**3GPP TSG-CT WG3 Meeting #135 *C3-243543***

**Hyderabad, IN, 27th – 31st May 2024 (C3-243091)**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.520** | **CR** | **0905** | **rev** | **1** | **Current version:** | **18.5.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Resolve EN for TrainInputDataInfo | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eNA\_Ph3 | | | | |  | ***Date:*** | | | 2024-05-15 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-18 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18)  Rel-19 (Release 19) Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | There is EN left in clause 5.4.6.2.16 for the TrainInputDataInfo data type:  Editor's Note: The data type of "dataStatisticsInfos" attribute is FFS.  The description of Training Input Data in stage 2 specification (i.e. TS 23.288 clause 6.2A.2) is:  - [OPTIONAL] Training Input Data Information: contains information about various settings that have been used by MTLF during training, such as:  - the "Input Data" that have been used, each of them optionally accompanied by metrics that show the data characteristics and granularity with which this data has been used (i.e. a sampling ratio, the maximum number of input values and/or a maximum time interval between the samples of this input data, data range including maximum and minimum values, mean and standard deviation and data distribution when applicable) and the time, i.e. timestamp and duration, when this data was obtained.  - the data sources related to the "Input Data" that were used for ML Model training, which have been identified by a list of NF instance (or NF set) identifiers.  Thus, this paper proposes to update the description for dataStatisticsInfos attributre in TrainInputDataInfo data type to align with stage 2 definition, and remove the EN. | | | | | | | | |
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| ***Summary of change:*** | | The changes include:   * Updated the description for dataStatisticsInfos attributre in TrainInputDataInfo data type model. * Removed the EN in clause 5.4.6.2.16. | | | | | | | | |
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| ***Consequences if not approved:*** | | The specification is incompleted with EN left, and not align with stage 2. | | | | | | | | |
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| ***Clauses affected:*** | | 5.4.6.2.16 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | | This CR does not have any impact in the OpenAPI specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

##### 5.4.6.2.16 Type TrainInputDataInfo

**Table 5.4.6.2.16-1: Definition of type TrainInputDataInfo**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **Data type** | **P** | **Cardinality** | **Description** | **Applicability** |
| dataInfo | InputDataInfo | O | 0..1 | The metrics of input data that has been used by NWDAF containing MTLF during training. |  |
| time | TimeWindow | O | 0..1 | Indicates the time interval during which the data was obtained from the data source NFs. |  |
| dataStatisticsInfos | string | O | 0..1 | Indicates the statistics information of the data identified by "dataInfo" attribute, i.e. data range including maximum and minimum values, mean and standard deviation and data distribution when applicable. May be present when the "dataInfo" attribute is included.  The format of the value of this attribute is up to implementation. |  |

\*\*\* End of Changes \*\*\*