**3GPP TSG-SA5 Meeting #155 *S5-243335***

**Jeju, South Korea, 27 - 31 May 2024 Revision of S5-242536**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.105** | **CR** | **Input to draft CR** | **rev** | **1** | **Current version:** | **18.3.0** |  |
|  | | | | | | | | |
| *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 | **X** | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Rel-18 input to draftCR TS 28.105 correct the attribute constraints, documentation and allowed values of inferenceEntityRef | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | AIML\_MGT | | | | |  | ***Date:*** | | | 2024-05-10 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Some errors in the MLContext IOC   * Correct the red text of “see clause 7.5.1 for details of each type”. * Correct the capitalization of the first letter of the attribute name. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Correct the attibutes name. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Misdefinition of ML context can lead to confusion. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.4.3.2, 7.4.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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's revision history:*** | |  | | | | | | | | |

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| **1st modified section** |

### 7.4.3 MLContext <<dataType>>

#### 7.4.3.1 Definition

The MLContext represents the status and conditions related to the MLEntity. There are three types of context - the expectedRunTimeContext, the trainingContext and the runTimeContext, see clause 7.5.1 for details of each type.

#### 7.4.3.2 Attributes

Table 7.4.3.2-1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Support Qualifier | isReadable | isWritable | isInvariant | isNotifyable |
| inferenceEntityRef | CM | T | F | F | F |
| dataProviderRef | M | T | F | F | F |

#### 7.4.3.3 Attribute constraints

Table 7.4.3.3-1

|  |  |
| --- | --- |
| Name | Definition |
| inferenceEntityRef Support Qualifier | Condition: The MLContext is used for expectedRunTimeContext, trainingContext or runTimeContext. |

#### 7.4.3.4 Notifications

The notifications specified for the IOC using this <<dataType>> for its attribute(s), shall be applicable.

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| **End of modified sections** |