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

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

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| *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 canbe 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.
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|  |  |
| ***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** |