the number of subscribers of each service in a distribution platform without any manipulation or distortion of the underlying data. | No |
| ITU-T SG9 | | J.1306 | **Fitness Function** | An objective function used to calculate the gap between potential solutions and established goals in evolutionary computation paradigm. | Yes |
| ITU-T SG9 | | J.1306 | **Grayscale Release Capability** | A way of releasing a smooth transition between black and white. | Yes |
| ITU-T SG9 | | J.198.2 | **HiNoC 2.0** | The short form of the second generation HiNoC defined by [ITU-T J.196.1], [ITU-T J.196.2] and [ITU-T J.196.3] | Rejected as a definition |
| ITU-T SG9 | | J.198.2 | **HiNoC 2.0+ channel** | A channel that supports the access of second and third generations of High performance Network over Coax modems, and has a bandwidth of 128 MHz. | No |
| ITU-T SG9 | | J.198.2 | **HiNoC 3.0** | The short form of the third generation HiNoC defined by [ITU-T J.198.1], [ITU-T J.HiNoC3-MAC] and this recommendation. | Rejected as a definition |
| ITU-T SG9 | | J.198.2 | **HiNoC 3.0 channel** | A channel that only supports the access of third generation of High performance Network over Coax modems, and has a bandwidth of 128 MHz. | No |
| ITU-T SG9 | | J.198.2 | **forward error correction interleaver** | A device that rearranges the bit order of the forward error correction (FEC) codewords.  (Note from the Secretariat: There are outstanding comments stated in previous liaison statements) | No |
| ITU-T SG9 | | J.198.2 | **forward error correction interleaver depth** | The number of forward error correction (FEC) codewords rearranged in each interleaving process.  (Note from the Secretariat: There are outstanding comments stated in previous liaison statements) | No |
| ITU-T SG9 | | J.1306 | **Lakehouse** | An integrated system that connects and integrates the data warehouse and data lake, whose coexistence can ensure data flow, reduce repeated construction and bring more benefits to enterprises. | Yes |
| ITU-T SG9 | | J.1306 | **Low Code Development Platform** | Development platform that can build applications via a graphical user interface, using drag and drop visual method and model-driven logic, without coding or through a small number of codes. | No |
| ITU-T SG9 | | J.1305 | **Rule Engine** | A management service for parsing, invoking and executing rules that use predefined semantic modules to write business decisions, accept data input, interpret business rules, and make business decisions.  The CCT found that the definition is not clear. SG9 is asked to clarify the sense of the definition. | No. |
| ITU-T SG9 | | J.1306 | **Service Mesh** | A group of agent components (called sidecars as proxy for each service) and task management components (categorized as control plane and data plane) that deal with a large number of inter-process network communication among microservices. | Yes |
| ITU-T SG9 | | J.1306 | **Webhook** | A reverse application programming interface (API) invocation concept mainly for asynchronous web construction which provides API rules to send hypertext transfer protocol requests to applications with hooks (often simply a uniform resource locator or API). | Yes |
| ITU-T SG11 | | Q.4071 | **3D ultra high density IoT** | Ultra-dense network based on wireless communication technologies, the users and nodes of which are located in three-dimensional space (multi-story buildings and other structures) with density of at least 100 devices per cubic meter, [where the two-dimensional model cannot adequately describe the network and does not capture properties of network distribution of users and nodes].  SG11 to indicate if aside from the modification, the sentence in red can be deleted. SG20 is asked to comment. | No |
| ITU-T SG11 | Q.4045 | | **test case template** | A structured description of a test case that organizes the unstructured data of the test case into a standardized data structure to simplify the conversion from test case to test script. | Yes |
| ITU-T SG11 | Q.4045 | | **test entity (or test tools)** | An object in the test script [test cases or test activities] that represents the software or hardware related to a test.  SG11 is asked to clarify what is meant by test script | No |
| ITU-T SG11 | Q.4045 | | **test scheme template** | A combination of test cases and relevant test parameters for designing the testing activities required to accomplish specific testing objectives from a technical perspective. | Yes |
| ITU-T SG11 | Q.4045 | | **test task** | The instantiation of a test scheme template, created by the tester, which is used to perform specific test activities. | Yes |
| ITU-T SG11 | Q.4045 | | **test orchestration** | A process that sorts the execution order of a set of test cases and interactions with the test tools [or test entities] for carrying out certain test cases in an automated manner  SG11 is asked to clarify what is meant by test tools | No |
| ITU-T SG11 | Q.3063 | | **calling line identification certificate (CLIC)** | A public certificate issued by a certification authority which is used to prove that the originating local exchange owns the calling party number. | Wait until next meeting |
| ITU-T SG11 | Q.5003 | | **federated MEC** | A group of multiaccess edge computing systems that belong to several multiaccess edge computing providers, and which jointly provide a unified service across these providers to respond to requests received from application providers by exchanging resources from all of the individual multiaccess edge computing systems. | Yes |
| ITU-T SG11 | Q.3062 | | **Local Signalling Security Gateway** | A signalling security gateway (SSGW) that sends messages on behalf of a network entity within the same security domain towards another SSGW | Yes |
| ITU-T SG11 | Q.3062 | | **Peer** signalling security gateway **(SSGW)** | A signalling security gateway (SSGW) that receives messages on behalf of a network entity within the same security domain from another SSGW. | Yes (but expand abbreviation in the database) |
| ITU-T SG11 | Q.3062 | | **Provisional End Entity Public-key certificate (PEEC)** | A short-term end entity public-key certificate with a 6-month validity period. | Yes |
| ITU-T SG11 | Q.3062 | | **Validated End Entity Public-key certificate (VEEC)** | A long-term end entity public-key certificate with a 2-year validity period. | Yes |
| ITU-T SG11 | Q.5004 | | **Lite Internet protocol multimedia system (IMS)** | An evolved version of an Internet protocol multimedia system with the characteristics of high efficiency, extensibility, intelligence and high value addition, designed for application in IMT-2020 networks and beyond. | Yes (but expand abbreviation in the database) |