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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | | SCV – LS42 | |
| **SCV** | |
| **Original: English** | |
| **Question(s):** | | | --- | | Geneva, 24 February 2022 | |
| **Ref.:** [SCV-TD173](https://www.itu.int/en/ITU-T/committees/scv/Documents/SCV-TD173.zip) | | | | | | |
| **Source:** | | | Standardization Committee for Vocabulary | | | |
| **Title:** | | | LS on blockchain-related terms and definitions proposed by ITU-T SG20 | | | |
| **LIAISON STATEMENT** | | | | | | |
| **For action to:** | | | | ITU-T SG2, SG3, SG5, SG9, SG11, SG12, SG13, SG15, SG16, SG17 | | |
| **For comment to:** | | | | - | | |
| **For information to:** | | | | ITU-T SG20 | | |
| **Approval:** | | | | CCT meeting (8 February 2022) | | |
| **Deadline:** | | | | 30 May 2022 | | |
| **Contact:** | | Rim Belhaj ITU-T SCV Chairman | | | | Tel:  E-mail: [rym.belhaj@isetcom.tn](mailto:rym.belhaj@isetcom.tn) |
| **Contact:** | | Christian Rissone ITU-R CCV Chairman | | | | Tel:  Email: [Christian.rissone@anfr.fr](mailto:Christian.rissone@anfr.fr) |

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| **Keywords:** | CCT; SCV; terms; definitions |
| **Abstract:** | Through this liaison statement, the CCT requests advice on new terms and definitions proposed by ITU-T SG20 related to blockchain. |

The Coordination Committee for Terminology (CCT), which is comprised by SCV, CCV and participants from ITU-D, considering the importance and wide applicability of blockchain technologies across the work of the T Sector, would like to seek advice from all ITU-T Study Groups with respect to the blockchain-related definitions proposed by ITU-T SG20 as specified in [Annex](https://www.itu.int/en/ITU-T/committees/scv/Documents/SCV-TD173.zip) 1.

The CCT would appreciate if a response could be received before 30 May 2022, including relevance, correctness and acceptability of the definitions with respect to the work of the various ITU-T study groups.

Annex: 1

**ANNEX 1  
Blockchain-related definitions proposed by ITU-T SG20**

**1 blockchain data**: The data in a blockchain, such as distributed append-only ledgers, state information, permission policies, etc.

NOTE – Blockchain data may be distributed and be stored in blockchain peers. A blockchain peer may store all or part of the data in a blockchain.

**2 blockchain peer**: A functional entity or physical entity (e.g., device, gateway and system) which utilizes blockchain-related functionalities (e.g., executing transactions, and maintaining blockchain data) in peer-to-peer communications.

**3 blockchain transaction**: An operation (e.g., deploying, invoking and querying results of blockchain contracts) in a blockchain in which an authorized end user performs operations (e.g., reading/writing blockchain data, invoking a blockchain contract).

**4 consortium blockchain**: A blockchain platform that is accessible for use only to a consortium whose members establish and maintain the blockchain platform.

**5 closed data**: Data that requires access control to be divulgated.

**6 data commercialization**: The process of creating commercial value from data.

NOTE – It may encompass various activities, including, but not limited to, monetization, valuation, pricing, licensing, distribution, marketing and sales.

**7 data exchange:** Accessing, transferring and archiving of data.

**8 data governance**: Set of activities aimed to design, implement and monitor a strategic plan for data asset management.

**9 data marketplace**: An electronic marketplace whose main product is provisioning of data and/or related services around data.

**10** **data sharing**: The process of data exchange among different parties with specified conditions.

**11 immutable:** A system’s property in relation to it being unchanged even after a long period.

**12 private blockchain**: A blockchain platform that is accessible for use only to a limited group of entities who participate in the activities of it.

**13 public blockchain**: A blockchain platform that is accessible to the public for use.

NOTE – A public blockchain may be permissioned or permissionless. In a permissioned public blockchain, it provides services only to authorized participants.

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